

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/24/2024

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 31.58 | 36.10 | 35.22 | 30.70 | 34.50 | 29.68 | 34.65 | 48.51 | 42.14 | 35.62 | 26.86 | 25.83 | 22.65 | 21.20 | 20.64 | 19.96 | 20.70 | 25.91 | 41.22 | 35.87 | 35.70 | 35.35 | 33.84 | 26.29 |
| 24138 | 1.34 | 1.13 | 1.02 | 1.21 | 1.32 | 1.22 | 1.62 | 2.34 | 1.76 | 1.57 | 1.18 | 1.02 | 0.87 | 0.87 | 0.84 | 0.87 | 1.01 | 1.25 | 1.67 | 1.65 | 1.74 | 1.62 | 1.39 | 1.09 |
| | -0.68 | -0.40 | -0.79 | -0.21 | -0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.25 | 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 | 31.56 | 36.10 | 35.23 | 30.69 | 34.48 | 29.65 | 34.63 | 48.49 | 42.14 | 35.59 | 26.83 | 25.81 | 22.64 | 21.18 | 20.61 | 19.93 | 20.67 | 25.87 | 41.17 | 35.87 | 35.69 | 35.34 | 33.81 | 26.26 |
| 24260 | 1.33 | 1.12 | 1.03 | 1.21 | 1.30 | 1.19 | 1.60 | 2.32 | 1.77 | 1.55 | 1.15 | 1.00 | 0.86 | 0.85 | 0.81 | 0.84 | 0.98 | 1.22 | 1.63 | 1.64 | 1.72 | 1.60 | 1.36 | 1.06 |
| | -0.68 | -0.40 | -0.79 | -0.21 | -0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.25 | 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 | 31.56 | 36.10 | 35.23 | 30.69 | 34.48 | 29.65 | 34.63 | 48.49 | 42.14 | 35.59 | 26.83 | 25.81 | 22.64 | 21.18 | 20.61 | 19.93 | 20.67 | 25.87 | 41.17 | 35.87 | 35.69 | 35.34 | 33.81 | 26.26 |
| 24261 | 1.33 | 1.12 | 1.03 | 1.21 | 1.30 | 1.19 | 1.60 | 2.32 | 1.77 | 1.55 | 1.15 | 1.00 | 0.86 | 0.85 | 0.81 | 0.84 | 0.98 | 1.22 | 1.63 | 1.64 | 1.72 | 1.60 | 1.36 | 1.06 |
| | -0.68 | -0.40 | -0.79 | -0.21 | -0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.25 | 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 | 30.02 | 35.47 | 33.86 | 30.12 | 33.07 | 29.52 | 34.29 | 48.01 | 42.27 | 35.69 | 26.82 | 25.36 | 22.57 | 20.99 | 20.36 | 19.63 | 20.35 | 25.76 | 41.57 | 36.27 | 35.96 | 35.50 | 33.76 | 26.05 |
| 24011 | 1.09 | 1.27 | 1.18 | 1.04 | 1.06 | 1.06 | 1.26 | 1.85 | 1.89 | 1.65 | 1.21 | 1.04 | 0.79 | 0.67 | 0.57 | 0.54 | 0.66 | 1.10 | 2.02 | 2.05 | 1.99 | 1.76 | 1.31 | 0.85 |
| | 0.63 | 0.37 | 0.73 | 0.19 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.23 | 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 | 30.16 | 35.66 | 34.04 | 30.29 | 33.26 | 29.71 | 34.48 | 48.31 | 42.63 | 36.04 | 27.07 | 25.57 | 22.69 | 21.09 | 20.44 | 19.70 | 20.43 | 25.94 | 41.91 | 36.61 | 36.28 | 35.77 | 33.94 | 26.15 |
| 23798 | 1.22 | 1.45 | 1.35 | 1.21 | 1.24 | 1.25 | 1.45 | 2.14 | 2.25 | 2.00 | 1.47 | 1.24 | 0.90 | 0.76 | 0.64 | 0.61 | 0.74 | 1.29 | 2.37 | 2.39 | 2.32 | 2.03 | 1.50 | 0.95 |
| | 0.62 | 0.37 | 0.72 | 0.19 | 0.56 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.23 | 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 | 30.02 | 35.47 | 33.86 | 30.12 | 33.07 | 29.52 | 34.29 | 48.01 | 42.27 | 35.69</ | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.40 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.04 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.91 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| ALBANY___3 23573 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.40 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.04 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.91 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| ALBANY___4 23574 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.40 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.04 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.91 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| ALBANY___LFGE 323615 | 29.49 0.52 0.59 | 34.82 0.60 0.35 | 33.27 0.55 0.69 | 29.63 0.55 0.18 | 32.60 0.56 0.53 | 29.03 0.57 0.00 | 33.76 0.73 0.00 | 47.25 1.09 0.00 | 41.31 0.93 0.00 | 34.81 0.77 0.00 | 26.17 0.56 0.04 | 24.84 0.50 0.22 | 22.26 0.47 0.00 | 20.79 0.47 0.00 | 20.22 0.42 0.00 | 19.51 0.42 0.00 | 20.17 0.48 0.00 | 25.38 0.72 0.00 | 40.74 1.20 0.00 | 35.44 1.22 0.00 | 35.20 1.23 0.00 | 34.88 1.14 0.00 | 33.35 0.91 0.00 | 25.84 0.64 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 29.81 0.26 0.00 | 35.04 0.47 0.00 | 33.84 0.43 0.00 | 29.59 0.32 0.00 | 32.91 0.34 0.00 | 28.63 0.17 0.00 | 33.08 0.06 0.00 | 46.19 0.03 0.00 | 40.51 0.13 0.00 | 34.15 0.11 0.00 | 25.76 0.11 0.00 | 24.72 0.16 0.00 | 21.89 0.11 0.00 | 20.40 0.07 0.00 | 19.95 0.14 0.00 | 19.20 0.10 0.00 | 19.68 0.00 0.00 | 24.67 0.02 0.00 | 39.63 0.08 0.00 | 34.09 -0.13 0.00 | 33.82 -0.15 0.00 | 33.71 -0.03 0.00 | 32.59 0.15 0.00 | 25.32 0.12 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 29.81 0.26 0.00 | 35.04 0.47 0.00 | 33.84 0.43 0.00 | 29.59 0.32 0.00 | 32.91 0.34 0.00 | 28.63 0.17 0.00 | 33.08 0.06 0.00 | 46.19 0.03 0.00 | 40.51 0.13 0.00 | 34.15 0.11 0.00 | 25.76 0.11 0.00 | 24.72 0.16 0.00 | 21.89 0.11 0.00 | 20.40 0.07 0.00 | 19.95 0.14 0.00 | 19.20 0.10 0.00 | 19.68 0.00 0.00 | 24.67 0.02 0.00 | 39.63 0.08 0.00 | 34.09 -0.13 0.00 | 33.82 -0.15 0.00 | 33.71 -0.03 0.00 | 32.59 0.15 0.00 | 25.32 0.12 0.00 |
| ALCOA___DSASP 323711 | 29.81 0.26 0.00 | 35.04 0.47 0.00 | 33.84 0.43 0.00 | 29.59 0.32 0.00 | 32.91 0.34 0.00 | 28.63 0.17 0.00 | 33.08 0.06 0.00 | 46.19 0.03 0.00 | 40.51 0.13 0.00 | 34.15 0.11 0.00 | 25.76 0.11 0.00 | 24.72 0.16 0.00 | 21.89 0.11 0.00 | 20.40 0.07 0.00 | 19.95 0.14 0.00 | 19.20 0.10 0.00 | 19.68 0.00 0.00 | 24.67 0.02 0.00 | 39.63 0.08 0.00 | 34.09 -0.13 0.00 | 33.82 -0.15 0.00 | 33.71 -0.03 0.00 | 32.59 0.15 0.00 | 25.32 0.12 0.00 |
| ALLEGHENY___COGEN 23514 | 30.58 1.02 0.00 | 35.69 1.11 0.00 | 34.68 1.27 0.00 | 30.17 0.89 0.00 | 33.79 1.22 0.00 | 29.64 1.18 0.00 | 34.33 1.30 0.00 | 48.46 1.80 -0.49 | 41.64 1.26 0.00 | 34.54 0.50 0.00 | 26.00 0.35 0.00 | 24.89 0.33 0.00 | 22.00 0.21 0.00 | 20.38 0.06 0.00 | 19.85 0.04 0.00 | 19.09 -0.01 0.00 | 19.70 0.02 0.00 | 24.61 -0.05 0.00 | 39.71 0.16 0.00 | 35.65 1.42 0.00 | 35.35 1.38 0.00 | 34.73 0.99 0.00 | 33.28 0.83 0.00 | 25.96 0.76 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 29.55 0.34 0.34 | 34.74 0.37 0.20 | 33.36 0.34 0.40 | 29.52 0.35 0.11 | 32.62 0.35 0.31 | 28.82 0.36 0.00 | 33.52 0.49 0.00 | 46.91 0.74 0.00 | 40.99 0.61 0.00 | 34.53 0.49 0.00 | 25.96 0.34 0.02 | 24.72 0.28 0.13 | 22.04 0.26 0.00 | 20.58 0.25 0.00 | 20.00 0.20 0.00 | 19.31 0.22 0.00 | 19.96 0.28 0.00 | 25.08 0.43 0.00 | 40.28 0.73 0.00 | 35.02 0.80 0.00 | 34.79 0.82 0.00 | 34.49 0.75 0.00 | 33.01 0.57 0.00 | 25.60 0.39 0.00 |
| ALTONA_WT_PWR 323606 | 30.86 1.30 0.00 | 36.18 1.61 0.00 | 34.76 1.35 0.00 | 30.34 1.07 0.00 | 33.63 1.06 0.00 | 28.91 0.46 0.00 | 33.27 0.24 0.00 | 46.39 0.23 0.00 | 40.91 0.54 0.00 | 34.48 0.44 0.00 | 26.16 0.51 0.00 | 25.07 0.51 0.00 | 22.13 0.34 0.00 | 20.67 0.34 0.00 | 20.15 0.35 0.00 | 19.38 0.28 0.00 | 19.91 0.22 0.00 | 25.15 0.50 0.00 | 40.59 1.04 0.00 | 34.54 0.31 0.00 | 34.38 0.41 0.00 | 34.46 0.72 0.00 | 33.61 1.16 0.00 | 26.18 0.98 0.00 |
| AMERICAN_REF_FUEL 24010 | 28.43 -1.12 0.00 | 33.26 -1.32 0.00 | 32.41 -1.01 0.00 | 28.28 -0.99 0.00 | 31.73 -0.84 0.00 | 27.77 -0.68 0.00 | 31.73 -1.30 0.00 | 41.80 -2.69 1.67 | 38.03 -2.35 0.00 | 32.22 -1.82 0.00 | 24.48 -1.17 0.00 | 23.46 -1.10 0.00 | 20.68 -1.10 0.00 | 19.21 -1.12 0.00 | 18.76 -1.04 0.00 | 18.08 -1.01 0.00 | 18.56 -1.12 0.00 | 23.04 -1.62 0.00 | 36.65 -2.90 0.00 | 31.87 -2.36 0.00 | 31.29 -2.68 0.00 | 30.72 -3.02 0.00 | 29.96 -2.48 0.00 | 23.78 -1.42 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 29.88 0.33 0.00 | 34.86 0.29 0.00 | 33.93 0.52 0.00 | 29.61 0.35 0.00 | 33.23 0.66 0.00 | 28.98 0.52 0.00 | 33.28 0.25 0.00 | 43.70 -0.38 2.08 | 40.21 -0.16 0.00 | 34.06 0.02 0.00 | 25.82 0.17 0.00 | 24.78 0.22 0.00 | 21.87 0.08 0.00 | 20.25 -0.08 0.00 | 19.78 -0.02 0.00 | 19.02 -0.08 0.00 | 19.56 -0.12 0.00 | 24.28 -0.37 0.00 | 38.80 -0.74 0.00 | 33.79 -0.44 0.00 | 33.04 -0.93 0.00 | 32.38 -1.36 0.00 | 31.12 -1.32 0.00 | 24.39 -0.81 0.00 |
| ARTHUR KILL_GT_1 23520 | 31.65 1.41 -0.68 | 35.98 1.00 -0.40 | 35.18 0.98 -0.79 | 30.89 1.40 -0.22 | 34.73 1.55 -0.61 | 29.88 1.42 -0.01 | 34.81 1.78 0.00 | 48.10 1.93 0.00 | 41.63 1.26 0.00 | 35.39 1.35 0.00 | 26.74 1.05 -0.04 | 25.69 0.87 -0.25 | 22.51 0.73 0.00 | 21.07 0.75 0.00 | 20.53 0.73 0.00 | 19.83 0.74 0.00 | 20.58 0.89 0.00 | 25.74 1.09 0.00 | 40.71 1.17 0.00 | 35.48 1.26 0.00 | 35.41 1.44 0.00 | 35.18 1.44 0.00 | 33.75 1.31 0.00 | 26.24 1.04 0.00 |
| ARTHUR_KILL_2 23512 | 31.57 1.33 -0.68 | 35.87 0.89 -0.40 | 35.08 0.88 -0.79 | 30.81 1.32 -0.22 | 34.64 1.45 -0.61 | 29.80 1.33 -0.01 | 34.71 1.68 0.00 | 47.96 1.79 0.00 | 41.52 1.14 0.00 | 35.29 1.25 0.00 | 26.67 0.99 -0.04 | 25.62 0.80 -0.25 | 22.46 0.67 0.00 | 21.03 0.70 0.00 | 20.48 0.67 0.00 | 19.79 0.69 0.00 | 20.53 0.84 0.00 | 25.68 1.02 0.00 | 40.59 1.05 0.00 | 35.36 1.14 0.00 | 35.29 1.33 0.00 | 35.07 1.33 0.00 | 33.65 1.20 0.00 | 26.16 0.96 0.00 |
| ARTHUR_KILL_3 23513 | 31.18 0.95 -0.68 | 35.64 0.66 -0.40 | 34.80 0.60 -0.79 | 30.36 0.87 -0.21 | 34.10 0.92 -0.61 | 29.31 0.85 0.00 | 34.23 1.20 0.00 | 47.96 1.79 0.00 | 41.69 1.31 0.00 | 35.20 1.16 0.00 | 26.51 0.82 -0.04 | 25.50 0.69 -0.25 | 22.36 0.57 0.00 | 20.92 0.60 0.00 | 20.37 0.57 0.00 | 19.69 0.60 0.00 | 20.43 0.75 0.00 | 25.55 0.89 0.00 | 40.64 1.09 0.00 | 35.41 1.18 0.00 | 35.23 1.27 0.00 | 34.89 1.15 0.00 | 33.39 0.95 0.00 | 25.97 0.77 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 31.65 1.41 -0.68 | 35.98 1.00 -0.40 | 35.18 0.98 -0.79 | 30.89 1.40 -0.22 | 34.73 1.55 -0.61 | 29.88 1.42 -0.01 | 34.81 1.78 0.00 | 48.10 1.93 0.00 | 41.63 1.26 0.00 | 35.39 1.35 0.00 | 26.74 1.05 -0.04 | 25.69 0.87 -0.25 | 22.51 0.73 0.00 | 21.07 0.75 0.00 | 20.53 0.73 0.00 | 19.83 0.74 0.00 | 20.58 0.89 0.00 | 25.74 1.09 0.00 | 40.71 1.17 0.00 | 35.48 1.26 0.00 | 35.41 1.44 0.00 | 35.18 1.44 0.00 | 33.75 1.31 0.00 | 26.24 1.04 0.00 |
| ASHOKAN____ 23654 | 30.67 1.12 0.00 | 35.67 1.10 0.00 | 34.54 1.12 0.00 | 30.30 1.03 0.00 | 33.67 1.10 0.00 | 29.37 0.91 0.00 | 34.28 1.25 0.00 | 48.03 1.87 0.00 | 41.89 1.51 0.00 | 35.20 1.16 0.00 | 26.40 0.76 0.00 | 25.25 0.69 0.00 | 22.19 0.41 0.00 | 20.66 0.34 0.00 | 20.05 0.25 0.00 | 19.35 0.26 0.00 | 20.08 0.40 0.00 | 25.42 0.77 0.00 | 41.16 1.61 0.00 | 36.04 1.81 0.00 | 35.78 1.81 0.00 | 35.37 1.63 0.00 | 33.76 1.32 0.00 | 26.09 0.89 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 31.44 1.20 -0.68 | 35.95 0.97 -0.40 | 35.09 0.88 -0.79 | 30.53 1.04 -0.22 | 34.25 1.06 -0.61 | 29.49 1.02 -0.01 | 34.39 1.36 0.00 | 48.15 1.99 0.00 | 41.81 1.43 0.00 | 35.44 1.40 0.00 | 26.69 1.00 -0.04 | 25.68 0.87 -0.25 | 22.53 0.75 0.00 | 21.09 0.77 0.00 | 20.58 0.77 0.00 | 19.88 0.79 0.00 | 20.58 0.90 0.00 | 25.72 1.06 0.00 | 40.91 1.36 0.00 | 35.66 1.44 0.00 | 35.50 1.54 0.00 | 35.18 1.44 0.00 | 33.65 1.21 0.00 | 26.18 0.98 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 31.44 1.20 -0.68 | 35.95 0.97 -0.40 | 35.09 0.88 -0.79 | 30.53 1.04 -0.22 | 34.25 1.06 -0.61 | 29.49 1.02 -0.01 | 34.39 1.36 0.00 | 48.15 1.99 0.00 | 41.81 1.43 0.00 | 35.44 1.40 0.00 | 26.69 1.00 -0.04 | 25.68 0.87 -0.25 | 22.53 0.75 0.00 | 21.09 0.77 0.00 | 20.57 0.77 0.00 | 19.88 0.79 0.00 | 20.58 0.89 0.00 | 25.72 1.06 0.00 | 40.91 1.36 0.00 | 35.66 1.44 0.00 | 35.50 1.54 0.00 | 35.18 1.44 0.00 | 33.65 1.20 0.00 | 26.18 0.98 0.00 |
| ASTORIA_GT2_1 24094 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.09 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2.02 0.00 | 41.84 1.46 0.00 | 35.47 1.42 0.00 | 26.70 1.01 -0.04 | 25.70 0.88 -0.25 | 22.55 0.76 0.00 | 21.11 0.78 0.00 | 20.58 0.78 0.00 | 19.89 0.80 0.00 | 20.59 0.91 0.00 | 25.74 1.08 0.00 | 40.93 1.38 0.00 | 35.69 1.46 0.00 | 35.52 1.56 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.19 0.99 0.00 |
| ASTORIA_GT2_2 24095 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.09 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2.02 0.00 | 41.84 1.46 0.00 | 35.47 1.42 0.00 | 26.70 1.01 -0.04 | 25.70 0.88 -0.25 | 22.55 0.76 0.00 | 21.11 0.78 0.00 | 20.58 0.78 0.00 | 19.89 0.80 0.00 | 20.59 0.91 0.00 | 25.74 1.08 0.00 | 40.93 1.38 0.00 | 35.69 1.46 0.00 | 35.52 1.56 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.19 0.99 0.00 |
| ASTORIA_GT2_3 24096 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.09 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2.02 0.00 | 41.84 1.46 0.00 | 35.47 1.42 0.00 | 26.70 1.01 -0.04 | 25.70 0.88 -0.25 | 22.55 0.76 0.00 | 21.11 0.78 0.00 | 20.58 0.78 0.00 | 19.89 0.80 0.00 | 20.59 0.91 0.00 | 25.74 1.08 0.00 | 40.93 1.38 0.00 | 35.69 1.46 0.00 | 35.52 1.56 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.19 0.99 0.00 |
| ASTORIA_GT2_4 24097 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.09 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2 | | | | | | | | | | | | | | | | |

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| ASTORIA_GT4_4 24105 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.09 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2.02 0.00 | 41.84 1.46 0.00 | 35.47 1.42 0.00 | 26.70 1.01 -0.04 | 25.70 0.88 -0.25 | 22.55 0.76 0.00 | 21.11 0.78 0.00 | 20.58 0.78 0.00 | 19.89 0.80 0.00 | 20.59 0.91 0.00 | 25.74 1.08 0.00 | 40.93 1.38 0.00 | 35.69 1.46 0.00 | 35.52 1.56 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.19 0.99 0.00 |
| ASTORIA_GT_1 23523 | 31.51 1.28 -0.68 | 36.03 1.05 -0.40 | 35.17 0.97 -0.79 | 30.59 1.10 -0.22 | 34.32 1.13 -0.61 | 29.54 1.08 -0.01 | 34.46 1.43 0.00 | 48.26 2.10 0.00 | 41.90 1.53 0.00 | 35.53 1.48 0.00 | 26.75 1.07 -0.04 | 25.75 0.93 -0.25 | 22.59 0.80 0.00 | 21.15 0.82 0.00 | 20.62 0.81 0.00 | 19.93 0.83 0.00 | 20.63 0.95 0.00 | 25.77 1.12 0.00 | 41.01 1.46 0.00 | 35.75 1.52 0.00 | 35.59 1.62 0.00 | 35.26 1.52 0.00 | 33.72 1.28 0.00 | 26.24 1.04 0.00 |
| ASTORIA_GT_10 24110 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.07 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.72 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.26 0.00 | 26.20 1.00 0.00 |
| ASTORIA_GT_11 24225 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.07 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.72 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.26 0.00 | 26.20 1.00 0.00 |
| ASTORIA_GT_12 24226 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.07 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.72 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.26 0.00 | 26.20 1.00 0.00 |
| ASTORIA_GT_13 24227 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.07 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.72 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.26 0.00 | 26.20 1.00 0.00 |
| ASTORIA_GT_5 24106 | 31.51 1.28 -0.68 | 36.03 1.05 -0.40 | 35.18 0.97 -0.79 | 30.60 1.11 -0.22 | 34.32 1.14 -0.61 | 29.54 1.08 -0.01 | 34.46 1.43 0.00 | 48.26 2.10 0.00 | 41.90 1.52 0.00 | 35.52 1.48 0.00 | 26.75 1.06 -0.04 | 25.74 0.93 -0.25 | 22.59 0.80 0.00 | 21.14 0.82 0.00 | 20.62 0.81 0.00 | 19.93 0.84 0.00 | 20.63 0.95 0.00 | 25.77 1.12 0.00 | 41.00 1.46 0.00 | 35.76 1.53 0.00 | 35.59 1.62 0.00 | 35.26 1.52 0.00 | 33.73 1.28 0.00 | 26.23 1.03 0.00 |
| ASTORIA_GT_7 24107 | 31.51 1.28 -0.68 | 36.03 1.05 -0.40 | 35.18 0.97 -0.79 | 30.60 1.11 -0.22 | 34.32 1.14 -0.61 | 29.54 1.08 -0.01 | 34.46 1.43 0.00 | 48.26 2.10 0.00 | 41.90 1.52 0.00 | 35.52 1.48 0.00 | 26.75 1.06 -0.04 | 25.74 0.93 -0.25 | 22.59 0.80 0.00 | 21.14 0.82 0.00 | 20.62 0.81 0.00 | 19.93 0.84 0.00 | 20.63 0.95 0.00 | 25.77 1.12 0.00 | 41.00 1.46 0.00 | 35.76 1.53 0.00 | 35.59 1.62 0.00 | 35.26 1.52 0.00 | 33.73 1.28 0.00 | 26.23 1.03 0.00 |
| ASTORIA_GT_8 24108 | 31.51 1.28 -0.68 | 36.03 1.05 -0.40 | 35.18 0.97 -0.79 | 30.60 1.11 -0.22 | 34.32 1.14 -0.61 | 29.54 1.08 -0.01 | 34.46 1.43 0.00 | 48.26 2.10 0.00 | 41.90 1.52 0.00 | 35.52 1.48 0.00 | 26.75 1.06 -0.04 | 25.74 0.93 -0.25 | 22.59 0.80 0.00 | 21.14 0.82 0.00 | 20.62 0.81 0.00 | 19.93 0.84 0.00 | 20.63 0.95 0.00 | 25.77 1.12 0.00 | 41.00 1.46 0.00 | 35.76 1.53 0.00 | 35.59 1.62 0.00 | 35.26 1.52 0.00 | 33.73 1.28 0.00 | 26.23 1.03 0.00 |
| ASTORIA___2 24149 | 31.45 1.22 -0.68 | 35.97 0.99 -0.40 | 35.11 0.91 -0.79 | 30.55 1.06 -0.22 | 34.27 1.08 -0.61 | 29.50 1.04 -0.01 | 34.40 1.37 0.00 | 48.19 2.03 0.00 | 41.84 1.46 0.00 | 35.47 1.42 0.00 | 26.70 1.01 -0.04 | 25.70 0.89 -0.25 | 22.54 0.76 0.00 | 21.11 0.78 0.00 | 20.58 0.78 0.00 | 19.89 0.80 0.00 | 20.59 0.91 0.00 | 25.74 1.08 0.00 | 40.93 1.39 0.00 | 35.69 1.46 0.00 | 35.52 1.56 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.19 0.99 0.00 |
| ASTORIA___3 23516 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.63 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.75 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.71 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.27 0.00 | 26.20 0.99 0.00 |
| ASTORIA___4 23517 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.07 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.75 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.72 1.49 0.00 | 35.55 1.59 0.00 | 35.23 1.49 0.00 | 33.71 1.26 0.00 | 26.20 1.00 0.00 |
| ASTORIA___5 23518 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.63 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.75 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.71 1.49 0.00 | 35.55 1.59 0.00 | 35.24 1.50 0.00 | 33.71 1.27 0.00 | 26.20 0.99 0.00 |
| AST_ENERGY_2_CC3 323677 | 31.37 1.14 -0.68 | 35.86 0.88 -0.40 | 34.99 0.79 -0.79 | 30.52 1.04 -0.21 | 34.31 1.13 -0.61 | 29.50 1.05 0.00 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.87 1.49 0.00 | 35.38 1.34 0.00 | 26.67 0.98 -0.04 | 25.66 0.84 -0.25 | 22.49 0.71 0.00 | 21.04 0.71 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.54 0.85 0.00 | 25.71 1.05 0.00 | 40.90 1.35 0.00 | 35.61 1.38 0.00 | 35.44 1.47 0.00 | 35.10 1.36 0.00 | 33.59 1.14 0.00 | 26.10 0.90 0.00 |
| AST_ENERGY_2_CC4 323678 | 31.37 1.14 -0.68 | 35.86 0.88 -0.40 | 34.99 0.79 -0.79 | 30.52 1.04 -0.21 | 34.31 1.13 -0.61 | 29.50 1.05 0.00 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.87 1.49 0.00 | 35.38 1.34 0.00 | 26.67 0.98 -0.04 | 25.66 0.84 -0.25 | 22.49 0.71 0.00 | 21.04 0.71 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.54 0.85 0.00 | 25.71 1.05 0.00 | 40.90 1.35 0.00 | 35.61 1.38 0.00 | 35.44 1.47 0.00 | 35.10 1.36 0.00 | 33.59 1.14 0.00 | 26.10 0.90 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 30.10 0.26 -0.29 | 34.97 0.22 -0.17 | 33.94 0.19 -0.34 | 29.60 0.24 -0.09 | 33.06 0.23 -0.26 | 28.70 0.24 0.00 | 33.42 0.40 0.00 | 46.80 0.64 0.00 | 40.83 0.46 0.00 | 34.39 0.35 0.00 | 25.87 0.21 -0.02 | 24.82 0.15 -0.11 | 21.93 0.15 0.00 | 20.50 0.17 0.00 | 19.94 0.14 0.00 | 19.25 0.15 0.00 | 19.95 0.26 0.00 | 25.02 0.37 0.00 | 40.11 0.56 0.00 | 34.88 0.65 0.00 | 34.65 0.69 0.00 | 34.35 0.61 0.00 | 32.88 0.43 0.00 | 25.50 0.30 0.00 |
| ATHENS_STG_2 23670 | 30.10 0.26 -0.29 | 34.97 0.22 -0.17 | 33.94 0.19 -0.34 | 29.60 0.24 -0.09 | 33.06 0.23 -0.26 | 28.70 0.24 0.00 | 33.42 0.40 0.00 | 46.80 0.64 0.00 | 40.83 0.46 0.00 | 34.39 0.35 0.00 | 25.87 0.21 -0.02 | 24.82 0.15 -0.11 | 21.93 0.15 0.00 | 20.50 0.17 0.00 | 19.94 0.14 0.00 | 19.25 0.15 0.00 | 19.95 0.26 0.00 | 25.02 0.37 0.00 | 40.11 0.56 0.00 | 34.88 0.65 0.00 | 34.65 0.69 0.00 | 34.35 0.61 0.00 | 32.88 0.43 0.00 | 25.50 0.30 0.00 |
| ATHENS_STG_3 23677 | 30.10 0.26 -0.29 | 34.97 0.22 -0.17 | 33.94 0.19 -0.34 | 29.60 0.24 -0.09 | 33.06 0.23 -0.26 | 28.70 0.24 0.00 | 33.42 0.40 0.00 | 46.80 0.64 0.00 | 40.83 0.46 0.00 | 34.39 0.35 0.00 | 25.87 0.21 -0.02 | 24.82 0.15 -0.11 | 21.93 0.15 0.00 | 20.50 0.17 0.00 | 19.94 0.14 0.00 | 19.25 0.15 0.00 | 19.95 0.26 0.00 | 25.02 0.37 0.00 | 40.11 0.56 0.00 | 34.88 0.65 0.00 | 34.65 0.69 0.00 | 34.35 0.61 0.00 | 32.88 0.43 0.00 | 25.50 0.30 0.00 |
| AUBURN___LFGE 323710 | 29.79 0.24 0.00 | 34.81 0.24 0.00 | 33.73 0.32 0.00 | 29.56 0.29 0.00 | 32.83 0.26 0.00 | 28.83 0.38 0.00 | 33.48 0.46 0.00 | 46.59 0.42 0.00 | 40.78 0.40 0.00 | 34.43 0.38 0.00 | 25.98 0.34 0.00 | 24.82 0.26 0.00 | 22.00 0.22 0.00 | 20.43 0.10 0.00 | 19.87 0.07 0.00 | 19.19 0.09 0.00 | 19.78 0.09 0.00 | 24.73 0.08 0.00 | 39.85 0.30 0.00 | 34.61 0.39 0.00 | 34.26 0.29 0.00 | 33.91 0.17 0.00 | 32.57 0.13 0.00 | 25.37 0.16 0.00 |
| BABYLON_RES_REC 323704 | 31.86 1.63 -0.68 | 36.37 1.38 -0.40 | 35.50 1.29 -0.79 | 30.88 1.40 -0.21 | 34.68 1.50 -0.61 | 29.77 1.31 0.00 | 34.77 1.74 0.00 | 48.62 2.46 0.00 | 42.24 1.86 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.53 0.73 0.00 | 19.88 0.79 0.00 | 20.70 1.02 0.00 | 26.51 1.44 -0.41 | 41.52 1.97 0.00 | 36.00 1.77 0.00 | 35.79 1.82 0.00 | 35.36 1.62 0.00 | 33.71 1.27 0.00 | 26.21 1.01 0.00 |
| BABYLON__69_KV_BK2 356345 | 32.15 1.92 -0.68 | 36.70 1.72 -0.40 | 35.81 1.60 -0.79 | 31.16 1.68 -0.21 | 34.98 1.80 -0.61 | 30.01 1.55 0.00 | 35.07 2.04 0.00 | 49.05 2.88 0.00 | 42.63 2.26 0.00 | 35.82 1.78 0.00 | 26.99 1.30 -0.04 | 25.98 1.17 -0.25 | 22.76 0.98 0.00 | 21.29 0.96 0.00 | 20.70 0.90 0.00 | 20.04 0.95 0.00 | 20.89 1.20 0.00 | 26.76 1.70 -0.41 | 41.90 2.35 0.00 | 36.33 2.10 0.00 | 36.11 2.15 0.00 | 35.67 1.93 0.00 | 33.97 1.53 0.00 | 26.40 1.20 0.00 |
| BALL_HILL_WT_PWR 323825 | 29.42 -0.13 0.00 | 34.34 -0.24 0.00 | 33.43 0.02 0.00 | 29.17 -0.10 0.00 | 32.74 0.17 0.00 | 28.57 0.11 0.00 | 32.83 -0.20 0.00 | 43.15 -0.94 2.09 | 39.62 -0.76 0.00 | 33.57 -0.47 0.00 | 25.45 -0.19 0.00 | 24.40 -0.16 0.00 | 21.53 -0.26 0.00 | 19.95 -0.37 0.00 | 19.49 -0.31 0.00 | 18.75 -0.34 0.00 | 19.29 -0.40 0.00 | 23.93 -0.72 0.00 | 38.18 -1.37 0.00 | 33.23 -0.99 0.00 | 32.60 -1.36 0.00 | 32.01 -1.73 0.00 | 31.07 -1.37 0.00 | 24.39 -0.81 0.00 |
| BARON_WINDS___WT_PWR 323822 | 29.32 -0.24 0.00 | 34.29 -0.28 0.00 | 33.43 0.02 0.00 | 28.93 -0.34 0.00 | 32.35 -0.22 0.00 | 28.41 -0.04 0.00 | 32.94 -0.09 0.00 | 48.14 0.15 -1.83 | 40.63 0.25 0.00 | 34.40 0.36 0.00 | 26.01 0.37 0.00 | 24.96 0.40 0.00 | 22.10 0.31 0.00 | 20.45 0.12 0.00 | 19.90 0.10 0.00 | 19.13 0.04 0.00 | 19.77 0.08 0.00 | 24.70 0.04 0.00 | 39.79 0.24 0.00 | 34.80 0.57 0.00 | 34.33 0.37 0.00 | 33.83 0.09 0.00 | 32.31 -0.14 0.00 | 25.13 -0.07 0.00 |
| BARRETT_IC_1 23704 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_10 23701 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_11 23702 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_12 23703 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_2 23705 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_3 23706 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_4 23707 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BARRETT_IC_5 23708 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_6 23709 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_7 23710 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.24 1.04 -0.79 | 30.65 1.17 -0.21 | 34.43 1.25 -0.61 | 29.58 1.12 0.00 | 34.55 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.23 1.19 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.71 0.00 | 19.86 0.77 0.00 | 20.66 0.97 0.00 | 26.37 1.30 -0.41 | 41.24 1.70 0.00 | 35.71 1.49 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_8 23711 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT_IC_9 23700 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT___1 23545 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BARRETT___2 23546 | 31.61 1.38 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.64 1.16 -0.21 | 34.43 1.24 -0.61 | 29.58 1.12 0.00 | 34.56 1.53 0.00 | 48.34 2.18 0.00 | 41.93 1.55 0.00 | 35.22 1.18 0.00 | 26.63 0.95 -0.04 | 25.71 0.89 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.52 0.72 0.00 | 19.86 0.77 0.00 | 20.65 0.97 0.00 | 26.37 1.30 -0.41 | 41.25 1.70 0.00 | 35.71 1.48 0.00 | 35.51 1.54 0.00 | 35.11 1.37 0.00 | 33.51 1.07 0.00 | 26.09 0.88 0.00 |
| BATAVIA___115KV_TB1 55881 | 29.63 0.07 0.00 | 34.60 0.03 0.00 | 33.64 0.22 0.00 | 29.37 0.10 0.00 | 32.96 0.39 0.00 | 28.86 0.40 0.00 | 33.12 0.09 0.00 | 45.57 -0. | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 31.34 1.11 -0.68 | 35.82 0.84 -0.40 | 34.96 0.76 -0.79 | 30.49 1.01 -0.21 | 34.27 1.08 -0.61 | 29.46 1.01 0.00 | 34.40 1.37 0.00 | 48.16 2.00 0.00 | 41.82 1.45 0.00 | 35.34 1.30 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.02 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.03 0.00 | 40.86 1.31 0.00 | 35.57 1.35 0.00 | 35.41 1.44 0.00 | 35.06 1.32 0.00 | 33.56 1.11 0.00 | 26.09 0.89 0.00 |
| BAYONEEC___CTG8 323689 | 31.34 1.11 -0.68 | 35.82 0.84 -0.40 | 34.96 0.76 -0.79 | 30.49 1.01 -0.21 | 34.27 1.08 -0.61 | 29.46 1.01 0.00 | 34.40 1.37 0.00 | 48.16 2.00 0.00 | 41.82 1.45 0.00 | 35.34 1.30 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.02 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.03 0.00 | 40.86 1.31 0.00 | 35.57 1.35 0.00 | 35.41 1.44 0.00 | 35.06 1.32 0.00 | 33.56 1.11 0.00 | 26.09 0.89 0.00 |
| BAYONEEC___CTG9 323749 | 31.34 1.11 -0.68 | 35.82 0.84 -0.40 | 34.96 0.76 -0.79 | 30.49 1.01 -0.21 | 34.27 1.08 -0.61 | 29.46 1.01 0.00 | 34.40 1.37 0.00 | 48.16 2.00 0.00 | 41.82 1.45 0.00 | 35.34 1.30 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.02 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.03 0.00 | 40.86 1.31 0.00 | 35.57 1.35 0.00 | 35.41 1.44 0.00 | 35.06 1.32 0.00 | 33.56 1.11 0.00 | 26.09 0.89 0.00 |
| BEACON___LESR 323632 | 29.67 0.67 0.56 | 35.04 0.80 0.34 | 33.46 0.70 0.65 | 29.78 0.68 0.17 | 32.80 0.74 0.51 | 29.22 0.76 0.00 | 34.01 0.98 0.00 | 47.68 1.51 0.00 | 41.62 1.25 0.00 | 34.99 0.95 0.00 | 26.28 0.67 0.03 | 24.92 0.57 0.21 | 22.29 0.51 0.00 | 20.80 0.48 0.00 | 20.20 0.41 0.00 | 19.50 0.41 0.00 | 20.19 0.49 0.00 | 25.47 0.81 0.00 | 40.97 1.42 0.00 | 35.63 1.40 0.00 | 35.39 1.43 0.00 | 34.99 1.25 0.00 | 33.50 1.06 0.00 | 25.92 0.72 0.00 |
| BEAVER RIVER___HYD 24048 | 30.05 0.50 0.00 | 35.14 0.56 0.00 | 33.71 0.30 0.00 | 29.26 -0.01 0.00 | 32.33 -0.24 0.00 | 28.34 -0.11 0.00 | 32.99 -0.04 0.00 | 46.42 0.26 0.00 | 40.84 0.46 0.00 | 34.38 0.34 0.00 | 25.96 0.32 0.00 | 24.78 0.22 0.00 | 21.85 0.06 0.00 | 20.26 -0.07 0.00 | 19.63 -0.17 0.00 | 18.86 -0.24 0.00 | 19.42 -0.26 0.00 | 24.53 -0.13 0.00 | 39.98 0.43 0.00 | 35.18 0.95 0.00 | 34.94 0.97 0.00 | 34.57 0.83 0.00 | 33.15 0.70 0.00 | 25.55 0.35 0.00 |
| BEEBEE_GT_13 23619 | 29.31 -0.24 0.00 | 34.24 -0.34 0.00 | 33.21 -0.20 0.00 | 29.03 -0.24 0.00 | 32.50 -0.08 0.00 | 28.43 -0.03 0.00 | 32.78 -0.25 0.00 | 45.38 -0.79 0.00 | 39.66 -0.72 0.00 | 33.48 -0.57 0.00 | 25.34 -0.30 0.00 | 24.27 -0.29 0.00 | 21.43 -0.35 0.00 | 19.92 -0.41 0.00 | 19.42 -0.38 0.00 | 18.72 -0.38 0.00 | 19.27 -0.42 0.00 | 24.04 -0.61 0.00 | 38.54 -1.01 0.00 | 33.54 -0.68 0.00 | 33.10 -0.87 0.00 | 32.58 -1.16 0.00 | 31.54 -0.91 0.00 | 24.71 -0.49 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 31.75 1.52 -0.68 | 36.22 1.24 -0.40 | 35.35 1.15 -0.79 | 30.86 1.37 -0.22 | 34.66 1.47 -0.61 | 29.81 1.34 -0.01 | 34.77 1.75 0.00 | 48.52 2.36 0.00 | 42.14 1.76 0.00 | 35.68 1.64 0.00 | 26.91 1.22 -0.04 | 25.88 1.06 -0.25 | 22.69 0.90 0.00 | 21.23 0.90 0.00 | 20.67 0.87 0.00 | 19.98 0.88 0.00 | 20.72 1.03 0.00 | 25.92 1.27 0.00 | 41.18 1.63 0.00 | 35.89 1.67 0.00 | 35.78 1.81 0.00 | 35.48 1.74 0.00 | 33.96 1.51 0.00 | 26.40 1.20 0.00 |
| BETHLEHEM___GRP 23843 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.40 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.04 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.91 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| BETHLEHEM___GS1 323560 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.39 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.03 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.92 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| BETHLEHEM___GS2 323561 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.39 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.03 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.92 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| BETHLEHEM___GS3 323562 | 29.39 0.37 0.53 | 34.68 0.42 0.32 | 33.17 0.37 0.61 | 29.50 0.39 0.16 | 32.49 0.39 0.48 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.00 0.83 0.00 | 41.06 0.69 0.00 | 34.60 0.56 0.00 | 26.01 0.40 0.03 | 24.71 0.34 0.20 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.38 0.29 0.00 | 20.03 0.35 0.00 | 25.19 0.54 0.00 | 40.46 0.92 0.00 | 35.19 0.97 0.00 | 34.96 0.99 0.00 | 34.65 0.91 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| BETHLEHEM___STEEL 23779 | 29.42 -0.14 0.00 | 34.36 -0.21 0.00 | 33.43 0.02 0.00 | 29.19 -0.08 0.00 | 32.76 0.18 0.00 | 28.64 0.18 0.00 | 32.84 -0.19 0.00 | 45.14 -1.03 0.00 | 39.52 -0.86 0.00 | 33.48 -0.56 0.00 | 25.43 -0.22 0.00 | 24.38 -0.18 0.00 | 21.48 -0.31 0.00 | 19.93 -0.39 0.00 | 19.47 -0.34 0.00 | 18.75 -0.34 0.00 | 19.24 -0.45 0.00 | 23.93 -0.73 0.00 | 38.15 -1.40 0.00 | 33.16 -1.07 0.00 | 32.55 -1.42 0.00 | 31.91 -1.83 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| BETHLHEM_115KV_TB1 79974 | 29.40 0.34 0.50 | 34.67 0.39 0.30 | 33.18 0.35 0.58 | 29.48 0.37 0.15 | 32.49 0.36 0.45 | 28.84 0.39 0.00 | 33.56 0.53 0.00 | 46.95 0.79 0.00 | 41.03 0.65 0.00 | 34.57 0.52 0.00 | 25.98 0.36 0.03 | 24.69 0.32 0.18 | 22.09 0.30 0.00 | 20.63 0.31 0.00 | 20.06 0.26 0.00 | 19.36 0.27 0.00 | 20.02 0.33 0.00 | 25.16 0.50 0.00 | 40.42 0.87 0.00 | 35.14 0.91 0.00 | 34.89 0.93 0.00 | 34.59 0.86 0.00 | 33.11 0.66 0.00 | 25.66 0.46 0.00 |
| BETHPAGE_CC_5 323564 | 31.80 1.57 -0.68 | 36.31 1.33 -0.40 | 35.43 1.23 -0.79 | 30.82 1.34 -0.21 | 34.62 1.44 -0.61 | 29.73 1.27 0.00 | 34.74 1.71 0.00 | 48.58 2.41 0.00 | 42.18 1.80 0.00 | 35.49 1.45 0.00 | 26.78 1.10 -0.04 | 25.80 0.99 -0.25 | 22.61 0.82 0.00 | 21.15 0.83 0.00 | 20.58 0.77 0.00 | 19.92 0.83 0.00 | 20.73 1.04 0.00 | 26.48 1.41 -0.41 | 41.41 1.87 0.00 | 35.91 1.68 0.00 | 35.71 1.74 0.00 | 35.28 1.54 0.00 | 33.66 1.21 0.00 | 26.20 1.00 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 29.56 0.00 0.00 | 34.53 -0.05 0.00 | 33.60 0.18 0.00 | 29.33 0.06 0.00 | 32.92 0.35 0.00 | 28.78 0.32 0.00 | 33.02 -0.01 0.00 | 45.41 -0.76 0.00 | 39.76 -0.62 0.00 | 33.67 -0.37 0.00 | 25.58 -0.06 0.00 | 24.53 -0.03 0.00 | 21.61 -0.18 0.00 | 20.05 -0.27 0.00 | 19.58 -0.22 0.00 | 18.85 -0.24 0.00 | 19.35 -0.33 0.00 | 24.07 -0.59 0.00 | 38.38 -1.17 0.00 | 33.36 -0.86 0.00 | 32.74 -1.22 0.00 | 32.11 -1.63 0.00 | 31.29 -1.15 0.00 | 24.65 -0.56 0.00 |

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| BINGHAMTON___COGEN 23790 | 29.69 0.13 0.00 | 34.61 0.04 0.00 | 33.56 0.15 0.00 | 29.34 0.07 0.00 | 32.74 0.17 0.00 | 28.61 0.15 0.00 | 33.25 0.22 0.00 | 46.48 0.32 0.00 | 40.63 0.25 0.00 | 34.32 0.28 0.00 | 25.86 0.22 0.00 | 24.74 0.18 0.00 | 21.91 0.13 0.00 | 20.36 0.04 0.00 | 19.83 0.02 0.00 | 19.10 0.01 0.00 | 19.73 0.04 0.00 | 24.67 0.01 0.00 | 39.65 0.10 0.00 | 34.51 0.29 0.00 | 34.20 0.23 0.00 | 33.83 0.09 0.00 | 32.51 0.07 0.00 | 25.25 0.05 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 29.82 0.27 0.00 | 34.93 0.36 0.00 | 34.03 0.62 0.00 | 29.73 0.46 0.00 | 33.42 0.85 0.00 | 29.24 0.78 0.00 | 33.52 0.49 0.00 | 46.25 0.09 0.00 | 40.64 0.27 0.00 | 34.44 0.40 0.00 | 26.23 0.59 0.00 | 25.21 0.65 0.00 | 22.17 0.39 0.00 | 20.54 0.22 0.00 | 20.04 0.24 0.00 | 19.27 0.17 0.00 | 19.81 0.12 0.00 | 24.60 -0.06 0.00 | 39.10 -0.45 0.00 | 34.03 -0.20 0.00 | 33.31 -0.66 0.00 | 32.54 -1.19 0.00 | 31.81 -0.63 0.00 | 24.86 -0.34 0.00 |
| BLACK RIVER___HYD 24047 | 30.31 0.75 0.00 | 35.41 0.84 0.00 | 33.94 0.53 0.00 | 29.44 0.17 0.00 | 32.52 -0.05 0.00 | 28.54 0.08 0.00 | 33.21 0.19 0.00 | 46.86 0.69 0.00 | 41.14 0.77 0.00 | 34.54 0.50 0.00 | 26.08 0.44 0.00 | 24.86 0.30 0.00 | 21.85 0.07 0.00 | 20.22 -0.10 0.00 | 19.57 -0.24 0.00 | 18.78 -0.31 0.00 | 19.36 -0.33 0.00 | 24.48 -0.18 0.00 | 40.09 0.54 0.00 | 35.64 1.41 0.00 | 35.43 1.47 0.00 | 34.99 1.25 0.00 | 33.50 1.05 0.00 | 25.74 0.54 0.00 |
| BLACKRVR_115KV_TB2 79977 | 30.31 0.75 0.00 | 35.42 0.84 0.00 | 33.93 0.52 0.00 | 29.44 0.17 0.00 | 32.52 -0.05 0.00 | 28.54 0.08 0.00 | 33.21 0.18 0.00 | 46.86 0.69 0.00 | 41.14 0.77 0.00 | 34.54 0.50 0.00 | 26.08 0.44 0.00 | 24.86 0.30 0.00 | 21.85 0.07 0.00 | 20.22 -0.10 0.00 | 19.57 -0.24 0.00 | 18.78 -0.31 0.00 | 19.36 -0.33 0.00 | 24.48 -0.18 0.00 | 40.09 0.54 0.00 | 35.64 1.41 0.00 | 35.43 1.47 0.00 | 34.99 1.25 0.00 | 33.50 1.05 0.00 | 25.74 0.54 0.00 |
| BLISS_WT_PWR 323608 | 29.75 0.20 0.00 | 34.89 0.31 0.00 | 34.03 0.61 0.00 | 29.72 0.45 0.00 | 33.41 0.84 0.00 | 29.26 0.80 0.00 | 33.51 0.48 0.00 | 44.13 0.08 2.11 | 40.67 0.29 0.00 | 34.46 0.42 0.00 | 26.24 0.60 0.00 | 25.23 0.67 0.00 | 22.20 0.42 0.00 | 20.57 0.24 0.00 | 20.06 0.27 0.00 | 19.29 0.20 0.00 | 19.86 0.18 0.00 | 24.63 -0.03 0.00 | 39.12 -0.42 0.00 | 34.05 -0.17 0.00 | 33.30 -0.66 0.00 | 32.47 -1.26 0.00 | 31.78 -0.66 0.00 | 24.80 -0.40 0.00 |
| BLUESTONE___WT_PWR 323821 | 30.99 1.44 0.00 | 35.13 0.55 0.00 | 34.91 1.50 0.00 | 30.58 1.31 0.00 | 34.00 1.43 0.00 | 30.07 1.62 0.00 | 34.59 1.57 0.00 | 48.86 2.32 -0.38 | 42.63 2.25 0.00 | 35.97 1.93 0.00 | 27.08 1.44 0.00 | 25.97 1.41 0.00 | 22.98 1.20 0.00 | 21.33 1.00 0.00 | 20.70 0.90 0.00 | 19.91 0.82 0.00 | 20.65 0.97 0.00 | 26.00 1.34 0.00 | 42.08 2.53 0.00 | 36.65 2.42 0.00 | 36.18 2.22 0.00 | 35.66 1.92 0.00 | 34.02 1.58 0.00 | 26.40 1.20 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 29.71 0.49 0.34 | 34.98 0.60 0.20 | 33.59 0.57 0.39 | 29.71 0.55 0.11 | 32.82 0.55 0.30 | 29.00 0.54 0.00 | 33.73 0.70 0.00 | 47.19 1.03 0.00 | 41.18 0.80 0.00 | 34.68 0.64 0.00 | 26.05 0.43 0.02 | 24.78 0.34 0.13 | 22.08 0.30 0.00 | 20.60 0.27 0.00 | 20.02 0.22 0.00 | 19.31 0.22 0.00 | 19.98 0.29 0.00 | 25.15 0.50 0.00 | 40.52 0.97 0.00 | 35.25 1.02 0.00 | 34.99 1.03 0.00 | 34.68 0.94 0.00 | 33.21 0.76 0.00 | 25.74 0.54 0.00 |
| BOC_GAS_DRP 24189 | 29.46 0.23 0.33 | 34.64 0.26 0.20 | 33.26 0.23 0.39 | 29.42 0.25 0.10 | 32.52 0.24 0.30 | 28.72 0.26 0.00 | 33.41 0.38 0.00 | 46.74 0.58 0.00 | 40.82 0.44 0.00 | 34.39 0.35 0.00 | 25.86 0.23 0.02 | 24.62 0.18 0.12 | 21.96 0.18 0.00 | 20.52 0.19 0.00 | 19.96 0.16 0.00 | 19.26 0.16 0.00 | 19.92 0.23 0.00 | 25.01 0.35 0.00 | 40.13 0.58 0.00 | 34.89 0.66 0.00 | 34.65 0.68 0.00 | 34.35 0.62 0.00 | 32.90 0.46 0.00 | 25.52 0.31 0.00 |
| BOONVILLE_115KV_TB1 79983 | 30.33 0.78 0.00 | 35.40 0.83 0.00 | 34.09 0.68 0.00 | 29.75 0.47 0.00 | 33.00 0.43 0.00 | 28.92 0.46 0.00 | 33.67 0.64 0.00 | 47.20 1.03 0.00 | 41.40 1.03 0.00 | 34.86 0.82 0.00 | 26.29 0.64 0.00 | 25.11 0.55 0.00 | 22.19 0.41 0.00 | 20.63 0.30 0.00 | 20.03 0.23 0.00 | 19.28 0.19 0.00 | 19.90 0.21 0.00 | 25.05 0.39 0.00 | 40.57 1.02 0.00 | 35.44 1.22 0.00 | 35.18 1.22 0.00 | 34.82 1.08 0.00 | 33.39 0.95 0.00 | 25.83 0.63 0.00 |
| BORALEX_4TH_BRANCH 23824 | 28.22 0.04 1.37 | 33.84 0.08 0.82 | 31.80 -0.02 1.59 | 28.94 0.10 0.43 | 31.38 0.04 1.23 | 28.65 0.20 0.00 | 33.30 0.27 0.00 | 46.64 0.47 0.00 | 40.91 0.53 0.00 | 34.43 0.39 0.00 | 25.80 0.24 0.08 | 24.21 0.16 0.51 | 21.99 0.20 0.00 | 20.54 0.22 0.00 | 19.95 0.14 0.00 | 19.26 0.17 0.00 | 19.92 0.23 0.00 | 25.14 0.49 0.00 | 40.49 0.94 0.00 | 35.30 1.08 0.00 | 35.08 1.12 0.00 | 34.74 1.00 0.00 | 33.15 0.71 0.00 | 25.64 0.44 0.00 |
| BOWLINE___1 23526 | 31.12 0.92 -0.64 | 35.67 0.71 -0.38 | 34.81 0.65 -0.75 | 30.24 0.77 -0.20 | 33.96 0.81 -0.58 | 29.24 0.78 0.00 | 34.17 1.14 0.00 | 47.88 1.72 0.00 | 41.61 1.24 0.00 | 35.06 1.02 0.00 | 26.36 0.68 -0.04 | 25.35 0.56 -0.24 | 22.27 0.48 0.00 | 20.82 0.50 0.00 | 20.25 0.45 0.00 | 19.55 0.46 0.00 | 20.30 0.62 0.00 | 25.44 0.79 0.00 | 40.60 1.05 0.00 | 35.38 1.16 0.00 | 35.20 1.24 0.00 | 34.84 1.09 0.00 | 33.34 0.90 0.00 | 25.92 0.71 0.00 |
| BOWLINE___2 23595 | 31.12 0.92 -0.64 | 35.67 0.71 -0.38 | 34.81 0.65 -0.75 | 30.24 0.77 -0.20 | 33.96 0.81 -0.58 | 29.24 0.78 0.00 | 34.17 1.14 0.00 | 47.88 1.72 0.00 | 41.61 1.24 0.00 | 35.06 1.02 0.00 | 26.36 0.68 -0.04 | 25.35 0.56 -0.24 | 22.27 0.48 0.00 | 20.82 0.50 0.00 | 20.25 0.45 0.00 | 19.55 0.46 0.00 | 20.30 0.62 0.00 | 25.44 0.79 0.00 | 40.60 1.05 0.00 | 35.38 1.16 0.00 | 35.21 1.24 0.00 | 34.84 1.09 0.00 | 33.34 0.90 0.00 | 25.92 0.71 0.00 |
| BRADY___115KV_TB2 356060 | 30.00 0.45 0.00 | 35.27 0.70 0.00 | 34.04 0.63 0.00 | 29.75 0.48 0.00 | 33.10 0.53 0.00 | 28.79 0.33 0.00 | 33.28 0.25 0.00 | 46.49 0.32 0.00 | 40.69 0.31 0.00 | 34.18 0.14 0.00 | 25.75 0.10 0.00 | 24.69 0.12 0.00 | 21.84 0.06 0.00 | 20.33 0.01 0.00 | 19.88 0.08 0.00 | 19.13 0.04 0.00 | 19.61 -0.07 0.00 | 24.61 -0.05 0.00 | 39.69 0.14 0.00 | 34.35 0.12 0.00 | 34.09 0.12 0.00 | 33.97 0.23 0.00 | 32.82 0.37 0.00 | 25.46 0.26 0.00 |
| BRANSCOMB___SOLAR 323811 | 29.58 0.72 0.70 | 35.01 0.85 0.42 | 33.36 0.76 0.81 | 29.76 0.70 0.22 | 32.66 0.72 0.63 | 29.20 0.75 0.00 | 33.94 0.91 0.00 | 47.53 1.37 0.00 | 41.70 1.32 0.00 | 35.17 1.13 0.00 | 26.42 0.81 0.04 | 25.00 0.70 0.26 | 22.35 0.56 0.00 | 20.82 0.49 0.00 | 20.21 0.41 0.00 | 19.48 0.39 0.00 | 20.18 0.49 0.00 | 25.48 0.83 0.00 | 41.06 1.51 0.00 | 35.76 1.53 0.00 | 35.49 1.52 0.00 | 35.09 1.35 0.00 | 33.48 1.04 0.00 | 25.88 0.68 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 32.02 1.79 -0.68 | 36.55 1.57 -0.40 | 35.67 1.47 -0.79 | 31.04 1.56 -0.21 | 34.86 1.68 -0.61 | 29.89 1.43 0.00 | 34.92 1.89 0.00 | 48.81 2.65 0.00 | 42.45 2.07 0.00 | 35.70 1.66 0.00 | 26.91 1.22 -0.04 | 25.90 1.09 -0.25 | 22.70 0.91 0.00 | 21.23 0.90 0.00 | 20.64 0.84 0.00 | 19.99 0.90 0.00 | 20.83 1.14 0.00 | 26.68 1.61 -0.41 | 41.73 2.19 0.00 | 36.13 1.90 0.00 | 35.92 1.95 0.00 | 35.49 1.76 0.00 | 33.81 1.37 0.00 | 26.28 1.08 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 29.12 -0.43 0.00 | 34.01 -0.57 0.00 | 32.92 -0.50 0.00 | 28.81 -0.45 0.00 | 32.12 -0.45 0.00 | 28.10 -0.35 0.00 | 32.62 -0.42 0.00 | 45.52 -0.64 0.00 | 39.78 -0.60 0.00 | 33.53 -0.51 0.00 | 25.26 -0.38 0.00 | 24.19 -0.37 0.00 | 21.46 -0.32 0.00 | 20.01 -0.32 0.00 | 19.47 -0.34 0.00 | 18.78 -0.32 0.00 | 19.37 -0.32 0.00 | 24.19 -0.47 0.00 | 38.84 -0.71 0.00 | 33.80 -0.43 0.00 | 33.50 -0.47 0.00 | 33.13 -0.61 0.00 | 31.85 -0.59 0.00 | 24.77 -0.43 0.00 |
| BROOKHAVEN___DRP 24191 | 31.77 1.54 -0.68 | 36.26 1.28 -0.40 | 35.39 1.19 -0.79 | 30.80 1.32 -0.21 | 34.58 1.40 -0.61 | 29.54 1.08 0.00 | 34.47 1.44 0.00 | 48.19 2.03 0.00 | 42.18 1.80 0.00 | 35.48 1.44 0.00 | 26.77 1.09 -0.04 | 25.75 0.94 -0.25 | 22.56 0.78 0.00 | 21.12 0.79 0.00 | 20.53 0.73 0.00 | 19.87 0.78 0.00 | 20.73 1.04 0.00 | 26.53 1.46 -0.41 | 41.29 1.74 0.00 | 35.66 1.44 0.00 | 35.45 1.48 0.00 | 35.08 1.34 0.00 | 33.31 0.87 0.00 | 25.89 0.69 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 31.35 1.12 -0.68 | 35.84 0.86 -0.40 | 34.96 0.76 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.48 1.02 0.00 | 34.41 1.38 0.00 | 48.16 2.00 0.00 | 41.83 1.45 0.00 | 35.35 1.31 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.71 0.00 | 21.03 0.70 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.54 0.85 0.00 | 25.68 1.03 0.00 | 40.88 1.34 0.00 | 35.61 1.38 0.00 | 35.43 1.47 0.00 | 35.09 1.35 0.00 | 33.57 1.13 0.00 | 26.08 0.88 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 31.96 1.73 -0.68 | 36.52 1.54 -0.40 | 35.64 1.44 -0.79 | 30.99 1.51 -0.21 | 34.81 1.63 -0.61 | 29.92 1.46 0.00 | 34.96 1.93 0.00 | 48.90 2.74 0.00 | 42.45 2.07 0.00 | 35.73 1.69 0.00 | 26.95 1.27 -0.04 | 25.95 1.14 -0.25 | 22.75 0.97 0.00 | 21.29 0.96 0.00 | 20.70 0.90 0.00 | 20.04 0.95 0.00 | 20.84 1.16 0.00 | 26.62 1.56 -0.41 | 41.70 2.15 0.00 | 36.20 1.97 0.00 | 35.98 2.02 0.00 | 35.56 1.83 0.00 | 33.95 1.51 0.00 | 26.40 1.20 0.00 |
| BROOME_2_LFGE 323671 | 29.69 0.13 0.00 | 34.61 0.04 0.00 | 33.56 0.15 0.00 | 29.34 0.07 0.00 | 32.74 0.17 0.00 | 28.61 0.15 0.00 | 33.25 0.22 0.00 | 47.02 0.32 -0.54 | 40.63 0.26 0.00 | 34.32 0.28 0.00 | 25.86 0.21 0.00 | 24.74 0.17 0.00 | 21.91 0.13 0.00 | 20.36 0.04 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.73 0.04 0.00 | 24.67 0.01 0.00 | 39.65 0.10 0.00 | 34.51 0.29 0.00 | 34.21 0.24 0.00 | 33.83 0.09 0.00 | 32.51 0.07 0.00 | 25.25 0.05 0.00 |
| BROOME___LFGE 323600 | 29.69 0.13 0.00 | 34.61 0.04 0.00 | 33.56 0.15 0.00 | 29.34 0.07 0.00 | 32.74 0.17 0.00 | 28.61 0.15 0.00 | 33.25 0.22 0.00 | 47.02 0.32 -0.54 | 40.63 0.26 0.00 | 34.32 0.28 0.00 | 25.86 0.21 0.00 | 24.74 0.17 0.00 | 21.91 0.13 0.00 | 20.36 0.04 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.73 0.04 0.00 | 24.67 0.01 0.00 | 39.65 0.10 0.00 | 34.51 0.29 0.00 | 34.21 0.24 0.00 | 33.83 0.09 0.00 | 32.51 0.07 0.00 | 25.25 0.05 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 29.42 -0.13 0.00 | 34.48 -0.10 0.00 | 33.16 -0.26 0.00 | 28.85 -0.42 0.00 | 31.96 -0.61 0.00 | 27.92 -0.54 0.00 | 32.39 -0.63 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.57 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 31.68 1.45 -0.68 | 36.21 1.23 -0.40 | 35.33 1.13 -0.79 | 30.80 1.32 -0.21 | 34.60 1.41 -0.61 | 29.76 1.30 0.00 | 34.75 1.72 0.00 | 48.64 2.48 0.00 | 42.27 1.89 0.00 | 35.73 1.68 0.00 | 26.93 1.24 -0.04 | 25.91 1.10 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.68 0.88 0.00 | 20.00 0.91 0.00 | 20.74 1.05 0.00 | 25.97 1.31 0.00 | 41.32 1.77 0.00 | 36.00 1.77 0.00 | 35.83 1.87 0.00 | 35.48 1.74 0.00 | 33.94 1.50 0.00 | 26.37 1.17 0.00 |
| BURROWS___LYONSDAL 23803 | 30.27 0.72 0.00 | 35.35 0.77 0.00 | 33.99 0.58 0.00 | 29.61 0.34 0.00 | 32.80 0.23 0.00 | 28.75 0.30 0.00 | 33.48 0.46 0.00 | 47.00 0.83 0.00 | 41.27 0.90 0.00 | 34.76 0.72 0.00 | 26.23 0.59 0.00 | 25.05 0.49 0.00 | 22.13 0.34 0.00 | 20.56 0.23 0.00 | 19.95 0.14 0.00 | 19.19 0.09 0.00 | 19.80 0.11 0.00 | 24.93 0.28 0.00 | 40.46 0.91 0.00 | 35.41 1.19 0.00 | 35.15 1.18 0.00 | 34.78 1.04 0.00 | 33.34 0.90 0.00 | 25.78 0.58 0.00 |
| CAITHNESS_CC_1 323624 | 31.74 1.51 -0.68 | 36.21 1.23 -0.40 | 35.36 1.16 -0.79 | 30.76 1.28 -0.21 | 34.55 1.37 -0.61 | 29.54 1.08 0.00 | 34.48 1.45 0.00 | 48.20 2.03 0.00 | 42.12 1.75 0.00 | 35.43 1.39 0.00 | 26.73 1.04 -0.04 | 25.71 0.90 -0.25 | 22.53 0.75 0.00 | 21.10 0.77 0.00 | 20.51 0.71 0.00 | 19.85 0.76 0.00 | 20.70 1.01 0.00 | 26.49 1.42 -0.41 | 41.26 1.72 0.00 | 35.66 1.43 0.00 | 35.45 1.48 0.00 | 35.07 1.33 0.00 | 33.33 0.89 0.00 | 25.91 0.71 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 31.74 1.51 -0.68 | 36.24 1.26 -0.40 | 35.37 1.16 -0.79 | 30.76 1.28 -0.21 | 34.55 1.37 -0.61 | 29.67 1.22 0.00 | 34.67 1.65 0.00 | 48.49 2.33 0.00 | 42.09 1.71 0.00 | 35.43 1.39 0.00 | 26.74 1.06 -0.04 | 25.77 0.96 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.56 0.75 0.00 | 19.90 0.81 0.00 | 20.70 1.02 0.00 | 26.39 1.32 -0.41 | 41.27 1.73 0.00 | 35.79 1.57 0.00 | 35.59 1.63 0.00 | 35.16 1.43 0.00 | 33.55 1.11 0.00 | 26.16 0.96 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 31.74 1.51 -0.68 | 36.24 1.26 -0.40 | 35.36 1.16 -0.79 | 30.76 1.28 -0.21 | 34.55 1.37 -0.61 | 29.67 1.22 0.00 | 34.67 1.65 0.00 | 48.49 2.32 0.00 | 42.09 1.71 0.00 | 35.42 1.38 0.00 | 26.74 1.06 -0.04 | 25.77 0.96 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.56 0.75 0.00 | 19.90 0.81 0.00 | 20.70 1.01 0.00 | 26.39 1.32 -0.41 | 41.27 1.73 0.00 | 35.79 1.57 0.00 | 35.59 1.62 0.00 | 35.16 1.43 0.00 | 33.55 1.11 0.00 | 26.16 0.96 0.00 |
| CALPINE_BP_GT1 23823 | 31.74 1.51 -0.68 | 36.24 1.26 -0.40 | 35.36 1.16 -0.79 | 30.76 1.28 -0.21 | 34.55 1.37 -0.61 | 29.67 1.22 0.00 | 34.67 1.65 0.00 | 48.49 2.32 0.00 | 42.09 1.71 0.00 | 35.42 1.38 0.00 | 26.74 1.06 -0.04 | 25.77 0.96 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.56 0.75 0.00 | 19.90 0.81 0.00 | 20.70 1.01 0.00 | 26.39 1.32 -0.41 | 41.27 1.73 0.00 | 35.79 1.57 0.00 | 35.59 1.62 0.00 | 35.16 1.43 0.00 | 33.55 1.11 0.00 | 26.16 0.96 0.00 |
| CALSPAN___DRP 24200 | 29.42 -0.14 0.00 | 34.36 -0.21 0.00 | 33.43 0.02 0.00 | 29.19 -0.08 0.00 | 32.76 0.18 0.00 | 28.64 0.18 0.00 | 32.84 -0.19 0.00 | 45.14 -1.03 0.00 | 39.52 -0.86 0.00 | 33.48 -0.56 0.00 | 25.43 -0.22 0.00 | 24.38 -0.18 0.00 | 21.48 -0.31 0.00 | 19.93 -0.39 0.00 | 19.47 -0.34 0.00 | 18.75 -0.34 0.00 | 19.24 -0.45 0.00 | 23.93 -0.73 0.00 | 38.15 -1.40 0.00 | 33.16 -1.07 0.00 | 32.55 -1.42 0.00 | 31.91 -1.83 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |

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| CALVERTON___SOLAR 323806 | 31.83 1.60 -0.68 | 36.30 1.32 -0.40 | 35.44 1.23 -0.79 | 30.84 1.36 -0.21 | 34.64 1.46 -0.61 | 29.58 1.12 0.00 | 34.50 1.47 0.00 | 48.23 2.06 0.00 | 42.26 1.88 0.00 | 35.54 1.50 0.00 | 26.81 1.13 -0.04 | 25.78 0.97 -0.25 | 22.59 0.81 0.00 | 21.15 0.83 0.00 | 20.55 0.75 0.00 | 19.89 0.80 0.00 | 20.75 1.06 0.00 | 26.57 1.50 -0.41 | 41.34 1.79 0.00 | 35.69 1.47 0.00 | 35.48 1.51 0.00 | 35.13 1.39 0.00 | 33.33 0.89 0.00 | 25.90 0.70 0.00 |
| CANDIGU_WT_PWR 323617 | 29.32 -0.24 0.00 | 34.29 -0.28 0.00 | 33.43 0.02 0.00 | 28.93 -0.34 0.00 | 32.35 -0.22 0.00 | 28.41 -0.04 0.00 | 32.94 -0.09 0.00 | 48.14 0.15 -1.83 | 40.63 0.25 0.00 | 34.40 0.36 0.00 | 26.01 0.37 0.00 | 24.96 0.40 0.00 | 22.10 0.31 0.00 | 20.45 0.12 0.00 | 19.90 0.10 0.00 | 19.13 0.04 0.00 | 19.77 0.08 0.00 | 24.70 0.04 0.00 | 39.79 0.24 0.00 | 34.80 0.57 0.00 | 34.33 0.37 0.00 | 33.83 0.09 0.00 | 32.31 -0.14 0.00 | 25.13 -0.07 0.00 |
| CARR STREET_E_SYR 24060 | 29.32 -0.23 0.00 | 34.24 -0.34 0.00 | 33.14 -0.27 0.00 | 29.01 -0.26 0.00 | 32.34 -0.23 0.00 | 28.29 -0.16 0.00 | 32.84 -0.19 0.00 | 45.82 -0.34 0.00 | 40.06 -0.32 0.00 | 33.78 -0.26 0.00 | 25.47 -0.17 0.00 | 24.37 -0.19 0.00 | 21.62 -0.16 0.00 | 20.15 -0.18 0.00 | 19.62 -0.18 0.00 | 18.92 -0.17 0.00 | 19.51 -0.17 0.00 | 24.31 -0.34 0.00 | 38.88 -0.67 0.00 | 33.80 -0.43 0.00 | 33.50 -0.47 0.00 | 33.13 -0.61 0.00 | 31.90 -0.54 0.00 | 24.87 -0.34 0.00 |
| CARTHAGE___PAPER 23857 | 30.38 0.82 0.00 | 35.52 0.94 0.00 | 34.06 0.64 0.00 | 29.56 0.29 0.00 | 32.67 0.09 0.00 | 28.64 0.18 0.00 | 33.33 0.30 0.00 | 46.95 0.78 0.00 | 41.28 0.90 0.00 | 34.72 0.67 0.00 | 26.22 0.57 0.00 | 25.00 0.44 0.00 | 22.00 0.22 0.00 | 20.37 0.05 0.00 | 19.72 -0.08 0.00 | 18.93 -0.16 0.00 | 19.50 -0.18 0.00 | 24.66 0.01 0.00 | 40.33 0.78 0.00 | 35.65 1.43 0.00 | 35.42 1.45 0.00 | 35.01 1.27 0.00 | 33.55 1.10 0.00 | 25.82 0.62 0.00 |
| CASSADAGA_WT_PWR 323784 | 30.24 0.68 0.00 | 35.28 0.70 0.00 | 34.33 0.92 0.00 | 29.96 0.69 0.00 | 33.64 1.07 0.00 | 29.32 0.87 0.00 | 33.72 0.69 0.00 | 44.41 0.33 2.09 | 40.83 0.45 0.00 | 34.59 0.55 0.00 | 26.23 0.58 0.00 | 25.16 0.59 0.00 | 22.18 0.40 0.00 | 20.54 0.21 0.00 | 20.06 0.26 0.00 | 19.28 0.18 0.00 | 19.84 0.16 0.00 | 24.61 -0.05 0.00 | 39.30 -0.25 0.00 | 34.21 -0.02 0.00 | 33.45 -0.52 0.00 | 32.77 -0.97 0.00 | 31.52 -0.92 0.00 | 24.77 -0.43 0.00 |
| CE_DUNWOOD___DRP 24194 | 31.26 1.03 -0.68 | 35.80 0.83 -0.40 | 34.95 0.75 -0.79 | 30.37 0.88 -0.21 | 34.11 0.93 -0.61 | 29.34 0.88 0.00 | 34.26 1.24 0.00 | 48.01 1.85 0.00 | 41.73 1.35 0.00 | 35.18 1.15 0.00 | 26.49 0.80 -0.04 | 25.49 0.68 -0.25 | 22.37 0.59 0.00 | 20.93 0.60 0.00 | 20.36 0.56 0.00 | 19.67 0.59 0.00 | 20.42 0.73 0.00 | 25.59 0.93 0.00 | 40.80 1.26 0.00 | 35.55 1.32 0.00 | 35.35 1.39 0.00 | 35.00 1.26 0.00 | 33.48 1.04 0.00 | 26.01 0.81 0.00 |
| CE_MILLWOOD___DRP 24193 | 31.21 0.98 -0.67 | 35.76 0.78 -0.40 | 34.91 0.71 -0.78 | 30.32 0.84 -0.21 | 34.06 0.88 -0.60 | 29.30 0.84 0.00 | 34.22 1.19 0.00 | 47.94 1.77 0.00 | 41.68 1.30 0.00 | 35.14 1.10 0.00 | 26.44 0.76 -0.04 | 25.44 0.63 -0.25 | 22.33 0.55 0.00 | 20.89 0.56 0.00 | 20.32 0.53 0.00 | 19.64 0.54 0.00 | 20.38 0.69 0.00 | 25.54 0.88 0.00 | 40.74 1.19 0.00 | 35.50 1.27 0.00 | 35.32 1.35 0.00 | 34.95 1.21 0.00 | 33.44 0.99 0.00 | 25.98 0.77 0.00 |
| CE_NYC2_DRP 24202 | 31.49 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.64 1.14 -0.22 | 34.41 1.23 -0.61 | 29.60 1.13 -0.01 | 34.55 1.52 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.49 1.45 0.00 | 26.75 1.07 -0.04 | 25.74 0.92 -0.25 | 22.57 0.78 0.00 | 21.11 0.78 0.00 | 20.55 0.75 0.00 | 19.86 0.77 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.44 0.00 | 35.71 1.49 0.00 | 35.55 1.58 0.00 | 35.22 1.48 0.00 | 33.70 1.26 0.00 | 26.20 1.00 0.00 |
| CE_NYC_DRP 24195 | 31.38 1.15 -0.68 | 35.89 0.91 -0.40 | 35.02 0.82 -0.79 | 30.53 1.05 -0.21 | 34.30 1.12 -0.61 | 29.50 1.04 0.00 | 34.43 1.40 0.00 | 48.21 2.05 0.00 | 41.88 1.50 0.00 | 35.38 1.34 0.00 | 26.67 0.99 -0.04 | 25.66 0.85 -0.25 | 22.51 0.72 0.00 | 21.05 0.73 0.00 | 20.49 0.69 0.00 | 19.82 0.72 0.00 | 20.55 0.86 0.00 | 25.72 1.06 0.00 | 40.92 1.37 0.00 | 35.63 1.41 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.60 1.16 0.00 | 26.11 0.91 0.00 |
| CHAFFEE___LFGE 323603 | 29.50 -0.05 0.00 | 34.46 -0.11 0.00 | 33.56 0.15 0.00 | 29.30 0.03 0.00 | 32.87 0.30 0.00 | 28.74 0.28 0.00 | 32.95 -0.08 0.00 | 43.34 -0.82 2.00 | 39.70 -0.68 0.00 | 33.63 -0.41 0.00 | 25.52 -0.12 0.00 | 24.46 -0.10 0.00 | 21.55 -0.23 0.00 | 19.99 -0.33 0.00 | 19.52 -0.28 0.00 | 18.80 -0.29 0.00 | 19.33 -0.36 0.00 | 24.00 -0.65 0.00 | 38.26 -1.29 0.00 | 33.30 -0.93 0.00 | 32.69 -1.28 0.00 | 32.06 -1.68 0.00 | 31.22 -1.22 0.00 | 24.61 -0.59 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 30.74 1.18 0.00 | 36.07 1.49 0.00 | 34.68 1.27 0.00 | 30.28 1.01 0.00 | 33.59 1.02 0.00 | 28.95 0.50 0.00 | 33.34 0.31 0.00 | 46.51 0.35 0.00 | 41.00 0.62 0.00 | 34.56 0.52 0.00 | 26.16 0.52 0.00 | 25.08 0.52 0.00 | 22.13 0.35 0.00 | 20.65 0.33 0.00 | 20.14 0.35 0.00 | 19.37 0.27 0.00 | 19.88 0.19 0.00 | 25.09 0.43 0.00 | 40.50 0.95 0.00 | 34.57 0.35 0.00 | 34.41 0.44 0.00 | 34.44 0.70 0.00 | 33.50 1.06 0.00 | 26.08 0.88 0.00 |
| CHATEAUG_WT_PWR 323614 | 30.68 1.12 0.00 | 35.99 1.42 0.00 | 34.58 1.17 0.00 | 30.20 0.93 0.00 | 33.49 0.92 0.00 | 28.84 0.38 0.00 | 33.18 0.16 0.00 | 46.31 0.14 0.00 | 40.83 0.45 0.00 | 34.41 0.37 0.00 | 26.08 0.43 0.00 | 25.00 0.44 0.00 | 22.07 0.28 0.00 | 20.61 0.28 0.00 | 20.09 0.29 0.00 | 19.32 0.23 0.00 | 19.85 0.16 0.00 | 25.05 0.40 0.00 | 40.42 0.87 0.00 | 34.46 0.23 0.00 | 34.28 0.31 0.00 | 34.33 0.59 0.00 | 33.43 0.99 0.00 | 26.03 0.83 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 30.74 1.18 0.00 | 36.07 1.49 0.00 | 34.68 1.27 0.00 | 30.28 1.01 0.00 | 33.59 1.02 0.00 | 28.95 0.50 0.00 | 33.34 0.31 0.00 | 46.51 0.35 0.00 | 41.00 0.62 0.00 | 34.56 0.52 0.00 | 26.16 0.52 0.00 | 25.08 0.52 0.00 | 22.13 0.35 0.00 | 20.65 0.33 0.00 | 20.14 0.35 0.00 | 19.37 0.27 0.00 | 19.88 0.19 0.00 | 25.09 0.43 0.00 | 40.50 0.95 0.00 | 34.57 0.35 0.00 | 34.41 0.44 0.00 | 34.44 0.70 0.00 | 33.50 1.06 0.00 | 26.08 0.88 0.00 |
| CHAUTAUQUA___LFGE 323629 | 29.71 0.15 0.00 | 34.64 0.07 0.00 | 33.74 0.32 0.00 | 29.43 0.16 0.00 | 33.04 0.47 0.00 | 28.84 0.38 0.00 | 33.15 0.12 0.00 | 43.55 -0.53 2.08 | 40.01 -0.37 0.00 | 33.86 -0.18 0.00 | 25.65 0.00 0.00 | 24.60 0.03 0.00 | 21.70 -0.09 0.00 | 20.10 -0.22 0.00 | 19.64 -0.16 0.00 | 18.89 -0.21 0.00 | 19.43 -0.26 0.00 | 24.11 -0.55 0.00 | 38.52 -1.03 0.00 | 33.56 -0.67 0.00 | 32.90 -1.06 0.00 | 32.27 -1.46 0.00 | 31.22 -1.22 0.00 | 24.50 -0.70 0.00 |
| CHERRYST_13_KV_LD 356241 | 31.46 1.23 -0.68 | 35.98 1.00 -0.40 | 35.11 0.90 -0.79 | 30.60 1.12 -0.21 | 34.39 1.21 -0.61 | 29.59 1.13 0.00 | 34.53 1.50 0.00 | 48.35 2.18 0.00 | 41.99 1.61 0.00 | 35.48 1.44 0.00 | 26.75 1.07 -0.04 | 25.74 0.93 -0.25 | 22.57 0.79 0.00 | 21.11 0.79 0.00 | 20.55 0.75 0.00 | 19.87 0.78 0.00 | 20.61 0.93 0.00 | 25.80 1.14 0.00 | 41.02 1.47 0.00 | 35.73 1.50 0.00 | 35.55 1.58 0.00 | 35.20 1.47 0.00 | 33.69 1.24 0.00 | 26.18 0.98 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 30.91 0.78 -0.57 | 35.53 0.61 -0.34 | 34.64 0.56 -0.67 | 30.10 0.65 -0.18 | 33.78 0.69 -0.52 | 29.13 0.67 0.00 | 34.02 0.99 0.00 | 47.65 1.48 0.00 | 41.43 1.06 0.00 | 34.88 0.85 0.00 | 26.22 0.54 -0.03 | 25.21 0.44 -0.21 | 22.16 0.38 0.00 | 20.72 0.39 0.00 | 20.15 0.35 0.00 | 19.45 0.36 0.00 | 20.20 0.51 0.00 | 25.33 0.67 0.00 | 40.47 0.92 0.00 | 35.27 1.04 0.00 | 35.08 1.12 0.00 | 34.73 0.99 0.00 | 33.24 0.80 0.00 | 25.83 0.63 0.00 |
| CH_MIDHUDSON___DRP 24192 | 30.78 0.72 -0.50 | 35.48 0.60 -0.30 | 34.55 0.54 -0.59 | 30.06 0.63 -0.16 | 33.69 0.66 -0.45 | 29.11 0.65 0.00 | 33.97 0.95 0.00 | 47.58 1.42 0.00 | 41.43 1.05 0.00 | 34.88 0.84 0.00 | 26.21 0.54 -0.03 | 25.18 0.43 -0.19 | 22.18 0.39 0.00 | 20.74 0.42 0.00 | 20.18 0.38 0.00 | 19.49 0.40 0.00 | 20.26 0.57 0.00 | 25.43 0.77 0.00 | 40.70 1.15 0.00 | 35.48 1.26 0.00 | 35.29 1.32 0.00 | 34.91 1.17 0.00 | 33.37 0.92 0.00 | 25.88 0.68 0.00 |
| CH_MISC_IPPS 23765 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.88 0.83 -0.64 | 30.33 0.88 -0.17 | 34.01 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.51 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.01 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.17 1.42 0.00 | 33.62 1.18 0.00 | 26.08 0.88 0.00 |
| CH_RES_BVR_FALLS 23983 | 29.58 0.03 0.00 | 34.68 0.10 0.00 | 33.39 -0.02 0.00 | 29.13 -0.14 0.00 | 32.40 -0.17 0.00 | 28.29 -0.16 0.00 | 32.74 -0.28 0.00 | 45.82 -0.34 0.00 | 40.24 -0.13 0.00 | 33.95 -0.09 0.00 | 25.62 -0.02 0.00 | 24.57 0.01 0.00 | 21.78 0.00 0.00 | 20.31 -0.01 0.00 | 19.83 0.03 0.00 | 19.10 0.01 0.00 | 19.63 -0.05 0.00 | 24.60 -0.06 0.00 | 39.48 -0.07 0.00 | 34.03 -0.20 0.00 | 33.76 -0.20 0.00 | 33.61 -0.12 0.00 | 32.42 -0.02 0.00 | 25.18 -0.02 0.00 |
| CH_RES_NIAGARA 23895 | 28.59 -0.97 0.00 | 33.43 -1.15 0.00 | 32.53 -0.88 0.00 | 28.39 -0.88 0.00 | 31.88 -0.70 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 43.55 -2.61 0.00 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.50 -1.14 0.00 | 23.49 -1.07 0.00 | 20.70 -1.09 0.00 | 19.22 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.56 -1.13 0.00 | 23.07 -1.59 0.00 | 36.70 -2.85 0.00 | 31.83 -2.39 0.00 | 31.24 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| CH_RES_SYRACUSE 23985 | 29.53 -0.03 0.00 | 34.49 -0.09 0.00 | 33.39 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.16 0.00 | 25.12 -0.08 0.00 |
| CLINTON_WT_PWR 323605 | 30.68 1.12 0.00 | 35.99 1.42 0.00 | 34.58 1.17 0.00 | 30.20 0.93 0.00 | 33.49 0.92 0.00 | 28.84 0.38 0.00 | 33.18 0.16 0.00 | 46.31 0.14 0.00 | 40.83 0.45 0.00 | 34.41 0.37 0.00 | 26.08 0.43 0.00 | 25.00 0.44 0.00 | 22.07 0.28 0.00 | 20.61 0.28 0.00 | 20.09 0.29 0.00 | 19.32 0.23 0.00 | 19.85 0.16 0.00 | 25.05 0.40 0.00 | 40.42 0.87 0.00 | 34.46 0.23 0.00 | 34.28 0.31 0.00 | 34.33 0.59 0.00 | 33.43 0.99 0.00 | 26.03 0.83 0.00 |
| CLINTON___LFGE 323618 | 31.20 1.64 0.00 | 36.60 2.02 0.00 | 35.17 1.76 0.00 | 30.71 1.44 0.00 | 34.03 1.45 0.00 | 29.26 0.81 0.00 | 33.65 0.62 0.00 | 46.93 0.76 0.00 | 41.41 1.03 0.00 | 34.89 0.85 0.00 | 26.44 0.80 0.00 | 25.34 0.78 0.00 | 22.36 0.57 0.00 | 20.87 0.55 0.00 | 20.32 0.52 0.00 | 19.53 0.44 0.00 | 20.07 0.38 0.00 | 25.37 0.72 0.00 | 40.98 1.44 0.00 | 34.90 0.67 0.00 | 34.72 0.75 0.00 | 34.79 1.06 0.00 | 33.95 1.51 0.00 | 26.44 1.24 0.00 |
| COBBLENY_34_KV_TB1 80064 | 29.51 -0.04 0.00 | 34.46 -0.11 0.00 | 33.53 0.12 0.00 | 29.28 0.02 0.00 | 32.87 0.29 0.00 | 28.74 0.28 0.00 | 32.95 -0.08 0.00 | 45.34 -0.83 0.00 | 39.70 -0.68 0.00 | 33.63 -0.41 0.00 | 25.53 -0.11 0.00 | 24.48 -0.08 0.00 | 21.55 -0.23 0.00 | 20.00 -0.33 0.00 | 19.52 -0.28 0.00 | 18.81 -0.29 0.00 | 19.30 -0.39 0.00 | 24.01 -0.65 0.00 | 38.27 -1.28 0.00 | 33.30 -0.93 0.00 | 32.68 -1.28 0.00 | 32.06 -1.68 0.00 | 31.23 -1.22 0.00 | 24.61 -0.59 0.00 |
| COFFEEN___115KV_TB3 355620 | 30.85 1.30 0.00 | 36.03 1.46 0.00 | 34.52 1.11 0.00 | 29.95 0.67 0.00 | 33.12 0.55 0.00 | 29.08 0.62 0.00 | 33.86 0.83 0.00 | 47.78 1.61 0.00 | 41.83 1.45 0.00 | 35.00 0.96 0.00 | 26.39 0.75 0.00 | 25.11 0.55 0.00 | 22.02 0.23 0.00 | 20.34 0.01 0.00 | 19.66 -0.14 0.00 | 18.86 -0.23 0.00 | 19.44 -0.24 0.00 | 24.64 -0.02 0.00 | 40.54 0.99 0.00 | 36.35 2.12 0.00 | 36.18 2.21 0.00 | 35.69 1.95 0.00 | 34.13 1.69 0.00 | 26.18 0.98 0.00 |
| COLDSPRG_115KV_BK1 355956 | 30.68 1.13 0.00 | 35.78 1.20 0.00 | 34.78 1.36 0.00 | 30.36 1.09 0.00 | 34.12 1.55 0.00 | 29.69 1.23 0.00 | 34.23 1.21 0.00 | 47.37 1.21 0.00 | 41.55 1.17 0.00 | 35.21 1.17 0.00 | 26.74 1.10 0.00 | 25.66 1.10 0.00 | 22.59 0.80 0.00 | 20.90 0.57 0.00 | 20.40 0.60 0.00 | 19.58 0.49 0.00 | 20.16 0.47 0.00 | 25.00 0.34 0.00 | 39.87 0.33 0.00 | 34.73 0.51 0.00 | 34.10 0.14 0.00 | 33.49 -0.24 0.00 | 32.44 0.00 0.00 | 25.43 0.22 0.00 |
| COLONIE_LFGE___ 323577 | 29.02 0.28 0.82 | 34.44 0.35 0.49 | 32.73 0.27 0.96 | 29.32 0.31 0.25 | 32.12 0.29 0.73 | 28.81 0.36 0.00 | 33.49 0.46 0.00 | 46.89 0.73 0.00 | 41.07 0.69 0.00 | 34.59 0.55 0.00 | 25.98 0.38 0.05 | 24.58 0.32 0.30 | 22.09 0.30 0.00 | 20.63 0.30 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.00 0.31 0.00 | 25.18 0.52 0.00 | 40.52 0.97 0.00 | 35.26 1.03 0.00 | 35.02 1.05 0.00 | 34.67 0.93 0.00 | 33.13 0.68 0.00 | 25.65 0.44 0.00 |
| COOPERNY_115KV_TB1 80082 | 30.51 0.56 -0.40 | 35.25 0.43 -0.24 | 34.30 0.41 -0.47 | 29.87 0.48 -0.13 | 33.43 0.50 -0.36 | 28.94 0.49 0.00 | 33.73 0.71 0.00 | 47.24 1.08 0.00 | 41.13 0.75 0.00 | 34.64 0.60 0.00 | 26.05 0.38 -0.02 | 25.01 0.30 -0.15 | 22.05 0.26 0.00 | 20.59 0.27 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.05 0.36 0.00 | 25.12 0.46 0.00 | 40.20 0.65 0.00 | 34.98 0.75 0.00 | 34.76 0.79 0.00 | 34.44 0.70 0.00 | 33.00 0.56 0.00 | 25.65 0.44 0.00 |
| COPENHAGEN_WT_PWR 323753 | 30.12 0.56 0.00 | 35.20 0.63 0.00 | 33.72 0.31 0.00 | 29.24 -0.03 0.00 | 32.27 -0.30 0.00 | 28.33 -0.13 0.00 | 32.94 -0.09 0.00 | 46.51 0.34 0.00 | 40.89 0.51 0.00 | 34.37 0.33 0.00 | 25.98 0.34 0.00 | 24.77 0.21 0.00 | 21.80 0.01 0.00 | 20.19 -0.14 0.00 | 19.54 -0.27 0.00 | 18.76 -0.33 0.00 | 19.34 -0.34 0.00 | 24.42 -0.23 0.00 | 39.91 0.37 0.00 | 35.41 1.18 0.00 | 35.19 1.22 0.00 | 34.77 1.03 0.00 | 33.30 0.85 0.00 | 25.58 0.38 0.00 |
| CORNELL_____ 23752 | 30.22 0.66 0.00 | 35.22 0.64 0.00 | 34.14 0.72 0.00 | 29.87 0.60 0.00 | 33.30 0.73 0.00 | 29.16 0.70 0.00 | 33.87 0.84 0.00 | 47.33 1.16 0.00 | 41.40 1.03 0.00 | 34.96 0.92 0.00 | 26.34 0.69 0.00 | 25.15 0.59 0.00 | 22.25 0.46 0.00 | 20.63 0.31 0.00 | 20.05 0.25 0.00 | 19.29 0.20 0.00 | 19.92 0.24 0.00 | 24.98 0.32 0.00 | 40.34 0.79 0.00 | 35.18 0.95 0.00 | 34.89 0.93 0.00 | 34.47 0.73 0.00 | 33.10 0.65 0.00 | 25.71 0.51 0.00 |

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| CORONA__69_KV_TB1 355595 | 31.85 1.62 -0.68 | 36.40 1.42 -0.40 | 35.51 1.31 -0.79 | 30.87 1.39 -0.21 | 34.68 1.50 -0.61 | 29.80 1.34 0.00 | 34.82 1.79 0.00 | 48.71 2.55 0.00 | 42.29 1.91 0.00 | 35.58 1.54 0.00 | 26.84 1.16 -0.04 | 25.88 1.06 -0.25 | 22.68 0.90 0.00 | 21.22 0.89 0.00 | 20.65 0.84 0.00 | 19.99 0.89 0.00 | 20.78 1.09 0.00 | 26.53 1.47 -0.41 | 41.57 2.02 0.00 | 36.06 1.83 0.00 | 35.86 1.89 0.00 | 35.45 1.71 0.00 | 33.84 1.39 0.00 | 26.31 1.11 0.00 |
| CORTLAND__115KV_TB3 80093 | 29.91 0.36 0.00 | 34.89 0.31 0.00 | 33.78 0.37 0.00 | 29.55 0.28 0.00 | 32.95 0.38 0.00 | 28.83 0.37 0.00 | 33.50 0.47 0.00 | 46.82 0.66 0.00 | 40.94 0.56 0.00 | 34.53 0.49 0.00 | 26.02 0.37 0.00 | 24.86 0.30 0.00 | 22.01 0.23 0.00 | 20.45 0.13 0.00 | 19.90 0.09 0.00 | 19.16 0.07 0.00 | 19.79 0.10 0.00 | 24.77 0.11 0.00 | 39.90 0.36 0.00 | 34.79 0.56 0.00 | 34.51 0.54 0.00 | 34.12 0.38 0.00 | 32.77 0.33 0.00 | 25.46 0.26 0.00 |
| COXSACKIE__GT 23611 | 31.47 2.13 0.22 | 36.98 2.53 0.13 | 35.64 2.48 0.25 | 31.30 2.10 0.07 | 34.73 2.35 0.19 | 30.58 2.12 0.00 | 35.57 2.54 0.00 | 49.85 3.68 0.00 | 43.73 3.35 0.00 | 36.79 2.76 0.00 | 27.60 1.97 0.01 | 26.22 1.74 0.08 | 23.08 1.29 0.00 | 21.33 1.00 0.00 | 20.62 0.82 0.00 | 19.88 0.79 0.00 | 20.59 0.90 0.00 | 26.29 1.63 0.00 | 42.80 3.25 0.00 | 37.66 3.44 0.00 | 37.29 3.32 0.00 | 36.83 3.09 0.00 | 35.14 2.69 0.00 | 27.13 1.92 0.00 |
| CPV__VALLEY__CC1 323721 | 30.60 0.52 -0.52 | 35.23 0.34 -0.31 | 34.33 0.30 -0.61 | 29.85 0.41 -0.16 | 33.47 0.42 -0.47 | 28.89 0.43 0.00 | 33.72 0.69 0.00 | 47.22 1.05 0.00 | 41.09 0.71 0.00 | 34.61 0.56 0.00 | 26.03 0.36 -0.03 | 25.03 0.28 -0.19 | 22.02 0.24 0.00 | 20.58 0.26 0.00 | 20.02 0.22 0.00 | 19.33 0.24 0.00 | 20.06 0.37 0.00 | 25.14 0.48 0.00 | 40.18 0.63 0.00 | 34.99 0.76 0.00 | 34.79 0.82 0.00 | 34.44 0.71 0.00 | 32.98 0.54 0.00 | 25.63 0.43 0.00 |
| CPV__VALLEY__CC2 323722 | 30.60 0.52 -0.52 | 35.23 0.34 -0.31 | 34.33 0.30 -0.61 | 29.85 0.41 -0.16 | 33.47 0.42 -0.47 | 28.89 0.43 0.00 | 33.72 0.69 0.00 | 47.22 1.05 0.00 | 41.09 0.71 0.00 | 34.61 0.56 0.00 | 26.03 0.36 -0.03 | 25.03 0.28 -0.19 | 22.02 0.24 0.00 | 20.58 0.26 0.00 | 20.02 0.22 0.00 | 19.33 0.24 0.00 | 20.06 0.37 0.00 | 25.14 0.48 0.00 | 40.18 0.63 0.00 | 34.99 0.76 0.00 | 34.79 0.82 0.00 | 34.44 0.71 0.00 | 32.98 0.54 0.00 | 25.63 0.43 0.00 |
| CRESCENT__HYD 24018 | 29.02 0.28 0.82 | 34.44 0.35 0.49 | 32.73 0.27 0.96 | 29.32 0.31 0.25 | 32.12 0.29 0.73 | 28.81 0.36 0.00 | 33.49 0.46 0.00 | 46.89 0.73 0.00 | 41.07 0.69 0.00 | 34.59 0.55 0.00 | 25.98 0.38 0.05 | 24.58 0.32 0.30 | 22.09 0.30 0.00 | 20.63 0.30 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.00 0.31 0.00 | 25.18 0.52 0.00 | 40.52 0.97 0.00 | 35.26 1.03 0.00 | 35.02 1.05 0.00 | 34.67 0.93 0.00 | 33.13 0.68 0.00 | 25.65 0.44 0.00 |
| CRICKET__VALLEY_CC1 323756 | 20.77 0.16 8.95 | 29.21 -0.02 5.35 | 22.90 -0.08 10.44 | 26.57 0.10 2.80 | 24.57 0.05 8.05 | 28.62 0.16 0.00 | 33.38 0.36 0.00 | 46.75 0.59 0.00 | 40.77 0.39 0.00 | 34.32 0.28 0.00 | 25.23 0.11 0.53 | 21.27 0.04 3.33 | 21.85 0.07 0.00 | 20.47 0.14 0.00 | 19.91 0.11 0.00 | 19.23 0.14 0.00 | 19.96 0.27 0.00 | 25.05 0.39 0.00 | 40.16 0.61 0.00 | 35.06 0.83 0.00 | 34.85 0.88 0.00 | 34.47 0.74 0.00 | 32.91 0.47 0.00 | 25.49 0.29 0.00 |
| CRICKET__VALLEY_CC2 323757 | 20.77 0.16 8.95 | 29.21 -0.02 5.35 | 22.90 -0.08 10.44 | 26.57 0.10 2.80 | 24.57 0.05 8.05 | 28.62 0.16 0.00 | 33.38 0.36 0.00 | 46.75 0.59 0.00 | 40.77 0.39 0.00 | 34.32 0.28 0.00 | 25.23 0.11 0.53 | 21.27 0.04 3.33 | 21.85 0.07 0.00 | 20.47 0.14 0.00 | 19.91 0.11 0.00 | 19.23 0.14 0.00 | 19.96 0.27 0.00 | 25.05 0.39 0.00 | 40.16 0.61 0.00 | 35.06 0.83 0.00 | 34.85 0.88 0.00 | 34.47 0.74 0.00 | 32.91 0.47 0.00 | 25.49 0.29 0.00 |
| CRICKET__VALLEY_CC3 323758 | 20.77 0.16 8.95 | 29.21 -0.02 5.35 | 22.90 -0.08 10.44 | 26.57 0.10 2.80 | 24.57 0.05 8.05 | 28.62 0.16 0.00 | 33.38 0.36 0.00 | 46.75 0.59 0.00 | 40.77 0.39 0.00 | 34.32 0.28 0.00 | 25.23 0.11 0.53 | 21.27 0.04 3.33 | 21.85 0.07 0.00 | 20.47 0.14 0.00 | 19.91 0.11 0.00 | 19.23 0.14 0.00 | 19.96 0.27 0.00 | 25.05 0.39 0.00 | 40.16 0.61 0.00 | 35.06 0.83 0.00 | 34.85 0.88 0.00 | 34.47 0.74 0.00 | 32.91 0.47 0.00 | 25.49 0.29 0.00 |
| CRUCIBLE__METL_DRP 24180 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| DAHOWA__HYDRO 323763 | 29.68 0.79 0.67 | 35.10 0.93 0.40 | 33.48 0.84 0.78 | 29.83 0.77 0.21 | 32.77 0.80 0.60 | 29.27 0.81 0.00 | 34.02 0.99 0.00 | 47.65 1.48 0.00 | 41.85 1.47 0.00 | 35.32 1.28 0.00 | 26.52 0.92 0.04 | 25.10 0.79 0.25 | 22.39 0.61 0.00 | 20.85 0.52 0.00 | 20.23 0.43 0.00 | 19.51 0.42 0.00 | 20.21 0.52 0.00 | 25.54 0.89 0.00 | 41.18 1.63 0.00 | 35.89 1.66 0.00 | 35.61 1.64 0.00 | 35.20 1.46 0.00 | 33.54 1.09 0.00 | 25.91 0.71 0.00 |
| DANC__LFGE 323619 | 29.64 0.09 0.00 | 34.62 0.05 0.00 | 33.32 -0.09 0.00 | 29.01 -0.26 0.00 | 32.14 -0.44 0.00 | 28.17 -0.29 0.00 | 32.70 -0.33 0.00 | 45.95 -0.21 0.00 | 40.29 -0.09 0.00 | 33.94 -0.10 0.00 | 25.64 0.00 0.00 | 24.48 -0.08 0.00 | 21.62 -0.17 0.00 | 20.08 -0.25 0.00 | 19.47 -0.34 0.00 | 18.73 -0.36 0.00 | 19.30 -0.39 0.00 | 24.25 -0.41 0.00 | 39.31 -0.24 0.00 | 34.59 0.36 0.00 | 34.34 0.37 0.00 | 33.97 0.23 0.00 | 32.61 0.16 0.00 | 25.19 -0.02 0.00 |
| DANSKAMMER__1 23586 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.88 0.83 -0.64 | 30.33 0.88 -0.17 | 34.01 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.51 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.01 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.17 1.42 0.00 | 33.62 1.18 0.00 | 26.08 0.88 0.00 |
| DANSKAMMER__2 23589 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.88 0.83 -0.64 | 30.33 0.88 -0.17 | 34.01 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.51 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.01 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.17 1.42 0.00 | 33.62 1.18 0.00 | 26.08 0.88 0.00 |
| DANSKAMMER__3 23590 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.88 0.83 -0.64 | 30.33 0.88 -0.17 | 34.01 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.51 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.01 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.17 1.42 0.00 | 33.62 1.18 0.00 | 26.08 0.88 0.00 |

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| DANSKAMMER___4 23591 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.88 0.83 -0.64 | 30.33 0.88 -0.17 | 34.01 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.51 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.01 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.17 1.42 0.00 | 33.62 1.18 0.00 | 26.08 0.88 0.00 |
| DANSKAMMER___DIESEL 23592 | 31.10 1.00 -0.55 | 35.80 0.89 -0.33 | 34.89 0.84 -0.64 | 30.33 0.88 -0.17 | 34.02 0.95 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.03 1.87 0.00 | 41.78 1.40 0.00 | 35.16 1.12 0.00 | 26.42 0.74 -0.03 | 25.39 0.62 -0.20 | 22.33 0.55 0.00 | 20.88 0.55 0.00 | 20.31 0.52 0.00 | 19.62 0.53 0.00 | 20.40 0.71 0.00 | 25.62 0.97 0.00 | 41.00 1.46 0.00 | 35.76 1.53 0.00 | 35.55 1.58 0.00 | 35.16 1.43 0.00 | 33.63 1.18 0.00 | 26.09 0.88 0.00 |
| DARBY___SOLAR 323810 | 29.62 0.76 0.69 | 35.05 0.89 0.41 | 33.41 0.81 0.81 | 29.80 0.75 0.22 | 32.71 0.76 0.63 | 29.23 0.78 0.00 | 33.98 0.95 0.00 | 47.58 1.42 0.00 | 41.75 1.37 0.00 | 35.22 1.18 0.00 | 26.45 0.85 0.04 | 25.03 0.73 0.26 | 22.37 0.58 0.00 | 20.83 0.50 0.00 | 20.21 0.41 0.00 | 19.48 0.39 0.00 | 20.19 0.50 0.00 | 25.50 0.84 0.00 | 41.11 1.56 0.00 | 35.82 1.59 0.00 | 35.53 1.57 0.00 | 35.14 1.40 0.00 | 33.51 1.07 0.00 | 25.90 0.70 0.00 |
| DASHVILLE___HYD 23610 | 30.36 0.50 -0.30 | 35.00 0.24 -0.18 | 34.00 0.23 -0.36 | 29.73 0.37 -0.10 | 33.21 0.36 -0.28 | 28.78 0.32 0.00 | 33.64 0.61 0.00 | 47.12 0.95 0.00 | 40.95 0.57 0.00 | 34.45 0.41 0.00 | 25.87 0.21 -0.02 | 24.83 0.15 -0.11 | 21.89 0.10 0.00 | 20.49 0.17 0.00 | 19.95 0.15 0.00 | 19.28 0.18 0.00 | 20.05 0.36 0.00 | 25.12 0.47 0.00 | 40.16 0.62 0.00 | 35.00 0.78 0.00 | 34.83 0.87 0.00 | 34.47 0.73 0.00 | 32.98 0.53 0.00 | 25.60 0.40 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 32.10 1.87 -0.68 | 36.63 1.66 -0.40 | 35.77 1.57 -0.79 | 31.15 1.67 -0.21 | 35.00 1.81 -0.61 | 29.89 1.43 0.00 | 34.89 1.86 0.00 | 48.81 2.64 0.00 | 42.79 2.42 0.00 | 35.98 1.94 0.00 | 27.11 1.42 -0.04 | 26.05 1.24 -0.25 | 22.85 1.06 0.00 | 21.36 1.04 0.00 | 20.73 0.93 0.00 | 20.03 0.94 0.00 | 20.89 1.21 0.00 | 26.79 1.72 -0.41 | 41.69 2.15 0.00 | 36.04 1.81 0.00 | 35.84 1.87 0.00 | 35.45 1.71 0.00 | 33.59 1.15 0.00 | 26.11 0.91 0.00 |
| DELAWARE___LFGE 323621 | 30.27 0.58 -0.13 | 35.25 0.59 -0.08 | 34.20 0.63 -0.16 | 29.89 0.58 -0.04 | 33.34 0.64 -0.12 | 29.05 0.59 0.00 | 33.79 0.76 0.00 | 47.29 1.13 0.00 | 41.30 0.92 0.00 | 34.82 0.78 0.00 | 26.20 0.55 -0.01 | 25.09 0.48 -0.05 | 22.19 0.40 0.00 | 20.69 0.36 0.00 | 20.13 0.33 0.00 | 19.42 0.32 0.00 | 20.10 0.41 0.00 | 25.21 0.56 0.00 | 40.54 0.99 0.00 | 35.23 1.00 0.00 | 34.95 0.98 0.00 | 34.63 0.89 0.00 | 33.22 0.77 0.00 | 25.80 0.59 0.00 |
| DERFIELD_115KV_TB7 355931 | 29.59 0.03 0.00 | 34.58 0.01 0.00 | 33.42 0.00 0.00 | 29.27 0.00 0.00 | 32.57 0.00 0.00 | 28.48 0.03 0.00 | 33.11 0.08 0.00 | 46.30 0.14 0.00 | 40.50 0.12 0.00 | 34.12 0.08 0.00 | 25.69 0.05 0.00 | 24.58 0.02 0.00 | 21.81 0.02 0.00 | 20.36 0.03 0.00 | 19.81 0.00 0.00 | 19.11 0.01 0.00 | 19.73 0.05 0.00 | 24.74 0.08 0.00 | 39.71 0.16 0.00 | 34.44 0.21 0.00 | 34.19 0.23 0.00 | 33.93 0.19 0.00 | 32.56 0.11 0.00 | 25.27 0.07 0.00 |
| DOGLEVILLE___HYD 23807 | 29.26 -0.29 0.00 | 34.08 -0.49 0.00 | 32.86 -0.55 0.00 | 28.85 -0.42 0.00 | 32.21 -0.36 0.00 | 28.28 -0.18 0.00 | 32.99 -0.04 0.00 | 46.38 0.22 0.00 | 40.59 0.22 0.00 | 34.17 0.13 0.00 | 25.67 0.03 0.00 | 24.45 -0.11 0.00 | 21.60 -0.18 0.00 | 20.11 -0.22 0.00 | 19.45 -0.36 0.00 | 18.74 -0.35 0.00 | 19.48 -0.21 0.00 | 24.62 -0.03 0.00 | 39.68 0.13 0.00 | 34.80 0.58 0.00 | 34.62 0.65 0.00 | 34.26 0.52 0.00 | 32.67 0.22 0.00 | 25.19 -0.02 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 29.65 0.10 0.00 | 34.57 -0.01 0.00 | 33.65 0.23 0.00 | 29.36 0.09 0.00 | 32.96 0.39 0.00 | 28.80 0.34 0.00 | 33.09 0.06 0.00 | 45.57 -0.60 0.00 | 39.93 -0.45 0.00 | 33.79 -0.25 0.00 | 25.61 -0.04 0.00 | 24.55 -0.01 0.00 | 21.65 -0.13 0.00 | 20.06 -0.26 0.00 | 19.60 -0.20 0.00 | 18.85 -0.24 0.00 | 19.37 -0.32 0.00 | 24.06 -0.59 0.00 | 38.45 -1.10 0.00 | 33.48 -0.75 0.00 | 32.84 -1.13 0.00 | 32.23 -1.51 0.00 | 31.22 -1.22 0.00 | 24.50 -0.70 0.00 |
| DUNKIRK___1 23563 | 29.65 0.10 0.00 | 34.57 -0.01 0.00 | 33.65 0.23 0.00 | 29.36 0.09 0.00 | 32.96 0.39 0.00 | 28.80 0.34 0.00 | 33.09 0.06 0.00 | 45.57 -0.60 0.00 | 39.93 -0.45 0.00 | 33.79 -0.25 0.00 | 25.61 -0.04 0.00 | 24.55 -0.01 0.00 | 21.65 -0.13 0.00 | 20.06 -0.26 0.00 | 19.60 -0.20 0.00 | 18.85 -0.24 0.00 | 19.37 -0.32 0.00 | 24.06 -0.59 0.00 | 38.45 -1.10 0.00 | 33.48 -0.75 0.00 | 32.84 -1.13 0.00 | 32.23 -1.51 0.00 | 31.22 -1.22 0.00 | 24.50 -0.70 0.00 |
| DUNKIRK___2 23564 | 29.65 0.10 0.00 | 34.57 -0.01 0.00 | 33.65 0.23 0.00 | 29.36 0.09 0.00 | 32.96 0.39 0.00 | 28.80 0.34 0.00 | 33.09 0.06 0.00 | 45.57 -0.60 0.00 | 39.93 -0.45 0.00 | 33.79 -0.25 0.00 | 25.61 -0.04 0.00 | 24.55 -0.01 0.00 | 21.65 -0.13 0.00 | 20.06 -0.26 0.00 | 19.60 -0.20 0.00 | 18.85 -0.24 0.00 | 19.37 -0.32 0.00 | 24.06 -0.59 0.00 | 38.45 -1.10 0.00 | 33.48 -0.75 0.00 | 32.84 -1.13 0.00 | 32.23 -1.51 0.00 | 31.22 -1.22 0.00 | 24.50 -0.70 0.00 |
| DUNKIRK___3 23565 | 29.50 -0.06 0.00 | 34.39 -0.19 0.00 | 33.47 0.06 0.00 | 29.20 -0.07 0.00 | 32.79 0.22 0.00 | 28.62 0.16 0.00 | 32.92 -0.11 0.00 | 45.39 -0.77 0.00 | 39.76 -0.62 0.00 | 33.67 -0.37 0.00 | 25.52 -0.13 0.00 | 24.47 -0.09 0.00 | 21.58 -0.21 0.00 | 19.99 -0.34 0.00 | 19.53 -0.27 0.00 | 18.78 -0.31 0.00 | 19.30 -0.39 0.00 | 23.97 -0.68 0.00 | 38.28 -1.27 0.00 | 33.33 -0.90 0.00 | 32.71 -1.26 0.00 | 32.14 -1.60 0.00 | 31.17 -1.27 0.00 | 24.45 -0.75 0.00 |
| DUNKIRK___4 23566 | 29.59 0.03 0.00 | 34.51 -0.06 0.00 | 33.59 0.17 0.00 | 29.31 0.04 0.00 | 32.91 0.33 0.00 | 28.74 0.28 0.00 | 33.02 -0.01 0.00 | 45.45 -0.71 0.00 | 39.82 -0.55 0.00 | 33.71 -0.33 0.00 | 25.56 -0.08 0.00 | 24.51 -0.05 0.00 | 21.61 -0.18 0.00 | 20.03 -0.30 0.00 | 19.56 -0.24 0.00 | 18.82 -0.27 0.00 | 19.33 -0.35 0.00 | 24.03 -0.63 0.00 | 38.36 -1.19 0.00 | 33.40 -0.83 0.00 | 32.76 -1.20 0.00 | 32.15 -1.59 0.00 | 31.20 -1.25 0.00 | 24.51 -0.69 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 31.32 1.09 -0.68 | 35.87 0.89 -0.40 | 35.01 0.81 -0.79 | 30.42 0.93 -0.21 | 34.17 0.99 -0.61 | 29.39 0.94 0.00 | 34.32 1.30 0.00 | 48.08 1.91 0.00 | 41.79 1.41 0.00 | 35.25 1.21 0.00 | 26.56 0.87 -0.04 | 25.56 0.75 -0.25 | 22.43 0.65 0.00 | 20.99 0.66 0.00 | 20.42 0.62 0.00 | 19.75 0.65 0.00 | 20.47 0.78 0.00 | 25.64 0.98 0.00 | 40.87 1.32 0.00 | 35.60 1.38 0.00 | 35.42 1.45 0.00 | 35.06 1.32 0.00 | 33.54 1.09 0.00 | 26.05 0.85 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 30.98 0.88 -0.55 | 35.62 0.72 -0.33 | 34.72 0.67 -0.64 | 30.19 0.75 -0.17 | 33.86 0.79 -0.49 | 29.22 0.77 0.00 | 34.13 1.10 0.00 | 47.80 1.63 0.00 | 41.57 1.19 0.00 | 34.98 0.94 0.00 | 26.27 0.60 -0.03 | 25.25 0.49 -0.20 | 22.21 0.42 0.00 | 20.76 0.44 0.00 | 20.20 0.40 0.00 | 19.50 0.41 0.00 | 20.27 0.58 0.00 | 25.43 0.77 0.00 | 40.67 1.12 0.00 | 35.47 1.24 0.00 | 35.27 1.31 0.00 | 34.91 1.17 0.00 | 33.40 0.95 0.00 | 25.93 0.73 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 31.42 1.19 -0.68 | 35.95 0.96 -0.40 | 35.09 0.88 -0.79 | 30.61 1.12 -0.22 | 34.40 1.21 -0.61 | 29.60 1.13 -0.01 | 34.53 1.50 0.00 | 48.24 2.08 0.00 | 41.89 1.51 0.00 | 35.49 1.45 0.00 | 26.71 1.02 -0.04 | 25.70 0.88 -0.25 | 22.53 0.75 0.00 | 21.07 0.74 0.00 | 20.53 0.73 0.00 | 19.83 0.74 0.00 | 20.54 0.85 0.00 | 25.70 1.05 0.00 | 40.88 1.33 0.00 | 35.65 1.43 0.00 | 35.48 1.51 0.00 | 35.15 1.41 0.00 | 33.61 1.16 0.00 | 26.13 0.93 0.00 |
| E179THST_13_KV_LOAD 356214 | 31.55 1.32 -0.68 | 36.08 1.11 -0.40 | 35.22 1.01 -0.79 | 30.73 1.24 -0.22 | 34.52 1.34 -0.61 | 29.71 1.25 -0.01 | 34.66 1.63 0.00 | 48.42 2.26 0.00 | 42.06 1.68 0.00 | 35.63 1.59 0.00 | 26.82 1.13 -0.04 | 25.81 0.99 -0.25 | 22.63 0.84 0.00 | 21.17 0.84 0.00 | 20.62 0.81 0.00 | 19.92 0.83 0.00 | 20.63 0.95 0.00 | 25.82 1.16 0.00 | 41.06 1.52 0.00 | 35.81 1.59 0.00 | 35.64 1.68 0.00 | 35.30 1.56 0.00 | 33.76 1.32 0.00 | 26.24 1.04 0.00 |
| EAST HAMPTON___GT 23717 | 32.04 1.81 -0.68 | 36.56 1.58 -0.40 | 35.71 1.51 -0.79 | 31.11 1.62 -0.21 | 34.94 1.76 -0.61 | 29.86 1.41 0.00 | 34.87 1.84 0.00 | 48.78 2.62 0.00 | 42.76 2.38 0.00 | 35.94 1.90 0.00 | 27.07 1.39 -0.04 | 26.04 1.23 -0.25 | 22.86 1.08 0.00 | 21.35 1.03 0.00 | 20.71 0.90 0.00 | 19.99 0.89 0.00 | 20.84 1.15 0.00 | 26.74 1.67 -0.41 | 41.64 2.09 0.00 | 36.00 1.78 0.00 | 35.80 1.84 0.00 | 35.40 1.66 0.00 | 33.54 1.09 0.00 | 26.06 0.86 0.00 |
| EAST RIVER___6 23660 | 31.40 1.16 -0.68 | 35.89 0.91 -0.40 | 35.02 0.82 -0.79 | 30.52 1.04 -0.21 | 34.30 1.12 -0.61 | 29.47 1.02 0.00 | 34.39 1.36 0.00 | 48.14 1.98 0.00 | 41.81 1.43 0.00 | 35.34 1.30 0.00 | 26.67 0.99 -0.04 | 25.67 0.86 -0.25 | 22.51 0.73 0.00 | 21.06 0.73 0.00 | 20.50 0.70 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.72 1.07 0.00 | 40.90 1.35 0.00 | 35.59 1.37 0.00 | 35.42 1.45 0.00 | 35.08 1.35 0.00 | 33.57 1.12 0.00 | 26.10 0.90 0.00 |
| EAST RIVER___7 23524 | 31.40 1.16 -0.68 | 35.89 0.91 -0.40 | 35.02 0.82 -0.79 | 30.52 1.04 -0.21 | 34.30 1.12 -0.61 | 29.47 1.02 0.00 | 34.39 1.36 0.00 | 48.14 1.98 0.00 | 41.81 1.43 0.00 | 35.34 1.30 0.00 | 26.67 0.99 -0.04 | 25.67 0.86 -0.25 | 22.51 0.73 0.00 | 21.06 0.73 0.00 | 20.50 0.70 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.72 1.07 0.00 | 40.90 1.35 0.00 | 35.59 1.37 0.00 | 35.42 1.45 0.00 | 35.08 1.35 0.00 | 33.57 1.12 0.00 | 26.10 0.90 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 31.26 1.03 -0.68 | 35.80 0.83 -0.40 | 34.95 0.75 -0.79 | 30.37 0.88 -0.21 | 34.11 0.93 -0.61 | 29.34 0.88 0.00 | 34.26 1.24 0.00 | 48.01 1.85 0.00 | 41.73 1.35 0.00 | 35.18 1.15 0.00 | 26.49 0.80 -0.04 | 25.49 0.68 -0.25 | 22.37 0.59 0.00 | 20.93 0.60 0.00 | 20.36 0.56 0.00 | 19.67 0.59 0.00 | 20.42 0.73 0.00 | 25.59 0.93 0.00 | 40.80 1.26 0.00 | 35.55 1.32 0.00 | 35.35 1.39 0.00 | 35.00 1.26 0.00 | 33.48 1.04 0.00 | 26.01 0.81 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 31.99 1.76 -0.68 | 36.50 1.53 -0.40 | 35.66 1.46 -0.79 | 31.06 1.58 -0.21 | 34.89 1.71 -0.61 | 29.82 1.36 0.00 | 34.82 1.79 0.00 | 48.71 2.55 0.00 | 42.70 2.32 0.00 | 35.88 1.84 0.00 | 27.03 1.35 -0.04 | 26.01 1.20 -0.25 | 22.84 1.06 0.00 | 21.34 1.01 0.00 | 20.69 0.88 0.00 | 19.96 0.86 0.00 | 20.80 1.11 0.00 | 26.71 1.64 -0.41 | 41.57 2.03 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.60 0.00 | 33.49 1.05 0.00 | 26.02 0.82 0.00 |
| EAST_PULASKI___ESR 323781 | 29.29 -0.26 0.00 | 34.21 -0.36 0.00 | 33.06 -0.35 0.00 | 28.90 -0.37 0.00 | 32.13 -0.44 0.00 | 28.12 -0.33 0.00 | 32.62 -0.41 0.00 | 45.62 -0.54 0.00 | 39.91 -0.47 0.00 | 33.64 -0.40 0.00 | 25.40 -0.24 0.00 | 24.27 -0.29 0.00 | 21.50 -0.28 0.00 | 20.03 -0.30 0.00 | 19.46 -0.35 0.00 | 18.75 -0.35 0.00 | 19.32 -0.37 0.00 | 24.17 -0.48 0.00 | 38.90 -0.64 0.00 | 33.97 -0.26 0.00 | 33.70 -0.27 0.00 | 33.36 -0.38 0.00 | 32.07 -0.37 0.00 | 24.89 -0.32 0.00 |
| EAST_RIVER___1 323558 | 31.38 1.15 -0.68 | 35.88 0.90 -0.40 | 35.02 0.82 -0.79 | 30.52 1.04 -0.21 | 34.30 1.12 -0.61 | 29.50 1.04 0.00 | 34.43 1.40 0.00 | 48.21 2.05 0.00 | 41.88 1.50 0.00 | 35.38 1.34 0.00 | 26.67 0.99 -0.04 | 25.66 0.85 -0.25 | 22.51 0.72 0.00 | 21.05 0.72 0.00 | 20.49 0.69 0.00 | 19.82 0.72 0.00 | 20.55 0.86 0.00 | 25.72 1.06 0.00 | 40.92 1.38 0.00 | 35.63 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.60 1.16 0.00 | 26.12 0.92 0.00 |
| EAST_RIVER___2 323559 | 31.40 1.16 -0.68 | 35.89 0.91 -0.40 | 35.02 0.82 -0.79 | 30.52 1.04 -0.21 | 34.30 1.12 -0.61 | 29.47 1.02 0.00 | 34.39 1.36 0.00 | 48.14 1.98 0.00 | 41.81 1.43 0.00 | 35.34 1.30 0.00 | 26.67 0.99 -0.04 | 25.67 0.86 -0.25 | 22.51 0.73 0.00 | 21.06 0.73 0.00 | 20.50 0.70 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.72 1.07 0.00 | 40.90 1.35 0.00 | 35.59 1.37 0.00 | 35.42 1.45 0.00 | 35.08 1.35 0.00 | 33.57 1.12 0.00 | 26.10 0.90 0.00 |
| EAST___DELAWARE_HYD 23607 | 31.42 1.47 -0.39 | 36.24 1.43 -0.24 | 35.22 1.34 -0.46 | 30.71 1.32 -0.12 | 34.39 1.46 -0.36 | 29.80 1.34 0.00 | 34.78 1.76 0.00 | 48.74 2.57 0.00 | 42.32 1.94 0.00 | 35.46 1.42 0.00 | 26.55 0.88 -0.02 | 25.43 0.72 -0.15 | 22.65 0.86 0.00 | 20.88 0.55 0.00 | 20.34 0.55 0.00 | 19.66 0.57 0.00 | 20.44 0.75 0.00 | 25.69 1.03 0.00 | 41.20 1.66 0.00 | 36.05 1.82 0.00 | 35.87 1.91 0.00 | 35.49 1.75 0.00 | 33.96 1.52 0.00 | 26.36 1.16 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 29.69 0.13 0.00 | 34.79 0.21 0.00 | 33.88 0.47 0.00 | 29.38 0.11 0.00 | 32.89 0.32 0.00 | 28.78 0.32 0.00 | 33.32 0.30 0.00 | 47.73 0.81 -0.75 | 41.26 0.88 0.00 | 34.91 0.87 0.00 | 26.39 0.75 0.00 | 25.29 0.73 0.00 | 22.37 0.58 0.00 | 20.66 0.33 0.00 | 20.08 0.29 0.00 | 19.30 0.20 0.00 | 19.94 0.25 0.00 | 24.96 0.30 0.00 | 40.36 0.81 0.00 | 35.44 1.21 0.00 | 34.86 0.89 0.00 | 34.18 0.44 0.00 | 32.58 0.13 0.00 | 25.48 0.28 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 29.38 -0.17 0.00 | 34.32 -0.26 0.00 | 33.23 -0.18 0.00 | 29.10 -0.17 0.00 | 32.40 -0.17 0.00 | 28.38 -0.07 0.00 | 32.95 -0.08 0.00 | 45.93 -0.24 0.00 | 40.17 -0.20 0.00 | 33.89 -0.15 0.00 | 25.56 -0.08 0.00 | 24.45 -0.11 0.00 | 21.69 -0.09 0.00 | 20.19 -0.14 0.00 | 19.66 -0.14 0.00 | 18.96 -0.13 0.00 | 19.55 -0.13 0.00 | 24.43 -0.23 0.00 | 39.24 -0.30 0.00 | 34.09 -0.13 0.00 | 33.78 -0.19 0.00 | 33.42 -0.32 0.00 | 32.13 -0.31 0.00 | 25.01 -0.20 0.00 |
| ELEC_TRO_TEK 24086 | 31.68 1.45 -0.68 | 36.22 1.24 -0.40 | 35.33 1.13 -0.79 | 30.73 1.25 -0.21 | 34.52 1.34 -0.61 | 29.65 1.19 0.00 | 34.64 1.61 0.00 | 48.47 2.30 0.00 | 42.10 1.72 0.00 | 35.45 1.41 0.00 | 26.73 1.04 -0.04 | 25.75 0.94 -0.25 | 22.58 0.80 0.00 | 21.12 0.80 0.00 | 20.55 0.75 0.00 | 19.89 0.80 0.00 | 20.68 0.99 0.00 | 26.39 1.32 -0.41 | 41.34 1.80 0.00 | 35.87 1.65 0.00 | 35.67 1.71 0.00 | 35.27 1.53 0.00 | 33.67 1.22 0.00 | 26.17 0.97 0.00 |
| ELLENBURG_WT_PWR 323604 | 30.68 1.12 0.00 | 35.99 1.42 0.00 | 34.58 1.17 0.00 | 30.20 0.93 0.00 | 33.49 0.92 0.00 | 28.84 0.38 0.00 | 33.18 0.16 0.00 | 46.31 0.14 0.00 | 40.83 0.45 0.00 | 34.41 0.37 0.00 | 26.08 0.43 0.00 | 25.00 0.44 0.00 | 22.07 0.28 0.00 | 20.61 0.28 0.00 | 20.09 0.29 0.00 | 19.32 0.23 0.00 | 19.85 0.16 0.00 | 25.05 0.40 0.00 | 40.42 0.87 0.00 | 34.46 0.23 0.00 | 34.28 0.31 0.00 | 34.33 0.59 0.00 | 33.43 0.99 0.00 | 26.03 0.83 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 29.21 -0.34 0.00 | 34.13 -0.45 0.00 | 33.21 -0.21 0.00 | 28.99 -0.28 0.00 | 32.54 -0.03 0.00 | 28.45 0.00 0.00 | 32.60 -0.43 0.00 | 44.80 -1.37 0.00 | 39.22 -1.16 0.00 | 33.22 -0.83 0.00 | 25.23 -0.41 0.00 | 24.19 -0.37 0.00 | 21.31 -0.47 0.00 | 19.78 -0.55 0.00 | 19.32 -0.48 0.00 | 18.61 -0.48 0.00 | 19.10 -0.59 0.00 | 23.75 -0.91 0.00 | 37.83 -1.72 0.00 | 32.89 -1.34 0.00 | 32.28 -1.69 0.00 | 31.67 -2.07 0.00 | 30.85 -1.59 0.00 | 24.35 -0.85 0.00 |
| EMPIRE_CC_1 323656 | 28.32 -0.14 1.09 | 33.75 -0.17 0.65 | 31.92 -0.22 1.27 | 28.83 -0.10 0.34 | 31.42 -0.17 0.98 | 28.42 -0.04 0.00 | 33.04 0.01 0.00 | 46.25 0.09 0.00 | 40.39 0.01 0.00 | 34.03 -0.01 0.00 | 25.56 -0.02 0.06 | 24.13 -0.03 0.40 | 21.85 0.07 0.00 | 20.44 0.12 0.00 | 19.87 0.06 0.00 | 19.17 0.08 0.00 | 19.75 0.07 0.00 | 24.85 0.19 0.00 | 39.89 0.34 0.00 | 34.68 0.46 0.00 | 34.45 0.48 0.00 | 34.18 0.44 0.00 | 32.67 0.23 0.00 | 25.32 0.12 0.00 |
| EMPIRE_CC_2 323658 | 28.32 -0.14 1.09 | 33.75 -0.17 0.65 | 31.92 -0.22 1.27 | 28.83 -0.10 0.34 | 31.42 -0.17 0.98 | 28.42 -0.04 0.00 | 33.04 0.01 0.00 | 46.25 0.09 0.00 | 40.39 0.01 0.00 | 34.03 -0.01 0.00 | 25.56 -0.02 0.06 | 24.13 -0.03 0.40 | 21.85 0.07 0.00 | 20.44 0.12 0.00 | 19.87 0.06 0.00 | 19.17 0.08 0.00 | 19.75 0.07 0.00 | 24.85 0.19 0.00 | 39.89 0.34 0.00 | 34.68 0.46 0.00 | 34.45 0.48 0.00 | 34.18 0.44 0.00 | 32.67 0.23 0.00 | 25.32 0.12 0.00 |
| ENORWICH_115KV_TB1 80156 | 31.97 2.42 0.00 | 36.85 2.28 0.00 | 36.08 2.66 0.00 | 31.55 2.27 0.00 | 35.23 2.66 0.00 | 30.98 2.52 0.00 | 35.88 2.85 0.00 | 50.26 4.09 0.00 | 44.04 3.66 0.00 | 37.24 3.20 0.00 | 27.99 2.35 0.00 | 26.67 2.12 0.00 | 23.50 1.72 0.00 | 21.75 1.43 0.00 | 21.10 1.30 0.00 | 20.27 1.18 0.00 | 21.02 1.33 0.00 | 26.51 1.85 0.00 | 43.15 3.61 0.00 | 37.70 3.47 0.00 | 37.32 3.36 0.00 | 36.78 3.04 0.00 | 35.20 2.75 0.00 | 27.27 2.07 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 29.82 0.27 0.00 | 34.83 0.25 0.00 | 33.88 0.46 0.00 | 29.57 0.30 0.00 | 33.20 0.62 0.00 | 28.97 0.51 0.00 | 33.29 0.26 0.00 | 45.86 -0.30 0.00 | 40.10 -0.27 0.00 | 33.95 -0.09 0.00 | 25.79 0.15 0.00 | 24.72 0.16 0.00 | 21.77 -0.01 0.00 | 20.20 -0.12 0.00 | 19.73 -0.08 0.00 | 18.99 -0.10 0.00 | 19.51 -0.18 0.00 | 24.26 -0.39 0.00 | 38.71 -0.84 0.00 | 33.70 -0.52 0.00 | 33.12 -0.85 0.00 | 32.49 -1.25 0.00 | 31.66 -0.79 0.00 | 24.92 -0.28 0.00 |
| ERIE_WT_PWR 323693 | 29.43 -0.12 0.00 | 34.38 -0.19 0.00 | 33.49 0.08 0.00 | 29.23 -0.03 0.00 | 32.79 0.22 0.00 | 28.66 0.21 0.00 | 32.87 -0.16 0.00 | 43.29 -0.99 1.89 | 39.55 -0.82 0.00 | 33.49 -0.55 0.00 | 25.43 -0.21 0.00 | 24.38 -0.18 0.00 | 21.49 -0.30 0.00 | 19.94 -0.39 0.00 | 19.47 -0.33 0.00 | 18.75 -0.34 0.00 | 19.27 -0.41 0.00 | 23.94 -0.72 0.00 | 38.14 -1.41 0.00 | 33.17 -1.06 0.00 | 32.55 -1.41 0.00 | 31.93 -1.81 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 31.97 2.90 0.48 | 37.53 3.24 0.29 | 35.87 3.02 0.56 | 31.77 2.64 0.15 | 35.20 3.06 0.43 | 31.16 2.70 0.00 | 36.10 3.07 0.00 | 50.54 4.37 0.00 | 44.37 3.99 0.00 | 37.52 3.48 0.00 | 28.20 2.59 0.03 | 26.78 2.40 0.18 | 23.79 2.01 0.00 | 22.09 1.77 0.00 | 21.46 1.66 0.00 | 20.60 1.51 0.00 | 21.22 1.54 0.00 | 26.34 1.69 0.00 | 41.76 2.21 0.00 | 36.29 2.07 0.00 | 35.99 2.03 0.00 | 35.74 2.00 0.00 | 34.34 1.89 0.00 | 26.70 1.50 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 30.16 0.60 0.00 | 35.16 0.58 0.00 | 34.08 0.66 0.00 | 29.81 0.55 0.00 | 33.25 0.67 0.00 | 29.11 0.65 0.00 | 33.81 0.78 0.00 | 47.24 1.08 0.00 | 41.33 0.95 0.00 | 34.89 0.85 0.00 | 26.29 0.64 0.00 | 25.11 0.55 0.00 | 22.21 0.43 0.00 | 20.61 0.28 0.00 | 20.02 0.22 0.00 | 19.27 0.18 0.00 | 19.90 0.21 0.00 | 24.95 0.29 0.00 | 40.26 0.71 0.00 | 35.11 0.88 0.00 | 34.82 0.86 0.00 | 34.41 0.67 0.00 | 33.04 0.60 0.00 | 25.67 0.46 0.00 |
| ETNA____115KV_TB2 80207 | 30.16 0.60 0.00 | 35.16 0.58 0.00 | 34.08 0.66 0.00 | 29.81 0.55 0.00 | 33.25 0.67 0.00 | 29.11 0.65 0.00 | 33.81 0.78 0.00 | 47.24 1.08 0.00 | 41.33 0.95 0.00 | 34.89 0.85 0.00 | 26.29 0.64 0.00 | 25.11 0.55 0.00 | 22.21 0.43 0.00 | 20.61 0.28 0.00 | 20.02 0.22 0.00 | 19.27 0.18 0.00 | 19.90 0.21 0.00 | 24.95 0.29 0.00 | 40.26 0.71 0.00 | 35.11 0.88 0.00 | 34.82 0.86 0.00 | 34.41 0.67 0.00 | 33.04 0.60 0.00 | 25.67 0.46 0.00 |
| EUCLID__115KV_TB2 356179 | 29.17 -0.39 0.00 | 34.06 -0.51 0.00 | 32.97 -0.44 0.00 | 28.86 -0.41 0.00 | 32.17 -0.40 0.00 | 28.15 -0.31 0.00 | 32.65 -0.38 0.00 | 45.57 -0.60 0.00 | 39.82 -0.55 0.00 | 33.59 -0.45 0.00 | 25.33 -0.32 0.00 | 24.24 -0.32 0.00 | 21.51 -0.28 0.00 | 20.05 -0.28 0.00 | 19.53 -0.28 0.00 | 18.83 -0.26 0.00 | 19.42 -0.27 0.00 | 24.24 -0.42 0.00 | 38.85 -0.70 0.00 | 33.77 -0.46 0.00 | 33.46 -0.50 0.00 | 33.11 -0.63 0.00 | 31.85 -0.59 0.00 | 24.79 -0.41 0.00 |
| E_CANADA_CAP_HY 24051 | 31.73 2.65 0.48 | 37.27 2.98 0.29 | 35.64 2.79 0.56 | 31.50 2.38 0.15 | 34.92 2.78 0.43 | 30.89 2.43 0.00 | 35.77 2.75 0.00 | 50.09 3.92 0.00 | 43.95 3.57 0.00 | 37.13 3.09 0.00 | 27.92 2.30 0.03 | 26.52 2.14 0.18 | 23.56 1.78 0.00 | 21.91 1.58 0.00 | 21.28 1.48 0.00 | 20.44 1.35 0.00 | 21.06 1.37 0.00 | 26.22 1.57 0.00 | 42.03 2.49 0.00 | 36.58 2.36 0.00 | 36.31 2.34 0.00 | 36.14 2.40 0.00 | 34.72 2.28 0.00 | 27.00 1.80 0.00 |
| E_CANADA_MHWK_HY 24050 | 29.26 -0.29 0.00 | 34.08 -0.49 0.00 | 32.86 -0.55 0.00 | 28.85 -0.42 0.00 | 32.21 -0.36 0.00 | 28.28 -0.18 0.00 | 32.99 -0.04 0.00 | 46.38 0.22 0.00 | 40.59 0.22 0.00 | 34.17 0.13 0.00 | 25.67 0.03 0.00 | 24.45 -0.11 0.00 | 21.60 -0.18 0.00 | 20.11 -0.22 0.00 | 19.45 -0.36 0.00 | 18.74 -0.35 0.00 | 19.48 -0.21 0.00 | 24.62 -0.03 0.00 | 39.68 0.13 0.00 | 34.80 0.58 0.00 | 34.62 0.65 0.00 | 34.26 0.52 0.00 | 32.67 0.22 0.00 | 25.19 -0.02 0.00 |
| E_FISHKILL__LBMP 23776 | 30.87 0.60 -0.72 | 35.44 0.44 -0.43 | 34.64 0.38 -0.84 | 30.00 0.50 -0.23 | 33.73 0.51 -0.65 | 28.98 0.52 0.00 | 33.81 0.78 0.00 | 47.35 1.19 0.00 | 41.24 0.86 0.00 | 34.75 0.71 0.00 | 26.15 0.46 -0.04 | 25.19 0.36 -0.27 | 22.11 0.33 0.00 | 20.68 0.36 0.00 | 20.12 0.32 0.00 | 19.43 0.34 0.00 | 20.20 0.51 0.00 | 25.33 0.68 0.00 | 40.51 0.96 0.00 | 35.29 1.06 0.00 | 35.08 1.12 0.00 | 34.74 1.00 0.00 | 33.22 0.78 0.00 | 25.78 0.58 0.00 |
| FALCON__SEABRD_CC1 323796 | 31.07 1.52 0.00 | 36.44 1.87 0.00 | 35.02 1.61 0.00 | 30.58 1.31 0.00 | 33.85 1.28 0.00 | 29.05 0.59 0.00 | 33.35 0.32 0.00 | 46.46 0.30 0.00 | 40.97 0.59 0.00 | 34.51 0.47 0.00 | 26.17 0.53 0.00 | 25.08 0.51 0.00 | 22.14 0.36 0.00 | 20.71 0.38 0.00 | 20.18 0.38 0.00 | 19.41 0.31 0.00 | 19.94 0.26 0.00 | 25.23 0.57 0.00 | 40.71 1.16 0.00 | 34.49 0.27 0.00 | 34.34 0.37 0.00 | 34.51 0.77 0.00 | 33.79 1.34 0.00 | 26.35 1.15 0.00 |
| FALCON__SEABRD_CC2 323797 | 31.07 1.52 0.00 | 36.44 1.87 0.00 | 35.02 1.61 0.00 | 30.58 1.31 0.00 | 33.85 1.28 0.00 | 29.05 0.59 0.00 | 33.35 0.32 0.00 | 46.46 0.30 0.00 | 40.97 0.59 0.00 | 34.51 0.47 0.00 | 26.17 0.53 0.00 | 25.08 0.51 0.00 | 22.14 0.36 0.00 | 20.71 0.38 0.00 | 20.18 0.38 0.00 | 19.41 0.31 0.00 | 19.94 0.26 0.00 | 25.23 0.57 0.00 | 40.71 1.16 0.00 | 34.49 0.27 0.00 | 34.34 0.37 0.00 | 34.51 0.77 0.00 | 33.79 1.34 0.00 | 26.35 1.15 0.00 |

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| FAR ROCKAWAY___4 23548 | 32.07 1.84 -0.68 | 36.65 1.67 -0.40 | 35.74 1.53 -0.79 | 31.08 1.59 -0.21 | 34.91 1.73 -0.61 | 30.00 1.54 0.00 | 35.05 2.02 0.00 | 49.03 2.87 0.00 | 42.56 2.19 0.00 | 35.82 1.78 0.00 | 27.01 1.33 -0.04 | 26.05 1.23 -0.25 | 22.84 1.05 0.00 | 21.36 1.03 0.00 | 20.78 0.98 0.00 | 20.12 1.02 0.00 | 20.93 1.24 0.00 | 26.72 1.65 -0.41 | 41.88 2.33 0.00 | 36.32 2.10 0.00 | 36.13 2.16 0.00 | 35.72 1.98 0.00 | 34.09 1.65 0.00 | 26.49 1.28 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 31.40 1.17 -0.68 | 35.91 0.93 -0.40 | 35.04 0.83 -0.79 | 30.54 1.06 -0.21 | 34.32 1.14 -0.61 | 29.52 1.06 0.00 | 34.47 1.44 0.00 | 48.25 2.09 0.00 | 41.91 1.53 0.00 | 35.42 1.38 0.00 | 26.69 1.01 -0.04 | 25.68 0.87 -0.25 | 22.53 0.74 0.00 | 21.07 0.74 0.00 | 20.51 0.71 0.00 | 19.83 0.74 0.00 | 20.57 0.88 0.00 | 25.74 1.08 0.00 | 40.94 1.39 0.00 | 35.67 1.44 0.00 | 35.49 1.53 0.00 | 35.14 1.41 0.00 | 33.63 1.18 0.00 | 26.13 0.93 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 31.43 1.20 -0.68 | 35.94 0.96 -0.40 | 35.07 0.87 -0.79 | 30.57 1.08 -0.21 | 34.35 1.17 -0.61 | 29.53 1.08 0.00 | 34.49 1.46 0.00 | 48.28 2.11 0.00 | 41.95 1.57 0.00 | 35.43 1.39 0.00 | 26.71 1.03 -0.04 | 25.70 0.89 -0.25 | 22.53 0.75 0.00 | 21.08 0.75 0.00 | 20.52 0.72 0.00 | 19.84 0.76 0.00 | 20.58 0.89 0.00 | 25.76 1.10 0.00 | 40.98 1.43 0.00 | 35.69 1.46 0.00 | 35.52 1.55 0.00 | 35.17 1.43 0.00 | 33.66 1.21 0.00 | 26.16 0.95 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 31.40 1.16 -0.68 | 35.90 0.92 -0.40 | 35.04 0.83 -0.79 | 30.54 1.05 -0.21 | 34.31 1.13 -0.61 | 29.51 1.05 0.00 | 34.45 1.42 0.00 | 48.23 2.07 0.00 | 41.91 1.53 0.00 | 35.39 1.35 0.00 | 26.68 1.00 -0.04 | 25.67 0.86 -0.25 | 22.51 0.73 0.00 | 21.06 0.73 0.00 | 20.50 0.69 0.00 | 19.83 0.73 0.00 | 20.56 0.87 0.00 | 25.73 1.08 0.00 | 40.93 1.38 0.00 | 35.64 1.41 0.00 | 35.47 1.50 0.00 | 35.12 1.38 0.00 | 33.61 1.17 0.00 | 26.13 0.92 0.00 |
| FARRAGUT___LBMP 323566 | 31.37 1.14 -0.68 | 35.88 0.90 -0.40 | 35.00 0.80 -0.79 | 30.51 1.03 -0.21 | 34.29 1.11 -0.61 | 29.49 1.03 0.00 | 34.43 1.40 0.00 | 48.20 2.04 0.00 | 41.87 1.49 0.00 | 35.37 1.34 0.00 | 26.66 0.98 -0.04 | 25.65 0.84 -0.25 | 22.50 0.71 0.00 | 21.04 0.71 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.55 0.86 0.00 | 25.71 1.05 0.00 | 40.90 1.35 0.00 | 35.62 1.40 0.00 | 35.45 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.14 0.00 | 26.11 0.90 0.00 |
| FENNER___WINDPWR 24204 | 30.15 0.60 0.00 | 35.20 0.62 0.00 | 34.03 0.62 0.00 | 29.77 0.50 0.00 | 33.17 0.60 0.00 | 29.02 0.57 0.00 | 33.73 0.70 0.00 | 47.18 1.02 0.00 | 41.26 0.88 0.00 | 34.72 0.68 0.00 | 26.16 0.51 0.00 | 25.01 0.45 0.00 | 22.14 0.35 0.00 | 20.60 0.27 0.00 | 20.03 0.23 0.00 | 19.29 0.20 0.00 | 19.93 0.24 0.00 | 24.99 0.33 0.00 | 40.29 0.75 0.00 | 35.14 0.91 0.00 | 34.87 0.90 0.00 | 34.49 0.75 0.00 | 33.12 0.67 0.00 | 25.69 0.49 0.00 |
| FIBERTEK___ENERGY 23856 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| FITZPATRICK___ 23598 | 28.84 -0.72 0.00 | 33.70 -0.87 0.00 | 32.61 -0.80 0.00 | 28.55 -0.72 0.00 | 31.80 -0.77 0.00 | 27.82 -0.64 0.00 | 32.27 -0.76 0.00 | 45.04 -1.12 0.00 | 39.38 -1.00 0.00 | 33.21 -0.83 0.00 | 25.04 -0.61 0.00 | 23.96 -0.60 0.00 | 21.28 -0.51 0.00 | 19.85 -0.47 0.00 | 19.34 -0.47 0.00 | 18.65 -0.44 0.00 | 19.23 -0.45 0.00 | 24.00 -0.66 0.00 | 38.49 -1.06 0.00 | 33.42 -0.81 0.00 | 33.12 -0.85 0.00 | 32.80 -0.93 0.00 | 31.54 -0.90 0.00 | 24.54 -0.66 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 31.89 1.66 -0.68 | 36.39 1.41 -0.40 | 35.51 1.31 -0.79 | 30.91 1.43 -0.21 | 34.71 1.53 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.54 2.37 0.00 | 42.29 1.91 0.00 | 35.57 1.53 0.00 | 26.82 1.13 -0.04 | 25.81 0.99 -0.25 | 22.61 0.83 0.00 | 21.15 0.83 0.00 | 20.57 0.77 0.00 | 19.91 0.82 0.00 | 20.77 1.08 0.00 | 26.60 1.54 -0.41 | 41.58 2.03 0.00 | 35.96 1.74 0.00 | 35.75 1.78 0.00 | 35.34 1.60 0.00 | 33.62 1.17 0.00 | 26.13 0.93 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 31.16 1.05 -0.56 | 35.86 0.95 -0.33 | 34.94 0.88 -0.65 | 30.37 0.92 -0.17 | 34.07 1.00 -0.50 | 29.41 0.96 0.00 | 34.33 1.31 0.00 | 48.10 1.94 0.00 | 41.86 1.48 0.00 | 35.22 1.18 0.00 | 26.47 0.79 -0.03 | 25.44 0.67 -0.21 | 22.37 0.58 0.00 | 20.91 0.59 0.00 | 20.34 0.54 0.00 | 19.66 0.57 0.00 | 20.44 0.75 0.00 | 25.67 1.02 0.00 | 41.09 1.54 0.00 | 35.83 1.60 0.00 | 35.62 1.65 0.00 | 35.23 1.49 0.00 | 33.69 1.25 0.00 | 26.13 0.93 0.00 |
| FORT ORANGE___ 23900 | 29.60 0.57 0.52 | 34.92 0.66 0.31 | 33.41 0.61 0.61 | 29.70 0.59 0.16 | 32.72 0.61 0.47 | 29.07 0.61 0.00 | 33.81 0.79 0.00 | 47.34 1.17 0.00 | 41.37 1.00 0.00 | 34.86 0.82 0.00 | 26.19 0.58 0.03 | 24.87 0.50 0.19 | 22.23 0.44 0.00 | 20.74 0.42 0.00 | 20.14 0.34 0.00 | 19.43 0.34 0.00 | 20.09 0.40 0.00 | 25.30 0.65 0.00 | 40.73 1.18 0.00 | 35.47 1.25 0.00 | 35.23 1.27 0.00 | 34.90 1.16 0.00 | 33.38 0.93 0.00 | 25.86 0.66 0.00 |
| FORT_DRUM_COGEN 23780 | 30.29 0.74 0.00 | 35.39 0.81 0.00 | 33.92 0.51 0.00 | 29.43 0.16 0.00 | 32.51 -0.07 0.00 | 28.53 0.08 0.00 | 33.20 0.17 0.00 | 46.82 0.66 0.00 | 41.11 0.74 0.00 | 34.53 0.49 0.00 | 26.07 0.43 0.00 | 24.85 0.29 0.00 | 21.85 0.07 0.00 | 20.22 -0.10 0.00 | 19.57 -0.24 0.00 | 18.79 -0.31 0.00 | 19.36 -0.33 0.00 | 24.48 -0.17 0.00 | 40.08 0.53 0.00 | 35.60 1.38 0.00 | 35.40 1.43 0.00 | 34.96 1.22 0.00 | 33.48 1.03 0.00 | 25.73 0.52 0.00 |
| FOX_HILLS___ESR 323835 | 31.61 1.37 -0.68 | 36.03 1.05 -0.40 | 35.18 0.98 -0.79 | 30.78 1.29 -0.22 | 34.57 1.39 -0.61 | 29.74 1.28 -0.01 | 34.68 1.65 0.00 | 48.23 2.07 0.00 | 41.83 1.45 0.00 | 35.46 1.42 0.00 | 26.76 1.07 -0.04 | 25.72 0.90 -0.25 | 22.55 0.77 0.00 | 21.10 0.78 0.00 | 20.55 0.75 0.00 | 19.85 0.76 0.00 | 20.60 0.91 0.00 | 25.77 1.12 0.00 | 40.86 1.31 0.00 | 35.62 1.40 0.00 | 35.52 1.55 0.00 | 35.24 1.50 0.00 | 33.76 1.32 0.00 | 26.25 1.05 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 32.07 1.84 -0.68 | 36.64 1.66 -0.40 | 35.73 1.52 -0.79 | 31.07 1.59 -0.21 | 34.91 1.73 -0.61 | 29.99 1.54 0.00 | 35.05 2.02 0.00 | 49.03 2.87 0.00 | 42.56 2.18 0.00 | 35.81 1.78 0.00 | 27.01 1.32 -0.04 | 26.05 1.24 -0.25 | 22.84 1.05 0.00 | 21.36 1.03 0.00 | 20.78 0.98 0.00 | 20.12 1.02 0.00 | 20.92 1.24 0.00 | 26.72 1.65 -0.41 | 41.88 2.33 0.00 | 36.32 2.10 0.00 | 36.13 2.16 0.00 | 35.72 1.98 0.00 | 34.09 1.65 0.00 | 26.49 1.28 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 32.07 1.84 -0.68 | 36.64 1.66 -0.40 | 35.73 1.52 -0.79 | 31.07 1.59 -0.21 | 34.91 1.73 -0.61 | 29.99 1.54 0.00 | 35.05 2.02 0.00 | 49.03 2.87 0.00 | 42.56 2.18 0.00 | 35.81 1.78 0.00 | 27.01 1.32 -0.04 | 26.05 1.24 -0.25 | 22.84 1.05 0.00 | 21.36 1.03 0.00 | 20.78 0.98 0.00 | 20.12 1.02 0.00 | 20.92 1.24 0.00 | 26.72 1.65 -0.41 | 41.88 2.33 0.00 | 36.32 2.10 0.00 | 36.13 2.16 0.00 | 35.72 1.98 0.00 | 34.09 1.65 0.00 | 26.49 1.28 0.00 |

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| FRANKLIN_FALL_HYD 24054 | 30.78 1.22 0.00 | 36.14 1.56 0.00 | 34.77 1.35 0.00 | 30.35 1.08 0.00 | 33.71 1.14 0.00 | 29.13 0.67 0.00 | 33.58 0.55 0.00 | 46.89 0.73 0.00 | 41.32 0.94 0.00 | 34.82 0.78 0.00 | 26.33 0.68 0.00 | 25.21 0.65 0.00 | 22.26 0.47 0.00 | 20.74 0.41 0.00 | 20.22 0.42 0.00 | 19.43 0.33 0.00 | 19.93 0.24 0.00 | 25.11 0.46 0.00 | 40.58 1.03 0.00 | 34.80 0.57 0.00 | 34.59 0.63 0.00 | 34.57 0.83 0.00 | 33.57 1.12 0.00 | 26.08 0.88 0.00 |
| FREEPORT_EQUS_GT1 23764 | 31.85 1.62 -0.68 | 36.38 1.40 -0.40 | 35.49 1.29 -0.79 | 30.87 1.39 -0.21 | 34.68 1.50 -0.61 | 29.79 1.33 0.00 | 34.80 1.78 0.00 | 48.69 2.53 0.00 | 42.28 1.90 0.00 | 35.57 1.53 0.00 | 26.83 1.15 -0.04 | 25.84 1.03 -0.25 | 22.65 0.87 0.00 | 21.19 0.86 0.00 | 20.61 0.81 0.00 | 19.96 0.86 0.00 | 20.77 1.08 0.00 | 26.54 1.47 -0.41 | 41.57 2.02 0.00 | 36.05 1.83 0.00 | 35.86 1.90 0.00 | 35.44 1.70 0.00 | 33.82 1.38 0.00 | 26.29 1.09 0.00 |
| FREEPORT___CT2 23818 | 31.85 1.62 -0.68 | 36.38 1.40 -0.40 | 35.49 1.29 -0.79 | 30.87 1.39 -0.21 | 34.68 1.50 -0.61 | 29.79 1.33 0.00 | 34.80 1.78 0.00 | 48.69 2.53 0.00 | 42.28 1.90 0.00 | 35.57 1.53 0.00 | 26.83 1.15 -0.04 | 25.84 1.03 -0.25 | 22.65 0.87 0.00 | 21.19 0.86 0.00 | 20.61 0.81 0.00 | 19.96 0.86 0.00 | 20.77 1.08 0.00 | 26.54 1.47 -0.41 | 41.57 2.02 0.00 | 36.05 1.83 0.00 | 35.86 1.90 0.00 | 35.44 1.70 0.00 | 33.82 1.38 0.00 | 26.29 1.09 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 31.65 1.41 -0.68 | 36.00 1.02 -0.40 | 35.18 0.97 -0.79 | 30.89 1.40 -0.22 | 34.74 1.55 -0.61 | 29.88 1.42 -0.01 | 34.81 1.78 0.00 | 48.10 1.93 0.00 | 41.64 1.26 0.00 | 35.39 1.35 0.00 | 26.74 1.05 -0.04 | 25.68 0.87 -0.25 | 22.51 0.73 0.00 | 21.07 0.75 0.00 | 20.53 0.73 0.00 | 19.83 0.74 0.00 | 20.58 0.90 0.00 | 25.74 1.09 0.00 | 40.70 1.16 0.00 | 35.49 1.26 0.00 | 35.42 1.45 0.00 | 35.18 1.44 0.00 | 33.75 1.30 0.00 | 26.24 1.03 0.00 |
| FULTON COGEN____ 23766 | 29.12 -0.43 0.00 | 34.01 -0.57 0.00 | 32.92 -0.50 0.00 | 28.81 -0.45 0.00 | 32.12 -0.45 0.00 | 28.10 -0.35 0.00 | 32.62 -0.42 0.00 | 45.52 -0.64 0.00 | 39.78 -0.60 0.00 | 33.53 -0.51 0.00 | 25.26 -0.38 0.00 | 24.19 -0.37 0.00 | 21.46 -0.32 0.00 | 20.01 -0.32 0.00 | 19.47 -0.34 0.00 | 18.78 -0.32 0.00 | 19.37 -0.32 0.00 | 24.19 -0.47 0.00 | 38.84 -0.71 0.00 | 33.80 -0.43 0.00 | 33.50 -0.47 0.00 | 33.13 -0.61 0.00 | 31.85 -0.59 0.00 | 24.77 -0.43 0.00 |
| FULTON___LFGE 323630 | 32.75 3.67 0.48 | 38.38 4.09 0.29 | 36.73 3.87 0.56 | 32.46 3.34 0.15 | 35.99 3.85 0.43 | 31.88 3.42 0.00 | 37.14 4.11 0.00 | 52.10 5.94 0.00 | 45.78 5.40 0.00 | 38.63 4.59 0.00 | 28.99 3.37 0.03 | 27.45 3.06 0.18 | 24.22 2.43 0.00 | 22.36 2.04 0.00 | 21.62 1.82 0.00 | 20.75 1.66 0.00 | 21.40 1.72 0.00 | 27.02 2.36 0.00 | 43.92 4.38 0.00 | 38.66 4.43 0.00 | 38.35 4.39 0.00 | 37.98 4.24 0.00 | 36.24 3.80 0.00 | 28.05 2.85 0.00 |
| G.F.CEMENT___DRP 24184 | 30.02 1.09 0.63 | 35.47 1.27 0.37 | 33.86 1.18 0.73 | 30.12 1.04 0.19 | 33.07 1.06 0.56 | 29.52 1.06 0.00 | 34.29 1.26 0.00 | 48.01 1.85 0.00 | 42.27 1.89 0.00 | 35.69 1.65 0.00 | 26.82 1.21 0.04 | 25.36 1.04 0.23 | 22.57 0.79 0.00 | 20.99 0.67 0.00 | 20.36 0.57 0.00 | 19.63 0.54 0.00 | 20.35 0.66 0.00 | 25.76 1.10 0.00 | 41.57 2.02 0.00 | 36.27 2.05 0.00 | 35.96 1.99 0.00 | 35.50 1.76 0.00 | 33.76 1.31 0.00 | 26.05 0.85 0.00 |
| GARDENVILLE___LBMP 24039 | 29.32 -0.23 0.00 | 34.25 -0.33 0.00 | 33.32 -0.09 0.00 | 29.09 -0.18 0.00 | 32.65 0.08 0.00 | 28.54 0.09 0.00 | 32.72 -0.31 0.00 | 44.98 -1.18 0.00 | 39.38 -0.99 0.00 | 33.35 -0.69 0.00 | 25.33 -0.31 0.00 | 24.30 -0.27 0.00 | 21.40 -0.38 0.00 | 19.86 -0.46 0.00 | 19.40 -0.41 0.00 | 18.68 -0.41 0.00 | 19.18 -0.51 0.00 | 23.84 -0.81 0.00 | 38.00 -1.55 0.00 | 33.04 -1.19 0.00 | 32.42 -1.55 0.00 | 31.81 -1.93 0.00 | 30.98 -1.47 0.00 | 24.42 -0.78 0.00 |
| GARDNVLA_35_KV_LD 355827 | 29.46 -0.09 0.00 | 34.41 -0.17 0.00 | 33.48 0.07 0.00 | 29.24 -0.03 0.00 | 32.82 0.24 0.00 | 28.68 0.23 0.00 | 32.89 -0.14 0.00 | 45.20 -0.96 0.00 | 39.59 -0.79 0.00 | 33.53 -0.51 0.00 | 25.47 -0.17 0.00 | 24.42 -0.14 0.00 | 21.52 -0.27 0.00 | 19.96 -0.36 0.00 | 19.50 -0.30 0.00 | 18.79 -0.30 0.00 | 19.28 -0.41 0.00 | 23.98 -0.68 0.00 | 38.22 -1.33 0.00 | 33.23 -1.00 0.00 | 32.60 -1.37 0.00 | 31.97 -1.77 0.00 | 31.14 -1.30 0.00 | 24.55 -0.65 0.00 |
| GELCKHM___115KV_LOAD 80723 | 29.30 -0.25 0.00 | 34.22 -0.35 0.00 | 33.12 -0.29 0.00 | 28.99 -0.28 0.00 | 32.31 -0.26 0.00 | 28.28 -0.18 0.00 | 32.81 -0.22 0.00 | 45.80 -0.37 0.00 | 40.03 -0.35 0.00 | 33.76 -0.28 0.00 | 25.46 -0.19 0.00 | 24.36 -0.20 0.00 | 21.62 -0.17 0.00 | 20.14 -0.18 0.00 | 19.61 -0.19 0.00 | 18.92 -0.17 0.00 | 19.51 -0.17 0.00 | 24.37 -0.29 0.00 | 39.09 -0.46 0.00 | 33.97 -0.26 0.00 | 33.66 -0.30 0.00 | 33.29 -0.44 0.00 | 32.02 -0.42 0.00 | 24.92 -0.28 0.00 |
| GENERAL___MILLS 23808 | 29.42 -0.14 0.00 | 34.36 -0.21 0.00 | 33.43 0.02 0.00 | 29.19 -0.08 0.00 | 32.76 0.18 0.00 | 28.64 0.18 0.00 | 32.84 -0.19 0.00 | 45.14 -1.03 0.00 | 39.52 -0.86 0.00 | 33.48 -0.56 0.00 | 25.43 -0.22 0.00 | 24.38 -0.18 0.00 | 21.48 -0.31 0.00 | 19.93 -0.39 0.00 | 19.47 -0.34 0.00 | 18.75 -0.34 0.00 | 19.24 -0.45 0.00 | 23.93 -0.73 0.00 | 38.15 -1.40 0.00 | 33.16 -1.07 0.00 | 32.55 -1.42 0.00 | 31.91 -1.83 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| GE_PLASTICS___DRP 24183 | 29.49 0.34 0.41 | 34.73 0.40 0.24 | 33.30 0.36 0.47 | 29.51 0.36 0.13 | 32.57 0.36 0.37 | 28.83 0.38 0.00 | 33.54 0.51 0.00 | 46.94 0.77 0.00 | 41.00 0.62 0.00 | 34.54 0.50 0.00 | 25.96 0.34 0.02 | 24.69 0.28 0.15 | 22.05 0.26 0.00 | 20.59 0.27 0.00 | 20.02 0.22 0.00 | 19.32 0.22 0.00 | 19.98 0.29 0.00 | 25.11 0.45 0.00 | 40.34 0.79 0.00 | 35.08 0.85 0.00 | 34.84 0.87 0.00 | 34.52 0.79 0.00 | 33.05 0.60 0.00 | 25.63 0.42 0.00 |
| GILBOA___1 23756 | 29.93 0.26 -0.11 | 35.03 0.38 -0.07 | 33.95 0.40 -0.13 | 29.63 0.33 -0.04 | 33.00 0.33 -0.10 | 28.71 0.25 0.00 | 33.41 0.38 0.00 | 46.75 0.59 0.00 | 40.82 0.44 0.00 | 34.40 0.36 0.00 | 25.88 0.23 -0.01 | 24.78 0.17 -0.04 | 21.94 0.16 0.00 | 20.49 0.17 0.00 | 19.94 0.14 0.00 | 19.24 0.14 0.00 | 19.92 0.23 0.00 | 24.98 0.33 0.00 | 40.06 0.51 0.00 | 34.78 0.56 0.00 | 34.53 0.57 0.00 | 34.27 0.54 0.00 | 32.84 0.40 0.00 | 25.48 0.28 0.00 |
| GILBOA___2 23757 | 29.93 0.26 -0.11 | 35.03 0.38 -0.07 | 33.95 0.40 -0.13 | 29.63 0.33 -0.04 | 33.00 0.33 -0.10 | 28.71 0.25 0.00 | 33.41 0.38 0.00 | 46.75 0.59 0.00 | 40.82 0.44 0.00 | 34.40 0.36 0.00 | 25.88 0.23 -0.01 | 24.78 0.17 -0.04 | 21.94 0.16 0.00 | 20.49 0.17 0.00 | 19.94 0.14 0.00 | 19.24 0.14 0.00 | 19.92 0.23 0.00 | 24.98 0.33 0.00 | 40.06 0.51 0.00 | 34.78 0.56 0.00 | 34.53 0.57 0.00 | 34.27 0.54 0.00 | 32.84 0.40 0.00 | 25.48 0.28 0.00 |
| GILBOA___3 23758 | 29.93 0.26 -0.11 | 35.03 0.38 -0.07 | 33.95 0.40 -0.13 | 29.63 0.33 -0.04 | 33.00 0.33 -0.10 | 28.71 0.25 0.00 | 33.41 0.38 0.00 | 46.75 0.59 0.00 | 40.82 0.44 0.00 | 34.40 0.36 0.00 | 25.88 0.23 -0.01 | 24.78 0.17 -0.04 | 21.94 0.16 0.00 | 20.49 0.17 0.00 | 19.94 0.14 0.00 | 19.24 0.14 0.00 | 19.92 0.23 0.00 | 24.98 0.33 0.00 | 40.06 0.51 0.00 | 34.78 0.56 0.00 | 34.53 0.57 0.00 | 34.27 0.54 0.00 | 32.84 0.40 0.00 | 25.48 0.28 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GILBOA___4 23759 | 29.93 0.26 -0.11 | 35.03 0.38 -0.07 | 33.95 0.40 -0.13 | 29.63 0.33 -0.04 | 33.00 0.33 -0.10 | 28.71 0.25 0.00 | 33.41 0.38 0.00 | 46.75 0.59 0.00 | 40.82 0.44 0.00 | 34.40 0.36 0.00 | 25.88 0.23 -0.01 | 24.78 0.17 -0.04 | 21.94 0.16 0.00 | 20.49 0.17 0.00 | 19.94 0.14 0.00 | 19.24 0.14 0.00 | 19.92 0.23 0.00 | 24.98 0.33 0.00 | 40.06 0.51 0.00 | 34.78 0.56 0.00 | 34.53 0.57 0.00 | 34.27 0.54 0.00 | 32.84 0.40 0.00 | 25.48 0.28 0.00 |
| GILBOA____ 23599 | 29.93 0.26 -0.11 | 35.03 0.38 -0.07 | 33.95 0.40 -0.13 | 29.63 0.33 -0.04 | 33.01 0.33 -0.10 | 28.71 0.25 0.00 | 33.41 0.38 0.00 | 46.75 0.59 0.00 | 40.82 0.44 0.00 | 34.40 0.36 0.00 | 25.88 0.23 -0.01 | 24.78 0.17 -0.04 | 21.94 0.16 0.00 | 20.50 0.17 0.00 | 19.94 0.14 0.00 | 19.24 0.14 0.00 | 19.92 0.23 0.00 | 24.98 0.33 0.00 | 40.06 0.51 0.00 | 34.78 0.56 0.00 | 34.54 0.57 0.00 | 34.28 0.54 0.00 | 32.84 0.39 0.00 | 25.48 0.28 0.00 |
| GINNA____ 23603 | 27.97 -1.59 0.00 | 32.66 -1.91 0.00 | 31.68 -1.73 0.00 | 27.70 -1.57 0.00 | 30.97 -1.60 0.00 | 27.11 -1.34 0.00 | 31.32 -1.71 0.00 | 42.82 -2.73 0.61 | 37.96 -2.42 0.00 | 32.04 -2.00 0.00 | 24.23 -1.41 0.00 | 23.20 -1.37 0.00 | 20.50 -1.29 0.00 | 19.04 -1.28 0.00 | 18.56 -1.25 0.00 | 17.88 -1.21 0.00 | 18.44 -1.25 0.00 | 23.04 -1.62 0.00 | 37.00 -2.54 0.00 | 32.19 -2.03 0.00 | 31.77 -2.19 0.00 | 31.30 -2.44 0.00 | 30.22 -2.23 0.00 | 23.63 -1.57 0.00 |
| GLEN PARK____ 23778 | 30.68 1.12 0.00 | 35.83 1.26 0.00 | 34.33 0.92 0.00 | 29.79 0.52 0.00 | 32.93 0.36 0.00 | 28.91 0.45 0.00 | 33.66 0.63 0.00 | 47.50 1.33 0.00 | 41.62 1.24 0.00 | 34.85 0.81 0.00 | 26.29 0.64 0.00 | 25.02 0.46 0.00 | 21.95 0.17 0.00 | 20.29 -0.03 0.00 | 19.62 -0.19 0.00 | 18.82 -0.27 0.00 | 19.40 -0.28 0.00 | 24.57 -0.08 0.00 | 40.38 0.83 0.00 | 36.14 1.92 0.00 | 35.96 1.99 0.00 | 35.47 1.73 0.00 | 33.93 1.49 0.00 | 26.05 0.84 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 31.61 1.37 -0.68 | 36.12 1.14 -0.40 | 35.25 1.04 -0.79 | 30.74 1.25 -0.22 | 34.52 1.33 -0.61 | 29.71 1.24 -0.01 | 34.66 1.64 0.00 | 48.49 2.32 0.00 | 42.09 1.71 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.65 0.86 0.00 | 21.19 0.86 0.00 | 20.63 0.82 0.00 | 19.94 0.85 0.00 | 20.68 0.99 0.00 | 25.87 1.22 0.00 | 41.15 1.60 0.00 | 35.86 1.63 0.00 | 35.69 1.73 0.00 | 35.37 1.63 0.00 | 33.84 1.40 0.00 | 26.30 1.10 0.00 |
| GLENWOOD_IC_1_G5 23712 | 31.88 1.65 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.92 1.43 -0.21 | 34.73 1.55 -0.61 | 29.85 1.39 0.00 | 34.88 1.85 0.00 | 48.78 2.62 0.00 | 42.36 1.98 0.00 | 35.66 1.62 0.00 | 26.90 1.22 -0.04 | 25.91 1.09 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.67 0.87 0.00 | 20.01 0.91 0.00 | 20.81 1.12 0.00 | 26.56 1.50 -0.41 | 41.60 2.06 0.00 | 36.11 1.88 0.00 | 35.91 1.94 0.00 | 35.49 1.75 0.00 | 33.87 1.42 0.00 | 26.34 1.14 0.00 |
| GLENWOOD_IC_2_G1 23688 | 31.79 1.56 -0.68 | 36.33 1.35 -0.40 | 35.46 1.26 -0.79 | 30.83 1.35 -0.21 | 34.63 1.45 -0.61 | 29.77 1.31 0.00 | 34.78 1.75 0.00 | 48.64 2.48 0.00 | 42.25 1.87 0.00 | 35.57 1.53 0.00 | 26.83 1.15 -0.04 | 25.84 1.03 -0.25 | 22.66 0.88 0.00 | 21.19 0.86 0.00 | 20.62 0.81 0.00 | 19.96 0.86 0.00 | 20.75 1.06 0.00 | 26.49 1.42 -0.41 | 41.49 1.94 0.00 | 36.00 1.78 0.00 | 35.81 1.84 0.00 | 35.38 1.65 0.00 | 33.79 1.35 0.00 | 26.28 1.08 0.00 |
| GLENWOOD_IC_3_G1 23689 | 31.79 1.56 -0.68 | 36.33 1.35 -0.40 | 35.46 1.26 -0.79 | 30.83 1.35 -0.21 | 34.63 1.45 -0.61 | 29.77 1.31 0.00 | 34.78 1.75 0.00 | 48.64 2.48 0.00 | 42.25 1.87 0.00 | 35.57 1.53 0.00 | 26.83 1.15 -0.04 | 25.84 1.03 -0.25 | 22.66 0.88 0.00 | 21.19 0.86 0.00 | 20.62 0.81 0.00 | 19.96 0.86 0.00 | 20.75 1.06 0.00 | 26.49 1.42 -0.41 | 41.49 1.94 0.00 | 36.00 1.78 0.00 | 35.81 1.84 0.00 | 35.38 1.65 0.00 | 33.79 1.35 0.00 | 26.28 1.08 0.00 |
| GLENWOOD___4 23550 | 31.88 1.65 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.92 1.43 -0.21 | 34.73 1.55 -0.61 | 29.85 1.39 0.00 | 34.88 1.85 0.00 | 48.78 2.62 0.00 | 42.36 1.98 0.00 | 35.66 1.62 0.00 | 26.90 1.22 -0.04 | 25.91 1.09 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.67 0.87 0.00 | 20.01 0.91 0.00 | 20.81 1.12 0.00 | 26.56 1.50 -0.41 | 41.60 2.06 0.00 | 36.11 1.88 0.00 | 35.91 1.94 0.00 | 35.49 1.75 0.00 | 33.87 1.42 0.00 | 26.34 1.14 0.00 |
| GLENWOOD___5 23614 | 31.88 1.65 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.92 1.43 -0.21 | 34.73 1.55 -0.61 | 29.85 1.39 0.00 | 34.88 1.85 0.00 | 48.78 2.62 0.00 | 42.36 1.98 0.00 | 35.66 1.62 0.00 | 26.90 1.22 -0.04 | 25.91 1.09 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.67 0.87 0.00 | 20.01 0.91 0.00 | 20.81 1.12 0.00 | 26.56 1.50 -0.41 | 41.60 2.06 0.00 | 36.11 1.88 0.00 | 35.91 1.94 0.00 | 35.49 1.75 0.00 | 33.87 1.42 0.00 | 26.34 1.14 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 32.17 1.94 -0.68 | 36.71 1.73 -0.40 | 35.85 1.65 -0.79 | 31.22 1.74 -0.21 | 35.07 1.89 -0.61 | 29.97 1.51 0.00 | 34.99 1.96 0.00 | 48.97 2.80 0.00 | 42.91 2.54 0.00 | 36.07 2.03 0.00 | 27.16 1.48 -0.04 | 26.11 1.30 -0.25 | 22.91 1.12 0.00 | 21.40 1.07 0.00 | 20.76 0.96 0.00 | 20.05 0.96 0.00 | 20.92 1.23 0.00 | 26.85 1.78 -0.41 | 41.81 2.26 0.00 | 36.15 1.92 0.00 | 35.93 1.97 0.00 | 35.53 1.79 0.00 | 33.68 1.23 0.00 | 26.16 0.96 0.00 |
| GLOBE___DSASP 323697 | 28.54 -1.01 0.00 | 33.38 -1.20 0.00 | 32.48 -0.93 0.00 | 28.34 -0.93 0.00 | 31.83 -0.75 0.00 | 27.83 -0.63 0.00 | 31.74 -1.29 0.00 | 43.46 -2.70 0.00 | 37.96 -2.42 0.00 | 32.16 -1.88 0.00 | 24.45 -1.19 0.00 | 23.44 -1.12 0.00 | 20.66 -1.13 0.00 | 19.18 -1.14 0.00 | 18.75 -1.05 0.00 | 18.07 -1.02 0.00 | 18.52 -1.16 0.00 | 23.03 -1.63 0.00 | 36.61 -2.93 0.00 | 31.76 -2.46 0.00 | 31.18 -2.79 0.00 | 30.61 -3.13 0.00 | 29.91 -2.54 0.00 | 23.71 -1.49 0.00 |
| GOETHSLN___LBMP 323567 | 31.18 0.95 -0.68 | 35.65 0.67 -0.40 | 34.81 0.60 -0.79 | 30.36 0.88 -0.21 | 34.10 0.92 -0.61 | 29.31 0.85 0.00 | 34.23 1.20 0.00 | 47.95 1.79 0.00 | 41.69 1.31 0.00 | 35.21 1.17 0.00 | 26.50 0.82 -0.04 | 25.50 0.69 -0.25 | 22.36 0.57 0.00 | 20.92 0.60 0.00 | 20.37 0.57 0.00 | 19.69 0.60 0.00 | 20.43 0.75 0.00 | 25.54 0.89 0.00 | 40.62 1.08 0.00 | 35.40 1.18 0.00 | 35.23 1.27 0.00 | 34.88 1.14 0.00 | 33.38 0.94 0.00 | 25.97 0.77 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 29.50 -0.06 0.00 | 34.45 -0.12 0.00 | 33.44 0.02 0.00 | 29.22 -0.05 0.00 | 32.73 0.16 0.00 | 28.64 0.18 0.00 | 33.02 -0.01 0.00 | 45.64 -0.53 0.00 | 39.86 -0.52 0.00 | 33.61 -0.43 0.00 | 25.44 -0.21 0.00 | 24.35 -0.21 0.00 | 21.48 -0.30 0.00 | 19.95 -0.38 0.00 | 19.45 -0.36 0.00 | 18.74 -0.36 0.00 | 19.28 -0.40 0.00 | 24.07 -0.58 0.00 | 38.64 -0.90 0.00 | 33.70 -0.52 0.00 | 33.22 -0.74 0.00 | 32.68 -1.06 0.00 | 31.66 -0.79 0.00 | 24.84 -0.36 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 30.53 0.84 -0.14 | 35.54 0.89 -0.08 | 34.48 0.90 -0.16 | 30.14 0.83 -0.04 | 33.62 0.93 -0.12 | 29.31 0.85 0.00 | 34.10 1.08 0.00 | 47.73 1.56 0.00 | 41.67 1.29 0.00 | 35.17 1.13 0.00 | 26.46 0.81 -0.01 | 25.33 0.72 -0.05 | 22.38 0.60 0.00 | 20.86 0.54 0.00 | 20.30 0.50 0.00 | 19.58 0.49 0.00 | 20.27 0.58 0.00 | 25.47 0.82 0.00 | 41.15 1.61 0.00 | 35.76 1.54 0.00 | 35.46 1.50 0.00 | 35.14 1.41 0.00 | 33.71 1.26 0.00 | 26.19 0.98 0.00 |

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|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GOUDEY___7 235031 | 29.72 | 34.65 | 33.60 | 29.37 | 32.78 | 28.65 | 33.29 | 46.54 | 40.68 | 34.36 | 25.88 | 24.76 | 21.94 | 20.38 | 19.84 | 19.11 | 19.74 | 24.68 | 39.67 | 34.54 | 34.23 | 33.87 | 32.54 | 25.27 |
| | 0.17 | 0.08 | 0.19 | 0.10 | 0.21 | 0.19 | 0.26 | 0.38 | 0.30 | 0.32 | 0.24 | 0.20 | 0.15 | 0.05 | 0.04 | 0.02 | 0.06 | 0.02 | 0.12 | 0.31 | 0.26 | 0.13 | 0.10 | 0.07 |
| | 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 | |
| GOUDEY___8 23579 | 29.75 | 34.69 | 33.63 | 29.40 | 32.81 | 28.67 | 33.33 | 46.58 | 40.72 | 34.39 | 25.91 | 24.79 | 21.96 | 20.40 | 19.86 | 19.13 | 19.76 | 24.71 | 39.71 | 34.57 | 34.26 | 33.89 | 32.58 | 25.30 |
| | 0.19 | 0.11 | 0.21 | 0.13 | 0.24 | 0.22 | 0.30 | 0.42 | 0.34 | 0.35 | 0.26 | 0.23 | 0.18 | 0.07 | 0.06 | 0.04 | 0.07 | 0.05 | 0.16 | 0.35 | 0.30 | 0.15 | 0.13 | 0.10 |
| | 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 | |
| GOUDEY___8 23580 | 29.72 | 34.65 | 33.60 | 29.37 | 32.78 | 28.65 | 33.29 | 46.54 | 40.68 | 34.36 | 25.88 | 24.76 | 21.94 | 20.38 | 19.84 | 19.11 | 19.74 | 24.68 | 39.67 | 34.54 | 34.23 | 33.87 | 32.54 | 25.27 |
| | 0.17 | 0.08 | 0.19 | 0.10 | 0.21 | 0.19 | 0.26 | 0.38 | 0.30 | 0.32 | 0.24 | 0.20 | 0.15 | 0.05 | 0.04 | 0.02 | 0.06 | 0.02 | 0.12 | 0.31 | 0.26 | 0.13 | 0.10 | 0.07 |
| | 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 | |
| GOWANUS_GT1_1 24077 | 31.59 | 36.04 | 35.19 | 30.72 | 34.50 | 29.67 | 34.61 | 48.30 | 41.93 | 35.50 | 26.76 | 25.74 | 22.57 | 21.12 | 20.57 | 19.87 | 20.61 | 25.79 | 40.95 | 35.70 | 35.58 | 35.28 | 33.78 | 26.26 |
| | 1.35 | 1.06 | 0.98 | 1.23 | 1.32 | 1.21 | 1.58 | 2.13 | 1.55 | 1.46 | 1.08 | 0.93 | 0.78 | 0.79 | 0.76 | 0.78 | 0.92 | 1.14 | 1.40 | 1.47 | 1.61 | 1.54 | 1.33 | 1.06 |
| | -0.68 | -0.40 | -0.79 | -0.22 | -0.61 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_2 24078 | 31.59 | 36.04 | 35.19 | 30.72 | 34.50 | 29.67 | 34.61 | 48.30 | 41.93 | 35.50 | 26.76 | 25.74 | 22.57 | 21.12 | 20.57 | 19.87 | 20.61 | 25.79 | 40.95 | 35.70 | 35.58 | 35.28 | 33.78 | 26.26 |
| | 1.35 | 1.06 | 0.98 | 1.23 | 1.32 | 1.21 | 1.58 | 2.13 | 1.55 | 1.46 | 1.08 | 0.93 | 0.78 | 0.79 | 0.76 | 0.78 | 0.92 | 1.14 | 1.40 | 1.47 | 1.61 | 1.54 | 1.33 | 1.06 |
| | -0.68 | -0.40 | -0.79 | -0.22 | -0.61 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_3 24079 | 31.59 | 36.04 | 35.19 | 30.72 | 34.50 | 29.67 | 34.61 | 48.30 | 41.93 | 35.50 | 26.76 | 25.74 | 22.57 | 21.12 | 20.57 | 19.87 | 20.61 | 25.79 | 40.95 | 35.70 | 35.58 | 35.28 | 33.78 | 26.26 |
| | 1.35 | 1.06 | 0.98 | 1.23 | 1.32 | 1.21 | 1.58 | 2.13 | 1.55 | 1.46 | 1.08 | 0.93 | 0.78 | 0.79 | 0.76 | 0.78 | 0.92 | 1.14 | 1.40 | 1.47 | 1.61 | 1.54 | 1.33 | 1.06 |
| | -0.68 | -0.40 | -0.79 | -0.22 | -0.61 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | -0.04 | -0 | | | | | | | | | | | | |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOWANUS_GT2_5 24118 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT2_6 24119 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT2_7 24120 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT2_8 24121 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT3_1 24122 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT3_2 24123 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT3_3 24124 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT3_4 24125 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | | | | | | | | | | | | | | | | | |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_4 24133 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT4_5 24134 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT4_6 24135 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT4_7 24136 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GOWANUS_GT4_8 24137 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GREENBSH_115KV_TB3 55895 | 29.36 0.37 0.56 | 34.66 0.42 0.34 | 33.13 0.37 0.65 | 29.49 0.40 0.17 | 32.46 0.39 0.51 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.01 0.84 0.00 | 41.07 0.69 0.00 | 34.61 0.57 0.00 | 26.00 0.40 0.03 | 24.69 0.34 0.21 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.37 0.28 0.00 | 20.04 0.35 0.00 | 25.19 0.53 0.00 | 40.46 0.91 0.00 | 35.20 0.98 0.00 | 34.97 1.00 0.00 | 34.66 0.92 0.00 | 33.15 0.71 0.00 | 25.69 0.49 0.00 |
| GREENDGE_115KV_TB5 80291 | 29.74 0.19 0.00 | 34.53 -0.04 0.00 | 33.60 0.19 0.00 | 29.40 0.13 0.00 | 32.76 0.19 0.00 | 28.87 0.41 0.00 | 33.27 0.24 0.00 | 46.46 0.29 0.00 | 40.70 0.32 0.00 | 34.43 0.39 0.00 | 26.14 0.49 0.00 | 24.98 0.42 0.00 | 22.07 0.29 0.00 | 20.39 0.07 0.00 | 19.80 -0.01 0.00 | 19.03 -0.07 0.00 | 19.63 -0.05 0.00 | 24.59 -0.06 0.00 | 39.49 -0.06 0.00 | 34.56 0.33 0.00 | 34.23 0.27 0.00 | 33.72 -0.02 0.00 | 32.43 -0.01 0.00 | 25.33 0.13 0.00 |
| GREENIDGE___3 23582 | 29.74 0.19 0.00 | 34.53 -0.04 0.00 | 33.60 0.19 0.00 | 29.40 0.13 0.00 | 32.76 0.19 0.00 | 28.87 0.41 0.00 | 33.27 0.24 0.00 | 46.46 0.29 0.00 | 40.70 0.32 0.00 | 34.43 0.39 0.00 | 26.14 0.49 0.00 | 24.98 0.42 0.00 | 22.07 0.29 0.00 | 20.39 0.07 0.00 | 19.80 -0.01 0.00 | 19.03 -0.07 0.00 | 19.63 -0.05 0.00 | 24.59 -0.06 0.00 | 39.49 -0.06 0.00 | 34.56 0.33 0.00 | 34.23 0.27 0.00 | 33.72 -0.02 0.00 | 32.43 -0.01 0.00 | 25.33 0.13 0.00 |
| GREENIDGE___4 23583 | 29.74 0.19 0.00 | 34.53 -0.04 0.00 | 33.61 0.20 0.00 | 29.42 0.15 0.00 | 32.76 0.19 0.00 | 28.87 0.41 0.00 | 33.27 0.24 0.00 | 47.50 0.30 -1.04 | 40.70 0.32 0.00 | 34.43 0.39 0.00 | 26.13 0.49 0.00 | 24.98 0.42 0.00 | 22.07 0.29 0.00 | 20.39 0.07 0.00 | 19.80 -0.01 0.00 | 19.03 -0.07 0.00 | 19.64 -0.04 0.00 | 24.59 -0.06 0.00 | 39.49 -0.06 0.00 | 34.56 0.33 0.00 | 34.24 0.27 0.00 | 33.72 -0.02 0.00 | 32.43 -0.01 0.00 | 25.33 0.13 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 31.64 1.41 -0.68 | 36.12 1.14 -0.40 | 35.26 1.05 -0.79 | 30.70 1.22 -0.21 | 34.47 1.29 -0.61 | 29.60 1.14 0.00 | 34.57 1.54 0.00 | 48.23 2.07 0.00 | 41.83 1.46 0.00 | 35.28 1.24 0.00 | 26.65 0.97 -0.04 | 25.68 0.86 -0.25 | 22.51 0.73 0.00 | 21.07 0.74 0.00 | 20.49 0.68 0.00 | 19.83 0.74 0.00 | 20.64 0.95 0.00 | 26.40 1.33 -0.41 | 41.24 1.69 0.00 | 35.66 1.44 0.00 | 35.45 1.49 0.00 | 35.02 1.28 0.00 | 33.43 0.99 0.00 | 26.02 0.82 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| GRISSOM___SOLAR 323813 | 32.75 3.67 0.48 | 38.38 4.09 0.29 | 36.73 3.87 0.56 | 32.46 3.34 0.15 | 35.99 3.85 0.43 | 31.88 3.42 0.00 | 37.14 4.11 0.00 | 52.10 5.94 0.00 | 45.78 5.40 0.00 | 38.63 4.59 0.00 | 28.99 3.37 0.03 | 27.45 3.06 0.18 | 24.22 2.43 0.00 | 22.36 2.04 0.00 | 21.62 1.82 0.00 | 20.75 1.66 0.00 | 21.40 1.72 0.00 | 27.02 2.36 0.00 | 43.92 4.38 0.00 | 38.66 4.43 0.00 | 38.35 4.39 0.00 | 37.98 4.24 0.00 | 36.24 3.80 0.00 | 28.05 2.85 0.00 |
| GROVEVILLE___HYD 323602 | 31.16 1.05 -0.56 | 35.86 0.95 -0.33 | 34.94 0.88 -0.65 | 30.37 0.92 -0.17 | 34.07 1.00 -0.50 | 29.41 0.96 0.00 | 34.33 1.31 0.00 | 48.10 1.94 0.00 | 41.86 1.48 0.00 | 35.22 1.18 0.00 | 26.47 0.79 -0.03 | 25.44 0.67 -0.21 | 22.37 0.58 0.00 | 20.91 0.59 0.00 | 20.34 0.54 0.00 | 19.66 0.57 0.00 | 20.44 0.75 0.00 | 25.67 1.02 0.00 | 41.09 1.54 0.00 | 35.83 1.60 0.00 | 35.62 1.65 0.00 | 35.23 1.49 0.00 | 33.69 1.25 0.00 | 26.13 0.93 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 29.57 0.01 0.00 | 34.54 -0.03 0.00 | 33.44 0.02 0.00 | 29.28 0.01 0.00 | 32.60 0.03 0.00 | 28.58 0.12 0.00 | 33.17 0.14 0.00 | 46.24 0.07 0.00 | 40.45 0.07 0.00 | 34.13 0.09 0.00 | 25.74 0.10 0.00 | 24.61 0.05 0.00 | 21.83 0.04 0.00 | 20.32 0.00 0.00 | 19.77 -0.03 0.00 | 19.07 -0.03 0.00 | 19.67 -0.02 0.00 | 24.60 -0.06 0.00 | 39.52 -0.03 0.00 | 34.35 0.12 0.00 | 34.02 0.06 0.00 | 33.63 -0.11 0.00 | 32.34 -0.11 0.00 | 25.16 -0.04 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 29.43 -0.13 0.00 | 34.48 -0.10 0.00 | 33.15 -0.26 0.00 | 28.85 -0.42 0.00 | 31.97 -0.61 0.00 | 27.92 -0.54 0.00 | 32.40 -0.64 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.56 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 29.28 -0.28 0.00 | 34.09 -0.48 0.00 | 32.85 -0.56 0.00 | 28.81 -0.46 0.00 | 32.23 -0.35 0.00 | 28.28 -0.17 0.00 | 32.97 -0.06 0.00 | 46.38 0.22 0.00 | 40.60 0.23 0.00 | 34.25 0.21 0.00 | 25.75 0.11 0.00 | 24.54 -0.02 0.00 | 21.69 -0.09 0.00 | 20.19 -0.14 0.00 | 19.52 -0.29 0.00 | 18.80 -0.29 0.00 | 19.53 -0.16 0.00 | 24.66 0.01 0.00 | 39.70 0.15 0.00 | 34.75 0.52 0.00 | 34.55 0.58 0.00 | 34.24 0.49 0.00 | 32.73 0.28 0.00 | 25.26 0.05 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 31.18 1.04 -0.59 | 35.80 0.87 -0.35 | 34.92 0.81 -0.69 | 30.33 0.87 -0.18 | 34.04 0.94 -0.53 | 29.36 0.90 0.00 | 34.29 1.26 0.00 | 48.04 1.88 0.00 | 41.76 1.38 0.00 | 35.16 1.12 0.00 | 26.43 0.75 -0.04 | 25.41 0.63 -0.22 | 22.33 0.54 0.00 | 20.87 0.54 0.00 | 20.30 0.50 0.00 | 19.60 0.51 0.00 | 20.37 0.68 0.00 | 25.54 0.88 0.00 | 40.79 1.25 0.00 | 35.57 1.35 0.00 | 35.39 1.42 0.00 | 35.01 1.27 0.00 | 33.50 1.06 0.00 | 26.03 0.83 0.00 |
| HARSNRAD_115KV_TB1 81005 | 28.87 -0.68 0.00 | 33.74 -0.84 0.00 | 32.84 -0.57 0.00 | 28.67 -0.60 0.00 | 32.19 -0.38 0.00 | 28.17 -0.29 0.00 | 32.22 -0.81 0.00 | 44.17 -1.99 0.00 | 38.64 -1.73 0.00 | 32.71 -1.33 0.00 | 24.84 -0.80 0.00 | 23.81 -0.75 0.00 | 20.96 -0.82 0.00 | 19.45 -0.87 0.00 | 19.00 -0.80 0.00 | 18.31 -0.78 0.00 | 18.78 -0.90 0.00 | 23.36 -1.29 0.00 | 37.24 -2.31 0.00 | 32.41 -1.82 0.00 | 31.82 -2.15 0.00 | 31.22 -2.52 0.00 | 30.44 -2.00 0.00 | 24.11 -1.09 0.00 |
| HARZA MOOSE___RIVER 24016 | 30.27 0.72 0.00 | 35.35 0.77 0.00 | 33.99 0.58 0.00 | 29.61 0.34 0.00 | 32.80 0.23 0.00 | 28.75 0.30 0.00 | 33.48 0.46 0.00 | 47.00 0.83 0.00 | 41.27 0.90 0.00 | 34.76 0.72 0.00 | 26.23 0.59 0.00 | 25.05 0.49 0.00 | 22.13 0.34 0.00 | 20.56 0.23 0.00 | 19.95 0.14 0.00 | 19.19 0.09 0.00 | 19.80 0.11 0.00 | 24.93 0.28 0.00 | 40.46 0.91 0.00 | 35.41 1.19 0.00 | 35.15 1.18 0.00 | 34.78 1.04 0.00 | 33.34 0.90 0.00 | 25.78 0.58 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 29.31 -0.24 0.00 | 34.22 -0.35 0.00 | 33.13 -0.29 0.00 | 29.00 -0.27 0.00 | 32.34 -0.23 0.00 | 28.29 -0.17 0.00 | 32.83 -0.20 0.00 | 45.81 -0.35 0.00 | 40.04 -0.34 0.00 | 33.77 -0.27 0.00 | 25.46 -0.19 0.00 | 24.36 -0.20 0.00 | 21.62 -0.17 0.00 | 20.14 -0.18 0.00 | 19.62 -0.19 0.00 | 18.92 -0.17 0.00 | 19.51 -0.18 0.00 | 24.35 -0.31 0.00 | 39.01 -0.54 0.00 | 33.91 -0.32 0.00 | 33.60 -0.36 0.00 | 33.24 -0.50 0.00 | 31.98 -0.47 0.00 | 24.89 -0.31 0.00 |
| HELLGATE_13_KV_LD 55870 | 31.50 1.26 -0.68 | 36.01 1.03 -0.40 | 35.15 0.94 -0.79 | 30.65 1.16 -0.22 | 34.43 1.24 -0.61 | 29.62 1.16 -0.01 | 34.57 1.54 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.52 1.48 0.00 | 26.76 1.08 -0.04 | 25.75 0.93 -0.25 | 22.58 0.80 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.92 0.00 | 25.78 1.12 0.00 | 40.98 1.44 0.00 | 35.73 1.50 0.00 | 35.56 1.59 0.00 | 35.23 1.50 0.00 | 33.71 1.27 0.00 | 26.20 1.00 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 31.50 1.26 -0.68 | 36.01 1.03 -0.40 | 35.15 0.94 -0.79 | 30.65 1.16 -0.22 | 34.43 1.24 -0.61 | 29.62 1.16 -0.01 | 34.57 1.54 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.52 1.48 0.00 | 26.76 1.08 -0.04 | 25.75 0.93 -0.25 | 22.58 0.80 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.60 0.92 0.00 | 25.78 1.12 0.00 | 40.98 1.44 0.00 | 35.73 1.50 0.00 | 35.56 1.59 0.00 | 35.23 1.50 0.00 | 33.71 1.27 0.00 | 26.20 1.00 0.00 |
| HEMPSTEAD___ 23647 | 31.73 1.50 -0.68 | 36.24 1.26 -0.40 | 35.37 1.17 -0.79 | 30.76 1.28 -0.21 | 34.56 1.37 -0.61 | 29.69 1.23 0.00 | 34.69 1.67 0.00 | 48.53 2.37 0.00 | 42.13 1.75 0.00 | 35.47 1.43 0.00 | 26.75 1.07 -0.04 | 25.77 0.96 -0.25 | 22.59 0.81 0.00 | 21.13 0.81 0.00 | 20.56 0.76 0.00 | 19.90 0.81 0.00 | 20.70 1.01 0.00 | 26.43 1.36 -0.41 | 41.39 1.85 0.00 | 35.90 1.68 0.00 | 35.71 1.74 0.00 | 35.29 1.55 0.00 | 33.68 1.24 0.00 | 26.20 1.00 0.00 |
| HEWLETT__69_KV_BK3 55828 | 31.92 1.69 -0.68 | 36.49 1.51 -0.40 | 35.58 1.38 -0.79 | 30.94 1.46 -0.21 | 34.76 1.58 -0.61 | 29.86 1.41 0.00 | 34.90 1.87 0.00 | 48.82 2.66 0.00 | 42.38 2.00 0.00 | 35.65 1.61 0.00 | 26.89 1.21 -0.04 | 25.93 1.11 -0.25 | 22.75 0.96 0.00 | 21.27 0.94 0.00 | 20.69 0.89 0.00 | 20.03 0.94 0.00 | 20.83 1.15 0.00 | 26.60 1.53 -0.41 | 41.67 2.13 0.00 | 36.14 1.92 0.00 | 35.95 1.99 0.00 | 35.55 1.81 0.00 | 33.93 1.49 0.00 | 26.37 1.17 0.00 |
| HICKLING___1 23621 | 29.76 0.21 0.00 | 34.69 0.12 0.00 | 33.74 0.33 0.00 | 29.36 0.09 0.00 | 32.84 0.26 0.00 | 28.76 0.30 0.00 | 33.39 0.36 0.00 | 46.79 0.62 0.00 | 40.96 0.58 0.00 | 34.66 0.62 0.00 | 26.15 0.50 0.00 | 25.03 0.47 0.00 | 22.15 0.36 0.00 | 20.50 0.17 0.00 | 19.95 0.15 0.00 | 19.19 0.09 0.00 | 19.81 0.13 0.00 | 24.75 0.10 0.00 | 39.89 0.34 0.00 | 34.85 0.62 0.00 | 34.47 0.50 0.00 | 34.00 0.26 0.00 | 32.62 0.18 0.00 | 25.33 0.13 0.00 |
| HICKLING___2 23622 | 29.76 0.21 0.00 | 34.69 0.12 0.00 | 33.74 0.33 0.00 | 29.36 0.09 0.00 | 32.84 0.26 0.00 | 28.76 0.30 0.00 | 33.39 0.36 0.00 | 46.79 0.62 0.00 | 40.96 0.58 0.00 | 34.66 0.62 0.00 | 26.15 0.50 0.00 | 25.03 0.47 0.00 | 22.15 0.36 0.00 | 20.50 0.17 0.00 | 19.95 0.15 0.00 | 19.19 0.09 0.00 | 19.81 0.13 0.00 | 24.75 0.10 0.00 | 39.89 0.34 0.00 | 34.85 0.62 0.00 | 34.47 0.50 0.00 | 34.00 0.26 0.00 | 32.62 0.18 0.00 | 25.33 0.13 0.00 |
| HIGH FALLS___HY 23754 | 31.18 1.27 -0.35 | 35.93 1.14 -0.21 | 34.89 1.07 -0.41 | 30.49 1.11 -0.11 | 34.10 1.21 -0.32 | 29.58 1.12 0.00 | 34.58 1.56 0.00 | 48.46 2.30 0.00 | 42.03 1.65 0.00 | 35.21 1.17 0.00 | 26.33 0.67 -0.02 | 25.19 0.50 -0.13 | 22.21 0.42 0.00 | 20.74 0.42 0.00 | 20.20 0.40 0.00 | 19.51 0.42 0.00 | 20.32 0.63 0.00 | 25.56 0.90 0.00 | 40.99 1.44 0.00 | 35.83 1.61 0.00 | 35.66 1.70 0.00 | 35.28 1.54 0.00 | 33.76 1.32 0.00 | 26.22 1.01 0.00 |
| HILLBURN___GT 23639 | 31.19 1.02 -0.62 | 35.76 0.82 -0.37 | 34.89 0.75 -0.72 | 30.31 0.85 -0.19 | 34.04 0.91 -0.56 | 29.34 0.88 0.00 | 34.29 1.26 0.00 | 48.06 1.90 0.00 | 41.76 1.38 0.00 | 35.17 1.13 0.00 | 26.44 0.76 -0.04 | 25.44 0.64 -0.23 | 22.34 0.56 0.00 | 20.89 0.56 0.00 | 20.32 0.52 0.00 | 19.61 0.52 0.00 | 20.37 0.68 0.00 | 25.53 0.87 0.00 | 40.72 1.17 0.00 | 35.50 1.27 0.00 | 35.32 1.35 0.00 | 34.95 1.21 0.00 | 33.44 1.00 0.00 | 26.00 0.79 0.00 |
| HILLSIDE_115KV_TB1 80332 | 29.37 -0.18 0.00 | 34.22 -0.35 0.00 | 33.27 -0.15 0.00 | 28.99 -0.28 0.00 | 32.40 -0.17 0.00 | 28.33 -0.12 0.00 | 32.94 -0.09 0.00 | 46.10 -0.06 0.00 | 40.34 -0.04 0.00 | 34.13 0.09 0.00 | 25.73 0.08 0.00 | 24.63 0.07 0.00 | 21.80 0.02 0.00 | 20.19 -0.13 0.00 | 19.67 -0.13 0.00 | 18.92 -0.17 0.00 | 19.53 -0.15 0.00 | 24.38 -0.27 0.00 | 39.26 -0.29 0.00 | 34.25 0.03 0.00 | 33.91 -0.06 0.00 | 33.51 -0.23 0.00 | 32.20 -0.24 0.00 | 24.98 -0.22 0.00 |

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| HISHELDN_WT_PWR 323625 | 29.01 -0.54 0.00 | 33.88 -0.70 0.00 | 33.01 -0.40 0.00 | 28.84 -0.43 0.00 | 32.35 -0.22 0.00 | 28.32 -0.14 0.00 | 32.43 -0.60 0.00 | 42.73 -1.64 1.80 | 39.03 -1.34 0.00 | 33.08 -0.96 0.00 | 25.15 -0.49 0.00 | 24.14 -0.42 0.00 | 21.27 -0.51 0.00 | 19.75 -0.58 0.00 | 19.29 -0.51 0.00 | 18.58 -0.51 0.00 | 19.10 -0.59 0.00 | 23.71 -0.94 0.00 | 37.74 -1.81 0.00 | 32.80 -1.43 0.00 | 32.10 -1.87 0.00 | 31.34 -2.39 0.00 | 30.54 -1.91 0.00 | 24.05 -1.15 0.00 |
| HOLTSVILLE_IC_1 23690 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| HOLTSVILLE_IC_10 23699 | 31.93 1.70 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.95 1.47 -0.21 | 34.75 1.57 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.55 2.39 0.00 | 42.37 1.99 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.64 0.85 0.00 | 21.18 0.86 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.79 1.11 0.00 | 26.63 1.56 -0.41 | 41.57 2.02 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.61 0.00 | 33.61 1.16 0.00 | 26.11 0.91 0.00 |
| HOLTSVILLE_IC_2 23691 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| HOLTSVILLE_IC_3 23692 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| HOLTSVILLE_IC_4 23693 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| HOLTSVILLE_IC_5 23694 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| HOLTSVILLE_IC_6 23695 | 31.93 1.70 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.95 1.47 -0.21 | 34.75 1.57 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.55 2.39 0.00 | 42.37 1.99 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.64 0.85 0.00 | 21.18 0.86 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.79 1.11 0.00 | 26.63 1.56 -0.41 | 41.57 2.02 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.61 0.00 | 33.61 1.16 0.00 | 26.11 0.91 0.00 |
| HOLTSVILLE_IC_7 23696 | 31.93 1.70 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.95 1.47 -0.21 | 34.75 1.57 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.55 2.39 0.00 | 42.37 1.99 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.64 0.85 0.00 | 21.18 0.86 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.79 1.11 0.00 | 26.63 1.56 -0.41 | 41.57 2.02 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.61 0.00 | 33.61 1.16 0.00 | 26.11 0.91 0.00 |
| HOLTSVILLE_IC_8 23697 | 31.93 1.70 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.95 1.47 -0.21 | 34.75 1.57 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.55 2.39 0.00 | 42.37 1.99 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.64 0.85 0.00 | 21.18 0.86 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.79 1.11 0.00 | 26.63 1.56 -0.41 | 41.57 2.02 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.61 0.00 | 33.61 1.16 0.00 | 26.11 0.91 0.00 |
| HOLTSVILLE_IC_9 23698 | 31.93 1.70 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.95 1.47 -0.21 | 34.75 1.57 -0.61 | 29.74 1.28 0.00 | 34.73 1.70 0.00 | 48.55 2.39 0.00 | 42.37 1.99 0.00 | 35.62 1.58 0.00 | 26.85 1.17 -0.04 | 25.84 1.02 -0.25 | 22.64 0.85 0.00 | 21.18 0.86 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.79 1.11 0.00 | 26.63 1.56 -0.41 | 41.57 2.02 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.61 0.00 | 33.61 1.16 0.00 | 26.11 0.91 0.00 |
| HOMER_HL_115KV_TB2 355744 | 30.07 0.52 0.00 | 35.12 0.55 0.00 | 34.11 0.69 0.00 | 29.77 0.50 0.00 | 33.48 0.91 0.00 | 29.02 0.56 0.00 | 33.51 0.48 0.00 | 46.51 0.34 0.00 | 40.70 0.32 0.00 | 34.54 0.50 0.00 | 26.32 0.68 0.00 | 25.28 0.72 0.00 | 22.25 0.47 0.00 | 20.61 0.28 0.00 | 20.10 0.30 0.00 | 19.29 0.20 0.00 | 19.88 0.20 0.00 | 24.60 -0.06 0.00 | 39.07 -0.48 0.00 | 34.04 -0.19 0.00 | 33.48 -0.48 0.00 | 32.96 -0.78 0.00 | 32.11 -0.34 0.00 | 25.15 -0.05 0.00 |
| HOWARD_WT_PWR 323690 | 29.73 0.18 0.00 | 34.82 0.24 0.00 | 33.92 0.50 0.00 | 29.43 0.16 0.00 | 32.95 0.37 0.00 | 28.83 0.37 0.00 | 33.35 0.32 0.00 | 47.86 0.84 -0.86 | 41.30 0.92 0.00 | 34.95 0.91 0.00 | 26.44 0.79 0.00 | 25.32 0.76 0.00 | 22.39 0.60 0.00 | 20.67 0.35 0.00 | 20.10 0.30 0.00 | 19.31 0.21 0.00 | 19.95 0.26 0.00 | 24.97 0.31 0.00 | 40.36 0.82 0.00 | 35.43 1.21 0.00 | 34.86 0.89 0.00 | 34.18 0.44 0.00 | 32.58 0.13 0.00 | 25.48 0.27 0.00 |
| HQ_GEN_CEDARS 23644 | 29.74 0.19 0.00 | 34.97 0.39 0.00 | 33.77 0.36 0.00 | 29.51 0.24 0.00 | 32.83 0.26 0.00 | 28.56 0.10 0.00 | 33.00 -0.03 0.00 | 46.07 -0.10 0.00 | 40.42 0.04 0.00 | 34.06 0.02 0.00 | 25.69 0.05 0.00 | 24.66 0.10 0.00 | 21.83 0.05 0.00 | 20.34 0.01 0.00 | 19.88 0.08 0.00 | 19.14 0.05 0.00 | 19.62 -0.06 0.00 | 24.60 -0.06 0.00 | 39.53 -0.02 0.00 | 34.01 -0.21 0.00 | 33.74 -0.23 0.00 | 33.64 -0.10 0.00 | 32.53 0.08 0.00 | 25.26 0.06 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 29.75 0.19 0.00 | 34.97 0.39 0.00 | 33.77 0.36 0.00 | 29.51 0.24 0.00 | 32.83 0.26 0.00 | 28.56 0.10 0.00 | 33.00 -0.03 0.00 | 46.68 -0.09 -0.60 | 40.42 0.04 0.00 | 34.06 0.02 0.00 | 25.69 0.05 0.00 | 24.66 0.10 0.00 | 21.83 0.05 0.00 | 20.34 0.01 0.00 | 19.88 0.08 0.00 | 19.14 0.05 0.00 | 19.62 -0.07 0.00 | 24.60 -0.06 0.00 | 39.53 -0.02 0.00 | 34.01 -0.21 0.00 | 33.73 -0.24 0.00 | 33.64 -0.10 0.00 | 32.53 0.08 0.00 | 25.26 0.06 0.00 |

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| HQ_GEN_IMPORT 323601 | 29.62 0.07 0.00 | 34.74 0.17 0.00 | 33.58 0.17 0.00 | 29.38 0.11 0.00 | 32.69 0.12 0.00 | 28.47 0.02 0.00 | 32.19 -0.06 0.78 | 49.73 -0.11 -3.68 | 40.56 -0.02 -0.20 | 34.04 -0.01 0.00 | 25.66 0.02 0.00 | 24.63 0.07 0.00 | 21.83 0.05 0.00 | 20.36 0.04 0.00 | 19.88 0.08 0.00 | 19.15 0.06 0.00 | 19.67 -0.02 0.00 | 24.63 -0.03 0.00 | 40.11 -0.05 -0.60 | 33.96 -0.26 0.00 | 33.71 -0.26 0.00 | 33.62 -0.12 0.00 | 32.45 0.01 0.00 | 25.22 0.02 0.00 |
| HQ_GEN_WHEEL 23651 | 29.62 0.07 0.00 | 34.74 0.17 0.00 | 33.58 0.17 0.00 | 29.38 0.11 0.00 | 32.69 0.12 0.00 | 28.47 0.02 0.00 | 32.19 -0.06 0.78 | 49.73 -0.11 -3.68 | 40.56 -0.02 -0.20 | 34.04 -0.01 0.00 | 25.66 0.02 0.00 | 24.63 0.07 0.00 | 21.83 0.05 0.00 | 20.36 0.04 0.00 | 19.88 0.08 0.00 | 19.15 0.06 0.00 | 19.67 -0.02 0.00 | 24.63 -0.03 0.00 | 40.11 -0.05 -0.60 | 33.96 -0.26 0.00 | 33.71 -0.26 0.00 | 33.62 -0.12 0.00 | 32.45 0.01 0.00 | 25.22 0.02 0.00 |
| HUDSON AVE_GT_3 23810 | 31.43 1.20 -0.68 | 35.95 0.97 -0.40 | 35.07 0.87 -0.79 | 30.57 1.09 -0.21 | 34.36 1.18 -0.61 | 29.54 1.08 0.00 | 34.49 1.46 0.00 | 48.28 2.12 0.00 | 41.95 1.57 0.00 | 35.45 1.41 0.00 | 26.72 1.04 -0.04 | 25.71 0.90 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.53 0.73 0.00 | 19.85 0.76 0.00 | 20.59 0.90 0.00 | 25.76 1.11 0.00 | 40.98 1.44 0.00 | 35.70 1.47 0.00 | 35.53 1.56 0.00 | 35.18 1.44 0.00 | 33.67 1.22 0.00 | 26.16 0.96 0.00 |
| HUDSON AVE_GT_4 23540 | 31.43 1.20 -0.68 | 35.95 0.97 -0.40 | 35.07 0.87 -0.79 | 30.57 1.09 -0.21 | 34.36 1.18 -0.61 | 29.54 1.08 0.00 | 34.49 1.46 0.00 | 48.28 2.12 0.00 | 41.95 1.57 0.00 | 35.45 1.41 0.00 | 26.72 1.04 -0.04 | 25.71 0.90 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.53 0.73 0.00 | 19.85 0.76 0.00 | 20.59 0.90 0.00 | 25.76 1.11 0.00 | 40.98 1.44 0.00 | 35.70 1.47 0.00 | 35.53 1.56 0.00 | 35.18 1.44 0.00 | 33.67 1.22 0.00 | 26.16 0.96 0.00 |
| HUDSON AVE_GT_5 23657 | 31.43 1.20 -0.68 | 35.95 0.97 -0.40 | 35.07 0.87 -0.79 | 30.57 1.09 -0.21 | 34.36 1.18 -0.61 | 29.54 1.08 0.00 | 34.49 1.46 0.00 | 48.28 2.12 0.00 | 41.95 1.57 0.00 | 35.45 1.41 0.00 | 26.72 1.04 -0.04 | 25.71 0.90 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.53 0.73 0.00 | 19.85 0.76 0.00 | 20.59 0.90 0.00 | 25.76 1.11 0.00 | 40.98 1.44 0.00 | 35.70 1.47 0.00 | 35.53 1.56 0.00 | 35.18 1.44 0.00 | 33.67 1.22 0.00 | 26.16 0.96 0.00 |
| HUDSON_AVE_10 24168 | 31.35 1.12 -0.68 | 35.85 0.87 -0.40 | 34.97 0.76 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.48 1.02 0.00 | 34.41 1.38 0.00 | 48.16 2.00 0.00 | 41.83 1.45 0.00 | 35.35 1.31 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.71 0.00 | 21.03 0.70 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.54 0.85 0.00 | 25.68 1.03 0.00 | 40.88 1.33 0.00 | 35.61 1.38 0.00 | 35.43 1.47 0.00 | 35.08 1.35 0.00 | 33.57 1.13 0.00 | 26.08 0.88 0.00 |
| HUDSON___115KV_TB 4 355613 | 30.29 1.10 0.37 | 35.66 1.30 0.22 | 34.25 1.27 0.43 | 30.29 1.13 0.11 | 33.47 1.23 0.33 | 29.61 1.15 0.00 | 34.45 1.42 0.00 | 48.22 2.06 0.00 | 42.19 1.81 0.00 | 35.56 1.52 0.00 | 26.71 1.09 0.02 | 25.38 0.96 0.14 | 22.53 0.74 0.00 | 20.96 0.63 0.00 | 20.31 0.52 0.00 | 19.60 0.50 0.00 | 20.27 0.58 0.00 | 25.64 0.98 0.00 | 41.45 1.91 0.00 | 36.23 2.00 0.00 | 35.96 1.99 0.00 | 35.54 1.80 0.00 | 33.96 1.52 0.00 | 26.28 1.08 0.00 |
| HUNTER MOUNT___DRP 323613 | 30.67 1.33 0.22 | 36.05 1.60 0.13 | 34.73 1.56 0.25 | 30.55 1.34 0.07 | 33.87 1.49 0.19 | 29.82 1.36 0.00 | 34.67 1.64 0.00 | 48.56 2.39 0.00 | 42.53 2.16 0.00 | 35.82 1.78 0.00 | 26.92 1.29 0.01 | 25.62 1.14 0.08 | 22.65 0.87 0.00 | 21.05 0.73 0.00 | 20.39 0.59 0.00 | 19.67 0.57 0.00 | 20.34 0.66 0.00 | 25.80 1.14 0.00 | 41.79 2.24 0.00 | 36.57 2.35 0.00 | 36.27 2.30 0.00 | 35.85 2.11 0.00 | 34.24 1.80 0.00 | 26.47 1.26 0.00 |
| HUNTINGTON_RES_REC 323705 | 31.74 1.51 -0.68 | 36.20 1.22 -0.40 | 35.34 1.14 -0.79 | 30.77 1.29 -0.21 | 34.55 1.37 -0.61 | 29.63 1.18 0.00 | 34.61 1.58 0.00 | 48.32 2.15 0.00 | 42.00 1.62 0.00 | 35.36 1.32 0.00 | 26.69 1.00 -0.04 | 25.69 0.88 -0.25 | 22.51 0.72 0.00 | 21.07 0.74 0.00 | 20.48 0.68 0.00 | 19.83 0.74 0.00 | 20.67 0.98 0.00 | 26.47 1.40 -0.41 | 41.37 1.82 0.00 | 35.78 1.55 0.00 | 35.58 1.61 0.00 | 35.15 1.41 0.00 | 33.49 1.05 0.00 | 26.05 0.85 0.00 |
| HUNTLEY___63 23557 | 29.18 -0.37 0.00 | 34.10 -0.48 0.00 | 33.18 -0.24 0.00 | 28.96 -0.31 0.00 | 32.52 -0.05 0.00 | 28.44 -0.02 0.00 | 32.54 -0.49 0.00 | 44.63 -1.54 0.00 | 39.04 -1.34 0.00 | 33.04 -1.00 0.00 | 25.09 -0.56 0.00 | 24.06 -0.51 0.00 | 21.18 -0.60 0.00 | 19.66 -0.67 0.00 | 19.20 -0.60 0.00 | 18.50 -0.59 0.00 | 18.98 -0.70 0.00 | 23.61 -1.05 0.00 | 37.64 -1.91 0.00 | 32.71 -1.52 0.00 | 32.13 -1.84 0.00 | 31.53 -2.21 0.00 | 30.74 -1.70 0.00 | 24.30 -0.90 0.00 |
| HUNTLEY___64 23558 | 29.18 -0.37 0.00 | 34.10 -0.48 0.00 | 33.18 -0.24 0.00 | 28.96 -0.31 0.00 | 32.52 -0.05 0.00 | 28.44 -0.02 0.00 | 32.54 -0.49 0.00 | 44.63 -1.54 0.00 | 39.04 -1.34 0.00 | 33.04 -1.00 0.00 | 25.09 -0.56 0.00 | 24.06 -0.51 0.00 | 21.18 -0.60 0.00 | 19.66 -0.67 0.00 | 19.20 -0.60 0.00 | 18.50 -0.59 0.00 | 18.98 -0.70 0.00 | 23.61 -1.05 0.00 | 37.64 -1.91 0.00 | 32.71 -1.52 0.00 | 32.13 -1.84 0.00 | 31.53 -2.21 0.00 | 30.74 -1.70 0.00 | 24.30 -0.90 0.00 |
| HUNTLEY___65 23559 | 29.18 -0.37 0.00 | 34.10 -0.48 0.00 | 33.18 -0.24 0.00 | 28.96 -0.31 0.00 | 32.52 -0.05 0.00 | 28.44 -0.02 0.00 | 32.54 -0.49 0.00 | 44.63 -1.54 0.00 | 39.04 -1.34 0.00 | 33.04 -1.00 0.00 | 25.09 -0.56 0.00 | 24.06 -0.51 0.00 | 21.18 -0.60 0.00 | 19.66 -0.67 0.00 | 19.20 -0.60 0.00 | 18.50 -0.59 0.00 | 18.98 -0.70 0.00 | 23.61 -1.05 0.00 | 37.64 -1.91 0.00 | 32.71 -1.52 0.00 | 32.13 -1.84 0.00 | 31.53 -2.21 0.00 | 30.74 -1.70 0.00 | 24.30 -0.90 0.00 |
| HUNTLEY___66 23560 | 29.18 -0.37 0.00 | 34.10 -0.48 0.00 | 33.18 -0.24 0.00 | 28.96 -0.31 0.00 | 32.52 -0.05 0.00 | 28.44 -0.02 0.00 | 32.54 -0.49 0.00 | 44.63 -1.54 0.00 | 39.04 -1.34 0.00 | 33.04 -1.00 0.00 | 25.09 -0.56 0.00 | 24.06 -0.51 0.00 | 21.18 -0.60 0.00 | 19.66 -0.67 0.00 | 19.20 -0.60 0.00 | 18.50 -0.59 0.00 | 18.98 -0.70 0.00 | 23.61 -1.05 0.00 | 37.64 -1.91 0.00 | 32.71 -1.52 0.00 | 32.13 -1.84 0.00 | 31.53 -2.21 0.00 | 30.74 -1.70 0.00 | 24.30 -0.90 0.00 |
| HUNTLEY___67 23561 | 28.99 -0.56 0.00 | 33.89 -0.68 0.00 | 32.97 -0.44 0.00 | 28.78 -0.49 0.00 | 32.30 -0.27 0.00 | 28.25 -0.21 0.00 | 32.34 -0.69 0.00 | 44.43 -1.74 0.00 | 38.88 -1.50 0.00 | 32.93 -1.11 0.00 | 25.02 -0.62 0.00 | 23.99 -0.57 0.00 | 21.13 -0.65 0.00 | 19.62 -0.71 0.00 | 19.17 -0.64 0.00 | 18.47 -0.63 0.00 | 18.94 -0.74 0.00 | 23.56 -1.10 0.00 | 37.52 -2.03 0.00 | 32.59 -1.63 0.00 | 31.99 -1.98 0.00 | 31.40 -2.34 0.00 | 30.61 -1.83 0.00 | 24.19 -1.02 0.00 |
| HUNTLEY___68 23562 | 28.99 -0.56 0.00 | 33.89 -0.68 0.00 | 32.97 -0.44 0.00 | 28.78 -0.49 0.00 | 32.30 -0.27 0.00 | 28.25 -0.21 0.00 | 32.34 -0.69 0.00 | 44.43 -1.74 0.00 | 38.88 -1.50 0.00 | 32.93 -1.11 0.00 | 25.02 -0.62 0.00 | 23.99 -0.57 0.00 | 21.13 -0.65 0.00 | 19.62 -0.71 0.00 | 19.17 -0.64 0.00 | 18.47 -0.63 0.00 | 18.94 -0.74 0.00 | 23.56 -1.10 0.00 | 37.52 -2.03 0.00 | 32.59 -1.63 0.00 | 31.99 -1.98 0.00 | 31.40 -2.34 0.00 | 30.61 -1.83 0.00 | 24.19 -1.02 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 30.71 1.15 0.00 | 35.83 1.26 0.00 | 34.82 1.41 0.00 | 30.28 1.01 0.00 | 33.93 1.36 0.00 | 29.76 1.30 0.00 | 34.48 1.45 0.00 | 48.67 2.01 -0.49 | 41.75 1.38 0.00 | 34.53 0.49 0.00 | 25.95 0.31 0.00 | 24.85 0.28 0.00 | 21.96 0.18 0.00 | 20.35 0.02 0.00 | 19.81 0.01 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.08 0.00 | 39.64 0.09 0.00 | 35.77 1.55 0.00 | 35.52 1.56 0.00 | 34.90 1.16 0.00 | 33.42 0.98 0.00 | 26.07 0.87 0.00 |
| INDECK___CORINTH 23802 | 29.95 1.00 0.60 | 35.33 1.12 0.36 | 33.74 1.04 0.71 | 29.95 0.87 0.19 | 32.87 0.85 0.54 | 29.32 0.87 0.00 | 34.06 1.03 0.00 | 47.71 1.55 0.00 | 41.98 1.60 0.00 | 35.45 1.41 0.00 | 26.63 1.02 0.04 | 25.20 0.86 0.22 | 22.44 0.65 0.00 | 20.88 0.55 0.00 | 20.25 0.46 0.00 | 19.52 0.43 0.00 | 20.23 0.55 0.00 | 25.60 0.94 0.00 | 41.28 1.73 0.00 | 36.00 1.78 0.00 | 35.70 1.74 0.00 | 35.26 1.52 0.00 | 33.55 1.11 0.00 | 25.90 0.70 0.00 |
| INDECK___ILION 23567 | 29.54 -0.01 0.00 | 34.48 -0.09 0.00 | 33.29 -0.13 0.00 | 29.19 -0.08 0.00 | 32.52 -0.05 0.00 | 28.48 0.03 0.00 | 33.16 0.13 0.00 | 46.48 0.32 0.00 | 40.65 0.28 0.00 | 34.26 0.22 0.00 | 25.78 0.13 0.00 | 24.61 0.05 0.00 | 21.80 0.01 0.00 | 20.31 -0.01 0.00 | 19.72 -0.08 0.00 | 19.02 -0.07 0.00 | 19.68 0.00 0.00 | 24.77 0.11 0.00 | 39.82 0.27 0.00 | 34.70 0.48 0.00 | 34.47 0.51 0.00 | 34.16 0.42 0.00 | 32.70 0.25 0.00 | 25.31 0.10 0.00 |
| INDECK___OLEAN 23982 | 30.06 0.51 0.00 | 35.13 0.55 0.00 | 34.13 0.72 0.00 | 29.79 0.52 0.00 | 33.49 0.91 0.00 | 29.02 0.57 0.00 | 33.51 0.48 0.00 | 44.39 0.34 2.12 | 40.70 0.32 0.00 | 34.54 0.50 0.00 | 26.31 0.67 0.00 | 25.27 0.71 0.00 | 22.25 0.47 0.00 | 20.60 0.28 0.00 | 20.10 0.30 0.00 | 19.29 0.20 0.00 | 19.91 0.22 0.00 | 24.60 -0.06 0.00 | 39.05 -0.49 0.00 | 34.04 -0.18 0.00 | 33.49 -0.48 0.00 | 32.95 -0.79 0.00 | 32.11 -0.34 0.00 | 25.16 -0.05 0.00 |
| INDECK___OSWEGO 23783 | 29.01 -0.55 0.00 | 33.88 -0.69 0.00 | 32.79 -0.63 0.00 | 28.69 -0.58 0.00 | 31.95 -0.62 0.00 | 27.96 -0.50 0.00 | 32.44 -0.59 0.00 | 45.30 -0.87 0.00 | 39.60 -0.78 0.00 | 33.40 -0.64 0.00 | 25.18 -0.46 0.00 | 24.09 -0.47 0.00 | 21.39 -0.40 0.00 | 19.94 -0.39 0.00 | 19.41 -0.40 0.00 | 18.72 -0.38 0.00 | 19.30 -0.38 0.00 | 24.10 -0.55 0.00 | 38.69 -0.86 0.00 | 33.66 -0.57 0.00 | 33.36 -0.61 0.00 | 33.02 -0.72 0.00 | 31.74 -0.70 0.00 | 24.68 -0.52 0.00 |
| INDECK___YERKES 23781 | 29.20 -0.35 0.00 | 34.12 -0.45 0.00 | 33.24 -0.18 0.00 | 29.00 -0.27 0.00 | 32.56 -0.02 0.00 | 28.46 0.01 0.00 | 32.56 -0.47 0.00 | 43.00 -1.49 1.68 | 39.07 -1.31 0.00 | 33.08 -0.96 0.00 | 25.10 -0.54 0.00 | 24.06 -0.50 0.00 | 21.20 -0.59 0.00 | 19.68 -0.65 0.00 | 19.22 -0.58 0.00 | 18.52 -0.57 0.00 | 19.03 -0.66 0.00 | 23.63 -1.02 0.00 | 37.66 -1.89 0.00 | 32.74 -1.48 0.00 | 32.16 -1.81 0.00 | 31.56 -2.18 0.00 | 30.76 -1.68 0.00 | 24.33 -0.87 0.00 |
| INDIAN POINT_GT_1 24139 | 31.18 0.96 -0.66 | 35.73 0.76 -0.40 | 34.88 0.69 -0.78 | 30.29 0.81 -0.21 | 34.03 0.86 -0.60 | 29.28 0.82 0.00 | 34.20 1.17 0.00 | 47.93 1.76 0.00 | 41.66 1.28 0.00 | 35.10 1.06 0.00 | 26.41 0.73 -0.04 | 25.41 0.61 -0.25 | 22.31 0.52 0.00 | 20.86 0.54 0.00 | 20.30 0.50 0.00 | 19.61 0.52 0.00 | 20.35 0.67 0.00 | 25.51 0.85 0.00 | 40.70 1.15 0.00 | 35.46 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.41 0.96 0.00 | 25.96 0.75 0.00 |
| INDIAN POINT_GT_2 23659 | 31.18 0.96 -0.66 | 35.73 0.76 -0.40 | 34.88 0.69 -0.78 | 30.29 0.81 -0.21 | 34.03 0.86 -0.60 | 29.28 0.82 0.00 | 34.20 1.17 0.00 | 47.93 1.76 0.00 | 41.66 1.28 0.00 | 35.10 1.06 0.00 | 26.41 0.73 -0.04 | 25.41 0.61 -0.25 | 22.31 0.52 0.00 | 20.86 0.54 0.00 | 20.30 0.50 0.00 | 19.61 0.52 0.00 | 20.35 0.67 0.00 | 25.51 0.85 0.00 | 40.70 1.15 0.00 | 35.46 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.41 0.96 0.00 | 25.96 0.75 0.00 |
| INDIAN POINT_GT_3 24019 | 31.18 0.96 -0.66 | 35.73 0.76 -0.40 | 34.88 0.69 -0.78 | 30.29 0.81 -0.21 | 34.03 0.86 -0.60 | 29.28 0.82 0.00 | 34.20 1.17 0.00 | 47.93 1.76 0.00 | 41.66 1.28 0.00 | 35.10 1.06 0.00 | 26.41 0.73 -0.04 | 25.41 0.61 -0.25 | 22.31 0.52 0.00 | 20.86 0.54 0.00 | 20.30 0.50 0.00 | 19.61 0.52 0.00 | 20.35 0.67 0.00 | 25.51 0.85 0.00 | 40.70 1.15 0.00 | 35.46 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.41 0.96 0.00 | 25.96 0.75 0.00 |
| INDIAN POINT___2 23530 | 31.15 0.95 -0.65 | 35.70 0.74 -0.39 | 34.84 0.67 -0.75 | 30.27 0.80 -0.20 | 34.00 0.85 -0.58 | 29.27 0.81 0.00 | 34.20 1.17 0.00 | 47.92 1.75 0.00 | 41.64 1.26 0.00 | 35.10 1.06 0.00 | 26.40 0.71 -0.04 | 25.40 0.60 -0.24 | 22.30 0.52 0.00 | 20.85 0.52 0.00 | 20.28 0.49 0.00 | 19.59 0.50 0.00 | 20.33 0.65 0.00 | 25.49 0.83 0.00 | 40.65 1.10 0.00 | 35.42 1.20 0.00 | 35.24 1.28 0.00 | 34.88 1.14 0.00 | 33.37 0.93 0.00 | 25.94 0.74 0.00 |
| INDIAN POINT___3 23531 | 31.16 0.94 -0.67 | 35.71 0.74 -0.40 | 34.86 0.67 -0.78 | 30.27 0.79 -0.21 | 34.01 0.83 -0.60 | 29.26 0.80 0.00 | 34.18 1.15 0.00 | 47.88 1.72 0.00 | 41.63 1.25 0.00 | 35.08 1.04 0.00 | 26.39 0.71 -0.04 | 25.40 0.60 -0.25 | 22.30 0.52 0.00 | 20.85 0.53 0.00 | 20.28 0.49 0.00 | 19.60 0.51 0.00 | 20.34 0.65 0.00 | 25.49 0.83 0.00 | 40.67 1.12 0.00 | 35.44 1.21 0.00 | 35.25 1.28 0.00 | 34.89 1.15 0.00 | 33.38 0.94 0.00 | 25.94 0.74 0.00 |
| INGHAM_C_115KV_TB7 356103 | 29.26 -0.29 0.00 | 34.08 -0.49 0.00 | 32.87 -0.55 0.00 | 28.86 -0.41 0.00 | 32.21 -0.36 0.00 | 28.28 -0.18 0.00 | 32.99 -0.04 0.00 | 46.38 0.22 0.00 | 40.59 0.22 0.00 | 34.17 0.13 0.00 | 25.67 0.03 0.00 | 24.45 -0.11 0.00 | 21.60 -0.18 0.00 | 20.11 -0.22 0.00 | 19.45 -0.36 0.00 | 18.74 -0.35 0.00 | 19.48 -0.21 0.00 | 24.62 -0.03 0.00 | 39.67 0.13 0.00 | 34.80 0.58 0.00 | 34.62 0.65 0.00 | 34.26 0.52 0.00 | 32.66 0.22 0.00 | 25.19 -0.02 0.00 |
| IP CORINTH___1 23988 | 29.95 1.00 0.60 | 35.33 1.12 0.36 | 33.75 1.04 0.71 | 29.96 0.88 0.19 | 32.87 0.85 0.54 | 29.32 0.87 0.00 | 34.06 1.03 0.00 | 47.71 1.55 0.00 | 41.98 1.60 0.00 | 35.45 1.41 0.00 | 26.63 1.02 0.04 | 25.20 0.86 0.22 | 22.43 0.65 0.00 | 20.88 0.55 0.00 | 20.26 0.46 0.00 | 19.52 0.43 0.00 | 20.24 0.55 0.00 | 25.60 0.94 0.00 | 41.28 1.73 0.00 | 36.00 1.78 0.00 | 35.70 1.73 0.00 | 35.26 1.52 0.00 | 33.55 1.10 0.00 | 25.91 0.70 0.00 |
| IP___TICONDEROGA 23804 | 30.79 1.85 0.62 | 36.51 2.30 0.37 | 34.84 2.15 0.72 | 31.11 2.04 0.19 | 34.19 2.18 0.56 | 30.65 2.19 0.00 | 35.49 2.47 0.00 | 49.77 3.61 0.00 | 44.19 3.81 0.00 | 37.35 3.31 0.00 | 28.03 2.43 0.04 | 26.36 2.03 0.23 | 23.20 1.42 0.00 | 21.51 1.19 0.00 | 20.82 1.02 0.00 | 20.08 0.99 0.00 | 20.90 1.21 0.00 | 26.73 2.07 0.00 | 43.34 3.80 0.00 | 38.08 3.86 0.00 | 37.64 3.68 0.00 | 36.99 3.25 0.00 | 34.86 2.42 0.00 | 26.75 1.54 0.00 |
| ISLIP_RES_REC 323679 | 32.04 1.81 -0.68 | 36.54 1.56 -0.40 | 35.67 1.46 -0.79 | 31.04 1.56 -0.21 | 34.87 1.69 -0.61 | 29.84 1.39 0.00 | 34.85 1.82 0.00 | 48.73 2.57 0.00 | 42.53 2.15 0.00 | 35.74 1.70 0.00 | 26.92 1.24 -0.04 | 25.89 1.08 -0.25 | 22.68 0.90 0.00 | 21.22 0.90 0.00 | 20.63 0.83 0.00 | 19.97 0.88 0.00 | 20.84 1.15 0.00 | 26.71 1.64 -0.41 | 41.72 2.17 0.00 | 36.10 1.88 0.00 | 35.88 1.91 0.00 | 35.48 1.75 0.00 | 33.73 1.28 0.00 | 26.21 1.01 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 31.53 1.30 -0.68 | 36.06 1.09 -0.40 | 35.17 0.96 -0.79 | 30.72 1.24 -0.21 | 34.51 1.33 -0.61 | 29.71 1.26 0.00 | 34.67 1.65 0.00 | 48.48 2.31 0.00 | 42.10 1.72 0.00 | 35.60 1.56 0.00 | 26.82 1.14 -0.04 | 25.78 0.97 -0.25 | 22.65 0.87 0.00 | 21.15 0.82 0.00 | 20.65 0.85 0.00 | 20.00 0.90 0.00 | 20.71 1.02 0.00 | 25.82 1.16 0.00 | 41.14 1.60 0.00 | 35.86 1.63 0.00 | 35.67 1.71 0.00 | 35.33 1.59 0.00 | 33.79 1.34 0.00 | 26.23 1.03 0.00 |
| JANIS__SOLAR 323808 | 31.13 1.58 0.00 | 36.11 1.53 0.00 | 35.15 1.74 0.00 | 30.74 1.47 0.00 | 34.32 1.75 0.00 | 30.10 1.64 0.00 | 34.92 1.89 0.00 | 49.13 2.69 -0.28 | 42.74 2.37 0.00 | 36.12 2.08 0.00 | 27.13 1.49 0.00 | 25.84 1.28 0.00 | 22.77 0.98 0.00 | 21.04 0.71 0.00 | 20.40 0.60 0.00 | 19.58 0.49 0.00 | 20.27 0.59 0.00 | 25.56 0.91 0.00 | 41.63 2.08 0.00 | 36.45 2.22 0.00 | 36.14 2.18 0.00 | 35.64 1.90 0.00 | 34.17 1.73 0.00 | 26.51 1.31 0.00 |
| JARVIS____ 23743 | 29.59 0.03 0.00 | 34.58 0.01 0.00 | 33.42 0.00 0.00 | 29.27 0.00 0.00 | 32.57 0.00 0.00 | 28.48 0.03 0.00 | 33.11 0.08 0.00 | 46.30 0.14 0.00 | 40.50 0.12 0.00 | 34.12 0.08 0.00 | 25.69 0.05 0.00 | 24.58 0.02 0.00 | 21.81 0.02 0.00 | 20.36 0.03 0.00 | 19.81 0.00 0.00 | 19.11 0.01 0.00 | 19.73 0.04 0.00 | 24.74 0.08 0.00 | 39.71 0.16 0.00 | 34.44 0.22 0.00 | 34.20 0.23 0.00 | 33.93 0.19 0.00 | 32.56 0.12 0.00 | 25.27 0.07 0.00 |
| JENNISON____1 23625 | 30.97 1.42 0.00 | 35.54 0.97 0.00 | 34.94 1.53 0.00 | 30.58 1.31 0.00 | 34.07 1.50 0.00 | 29.99 1.53 0.00 | 34.66 1.64 0.00 | 48.55 2.39 0.00 | 42.57 2.20 0.00 | 35.95 1.91 0.00 | 27.03 1.39 0.00 | 25.87 1.31 0.00 | 22.87 1.09 0.00 | 21.22 0.89 0.00 | 20.61 0.81 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.86 1.20 0.00 | 41.86 2.31 0.00 | 36.48 2.25 0.00 | 36.08 2.11 0.00 | 35.60 1.86 0.00 | 34.04 1.60 0.00 | 26.41 1.21 0.00 |
| JENNISON____2 23626 | 30.97 1.42 0.00 | 35.54 0.97 0.00 | 34.94 1.53 0.00 | 30.58 1.31 0.00 | 34.07 1.50 0.00 | 29.99 1.53 0.00 | 34.66 1.64 0.00 | 48.55 2.39 0.00 | 42.57 2.20 0.00 | 35.95 1.91 0.00 | 27.03 1.39 0.00 | 25.87 1.31 0.00 | 22.87 1.09 0.00 | 21.22 0.89 0.00 | 20.61 0.81 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.86 1.20 0.00 | 41.86 2.31 0.00 | 36.48 2.25 0.00 | 36.08 2.11 0.00 | 35.60 1.86 0.00 | 34.04 1.60 0.00 | 26.41 1.21 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 30.62 1.06 0.00 | 35.93 1.35 0.00 | 34.53 1.12 0.00 | 30.16 0.88 0.00 | 33.45 0.88 0.00 | 28.83 0.38 0.00 | 33.20 0.17 0.00 | 46.32 0.16 0.00 | 40.83 0.46 0.00 | 34.43 0.39 0.00 | 26.08 0.44 0.00 | 25.01 0.45 0.00 | 22.09 0.31 0.00 | 20.61 0.29 0.00 | 20.11 0.31 0.00 | 19.34 0.24 0.00 | 19.85 0.16 0.00 | 25.03 0.38 0.00 | 40.37 0.82 0.00 | 34.45 0.23 0.00 | 34.26 0.29 0.00 | 34.31 0.57 0.00 | 33.38 0.93 0.00 | 25.98 0.78 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 31.34 1.10 -0.69 | 35.98 1.00 -0.41 | 35.14 0.93 -0.80 | 30.49 1.00 -0.21 | 34.26 1.07 -0.62 | 29.49 1.04 0.00 | 34.43 1.41 0.00 | 48.25 2.08 0.00 | 41.99 1.61 0.00 | 35.38 1.34 0.00 | 26.62 0.94 -0.04 | 25.63 0.81 -0.25 | 22.49 0.70 0.00 | 21.01 0.69 0.00 | 20.44 0.64 0.00 | 19.82 0.73 0.00 | 20.55 0.86 0.00 | 25.77 1.11 0.00 | 41.17 1.62 0.00 | 35.89 1.66 0.00 | 35.70 1.73 0.00 | 35.31 1.57 0.00 | 33.74 1.30 0.00 | 26.18 0.98 0.00 |
| KCE_NY_1 323755 | 29.80 0.88 0.64 | 35.22 1.02 0.38 | 33.61 0.94 0.75 | 29.92 0.85 0.20 | 32.90 0.90 0.57 | 29.34 0.88 0.00 | 34.11 1.08 0.00 | 47.76 1.60 0.00 | 41.87 1.50 0.00 | 35.31 1.27 0.00 | 26.53 0.93 0.04 | 25.14 0.82 0.24 | 22.47 0.68 0.00 | 20.93 0.60 0.00 | 20.32 0.52 0.00 | 19.60 0.50 0.00 | 20.29 0.61 0.00 | 25.59 0.93 0.00 | 41.23 1.68 0.00 | 35.89 1.66 0.00 | 35.62 1.65 0.00 | 35.23 1.49 0.00 | 33.63 1.19 0.00 | 26.02 0.82 0.00 |
| KCE_NY_6_ESR 323823 | 29.43 -0.12 0.00 | 34.38 -0.19 0.00 | 33.49 0.08 0.00 | 29.23 -0.03 0.00 | 32.79 0.22 0.00 | 28.66 0.21 0.00 | 32.87 -0.16 0.00 | 43.29 -0.99 1.89 | 39.55 -0.82 0.00 | 33.49 -0.55 0.00 | 25.43 -0.21 0.00 | 24.38 -0.18 0.00 | 21.49 -0.30 0.00 | 19.94 -0.39 0.00 | 19.47 -0.33 0.00 | 18.75 -0.34 0.00 | 19.27 -0.41 0.00 | 23.94 -0.72 0.00 | 38.14 -1.41 0.00 | 33.17 -1.06 0.00 | 32.55 -1.41 0.00 | 31.93 -1.81 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 31.88 1.65 -0.68 | 36.37 1.39 -0.40 | 35.50 1.30 -0.79 | 30.90 1.42 -0.21 | 34.70 1.52 -0.61 | 29.70 1.24 0.00 | 34.68 1.65 0.00 | 48.48 2.32 0.00 | 42.30 1.92 0.00 | 35.57 1.53 0.00 | 26.83 1.14 -0.04 | 25.81 0.99 -0.25 | 22.61 0.83 0.00 | 21.16 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.76 1.08 0.00 | 26.60 1.53 -0.41 | 41.51 1.96 0.00 | 35.90 1.68 0.00 | 35.69 1.73 0.00 | 35.29 1.55 0.00 | 33.56 1.12 0.00 | 26.08 0.88 0.00 |
| KEDC PORT_JEFF_GT3 24211 | 31.88 1.65 -0.68 | 36.37 1.39 -0.40 | 35.50 1.30 -0.79 | 30.90 1.42 -0.21 | 34.70 1.52 -0.61 | 29.70 1.24 0.00 | 34.68 1.65 0.00 | 48.48 2.32 0.00 | 42.30 1.92 0.00 | 35.57 1.53 0.00 | 26.83 1.14 -0.04 | 25.81 0.99 -0.25 | 22.61 0.83 0.00 | 21.16 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.76 1.08 0.00 | 26.60 1.53 -0.41 | 41.51 1.96 0.00 | 35.90 1.68 0.00 | 35.69 1.73 0.00 | 35.29 1.55 0.00 | 33.56 1.12 0.00 | 26.08 0.88 0.00 |
| KEDC_GLWD_GT4 24219 | 31.88 1.65 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.91 1.43 -0.21 | 34.73 1.55 -0.61 | 29.85 1.39 0.00 | 34.88 1.85 0.00 | 48.78 2.62 0.00 | 42.36 1.98 0.00 | 35.65 1.61 0.00 | 26.90 1.22 -0.04 | 25.91 1.10 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.67 0.87 0.00 | 20.01 0.91 0.00 | 20.80 1.12 0.00 | 26.56 1.50 -0.41 | 41.61 2.06 0.00 | 36.11 1.88 0.00 | 35.91 1.94 0.00 | 35.49 1.75 0.00 | 33.87 1.43 0.00 | 26.34 1.14 0.00 |
| KEDC_GLWD_GT5 24220 | 31.88 1.65 -0.68 | 36.43 1.45 -0.40 | 35.56 1.36 -0.79 | 30.91 1.43 -0.21 | 34.73 1.55 -0.61 | 29.85 1.39 0.00 | 34.88 1.85 0.00 | 48.78 2.62 0.00 | 42.36 1.98 0.00 | 35.65 1.61 0.00 | 26.90 1.22 -0.04 | 25.91 1.10 -0.25 | 22.72 0.94 0.00 | 21.25 0.92 0.00 | 20.67 0.87 0.00 | 20.01 0.91 0.00 | 20.80 1.12 0.00 | 26.56 1.50 -0.41 | 41.61 2.06 0.00 | 36.11 1.88 0.00 | 35.91 1.94 0.00 | 35.49 1.75 0.00 | 33.87 1.43 0.00 | 26.34 1.14 0.00 |
| KENSICO____ 23655 | 31.26 1.03 -0.68 | 35.80 0.83 -0.40 | 34.95 0.75 -0.79 | 30.37 0.88 -0.21 | 34.11 0.93 -0.61 | 29.34 0.88 0.00 | 34.26 1.24 0.00 | 48.01 1.85 0.00 | 41.73 1.35 0.00 | 35.18 1.15 0.00 | 26.49 0.80 -0.04 | 25.49 0.68 -0.25 | 22.37 0.59 0.00 | 20.93 0.60 0.00 | 20.36 0.56 0.00 | 19.67 0.59 0.00 | 20.42 0.73 0.00 | 25.59 0.93 0.00 | 40.80 1.26 0.00 | 35.55 1.32 0.00 | 35.35 1.39 0.00 | 35.00 1.26 0.00 | 33.48 1.04 0.00 | 26.01 0.81 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 31.30 1.35 -0.39 | 36.08 1.27 -0.23 | 35.05 1.18 -0.46 | 30.59 1.20 -0.12 | 34.24 1.31 -0.35 | 29.68 1.22 0.00 | 34.68 1.65 0.00 | 48.60 2.43 0.00 | 42.17 1.79 0.00 | 35.33 1.29 0.00 | 26.43 0.76 -0.02 | 25.30 0.59 -0.15 | 22.29 0.51 0.00 | 20.80 0.48 0.00 | 20.25 0.45 0.00 | 19.56 0.47 0.00 | 20.37 0.68 0.00 | 25.63 0.97 0.00 | 41.14 1.60 0.00 | 35.98 1.76 0.00 | 35.81 1.84 0.00 | 35.42 1.68 0.00 | 33.88 1.44 0.00 | 26.30 1.10 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 31.42 1.18 -0.68 | 35.95 0.96 -0.40 | 35.04 0.84 -0.79 | 30.63 1.14 -0.21 | 34.40 1.22 -0.61 | 29.62 1.16 0.00 | 34.57 1.54 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.48 1.44 0.00 | 26.73 1.05 -0.04 | 25.70 0.89 -0.25 | 22.58 0.80 0.00 | 21.09 0.76 0.00 | 20.59 0.79 0.00 | 19.93 0.84 0.00 | 20.64 0.96 0.00 | 25.74 1.09 0.00 | 40.99 1.45 0.00 | 35.72 1.50 0.00 | 35.54 1.57 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.14 0.94 0.00 |
| KIAC_JFK_GT2 23817 | 31.42 1.18 -0.68 | 35.95 0.96 -0.40 | 35.04 0.84 -0.79 | 30.63 1.14 -0.21 | 34.40 1.22 -0.61 | 29.62 1.16 0.00 | 34.57 1.54 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.48 1.44 0.00 | 26.73 1.05 -0.04 | 25.70 0.89 -0.25 | 22.58 0.80 0.00 | 21.09 0.76 0.00 | 20.59 0.79 0.00 | 19.93 0.84 0.00 | 20.64 0.96 0.00 | 25.74 1.09 0.00 | 40.99 1.45 0.00 | 35.72 1.50 0.00 | 35.54 1.57 0.00 | 35.20 1.46 0.00 | 33.67 1.22 0.00 | 26.14 0.94 0.00 |
| KIAC_JFK____ 323774 | 31.42 1.18 -0.68 | 35.94 0.96 -0.40 | 35.04 0.83 -0.79 | 30.62 1.13 -0.21 | 34.40 1.22 -0.61 | 29.62 1.16 0.00 | 34.57 1.54 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.48 1.44 0.00 | 26.73 1.05 -0.04 | 25.71 0.89 -0.25 | 22.58 0.80 0.00 | 21.09 0.76 0.00 | 20.59 0.79 0.00 | 19.93 0.83 0.00 | 20.64 0.95 0.00 | 25.74 1.09 0.00 | 40.99 1.45 0.00 | 35.72 1.49 0.00 | 35.54 1.57 0.00 | 35.20 1.46 0.00 | 33.66 1.22 0.00 | 26.14 0.94 0.00 |
| KINTIGH____ 23543 | 28.76 -0.79 0.00 | 33.61 -0.96 0.00 | 32.66 -0.76 0.00 | 28.53 -0.74 0.00 | 31.99 -0.58 0.00 | 27.96 -0.50 0.00 | 32.11 -0.92 0.00 | 44.24 -1.92 0.00 | 38.71 -1.67 0.00 | 32.77 -1.28 0.00 | 24.86 -0.78 0.00 | 23.83 -0.73 0.00 | 21.01 -0.77 0.00 | 19.53 -0.80 0.00 | 19.06 -0.74 0.00 | 18.36 -0.73 0.00 | 18.87 -0.82 0.00 | 23.47 -1.19 0.00 | 37.42 -2.13 0.00 | 32.50 -1.72 0.00 | 31.97 -2.00 0.00 | 31.43 -2.30 0.00 | 30.57 -1.87 0.00 | 24.10 -1.11 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 31.20 1.64 0.00 | 36.60 2.02 0.00 | 35.17 1.76 0.00 | 30.71 1.44 0.00 | 34.03 1.45 0.00 | 29.26 0.81 0.00 | 33.65 0.62 0.00 | 46.93 0.77 0.00 | 41.41 1.03 0.00 | 34.89 0.85 0.00 | 26.44 0.80 0.00 | 25.34 0.78 0.00 | 22.36 0.57 0.00 | 20.87 0.55 0.00 | 20.32 0.52 0.00 | 19.53 0.44 0.00 | 20.07 0.38 0.00 | 25.38 0.72 0.00 | 40.98 1.44 0.00 | 34.90 0.67 0.00 | 34.72 0.76 0.00 | 34.80 1.06 0.00 | 33.95 1.51 0.00 | 26.44 1.24 0.00 |
| LACHUTE____HYDRO 323717 | 30.79 1.85 0.62 | 36.51 2.30 0.37 | 34.84 2.14 0.72 | 31.11 2.03 0.19 | 34.20 2.18 0.56 | 30.65 2.19 0.00 | 35.50 2.47 0.00 | 49.77 3.61 0.00 | 44.19 3.81 0.00 | 37.35 3.31 0.00 | 28.03 2.43 0.04 | 26.36 2.03 0.23 | 23.20 1.42 0.00 | 21.51 1.19 0.00 | 20.82 1.02 0.00 | 20.08 0.99 0.00 | 20.90 1.21 0.00 | 26.73 2.07 0.00 | 43.34 3.80 0.00 | 38.08 3.86 0.00 | 37.64 3.68 0.00 | 36.99 3.25 0.00 | 34.86 2.42 0.00 | 26.75 1.55 0.00 |
| LAWRNCV_115KV_TB1 80681 | 29.37 -0.18 0.00 | 34.53 -0.05 0.00 | 33.30 -0.12 0.00 | 29.08 -0.19 0.00 | 32.31 -0.26 0.00 | 28.10 -0.35 0.00 | 32.47 -0.56 0.00 | 45.40 -0.76 0.00 | 39.85 -0.52 0.00 | 33.55 -0.48 0.00 | 25.31 -0.34 0.00 | 24.27 -0.29 0.00 | 21.46 -0.32 0.00 | 19.98 -0.34 0.00 | 19.52 -0.29 0.00 | 18.77 -0.32 0.00 | 19.24 -0.44 0.00 | 24.17 -0.49 0.00 | 38.97 -0.57 0.00 | 33.62 -0.60 0.00 | 33.37 -0.60 0.00 | 33.26 -0.48 0.00 | 32.14 -0.30 0.00 | 24.93 -0.27 0.00 |
| LEDERLE____ 23769 | 31.30 1.11 -0.63 | 35.88 0.93 -0.38 | 35.01 0.86 -0.74 | 30.40 0.93 -0.20 | 34.15 1.01 -0.57 | 29.41 0.96 0.00 | 34.37 1.34 0.00 | 48.16 2.00 0.00 | 41.86 1.48 0.00 | 35.27 1.22 0.00 | 26.51 0.83 -0.04 | 25.50 0.71 -0.24 | 22.39 0.61 0.00 | 20.94 0.61 0.00 | 20.36 0.57 0.00 | 19.67 0.58 0.00 | 20.42 0.74 0.00 | 25.61 0.95 0.00 | 40.84 1.29 0.00 | 35.61 1.38 0.00 | 35.42 1.45 0.00 | 35.05 1.31 0.00 | 33.54 1.10 0.00 | 26.07 0.87 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 29.31 -0.24 0.00 | 34.23 -0.35 0.00 | 33.06 -0.36 0.00 | 28.89 -0.38 0.00 | 32.09 -0.48 0.00 | 28.09 -0.37 0.00 | 32.57 -0.46 0.00 | 45.58 -0.58 0.00 | 39.88 -0.50 0.00 | 33.65 -0.39 0.00 | 25.42 -0.23 0.00 | 24.29 -0.27 0.00 | 21.51 -0.27 0.00 | 20.03 -0.30 0.00 | 19.45 -0.36 0.00 | 18.73 -0.36 0.00 | 19.29 -0.40 0.00 | 24.15 -0.51 0.00 | 38.89 -0.65 0.00 | 33.99 -0.24 0.00 | 33.71 -0.26 0.00 | 33.39 -0.35 0.00 | 32.11 -0.34 0.00 | 24.90 -0.30 0.00 |
| LINDEN COGEN____ 23786 | 31.16 0.93 -0.68 | 35.61 0.63 -0.40 | 34.78 0.57 -0.79 | 30.34 0.86 -0.21 | 34.09 0.91 -0.61 | 29.29 0.83 0.00 | 34.22 1.19 0.00 | 47.93 1.76 0.00 | 41.67 1.29 0.00 | 35.18 1.14 0.00 | 26.49 0.81 -0.04 | 25.48 0.67 -0.25 | 22.35 0.56 0.00 | 20.91 0.58 0.00 | 20.36 0.56 0.00 | 19.68 0.59 0.00 | 20.42 0.73 0.00 | 25.53 0.88 0.00 | 40.61 1.06 0.00 | 35.39 1.16 0.00 | 35.21 1.25 0.00 | 34.87 1.13 0.00 | 33.36 0.92 0.00 | 25.95 0.75 0.00 |
| LINDHRST_69_KV_BK1 356055 | 32.04 1.81 -0.68 | 36.56 1.59 -0.40 | 35.67 1.47 -0.79 | 31.03 1.55 -0.21 | 34.85 1.67 -0.61 | 29.91 1.46 0.00 | 34.95 1.92 0.00 | 48.88 2.72 0.00 | 42.48 2.11 0.00 | 35.71 1.67 0.00 | 26.91 1.23 -0.04 | 25.92 1.10 -0.25 | 22.71 0.93 0.00 | 21.25 0.92 0.00 | 20.66 0.85 0.00 | 20.01 0.91 0.00 | 20.83 1.15 0.00 | 26.66 1.59 -0.41 | 41.72 2.18 0.00 | 36.21 1.98 0.00 | 35.98 2.02 0.00 | 35.55 1.81 0.00 | 33.88 1.44 0.00 | 26.34 1.14 0.00 |
| LIPA_MISC_IPP 23656 | 31.77 1.54 -0.68 | 36.26 1.28 -0.40 | 35.39 1.19 -0.79 | 30.80 1.32 -0.21 | 34.58 1.40 -0.61 | 29.54 1.08 0.00 | 34.47 1.44 0.00 | 48.19 2.03 0.00 | 42.18 1.80 0.00 | 35.48 1.44 0.00 | 26.77 1.09 -0.04 | 25.75 0.94 -0.25 | 22.56 0.78 0.00 | 21.12 0.79 0.00 | 20.53 0.73 0.00 | 19.87 0.78 0.00 | 20.73 1.04 0.00 | 26.53 1.46 -0.41 | 41.29 1.74 0.00 | 35.66 1.44 0.00 | 35.45 1.48 0.00 | 35.08 1.34 0.00 | 33.31 0.87 0.00 | 25.89 0.69 0.00 |
| LISF__SOLAR 323691 | 31.83 1.60 -0.68 | 36.30 1.32 -0.40 | 35.43 1.23 -0.79 | 30.84 1.36 -0.21 | 34.64 1.46 -0.61 | 29.58 1.13 0.00 | 34.51 1.48 0.00 | 48.26 2.10 0.00 | 42.25 1.87 0.00 | 35.51 1.47 0.00 | 26.78 1.09 -0.04 | 25.75 0.94 -0.25 | 22.56 0.78 0.00 | 21.12 0.79 0.00 | 20.53 0.73 0.00 | 19.88 0.79 0.00 | 20.73 1.05 0.00 | 26.56 1.49 -0.41 | 41.35 1.80 0.00 | 35.71 1.49 0.00 | 35.51 1.54 0.00 | 35.14 1.40 0.00 | 33.36 0.92 0.00 | 25.93 0.73 0.00 |
| LITTLE FALLS____HYD 24013 | 29.26 -0.29 0.00 | 34.08 -0.49 0.00 | 32.87 -0.55 0.00 | 28.86 -0.41 0.00 | 32.21 -0.36 0.00 | 28.28 -0.18 0.00 | 32.99 -0.04 0.00 | 46.38 0.22 0.00 | 40.59 0.22 0.00 | 34.17 0.13 0.00 | 25.67 0.03 0.00 | 24.45 -0.11 0.00 | 21.60 -0.18 0.00 | 20.11 -0.22 0.00 | 19.45 -0.36 0.00 | 18.74 -0.35 0.00 | 19.48 -0.21 0.00 | 24.62 -0.03 0.00 | 39.67 0.13 0.00 | 34.80 0.58 0.00 | 34.62 0.65 0.00 | 34.26 0.52 0.00 | 32.66 0.22 0.00 | 25.19 -0.02 0.00 |
| LITTLRIV_115KV_TB1 356100 | 29.78 0.22 0.00 | 35.01 0.43 0.00 | 33.76 0.35 0.00 | 29.48 0.21 0.00 | 32.78 0.21 0.00 | 28.51 0.06 0.00 | 32.95 -0.08 0.00 | 46.07 -0.10 0.00 | 40.37 -0.01 0.00 | 33.91 -0.13 0.00 | 25.54 -0.11 0.00 | 24.47 -0.09 0.00 | 21.62 -0.17 0.00 | 20.11 -0.22 0.00 | 19.64 -0.16 0.00 | 18.89 -0.21 0.00 | 19.36 -0.32 0.00 | 24.34 -0.31 0.00 | 39.39 -0.16 0.00 | 34.13 -0.10 0.00 | 33.87 -0.09 0.00 | 33.74 0.00 0.00 | 32.59 0.15 0.00 | 25.26 0.06 0.00 |

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|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LI_NEWBRDGE___DRP 323616 | 31.57 1.34 -0.68 | 36.08 1.10 -0.40 | 35.20 1.00 -0.79 | 30.62 1.14 -0.21 | 34.39 1.21 -0.61 | 29.54 1.08 0.00 | 34.50 1.48 0.00 | 48.26 2.09 0.00 | 41.92 1.55 0.00 | 35.30 1.26 0.00 | 26.62 0.93 -0.04 | 25.64 0.83 -0.25 | 22.48 0.70 0.00 | 21.03 0.71 0.00 | 20.46 0.66 0.00 | 19.80 0.71 0.00 | 20.59 0.90 0.00 | 26.30 1.23 -0.41 | 41.16 1.61 0.00 | 35.69 1.47 0.00 | 35.49 1.53 0.00 | 35.09 1.35 0.00 | 33.50 1.05 0.00 | 26.04 0.84 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 28.89 -0.67 0.00 | 33.76 -0.82 0.00 | 32.86 -0.55 0.00 | 28.68 -0.59 0.00 | 32.21 -0.36 0.00 | 28.18 -0.27 0.00 | 32.23 -0.80 0.00 | 44.20 -1.97 0.00 | 38.65 -1.73 0.00 | 32.71 -1.33 0.00 | 24.84 -0.81 0.00 | 23.80 -0.76 0.00 | 20.95 -0.83 0.00 | 19.45 -0.88 0.00 | 19.00 -0.81 0.00 | 18.30 -0.79 0.00 | 18.77 -0.92 0.00 | 23.36 -1.30 0.00 | 37.24 -2.31 0.00 | 32.43 -1.79 0.00 | 31.85 -2.12 0.00 | 31.25 -2.49 0.00 | 30.47 -1.98 0.00 | 24.12 -1.08 0.00 |
| LOCKPORT___CC1 323769 | 28.87 -0.69 0.00 | 33.74 -0.83 0.00 | 32.87 -0.55 0.00 | 28.69 -0.58 0.00 | 32.19 -0.38 0.00 | 28.17 -0.29 0.00 | 32.22 -0.81 0.00 | 42.65 -1.99 1.53 | 38.64 -1.73 0.00 | 32.71 -1.33 0.00 | 24.83 -0.81 0.00 | 23.79 -0.77 0.00 | 20.96 -0.82 0.00 | 19.45 -0.87 0.00 | 19.01 -0.79 0.00 | 18.31 -0.78 0.00 | 18.81 -0.88 0.00 | 23.36 -1.29 0.00 | 37.23 -2.32 0.00 | 32.41 -1.81 0.00 | 31.82 -2.14 0.00 | 31.22 -2.52 0.00 | 30.43 -2.01 0.00 | 24.11 -1.09 0.00 |
| LOCKPORT___CC2 323770 | 28.87 -0.69 0.00 | 33.74 -0.83 0.00 | 32.87 -0.55 0.00 | 28.69 -0.58 0.00 | 32.19 -0.38 0.00 | 28.17 -0.29 0.00 | 32.22 -0.81 0.00 | 42.65 -1.99 1.53 | 38.64 -1.73 0.00 | 32.71 -1.33 0.00 | 24.83 -0.81 0.00 | 23.79 -0.77 0.00 | 20.96 -0.82 0.00 | 19.45 -0.87 0.00 | 19.01 -0.79 0.00 | 18.31 -0.78 0.00 | 18.81 -0.88 0.00 | 23.36 -1.29 0.00 | 37.23 -2.32 0.00 | 32.41 -1.81 0.00 | 31.82 -2.14 0.00 | 31.22 -2.52 0.00 | 30.43 -2.01 0.00 | 24.11 -1.09 0.00 |
| LOCKPORT___CC3 323771 | 28.87 -0.69 0.00 | 33.74 -0.83 0.00 | 32.87 -0.55 0.00 | 28.69 -0.58 0.00 | 32.19 -0.38 0.00 | 28.17 -0.29 0.00 | 32.22 -0.81 0.00 | 42.65 -1.99 1.53 | 38.64 -1.73 0.00 | 32.71 -1.33 0.00 | 24.83 -0.81 0.00 | 23.79 -0.77 0.00 | 20.96 -0.82 0.00 | 19.45 -0.87 0.00 | 19.01 -0.79 0.00 | 18.31 -0.78 0.00 | 18.81 -0.88 0.00 | 23.36 -1.29 0.00 | 37.23 -2.32 0.00 | 32.41 -1.81 0.00 | 31.82 -2.14 0.00 | 31.22 -2.52 0.00 | 30.43 -2.01 0.00 | 24.11 -1.09 0.00 |
| LONG_LAKE_PHOENIX 24014 | 29.12 -0.43 0.00 | 34.01 -0.57 0.00 | 32.92 -0.50 0.00 | 28.81 -0.45 0.00 | 32.12 -0.45 0.00 | 28.10 -0.35 0.00 | 32.62 -0.42 0.00 | 45.52 -0.64 0.00 | 39.78 -0.60 0.00 | 33.53 -0.51 0.00 | 25.26 -0.38 0.00 | 24.19 -0.37 0.00 | 21.46 -0.32 0.00 | 20.01 -0.32 0.00 | 19.47 -0.34 0.00 | 18.78 -0.32 0.00 | 19.37 -0.32 0.00 | 24.19 -0.47 0.00 | 38.84 -0.71 0.00 | 33.80 -0.43 0.00 | 33.50 -0.47 0.00 | 33.13 -0.61 0.00 | 31.85 -0.59 0.00 | 24.77 -0.43 0.00 |
| LOVETT___3 23632 | 31.13 0.94 -0.64 | 35.69 0.74 -0.38 | 34.83 0.67 -0.74 | 30.25 0.78 -0.20 | 33.97 0.83 -0.57 | 29.26 0.80 0.00 | 34.19 1.16 0.00 | 47.91 1.74 0.00 | 41.63 1.26 0.00 | 35.07 1.03 0.00 | 26.37 0.69 -0.04 | 25.37 0.57 -0.24 | 22.28 0.50 0.00 | 20.83 0.51 0.00 | 20.26 0.46 0.00 | 19.57 0.48 0.00 | 20.32 0.63 0.00 | 25.46 0.81 0.00 | 40.61 1.06 0.00 | 35.40 1.17 0.00 | 35.22 1.25 0.00 | 34.85 1.11 0.00 | 33.35 0.91 0.00 | 25.93 0.73 0.00 |
| LOVETT___4 23642 | 31.13 0.94 -0.64 | 35.69 0.74 -0.38 | 34.83 0.67 -0.74 | 30.25 0.78 -0.20 | 33.97 0.83 -0.57 | 29.26 0.80 0.00 | 34.19 1.16 0.00 | 47.91 1.74 0.00 | 41.63 1.26 0.00 | 35.07 1.03 0.00 | 26.37 0.69 -0.04 | 25.37 0.57 -0.24 | 22.28 0.50 0.00 | 20.83 0.51 0.00 | 20.26 0.46 0.00 | 19.57 0.48 0.00 | 20.32 0.63 0.00 | 25.46 0.81 0.00 | 40.61 1.06 0.00 | 35.40 1.17 0.00 | 35.22 1.25 0.00 | 34.85 1.11 0.00 | 33.35 0.91 0.00 | 25.93 0.73 0.00 |
| LOVETT___5 23593 | 31.13 0.94 -0.64 | 35.69 0.74 -0.38 | 34.83 0.67 -0.74 | 30.25 0.78 -0.20 | 33.97 0.83 -0.57 | 29.26 0.80 0.00 | 34.19 1.16 0.00 | 47.91 1.74 0.00 | 41.63 1.26 0.00 | 35.07 1.03 0.00 | 26.37 0.69 -0.04 | 25.37 0.57 -0.24 | 22.28 0.50 0.00 | 20.83 0.51 0.00 | 20.26 0.46 0.00 | 19.57 0.48 0.00 | 20.32 0.63 0.00 | 25.46 0.81 0.00 | 40.61 1.06 0.00 | 35.40 1.17 0.00 | 35.22 1.25 0.00 | 34.85 1.11 0.00 | 33.35 0.91 0.00 | 25.93 0.73 0.00 |
| LOWER RAQUET___HYD 24057 | 29.25 -0.30 0.00 | 34.39 -0.19 0.00 | 33.15 -0.26 0.00 | 28.94 -0.33 0.00 | 32.15 -0.42 0.00 | 27.95 -0.50 0.00 | 32.31 -0.72 0.00 | 45.19 -0.97 0.00 | 39.67 -0.71 0.00 | 33.40 -0.64 0.00 | 25.19 -0.45 0.00 | 24.15 -0.42 0.00 | 21.34 -0.44 0.00 | 19.86 -0.46 0.00 | 19.40 -0.41 0.00 | 18.65 -0.44 0.00 | 19.12 -0.57 0.00 | 24.03 -0.62 0.00 | 38.80 -0.75 0.00 | 33.49 -0.73 0.00 | 33.24 -0.72 0.00 | 33.14 -0.60 0.00 | 32.02 -0.43 0.00 | 24.83 -0.37 0.00 |
| LOWER___HUDSON 24059 | 29.02 0.28 0.82 | 34.44 0.35 0.49 | 32.73 0.27 0.96 | 29.32 0.31 0.25 | 32.12 0.29 0.73 | 28.81 0.36 0.00 | 33.49 0.46 0.00 | 46.89 0.73 0.00 | 41.07 0.69 0.00 | 34.59 0.55 0.00 | 25.98 0.38 0.05 | 24.58 0.32 0.30 | 22.09 0.30 0.00 | 20.63 0.30 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.00 0.31 0.00 | 25.18 0.52 0.00 | 40.52 0.97 0.00 | 35.26 1.03 0.00 | 35.02 1.05 0.00 | 34.67 0.93 0.00 | 33.13 0.68 0.00 | 25.65 0.44 0.00 |
| LOWVILLE_115KV_TB2 356335 | 30.24 0.69 0.00 | 35.33 0.75 0.00 | 33.89 0.48 0.00 | 29.41 0.14 0.00 | 32.48 -0.09 0.00 | 28.49 0.03 0.00 | 33.19 0.16 0.00 | 46.69 0.53 0.00 | 41.12 0.74 0.00 | 34.66 0.62 0.00 | 26.18 0.54 0.00 | 25.00 0.44 0.00 | 22.05 0.27 0.00 | 20.45 0.13 0.00 | 19.82 0.01 0.00 | 19.04 -0.06 0.00 | 19.62 -0.07 0.00 | 24.76 0.10 0.00 | 40.33 0.79 0.00 | 35.43 1.20 0.00 | 35.18 1.22 0.00 | 34.80 1.06 0.00 | 33.36 0.91 0.00 | 25.73 0.53 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 29.78 0.86 0.64 | 35.19 1.00 0.38 | 33.58 0.91 0.75 | 29.90 0.83 0.20 | 32.87 0.88 0.57 | 29.32 0.86 0.00 | 34.08 1.05 0.00 | 47.72 1.56 0.00 | 41.84 1.46 0.00 | 35.29 1.25 0.00 | 26.51 0.90 0.04 | 25.12 0.80 0.24 | 22.45 0.66 0.00 | 20.92 0.59 0.00 | 20.31 0.51 0.00 | 19.58 0.49 0.00 | 20.28 0.60 0.00 | 25.58 0.92 0.00 | 41.19 1.64 0.00 | 35.86 1.63 0.00 | 35.58 1.62 0.00 | 35.19 1.46 0.00 | 33.61 1.16 0.00 | 26.01 0.80 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 29.79 0.88 0.64 | 35.21 1.02 0.38 | 33.61 0.94 0.75 | 29.93 0.86 0.20 | 32.90 0.90 0.57 | 29.34 0.88 0.00 | 34.11 1.08 0.00 | 47.76 1.60 0.00 | 41.88 1.50 0.00 | 35.31 1.27 0.00 | 26.53 0.92 0.04 | 25.14 0.82 0.24 | 22.47 0.68 0.00 | 20.93 0.60 0.00 | 20.32 0.53 0.00 | 19.60 0.50 0.00 | 20.30 0.61 0.00 | 25.59 0.93 0.00 | 41.23 1.68 0.00 | 35.89 1.67 0.00 | 35.62 1.65 0.00 | 35.23 1.49 0.00 | 33.63 1.18 0.00 | 26.02 0.82 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 29.42 -0.13 0.00 | 34.48 -0.10 0.00 | 33.16 -0.26 0.00 | 28.85 -0.42 0.00 | 31.96 -0.61 0.00 | 27.92 -0.54 0.00 | 32.39 -0.63 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.57 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LYONS_FALL_HYD 23570 | 30.27 0.72 0.00 | 35.35 0.77 0.00 | 33.99 0.58 0.00 | 29.61 0.34 0.00 | 32.80 0.23 0.00 | 28.75 0.30 0.00 | 33.48 0.45 0.00 | 46.99 0.83 0.00 | 41.28 0.90 0.00 | 34.76 0.72 0.00 | 26.23 0.59 0.00 | 25.05 0.49 0.00 | 22.13 0.34 0.00 | 20.56 0.23 0.00 | 19.95 0.14 0.00 | 19.19 0.09 0.00 | 19.80 0.11 0.00 | 24.94 0.28 0.00 | 40.46 0.91 0.00 | 35.41 1.19 0.00 | 35.15 1.18 0.00 | 34.78 1.04 0.00 | 33.34 0.90 0.00 | 25.78 0.58 0.00 |
| MADISON___COUNTY_LFGE 323628 | 30.39 0.84 0.00 | 35.46 0.88 0.00 | 34.27 0.85 0.00 | 29.98 0.71 0.00 | 33.39 0.81 0.00 | 29.22 0.77 0.00 | 33.99 0.96 0.00 | 47.56 1.40 0.00 | 41.59 1.21 0.00 | 34.93 0.89 0.00 | 26.30 0.66 0.00 | 25.14 0.58 0.00 | 22.26 0.47 0.00 | 20.70 0.38 0.00 | 20.13 0.33 0.00 | 19.39 0.30 0.00 | 20.03 0.34 0.00 | 25.15 0.49 0.00 | 40.60 1.06 0.00 | 35.46 1.23 0.00 | 35.19 1.22 0.00 | 34.81 1.07 0.00 | 33.39 0.95 0.00 | 25.90 0.70 0.00 |
| MALONE___115KV_TB1 356076 | 30.78 1.22 0.00 | 36.14 1.56 0.00 | 34.77 1.35 0.00 | 30.35 1.08 0.00 | 33.71 1.14 0.00 | 29.13 0.67 0.00 | 33.58 0.55 0.00 | 46.89 0.73 0.00 | 41.32 0.94 0.00 | 34.82 0.78 0.00 | 26.33 0.68 0.00 | 25.21 0.65 0.00 | 22.26 0.47 0.00 | 20.74 0.41 0.00 | 20.22 0.42 0.00 | 19.43 0.33 0.00 | 19.93 0.24 0.00 | 25.11 0.46 0.00 | 40.58 1.03 0.00 | 34.80 0.57 0.00 | 34.59 0.63 0.00 | 34.57 0.83 0.00 | 33.57 1.12 0.00 | 26.08 0.88 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 29.35 0.42 0.63 | 34.69 0.49 0.38 | 33.12 0.44 0.73 | 29.53 0.45 0.20 | 32.46 0.45 0.57 | 28.94 0.49 0.00 | 33.65 0.63 0.00 | 47.11 0.95 0.00 | 41.19 0.81 0.00 | 34.72 0.68 0.00 | 26.09 0.49 0.04 | 24.76 0.44 0.23 | 22.20 0.42 0.00 | 20.75 0.42 0.00 | 20.16 0.36 0.00 | 19.45 0.36 0.00 | 20.11 0.43 0.00 | 25.29 0.63 0.00 | 40.65 1.10 0.00 | 35.35 1.13 0.00 | 35.11 1.15 0.00 | 34.80 1.06 0.00 | 33.27 0.83 0.00 | 25.77 0.57 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 29.58 0.02 0.00 | 34.65 0.07 0.00 | 33.31 -0.10 0.00 | 29.02 -0.25 0.00 | 32.28 -0.29 0.00 | 28.24 -0.21 0.00 | 32.70 -0.33 0.00 | 45.80 -0.36 0.00 | 40.25 -0.13 0.00 | 33.97 -0.07 0.00 | 25.64 -0.01 0.00 | 24.57 0.01 0.00 | 21.78 0.00 0.00 | 20.32 0.00 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.65 -0.04 0.00 | 24.62 -0.04 0.00 | 39.50 -0.04 0.00 | 34.11 -0.12 0.00 | 33.84 -0.12 0.00 | 33.67 -0.07 0.00 | 32.44 0.00 0.00 | 25.19 -0.01 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 29.58 0.02 0.00 | 34.65 0.07 0.00 | 33.31 -0.10 0.00 | 29.02 -0.25 0.00 | 32.28 -0.29 0.00 | 28.24 -0.21 0.00 | 32.70 -0.33 0.00 | 45.80 -0.36 0.00 | 40.25 -0.13 0.00 | 33.97 -0.07 0.00 | 25.64 -0.01 0.00 | 24.57 0.01 0.00 | 21.78 0.00 0.00 | 20.32 0.00 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.65 -0.04 0.00 | 24.62 -0.04 0.00 | 39.50 -0.04 0.00 | 34.11 -0.12 0.00 | 33.84 -0.12 0.00 | 33.67 -0.07 0.00 | 32.44 0.00 0.00 | 25.19 -0.01 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 30.66 1.11 0.00 | 35.96 1.39 0.00 | 34.53 1.11 0.00 | 30.14 0.87 0.00 | 33.44 0.87 0.00 | 28.78 0.32 0.00 | 33.12 0.09 0.00 | 46.23 0.06 0.00 | 40.77 0.39 0.00 | 34.37 0.33 0.00 | 26.06 0.42 0.00 | 24.99 0.43 0.00 | 22.06 0.28 0.00 | 20.60 0.27 0.00 | 20.09 0.29 0.00 | 19.32 0.23 0.00 | 19.85 0.16 0.00 | 25.04 0.39 0.00 | 40.40 0.85 0.00 | 34.45 0.23 0.00 | 34.28 0.31 0.00 | 34.33 0.59 0.00 | 33.43 0.99 0.00 | 26.03 0.83 0.00 |
| MARSHVLE_115KV_TB1 80742 | 31.73 2.66 0.48 | 37.28 2.99 0.29 | 35.65 2.79 0.56 | 31.51 2.39 0.15 | 34.93 2.79 0.43 | 30.90 2.44 0.00 | 35.82 2.79 0.00 | 50.16 4.00 0.00 | 44.02 3.64 0.00 | 37.18 3.14 0.00 | 27.94 2.33 0.03 | 26.55 2.17 0.18 | 23.59 1.80 0.00 | 21.92 1.59 0.00 | 21.29 1.48 0.00 | 20.44 1.35 0.00 | 21.07 1.38 0.00 | 26.26 1.60 0.00 | 42.12 2.57 0.00 | 36.70 2.48 0.00 | 36.42 2.46 0.00 | 36.24 2.50 0.00 | 34.79 2.35 0.00 | 27.04 1.84 0.00 |
| MARSH_HILL_WT_PWR 323713 | 29.69 0.13 0.00 | 34.79 0.21 0.00 | 33.88 0.47 0.00 | 29.38 0.11 0.00 | 32.89 0.32 0.00 | 28.78 0.32 0.00 | 33.32 0.30 0.00 | 47.73 0.81 -0.75 | 41.26 0.88 0.00 | 34.91 0.87 0.00 | 26.39 0.75 0.00 | 25.29 0.73 0.00 | 22.37 0.58 0.00 | 20.66 0.33 0.00 | 20.08 0.29 0.00 | 19.30 0.20 0.00 | 19.94 0.25 0.00 | 24.96 0.30 0.00 | 40.36 0.81 0.00 | 35.44 1.21 0.00 | 34.86 0.89 0.00 | 34.18 0.44 0.00 | 32.58 0.13 0.00 | 25.48 0.28 0.00 |
| MCINTYRE_115KV_TB2 80467 | 30.13 0.58 0.00 | 35.44 0.86 0.00 | 34.20 0.78 0.00 | 29.87 0.60 0.00 | 33.23 0.66 0.00 | 28.91 0.45 0.00 | 33.40 0.37 0.00 | 46.68 0.52 0.00 | 40.82 0.45 0.00 | 34.22 0.17 0.00 | 25.74 0.10 0.00 | 24.67 0.11 0.00 | 21.80 0.02 0.00 | 20.28 -0.05 0.00 | 19.82 0.02 0.00 | 19.08 -0.02 0.00 | 19.54 -0.14 0.00 | 24.55 -0.11 0.00 | 39.74 0.19 0.00 | 34.51 0.28 0.00 | 34.26 0.30 0.00 | 34.12 0.38 0.00 | 32.97 0.53 0.00 | 25.55 0.35 0.00 |
| MECO___69_KV_BK1 80468 | 32.75 3.68 0.48 | 38.39 4.10 0.29 | 36.73 3.87 0.56 | 32.47 3.35 0.15 | 35.99 3.85 0.43 | 31.88 3.42 0.00 | 37.14 4.11 0.00 | 52.10 5.94 0.00 | 45.78 5.41 0.00 | 38.64 4.59 0.00 | 28.99 3.37 0.03 | 27.45 3.06 0.18 | 24.22 2.43 0.00 | 22.36 2.04 0.00 | 21.62 1.82 0.00 | 20.75 1.66 0.00 | 21.40 1.72 0.00 | 27.02 2.36 0.00 | 43.93 4.38 0.00 | 38.66 4.43 0.00 | 38.35 4.39 0.00 | 37.98 4.24 0.00 | 36.24 3.80 0.00 | 28.05 2.85 0.00 |
| MENANDS___115KV_TB5 355628 | 29.28 0.35 0.63 | 34.60 0.40 0.38 | 33.03 0.35 0.73 | 29.46 0.38 0.20 | 32.38 0.37 0.57 | 28.87 0.42 0.00 | 33.57 0.54 0.00 | 47.00 0.83 0.00 | 41.08 0.70 0.00 | 34.61 0.57 0.00 | 26.01 0.41 0.04 | 24.69 0.36 0.23 | 22.13 0.35 0.00 | 20.69 0.36 0.00 | 20.11 0.31 0.00 | 19.41 0.31 0.00 | 20.06 0.38 0.00 | 25.23 0.57 0.00 | 40.53 0.98 0.00 | 35.25 1.02 0.00 | 35.01 1.04 0.00 | 34.69 0.96 0.00 | 33.18 0.74 0.00 | 25.71 0.51 0.00 |
| MG INDUSTRY___DRP 24185 | 29.71 0.49 0.34 | 34.98 0.60 0.20 | 33.59 0.57 0.39 | 29.71 0.55 0.11 | 32.82 0.55 0.30 | 29.00 0.54 0.00 | 33.73 0.70 0.00 | 47.19 1.03 0.00 | 41.18 0.80 0.00 | 34.68 0.64 0.00 | 26.05 0.43 0.02 | 24.78 0.34 0.13 | 22.08 0.30 0.00 | 20.60 0.27 0.00 | 20.02 0.22 0.00 | 19.31 0.22 0.00 | 19.98 0.29 0.00 | 25.15 0.50 0.00 | 40.52 0.97 0.00 | 35.25 1.02 0.00 | 34.99 1.03 0.00 | 34.68 0.94 0.00 | 33.21 0.76 0.00 | 25.74 0.54 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 29.42 -0.13 0.00 | 34.48 -0.10 0.00 | 33.16 -0.26 0.00 | 28.85 -0.42 0.00 | 31.96 -0.61 0.00 | 27.92 -0.54 0.00 | 32.39 -0.63 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.57 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |
| MID___RAQUETTE_HYD 23851 | 29.25 -0.30 0.00 | 34.38 -0.19 0.00 | 33.15 -0.26 0.00 | 28.94 -0.33 0.00 | 32.15 -0.42 0.00 | 27.95 -0.50 0.00 | 32.31 -0.72 0.00 | 45.19 -0.97 0.00 | 39.67 -0.71 0.00 | 33.40 -0.64 0.00 | 25.19 -0.45 0.00 | 24.15 -0.42 0.00 | 21.34 -0.44 0.00 | 19.86 -0.47 0.00 | 19.40 -0.41 0.00 | 18.65 -0.44 0.00 | 19.12 -0.57 0.00 | 24.03 -0.62 0.00 | 38.79 -0.76 0.00 | 33.49 -0.73 0.00 | 33.24 -0.72 0.00 | 33.14 -0.60 0.00 | 32.02 -0.43 0.00 | 24.83 -0.37 0.00 |

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| MILLIKEN___1 23584 | 30.16 0.61 0.00 | 35.18 0.61 0.00 | 34.10 0.69 0.00 | 29.84 0.57 0.00 | 33.25 0.68 0.00 | 29.13 0.68 0.00 | 33.84 0.81 0.00 | 47.25 1.09 0.00 | 41.34 0.97 0.00 | 34.91 0.87 0.00 | 26.30 0.66 0.00 | 25.11 0.55 0.00 | 22.22 0.44 0.00 | 20.61 0.29 0.00 | 20.03 0.23 0.00 | 19.29 0.20 0.00 | 19.91 0.23 0.00 | 24.96 0.30 0.00 | 40.29 0.74 0.00 | 35.11 0.88 0.00 | 34.81 0.84 0.00 | 34.42 0.68 0.00 | 33.05 0.61 0.00 | 25.68 0.48 0.00 |
| MILLIKEN___2 23585 | 30.16 0.61 0.00 | 35.18 0.61 0.00 | 34.10 0.69 0.00 | 29.84 0.57 0.00 | 33.25 0.68 0.00 | 29.13 0.68 0.00 | 33.84 0.81 0.00 | 47.25 1.09 0.00 | 41.34 0.97 0.00 | 34.91 0.87 0.00 | 26.30 0.66 0.00 | 25.11 0.55 0.00 | 22.22 0.44 0.00 | 20.61 0.29 0.00 | 20.03 0.23 0.00 | 19.29 0.20 0.00 | 19.91 0.23 0.00 | 24.96 0.30 0.00 | 40.29 0.74 0.00 | 35.11 0.88 0.00 | 34.81 0.84 0.00 | 34.42 0.68 0.00 | 33.05 0.61 0.00 | 25.68 0.48 0.00 |
| MILLIKEN___DIESEL 23629 | 30.16 0.61 0.00 | 35.18 0.61 0.00 | 34.10 0.69 0.00 | 29.84 0.57 0.00 | 33.25 0.68 0.00 | 29.13 0.68 0.00 | 33.84 0.81 0.00 | 47.25 1.09 0.00 | 41.34 0.97 0.00 | 34.91 0.87 0.00 | 26.30 0.66 0.00 | 25.11 0.55 0.00 | 22.22 0.44 0.00 | 20.61 0.29 0.00 | 20.03 0.23 0.00 | 19.29 0.20 0.00 | 19.91 0.23 0.00 | 24.96 0.30 0.00 | 40.29 0.74 0.00 | 35.11 0.88 0.00 | 34.81 0.84 0.00 | 34.42 0.68 0.00 | 33.05 0.61 0.00 | 25.68 0.48 0.00 |
| MILLSEAT___LFGE 323607 | 29.37 -0.19 0.00 | 34.32 -0.26 0.00 | 33.40 -0.01 0.00 | 29.16 -0.11 0.00 | 32.72 0.15 0.00 | 28.63 0.18 0.00 | 32.82 -0.21 0.00 | 43.73 -1.06 1.38 | 39.42 -0.95 0.00 | 33.29 -0.75 0.00 | 25.22 -0.42 0.00 | 24.13 -0.43 0.00 | 21.24 -0.54 0.00 | 19.68 -0.64 0.00 | 19.21 -0.60 0.00 | 18.50 -0.59 0.00 | 19.01 -0.67 0.00 | 23.69 -0.97 0.00 | 37.98 -1.57 0.00 | 33.20 -1.02 0.00 | 32.64 -1.33 0.00 | 32.03 -1.71 0.00 | 31.14 -1.31 0.00 | 24.59 -0.61 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 31.21 0.98 -0.67 | 35.76 0.78 -0.40 | 34.91 0.71 -0.78 | 30.32 0.84 -0.21 | 34.06 0.88 -0.60 | 29.30 0.84 0.00 | 34.22 1.19 0.00 | 47.94 1.77 0.00 | 41.68 1.30 0.00 | 35.14 1.10 0.00 | 26.44 0.76 -0.04 | 25.44 0.63 -0.25 | 22.33 0.55 0.00 | 20.89 0.56 0.00 | 20.32 0.53 0.00 | 19.64 0.54 0.00 | 20.38 0.69 0.00 | 25.54 0.88 0.00 | 40.74 1.19 0.00 | 35.50 1.27 0.00 | 35.32 1.35 0.00 | 34.95 1.21 0.00 | 33.44 0.99 0.00 | 25.98 0.77 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 31.28 1.05 -0.67 | 35.85 0.87 -0.40 | 34.99 0.79 -0.78 | 30.39 0.90 -0.21 | 34.13 0.96 -0.60 | 29.37 0.91 0.00 | 34.31 1.28 0.00 | 48.07 1.90 0.00 | 41.78 1.41 0.00 | 35.22 1.19 0.00 | 26.51 0.83 -0.04 | 25.51 0.70 -0.25 | 22.39 0.60 0.00 | 20.93 0.61 0.00 | 20.36 0.56 0.00 | 19.68 0.59 0.00 | 20.42 0.74 0.00 | 25.61 0.95 0.00 | 40.85 1.30 0.00 | 35.60 1.38 0.00 | 35.42 1.45 0.00 | 35.05 1.31 0.00 | 33.52 1.08 0.00 | 26.04 0.84 0.00 |
| MODEL_CITY_ENERGY 24167 | 28.55 -1.00 0.00 | 33.39 -1.18 0.00 | 32.54 -0.88 0.00 | 28.39 -0.88 0.00 | 31.86 -0.71 0.00 | 27.88 -0.57 0.00 | 31.86 -1.17 0.00 | 42.07 -2.50 1.60 | 38.20 -2.18 0.00 | 32.34 -1.70 0.00 | 24.57 -1.08 0.00 | 23.54 -1.02 0.00 | 20.75 -1.04 0.00 | 19.26 -1.06 0.00 | 18.82 -0.98 0.00 | 18.13 -0.96 0.00 | 18.62 -1.07 0.00 | 23.12 -1.54 0.00 | 36.80 -2.75 0.00 | 32.02 -2.20 0.00 | 31.44 -2.52 0.00 | 30.86 -2.88 0.00 | 30.10 -2.35 0.00 | 23.87 -1.33 0.00 |
| MODERN_LFGE___ 323580 | 28.55 -1.00 0.00 | 33.39 -1.18 0.00 | 32.54 -0.88 0.00 | 28.39 -0.88 0.00 | 31.86 -0.71 0.00 | 27.88 -0.57 0.00 | 31.86 -1.17 0.00 | 42.07 -2.50 1.60 | 38.20 -2.18 0.00 | 32.34 -1.70 0.00 | 24.57 -1.08 0.00 | 23.54 -1.02 0.00 | 20.75 -1.04 0.00 | 19.26 -1.06 0.00 | 18.82 -0.98 0.00 | 18.13 -0.96 0.00 | 18.62 -1.07 0.00 | 23.12 -1.54 0.00 | 36.80 -2.75 0.00 | 32.02 -2.20 0.00 | 31.44 -2.52 0.00 | 30.86 -2.88 0.00 | 30.10 -2.35 0.00 | 23.87 -1.33 0.00 |
| MOHAWK_PAPER___DRP 24187 | 29.35 0.42 0.63 | 34.69 0.49 0.38 | 33.12 0.44 0.73 | 29.53 0.45 0.20 | 32.46 0.45 0.57 | 28.94 0.49 0.00 | 33.65 0.63 0.00 | 47.11 0.95 0.00 | 41.19 0.81 0.00 | 34.72 0.68 0.00 | 26.09 0.49 0.04 | 24.76 0.44 0.23 | 22.20 0.42 0.00 | 20.75 0.42 0.00 | 20.16 0.36 0.00 | 19.45 0.36 0.00 | 20.11 0.43 0.00 | 25.29 0.63 0.00 | 40.65 1.10 0.00 | 35.35 1.13 0.00 | 35.11 1.15 0.00 | 34.80 1.06 0.00 | 33.27 0.83 0.00 | 25.77 0.57 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 30.02 1.09 0.63 | 35.47 1.27 0.37 | 33.86 1.18 0.73 | 30.12 1.04 0.19 | 33.07 1.06 0.56 | 29.52 1.06 0.00 | 34.29 1.26 0.00 | 48.01 1.85 0.00 | 42.27 1.89 0.00 | 35.69 1.65 0.00 | 26.82 1.21 0.04 | 25.36 1.04 0.23 | 22.57 0.79 0.00 | 20.99 0.67 0.00 | 20.36 0.57 0.00 | 19.63 0.54 0.00 | 20.35 0.66 0.00 | 25.76 1.10 0.00 | 41.57 2.02 0.00 | 36.27 2.05 0.00 | 35.96 1.99 0.00 | 35.50 1.76 0.00 | 33.76 1.31 0.00 | 26.05 0.85 0.00 |
| MONGAUP___HYD 23641 | 30.97 0.86 -0.56 | 35.67 0.76 -0.34 | 34.77 0.70 -0.66 | 30.17 0.72 -0.18 | 33.85 0.77 -0.51 | 29.17 0.71 0.00 | 33.83 0.80 0.00 | 47.40 1.23 0.00 | 41.14 0.76 0.00 | 34.48 0.44 0.00 | 25.99 0.32 -0.03 | 24.96 0.19 -0.21 | 21.91 0.12 0.00 | 20.45 0.13 0.00 | 19.75 -0.05 0.00 | 19.07 -0.03 0.00 | 19.82 0.13 0.00 | 25.02 0.37 0.00 | 40.59 1.04 0.00 | 35.17 0.94 0.00 | 35.00 1.04 0.00 | 34.89 1.16 0.00 | 33.39 0.94 0.00 | 25.91 0.70 0.00 |
| MONTAUK___DIESEL 23721 | 32.04 1.81 -0.68 | 36.57 1.59 -0.40 | 35.71 1.51 -0.79 | 31.11 1.63 -0.21 | 34.94 1.76 -0.61 | 29.86 1.41 0.00 | 34.87 1.84 0.00 | 48.78 2.62 0.00 | 42.76 2.38 0.00 | 35.94 1.90 0.00 | 27.07 1.39 -0.04 | 26.04 1.22 -0.25 | 22.86 1.08 0.00 | 21.35 1.03 0.00 | 20.71 0.90 0.00 | 19.99 0.89 0.00 | 20.84 1.15 0.00 | 26.74 1.67 -0.41 | 41.64 2.09 0.00 | 36.00 1.78 0.00 | 35.80 1.84 0.00 | 35.40 1.66 0.00 | 33.54 1.09 0.00 | 26.06 0.86 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 30.25 0.69 0.00 | 35.28 0.70 0.00 | 34.31 0.89 0.00 | 29.95 0.68 0.00 | 33.63 1.06 0.00 | 29.32 0.87 0.00 | 33.72 0.69 0.00 | 46.50 0.33 0.00 | 40.83 0.45 0.00 | 34.59 0.55 0.00 | 26.23 0.59 0.00 | 25.17 0.61 0.00 | 22.18 0.40 0.00 | 20.54 0.21 0.00 | 20.06 0.26 0.00 | 19.28 0.18 0.00 | 19.81 0.13 0.00 | 24.61 -0.05 0.00 | 39.31 -0.23 0.00 | 34.21 -0.02 0.00 | 33.44 -0.52 0.00 | 32.77 -0.97 0.00 | 31.52 -0.92 0.00 | 24.77 -0.43 0.00 |
| MORTIMER_115KV_TB3 55949 | 29.28 -0.27 0.00 | 34.20 -0.37 0.00 | 33.19 -0.23 0.00 | 29.00 -0.27 0.00 | 32.47 -0.10 0.00 | 28.40 -0.05 0.00 | 32.75 -0.28 0.00 | 45.35 -0.82 0.00 | 39.63 -0.75 0.00 | 33.44 -0.60 0.00 | 25.31 -0.33 0.00 | 24.24 -0.32 0.00 | 21.40 -0.38 0.00 | 19.90 -0.43 0.00 | 19.40 -0.40 0.00 | 18.70 -0.40 0.00 | 19.24 -0.44 0.00 | 24.01 -0.64 0.00 | 38.49 -1.06 0.00 | 33.50 -0.72 0.00 | 33.05 -0.92 0.00 | 32.53 -1.20 0.00 | 31.50 -0.95 0.00 | 24.68 -0.52 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 31.37 1.14 -0.68 | 35.89 0.91 -0.41 | 35.03 0.83 -0.79 | 30.49 1.01 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 34.40 1.37 0.00 | 48.17 2.01 0.00 | 41.85 1.48 0.00 | 35.34 1.30 0.00 | 26.63 0.95 -0.04 | 25.62 0.81 -0.25 | 22.48 0.70 0.00 | 21.02 0.70 0.00 | 20.46 0.66 0.00 | 19.79 0.70 0.00 | 20.52 0.83 0.00 | 25.69 1.04 0.00 | 40.91 1.36 0.00 | 35.63 1.41 0.00 | 35.46 1.49 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |

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| MUNSVILLE_WIND_PWR 323609 | 32.19 2.63 0.00 | 37.08 2.51 0.00 | 36.33 2.91 0.00 | 31.75 2.49 0.00 | 35.47 2.90 0.00 | 31.20 2.74 0.00 | 36.13 3.10 0.00 | 50.97 4.48 -0.33 | 44.36 3.99 0.00 | 37.55 3.51 0.00 | 28.23 2.58 0.00 | 26.88 2.33 0.00 | 23.68 1.90 0.00 | 21.92 1.59 0.00 | 21.25 1.44 0.00 | 20.41 1.32 0.00 | 21.18 1.49 0.00 | 26.71 2.05 0.00 | 43.49 3.95 0.00 | 38.01 3.78 0.00 | 37.63 3.66 0.00 | 37.06 3.32 0.00 | 35.46 3.02 0.00 | 27.47 2.27 0.00 |
| N SALMON___HYD 24042 | 30.78 1.22 0.00 | 36.14 1.56 0.00 | 34.77 1.36 0.00 | 30.35 1.08 0.00 | 33.71 1.14 0.00 | 29.13 0.67 0.00 | 33.58 0.55 0.00 | 46.89 0.73 0.00 | 41.32 0.94 0.00 | 34.82 0.78 0.00 | 26.33 0.68 0.00 | 25.21 0.65 0.00 | 22.26 0.47 0.00 | 20.74 0.41 0.00 | 20.22 0.42 0.00 | 19.43 0.33 0.00 | 19.93 0.24 0.00 | 25.12 0.46 0.00 | 40.58 1.03 0.00 | 34.80 0.57 0.00 | 34.59 0.63 0.00 | 34.57 0.83 0.00 | 33.57 1.12 0.00 | 26.08 0.88 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 29.38 -0.17 0.00 | 34.32 -0.25 0.00 | 33.38 -0.04 0.00 | 29.15 -0.12 0.00 | 32.73 0.15 0.00 | 28.65 0.19 0.00 | 32.82 -0.21 0.00 | 45.11 -1.06 0.00 | 39.43 -0.95 0.00 | 33.31 -0.73 0.00 | 25.24 -0.40 0.00 | 24.17 -0.39 0.00 | 21.25 -0.53 0.00 | 19.69 -0.63 0.00 | 19.22 -0.58 0.00 | 18.51 -0.58 0.00 | 19.00 -0.68 0.00 | 23.70 -0.96 0.00 | 38.00 -1.55 0.00 | 33.19 -1.04 0.00 | 32.62 -1.35 0.00 | 32.01 -1.73 0.00 | 31.14 -1.30 0.00 | 24.59 -0.61 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 31.82 1.59 -0.68 | 36.36 1.38 -0.40 | 35.47 1.26 -0.79 | 30.84 1.36 -0.21 | 34.65 1.46 -0.61 | 29.76 1.30 0.00 | 34.77 1.75 0.00 | 48.64 2.48 0.00 | 42.23 1.85 0.00 | 35.54 1.50 0.00 | 26.80 1.12 -0.04 | 25.82 1.01 -0.25 | 22.63 0.85 0.00 | 21.17 0.84 0.00 | 20.59 0.79 0.00 | 19.94 0.84 0.00 | 20.75 1.06 0.00 | 26.50 1.44 -0.41 | 41.51 1.96 0.00 | 36.01 1.79 0.00 | 35.82 1.85 0.00 | 35.40 1.66 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| N.E_GEN_SANDY PD 24062 | 24.87 0.08 4.77 | 31.77 0.04 2.84 | 27.82 -0.05 5.55 | 27.88 0.10 1.49 | 27.91 0.03 4.70 | 28.76 0.16 -0.14 | 32.54 0.29 0.78 | 50.34 0.50 -3.68 | 40.86 0.40 -0.08 | 34.32 0.28 0.00 | 25.51 0.15 0.28 | 22.88 0.09 1.77 | 21.91 0.12 0.00 | 20.50 0.18 0.00 | 19.93 0.13 0.00 | 19.16 0.15 0.08 | 20.07 0.25 -0.14 | 25.08 0.41 -0.02 | 39.52 0.72 0.75 | 35.08 0.85 0.00 | 34.87 0.91 0.00 | 34.70 0.78 -0.17 | 33.56 0.51 -0.61 | 25.52 0.32 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 31.19 1.00 -0.63 | 35.76 0.80 -0.38 | 34.89 0.74 -0.74 | 30.30 0.84 -0.20 | 34.03 0.89 -0.57 | 29.31 0.86 0.00 | 34.26 1.23 0.00 | 48.00 1.83 0.00 | 41.71 1.33 0.00 | 35.13 1.09 0.00 | 26.41 0.73 -0.04 | 25.41 0.61 -0.24 | 22.31 0.53 0.00 | 20.86 0.54 0.00 | 20.29 0.50 0.00 | 19.60 0.50 0.00 | 20.35 0.66 0.00 | 25.51 0.85 0.00 | 40.68 1.14 0.00 | 35.47 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.42 0.97 0.00 | 25.98 0.78 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 31.51 1.28 -0.68 | 36.03 1.05 -0.40 | 35.18 0.97 -0.79 | 30.60 1.11 -0.22 | 34.32 1.14 -0.61 | 29.54 1.08 -0.01 | 34.46 1.43 0.00 | 48.26 2.10 0.00 | 41.90 1.52 0.00 | 35.52 1.48 0.00 | 26.75 1.06 -0.04 | 25.74 0.93 -0.25 | 22.59 0.80 0.00 | 21.14 0.82 0.00 | 20.62 0.81 0.00 | 19.93 0.84 0.00 | 20.63 0.95 0.00 | 25.77 1.12 0.00 | 41.00 1.46 0.00 | 35.76 1.53 0.00 | 35.59 1.62 0.00 | 35.26 1.52 0.00 | 33.73 1.28 0.00 | 26.23 1.03 0.00 |
| N.TROY___115KV_TB1 355778 | 29.02 0.28 0.82 | 34.43 0.35 0.49 | 32.73 0.27 0.96 | 29.32 0.31 0.25 | 32.12 0.29 0.73 | 28.81 0.36 0.00 | 33.49 0.46 0.00 | 46.89 0.73 0.00 | 41.07 0.69 0.00 | 34.59 0.55 0.05 | 25.98 0.38 0.30 | 24.57 0.32 0.00 | 22.09 0.30 0.00 | 20.63 0.30 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.00 0.31 0.00 | 25.18 0.53 0.00 | 40.51 0.97 0.00 | 35.26 1.03 0.00 | 35.02 1.05 0.00 | 34.67 0.93 0.00 | 33.13 0.68 0.00 | 25.65 0.44 0.00 |
| NARROWS_GT1_1 24228 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_2 24229 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_3 24230 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_4 24231 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_5 24232 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_6 24233 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT1_7 24234 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_8 24235 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_1 24236 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_2 24237 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_3 24238 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_4 24239 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_5 24240 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_6 24241 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_7 24242 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NARROWS_GT2_8 24243 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 30.67 1.33 0.22 | 36.05 1.60 0.13 | 34.73 1.56 0.25 | 30.55 1.34 0.07 | 33.87 1.49 0.19 | 29.82 1.36 0.00 | 34.67 1.64 0.00 | 48.56 2.39 0.00 | 42.53 2.16 0.00 | 35.82 1.78 0.00 | 26.92 1.29 0.01 | 25.62 1.14 0.08 | 22.65 0.87 0.00 | 21.05 0.73 0.00 | 20.39 0.59 0.00 | 19.67 0.57 0.00 | 20.34 0.66 0.00 | 25.80 1.14 0.00 | 41.79 2.24 0.00 | 36.57 2.35 0.00 | 36.27 2.30 0.00 | 35.85 2.11 0.00 | 34.24 1.80 0.00 | 26.47 1.26 0.00 |
| NCHELSEA_115KV_TR2 355582 | 31.11 1.00 -0.55 | 35.81 0.90 -0.33 | 34.90 0.84 -0.64 | 30.33 0.89 -0.17 | 34.02 0.96 -0.49 | 29.37 0.91 0.00 | 34.29 1.26 0.00 | 48.04 1.87 0.00 | 41.79 1.41 0.00 | 35.16 1.12 0.00 | 26.43 0.75 -0.03 | 25.39 0.63 -0.20 | 22.34 0.55 0.00 | 20.89 0.56 0.00 | 20.32 0.52 0.00 | 19.63 0.54 0.00 | 20.41 0.72 0.00 | 25.63 0.98 0.00 | 41.01 1.47 0.00 | 35.77 1.54 0.00 | 35.56 1.59 0.00 | 35.18 1.44 0.00 | 33.64 1.20 0.00 | 26.09 0.89 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 29.67 0.82 0.70 | 35.10 0.94 0.42 | 33.46 0.87 0.82 | 29.84 0.79 0.22 | 32.77 0.84 0.63 | 29.29 0.83 0.00 | 34.05 1.02 0.00 | 47.68 1.51 0.00 | 41.81 1.43 0.00 | 35.25 1.21 0.00 | 26.48 0.88 0.04 | 25.08 0.78 0.26 | 22.45 0.66 0.00 | 20.91 0.59 0.00 | 20.30 0.51 0.00 | 19.58 0.49 0.00 | 20.28 0.59 0.00 | 25.58 0.93 0.00 | 41.20 1.65 0.00 | 35.87 1.65 0.00 | 35.59 1.62 0.00 | 35.21 1.47 0.00 | 33.61 1.16 0.00 | 26.00 0.79 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 28.77 -0.79 0.00 | 33.58 -1.00 0.00 | 32.58 -0.83 0.00 | 28.49 -0.79 0.00 | 31.85 -0.73 0.00 | 27.88 -0.58 0.00 | 32.19 -0.84 0.00 | 44.10 -1.49 0.57 | 39.06 -1.31 0.00 | 32.98 -1.06 0.00 | 24.94 -0.70 0.00 | 23.87 -0.69 0.00 | 21.10 -0.69 0.00 | 19.61 -0.72 0.00 | 19.10 -0.70 0.00 | 18.41 -0.68 0.00 | 18.98 -0.70 0.00 | 23.70 -0.96 0.00 | 38.04 -1.51 0.00 | 33.10 -1.13 0.00 | 32.67 -1.30 0.00 | 32.18 -1.55 0.00 | 31.09 -1.35 0.00 | 24.31 -0.89 0.00 |
| NEG CENTRAL___DRP 24199 | 29.67 0.12 0.00 | 34.59 0.01 0.00 | 33.56 0.14 0.00 | 29.37 0.10 0.00 | 32.72 0.15 0.00 | 28.73 0.27 0.00 | 33.26 0.23 0.00 | 46.39 0.23 0.00 | 40.58 0.21 0.00 | 34.27 0.23 0.00 | 25.89 0.24 0.00 | 24.75 0.18 0.00 | 21.90 0.11 0.00 | 20.31 -0.02 0.00 | 19.74 -0.06 0.00 | 19.01 -0.09 0.00 | 19.60 -0.08 0.00 | 24.53 -0.12 0.00 | 39.46 -0.09 0.00 | 34.43 0.20 0.00 | 34.10 0.13 0.00 | 33.65 -0.09 0.00 | 32.35 -0.09 0.00 | 25.20 0.00 0.00 |
| NEG CENTRAL___INDECK 23768 | 30.33 0.78 0.00 | 35.42 0.84 0.00 | 34.43 1.01 0.00 | 29.94 0.67 0.00 | 33.54 0.97 0.00 | 29.41 0.95 0.00 | 34.05 1.02 0.00 | 48.05 1.39 -0.50 | 41.40 1.02 0.00 | 34.56 0.52 0.00 | 26.07 0.43 0.00 | 24.96 0.40 0.00 | 22.07 0.28 0.00 | 20.45 0.12 0.00 | 19.91 0.10 0.00 | 19.15 0.06 0.00 | 19.76 0.08 0.00 | 24.69 0.03 0.00 | 39.82 0.28 0.00 | 35.41 1.18 0.00 | 35.02 1.05 0.00 | 34.40 0.66 0.00 | 32.99 0.55 0.00 | 25.76 0.56 0.00 |

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| NEG CENTRAL___SENECA 23627 | 29.78 0.23 0.00 | 34.65 0.07 0.00 | 33.67 0.26 0.00 | 29.44 0.17 0.00 | 32.83 0.25 0.00 | 28.85 0.40 0.00 | 33.33 0.30 0.00 | 46.52 0.35 0.00 | 40.74 0.36 0.00 | 34.42 0.39 0.00 | 26.04 0.40 0.00 | 24.88 0.32 0.00 | 22.00 0.22 0.00 | 20.35 0.03 0.00 | 19.78 -0.02 0.00 | 19.01 -0.08 0.00 | 19.62 -0.06 0.00 | 24.57 -0.09 0.00 | 39.50 -0.05 0.00 | 34.56 0.33 0.00 | 34.21 0.25 0.00 | 33.71 -0.03 0.00 | 32.42 -0.02 0.00 | 25.27 0.07 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 29.79 0.24 0.00 | 34.81 0.24 0.00 | 33.73 0.32 0.00 | 29.56 0.29 0.00 | 32.83 0.26 0.00 | 28.83 0.38 0.00 | 33.48 0.46 0.00 | 46.59 0.42 0.00 | 40.78 0.40 0.00 | 34.43 0.38 0.00 | 25.98 0.34 0.00 | 24.82 0.26 0.00 | 22.00 0.22 0.00 | 20.43 0.10 0.00 | 19.87 0.07 0.00 | 19.19 0.09 0.00 | 19.78 0.09 0.00 | 24.73 0.08 0.00 | 39.85 0.30 0.00 | 34.61 0.39 0.00 | 34.26 0.29 0.00 | 33.91 0.17 0.00 | 32.57 0.13 0.00 | 25.37 0.16 0.00 |
| NEG MILLWOOD___DRP 24198 | 31.40 1.23 -0.61 | 36.11 1.17 -0.36 | 35.23 1.11 -0.71 | 30.60 1.14 -0.19 | 34.35 1.23 -0.55 | 29.62 1.17 0.00 | 34.60 1.57 0.00 | 48.48 2.32 0.00 | 42.19 1.81 0.00 | 35.52 1.48 0.00 | 26.71 1.03 -0.04 | 25.68 0.89 -0.23 | 22.56 0.77 0.00 | 21.08 0.75 0.00 | 20.50 0.70 0.00 | 19.82 0.73 0.00 | 20.60 0.91 0.00 | 25.86 1.20 0.00 | 41.37 1.83 0.00 | 36.08 1.85 0.00 | 35.87 1.90 0.00 | 35.49 1.75 0.00 | 33.92 1.47 0.00 | 26.29 1.09 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 31.07 1.52 0.00 | 36.44 1.87 0.00 | 35.02 1.61 0.00 | 30.58 1.31 0.00 | 33.85 1.28 0.00 | 29.05 0.59 0.00 | 33.35 0.32 0.00 | 46.46 0.30 0.00 | 40.97 0.60 0.00 | 34.51 0.47 0.00 | 26.17 0.53 0.00 | 25.08 0.51 0.00 | 22.14 0.36 0.00 | 20.71 0.38 0.00 | 20.18 0.38 0.00 | 19.41 0.31 0.00 | 19.94 0.26 0.00 | 25.23 0.57 0.00 | 40.71 1.16 0.00 | 34.49 0.27 0.00 | 34.33 0.37 0.00 | 34.51 0.77 0.00 | 33.79 1.34 0.00 | 26.35 1.15 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 30.74 1.18 0.00 | 36.07 1.49 0.00 | 34.68 1.27 0.00 | 30.28 1.01 0.00 | 33.59 1.02 0.00 | 28.95 0.50 0.00 | 33.34 0.31 0.00 | 46.51 0.35 0.00 | 41.00 0.62 0.00 | 34.56 0.52 0.00 | 26.16 0.52 0.00 | 25.08 0.52 0.00 | 22.13 0.35 0.00 | 20.65 0.33 0.00 | 20.14 0.35 0.00 | 19.37 0.27 0.00 | 19.88 0.19 0.00 | 25.09 0.43 0.00 | 40.50 0.95 0.00 | 34.57 0.35 0.00 | 34.41 0.44 0.00 | 34.44 0.70 0.00 | 33.50 1.06 0.00 | 26.08 0.88 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 31.20 1.64 0.00 | 36.60 2.02 0.00 | 35.17 1.76 0.00 | 30.71 1.44 0.00 | 34.03 1.45 0.00 | 29.26 0.81 0.00 | 33.65 0.62 0.00 | 46.93 0.77 0.00 | 41.41 1.03 0.00 | 34.89 0.85 0.00 | 26.44 0.80 0.00 | 25.34 0.78 0.00 | 22.36 0.57 0.00 | 20.87 0.55 0.00 | 20.32 0.52 0.00 | 19.53 0.44 0.00 | 20.07 0.38 0.00 | 25.38 0.72 0.00 | 40.98 1.44 0.00 | 34.90 0.67 0.00 | 34.72 0.76 0.00 | 34.80 1.06 0.00 | 33.95 1.51 0.00 | 26.44 1.24 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 31.20 1.64 0.00 | 36.60 2.02 0.00 | 35.17 1.76 0.00 | 30.71 1.44 0.00 | 34.03 1.45 0.00 | 29.26 0.81 0.00 | 33.65 0.62 0.00 | 46.93 0.77 0.00 | 41.41 1.03 0.00 | 34.89 0.85 0.00 | 26.44 0.80 0.00 | 25.34 0.78 0.00 | 22.36 0.57 0.00 | 20.87 0.55 0.00 | 20.32 0.52 0.00 | 19.53 0.44 0.00 | 20.07 0.38 0.00 | 25.38 0.72 0.00 | 40.98 1.44 0.00 | 34.90 0.67 0.00 | 34.72 0.76 0.00 | 34.80 1.06 0.00 | 33.95 1.51 0.00 | 26.44 1.24 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 31.20 1.64 0.00 | 36.60 2.02 0.00 | 35.17 1.76 0.00 | 30.71 1.44 0.00 | 34.03 1.45 0.00 | 29.26 0.81 0.00 | 33.65 0.62 0.00 | 46.93 0.76 0.00 | 41.41 1.03 0.00 | 34.89 0.85 0.00 | 26.44 0.80 0.00 | 25.34 0.78 0.00 | 22.36 0.57 0.00 | 20.87 0.55 0.00 | 20.32 0.52 0.00 | 19.53 0.44 0.00 | 20.07 0.38 0.00 | 25.37 0.72 0.00 | 40.98 1.44 0.00 | 34.90 0.67 0.00 | 34.72 0.75 0.00 | 34.79 1.06 0.00 | 33.95 1.51 0.00 | 26.44 1.24 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 28.87 -0.68 0.00 | 33.74 -0.84 0.00 | 32.84 -0.57 0.00 | 28.67 -0.60 0.00 | 32.19 -0.38 0.00 | 28.17 -0.29 0.00 | 32.22 -0.81 0.00 | 44.17 -1.99 0.00 | 38.64 -1.73 0.00 | 32.71 -1.33 0.00 | 24.84 -0.80 0.00 | 23.81 -0.75 0.00 | 20.96 -0.82 0.00 | 19.45 -0.87 0.00 | 19.00 -0.80 0.00 | 18.31 -0.78 0.00 | 18.78 -0.90 0.00 | 23.36 -1.29 0.00 | 37.24 -2.31 0.00 | 32.41 -1.82 0.00 | 31.82 -2.15 0.00 | 31.22 -2.52 0.00 | 30.44 -2.00 0.00 | 24.11 -1.09 0.00 |
| NEG WEST___LANCASTER 23811 | 29.94 0.38 0.00 | 34.99 0.41 0.00 | 34.02 0.60 0.00 | 29.69 0.42 0.00 | 33.34 0.77 0.00 | 29.04 0.58 0.00 | 33.43 0.40 0.00 | 46.13 -0.03 0.00 | 40.33 -0.05 0.00 | 34.15 0.11 0.00 | 25.98 0.33 0.00 | 24.91 0.35 0.00 | 21.96 0.17 0.00 | 20.36 0.04 0.00 | 19.88 0.08 0.00 | 19.14 0.05 0.00 | 19.66 -0.02 0.00 | 24.43 -0.22 0.00 | 38.97 -0.58 0.00 | 33.90 -0.33 0.00 | 33.31 -0.65 0.00 | 32.70 -1.04 0.00 | 31.90 -0.55 0.00 | 25.07 -0.13 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 29.69 0.13 0.00 | 34.61 0.03 0.00 | 33.56 0.14 0.00 | 29.34 0.07 0.00 | 32.74 0.17 0.00 | 28.61 0.15 0.00 | 33.25 0.22 0.00 | 47.01 0.32 -0.52 | 40.64 0.26 0.00 | 34.32 0.28 0.00 | 25.86 0.21 0.00 | 24.74 0.18 0.00 | 21.91 0.13 0.00 | 20.36 0.03 0.00 | 19.82 0.02 0.00 | 19.10 0.00 0.00 | 19.73 0.04 0.00 | 24.68 0.02 0.00 | 39.66 0.11 0.00 | 34.52 0.29 0.00 | 34.21 0.24 0.00 | 33.83 0.09 0.00 | 32.51 0.06 0.00 | 25.25 0.05 0.00 |
| NEG___GEN_MONROE 24207 | 29.50 -0.06 0.00 | 34.45 -0.12 0.00 | 33.44 0.02 0.00 | 29.22 -0.05 0.00 | 32.73 0.16 0.00 | 28.64 0.18 0.00 | 33.02 -0.01 0.00 | 45.64 -0.53 0.00 | 39.86 -0.52 0.00 | 33.61 -0.43 0.00 | 25.44 -0.21 0.00 | 24.35 -0.21 0.00 | 21.48 -0.30 0.00 | 19.95 -0.38 0.00 | 19.45 -0.36 0.00 | 18.74 -0.36 0.00 | 19.28 -0.40 0.00 | 24.07 -0.58 0.00 | 38.64 -0.90 0.00 | 33.70 -0.52 0.00 | 33.22 -0.74 0.00 | 32.68 -1.06 0.00 | 31.66 -0.79 0.00 | 24.84 -0.36 0.00 |
| NEPA___ENERGY 23901 | 29.36 -0.19 0.00 | 34.16 -0.42 0.00 | 33.28 -0.13 0.00 | 29.01 -0.26 0.00 | 32.59 0.02 0.00 | 28.42 -0.04 0.00 | 32.84 -0.19 0.00 | 45.41 -0.75 0.00 | 39.73 -0.65 0.00 | 33.64 -0.41 0.00 | 25.42 -0.22 0.00 | 24.37 -0.19 0.00 | 21.52 -0.27 0.00 | 19.91 -0.42 0.00 | 19.45 -0.35 0.00 | 18.69 -0.41 0.00 | 19.23 -0.46 0.00 | 23.84 -0.81 0.00 | 38.13 -1.42 0.00 | 33.22 -1.00 0.00 | 32.68 -1.29 0.00 | 32.16 -1.58 0.00 | 31.22 -1.22 0.00 | 24.42 -0.78 0.00 |
| NEVERSink___HYD 23608 | 31.44 1.49 -0.39 | 36.27 1.46 -0.24 | 35.25 1.38 -0.46 | 30.73 1.33 -0.12 | 34.41 1.48 -0.36 | 29.81 1.36 0.00 | 34.81 1.78 0.00 | 48.76 2.59 0.00 | 42.34 1.96 0.00 | 35.48 1.44 0.00 | 26.57 0.90 -0.02 | 25.45 0.74 -0.15 | 22.71 0.93 0.00 | 20.89 0.56 0.00 | 20.36 0.56 0.00 | 19.68 0.59 0.00 | 20.45 0.76 0.00 | 25.69 1.04 0.00 | 41.21 1.66 0.00 | 36.05 1.83 0.00 | 35.88 1.91 0.00 | 35.49 1.75 0.00 | 33.97 1.53 0.00 | 26.36 1.16 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 29.47 0.48 0.57 | 34.78 0.54 0.34 | 33.25 0.50 0.66 | 29.60 0.50 0.18 | 32.58 0.52 0.51 | 28.99 0.53 0.00 | 33.71 0.68 0.00 | 47.18 1.02 0.00 | 41.23 0.85 0.00 | 34.75 0.71 0.00 | 26.12 0.51 0.03 | 24.80 0.45 0.21 | 22.21 0.43 0.00 | 20.75 0.43 0.00 | 20.18 0.38 0.00 | 19.47 0.38 0.00 | 20.14 0.45 0.00 | 25.32 0.67 0.00 | 40.66 1.12 0.00 | 35.37 1.14 0.00 | 35.13 1.17 0.00 | 34.82 1.08 0.00 | 33.30 0.86 0.00 | 25.80 0.60 0.00 |

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| NEWTON___FALLS_HYD 23847 | 29.42 -0.13 0.00 | 34.48 -0.10 0.00 | 33.16 -0.26 0.00 | 28.85 -0.42 0.00 | 31.96 -0.61 0.00 | 27.92 -0.54 0.00 | 32.39 -0.63 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.57 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |
| NGRID_A1_DSASP 323792 | 28.58 -0.98 0.00 | 33.43 -1.15 0.00 | 32.56 -0.85 0.00 | 28.40 -0.87 0.00 | 31.88 -0.69 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 41.89 -2.61 1.66 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.49 -1.15 0.00 | 23.48 -1.09 0.00 | 20.70 -1.09 0.00 | 19.23 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.59 -1.10 0.00 | 23.07 -1.59 0.00 | 36.68 -2.87 0.00 | 31.84 -2.39 0.00 | 31.25 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| NGRID_A2_DSASP 323793 | 28.58 -0.98 0.00 | 33.43 -1.15 0.00 | 32.56 -0.85 0.00 | 28.40 -0.87 0.00 | 31.88 -0.69 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 41.89 -2.61 1.66 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.49 -1.15 0.00 | 23.48 -1.09 0.00 | 20.70 -1.09 0.00 | 19.23 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.59 -1.10 0.00 | 23.07 -1.59 0.00 | 36.68 -2.87 0.00 | 31.84 -2.39 0.00 | 31.25 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| NGRID_A4_DSASP 323807 | 28.58 -0.98 0.00 | 33.43 -1.15 0.00 | 32.56 -0.85 0.00 | 28.40 -0.87 0.00 | 31.88 -0.69 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 41.89 -2.61 1.66 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.49 -1.15 0.00 | 23.48 -1.09 0.00 | 20.70 -1.09 0.00 | 19.23 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.59 -1.10 0.00 | 23.07 -1.59 0.00 | 36.68 -2.87 0.00 | 31.84 -2.39 0.00 | 31.25 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| NIAGARA_115E_LBMP 323715 | 28.37 -1.18 0.00 | 33.18 -1.39 0.00 | 32.34 -1.07 0.00 | 28.23 -1.04 0.00 | 31.67 -0.91 0.00 | 27.72 -0.74 0.00 | 31.66 -1.37 0.00 | 41.72 -2.80 1.64 | 37.92 -2.45 0.00 | 32.14 -1.90 0.00 | 24.42 -1.22 0.00 | 23.41 -1.15 0.00 | 20.63 -1.15 0.00 | 19.16 -1.17 0.00 | 18.72 -1.08 0.00 | 18.04 -1.05 0.00 | 18.52 -1.17 0.00 | 22.98 -1.67 0.00 | 36.55 -2.99 0.00 | 31.79 -2.44 0.00 | 31.21 -2.75 0.00 | 30.63 -3.11 0.00 | 29.89 -2.56 0.00 | 23.73 -1.48 0.00 |
| NIAGARA_115W_LBMP 323714 | 28.53 -1.02 0.00 | 33.38 -1.20 0.00 | 32.51 -0.90 0.00 | 28.36 -0.91 0.00 | 31.83 -0.74 0.00 | 27.82 -0.63 0.00 | 31.74 -1.29 0.00 | 41.81 -2.70 1.66 | 37.96 -2.42 0.00 | 32.16 -1.88 0.00 | 24.44 -1.20 0.00 | 23.43 -1.13 0.00 | 20.66 -1.13 0.00 | 19.18 -1.14 0.00 | 18.75 -1.05 0.00 | 18.07 -1.02 0.00 | 18.55 -1.14 0.00 | 23.02 -1.63 0.00 | 36.60 -2.95 0.00 | 31.77 -2.46 0.00 | 31.18 -2.79 0.00 | 30.61 -3.13 0.00 | 29.90 -2.54 0.00 | 23.71 -1.49 0.00 |
| NIAGARA_230_LBMP 323716 | 28.60 -0.96 0.00 | 33.45 -1.13 0.00 | 32.57 -0.85 0.00 | 28.42 -0.85 0.00 | 31.89 -0.68 0.00 | 27.87 -0.59 0.00 | 31.90 -1.12 0.00 | 42.14 -2.39 1.64 | 38.30 -2.08 0.00 | 32.45 -1.59 0.00 | 24.65 -1.00 0.00 | 23.62 -0.94 0.00 | 20.83 -0.96 0.00 | 19.35 -0.98 0.00 | 18.90 -0.90 0.00 | 18.22 -0.87 0.00 | 18.71 -0.98 0.00 | 23.22 -1.44 0.00 | 36.94 -2.61 0.00 | 32.09 -2.14 0.00 | 31.50 -2.46 0.00 | 30.93 -2.81 0.00 | 30.18 -2.27 0.00 | 23.90 -1.30 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 28.54 -1.01 0.00 | 33.38 -1.20 0.00 | 32.48 -0.93 0.00 | 28.34 -0.93 0.00 | 31.83 -0.75 0.00 | 27.83 -0.63 0.00 | 31.74 -1.29 0.00 | 43.46 -2.70 0.00 | 37.96 -2.42 0.00 | 32.16 -1.88 0.00 | 24.45 -1.19 0.00 | 23.44 -1.12 0.00 | 20.66 -1.13 0.00 | 19.18 -1.14 0.00 | 18.75 -1.05 0.00 | 18.07 -1.02 0.00 | 18.52 -1.16 0.00 | 23.03 -1.63 0.00 | 36.61 -2.93 0.00 | 31.76 -2.46 0.00 | 31.18 -2.79 0.00 | 30.61 -3.13 0.00 | 29.91 -2.54 0.00 | 23.71 -1.49 0.00 |
| NIAGARA____ 23760 | 28.60 -0.96 0.00 | 33.45 -1.13 0.00 | 32.57 -0.85 0.00 | 28.42 -0.85 0.00 | 31.89 -0.68 0.00 | 27.87 -0.59 0.00 | 31.90 -1.12 0.00 | 42.14 -2.39 1.64 | 38.30 -2.08 0.00 | 32.45 -1.59 0.00 | 24.65 -1.00 0.00 | 23.62 -0.94 0.00 | 20.83 -0.96 0.00 | 19.35 -0.98 0.00 | 18.90 -0.90 0.00 | 18.22 -0.87 0.00 | 18.71 -0.98 0.00 | 23.22 -1.44 0.00 | 36.94 -2.61 0.00 | 32.09 -2.14 0.00 | 31.50 -2.46 0.00 | 30.93 -2.81 0.00 | 30.18 -2.27 0.00 | 23.90 -1.30 0.00 |
| NINE_MILE_1 23575 | 28.84 -0.72 0.00 | 33.70 -0.88 0.00 | 32.61 -0.80 0.00 | 28.55 -0.72 0.00 | 31.80 -0.77 0.00 | 27.82 -0.64 0.00 | 32.27 -0.76 0.00 | 45.04 -1.12 0.00 | 39.38 -1.00 0.00 | 33.21 -0.83 0.00 | 25.04 -0.61 0.00 | 23.96 -0.60 0.00 | 21.28 -0.51 0.00 | 19.85 -0.47 0.00 | 19.34 -0.47 0.00 | 18.65 -0.44 0.00 | 19.23 -0.45 0.00 | 24.00 -0.66 0.00 | 38.49 -1.06 0.00 | 33.42 -0.81 0.00 | 33.12 -0.85 0.00 | 32.80 -0.94 0.00 | 31.54 -0.90 0.00 | 24.54 -0.66 0.00 |
| NINE_MILE_2 23744 | 28.84 -0.72 0.00 | 33.71 -0.87 0.00 | 32.62 -0.79 0.00 | 28.56 -0.71 0.00 | 31.81 -0.76 0.00 | 27.82 -0.64 0.00 | 32.28 -0.76 0.00 | 45.04 -1.12 0.00 | 39.38 -1.00 0.00 | 33.21 -0.83 0.00 | 25.04 -0.60 0.00 | 23.97 -0.59 0.00 | 21.28 -0.50 0.00 | 19.85 -0.47 0.00 | 19.34 -0.46 0.00 | 18.66 -0.44 0.00 | 19.23 -0.45 0.00 | 24.00 -0.66 0.00 | 38.49 -1.06 0.00 | 33.42 -0.81 0.00 | 33.12 -0.84 0.00 | 32.80 -0.93 0.00 | 31.54 -0.90 0.00 | 24.55 -0.66 0.00 |
| NM_CAPITAL___DRP 24208 | 29.29 0.35 0.62 | 34.61 0.41 0.37 | 33.04 0.35 0.72 | 29.46 0.38 0.19 | 32.39 0.38 0.56 | 28.87 0.42 0.00 | 33.57 0.54 0.00 | 47.00 0.83 0.00 | 41.08 0.70 0.00 | 34.61 0.57 0.00 | 26.01 0.41 0.04 | 24.69 0.36 0.23 | 22.13 0.35 0.00 | 20.68 0.36 0.00 | 20.10 0.30 0.00 | 19.40 0.31 0.00 | 20.05 0.37 0.00 | 25.22 0.56 0.00 | 40.50 0.95 0.00 | 35.24 1.01 0.00 | 35.00 1.04 0.00 | 34.69 0.95 0.00 | 33.17 0.73 0.00 | 25.70 0.50 0.00 |
| NM_CENTRAL___DRP 24181 | 29.34 -0.21 0.00 | 34.26 -0.31 0.00 | 33.17 -0.25 0.00 | 29.03 -0.24 0.00 | 32.37 -0.20 0.00 | 28.32 -0.14 0.00 | 32.86 -0.16 0.00 | 45.86 -0.31 0.00 | 40.08 -0.30 0.00 | 33.81 -0.23 0.00 | 25.48 -0.16 0.00 | 24.39 -0.17 0.00 | 21.64 -0.15 0.00 | 20.16 -0.16 0.00 | 19.63 -0.17 0.00 | 18.93 -0.16 0.00 | 19.53 -0.16 0.00 | 24.37 -0.29 0.00 | 39.05 -0.50 0.00 | 33.94 -0.28 0.00 | 33.64 -0.33 0.00 | 33.26 -0.47 0.00 | 32.01 -0.43 0.00 | 24.92 -0.28 0.00 |
| NM_FRONTIER___DRP 24179 | 28.54 -1.01 0.00 | 33.38 -1.20 0.00 | 32.48 -0.93 0.00 | 28.34 -0.93 0.00 | 31.83 -0.75 0.00 | 27.83 -0.63 0.00 | 31.74 -1.29 0.00 | 43.46 -2.70 0.00 | 37.96 -2.42 0.00 | 32.16 -1.88 0.00 | 24.45 -1.19 0.00 | 23.44 -1.12 0.00 | 20.66 -1.13 0.00 | 19.18 -1.14 0.00 | 18.75 -1.05 0.00 | 18.07 -1.02 0.00 | 18.52 -1.16 0.00 | 23.03 -1.63 0.00 | 36.61 -2.93 0.00 | 31.76 -2.46 0.00 | 31.18 -2.79 0.00 | 30.61 -3.13 0.00 | 29.91 -2.54 0.00 | 23.71 -1.49 0.00 |
| NM_ST_REGIS___HYD 24053 | 29.68 0.12 0.00 | 34.88 0.31 0.00 | 33.61 0.20 0.00 | 29.34 0.07 0.00 | 32.59 0.02 0.00 | 28.28 -0.17 0.00 | 32.66 -0.37 0.00 | 45.66 -0.51 0.00 | 40.13 -0.24 0.00 | 33.80 -0.24 0.00 | 25.51 -0.14 0.00 | 24.45 -0.11 0.00 | 21.60 -0.18 0.00 | 20.11 -0.22 0.00 | 19.63 -0.17 0.00 | 18.88 -0.22 0.00 | 19.35 -0.34 0.00 | 24.34 -0.32 0.00 | 39.29 -0.25 0.00 | 33.86 -0.37 0.00 | 33.62 -0.35 0.00 | 33.54 -0.19 0.00 | 32.45 0.01 0.00 | 25.18 -0.02 0.00 |

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| NORTHPORT___1 23551 | 31.71 1.48 -0.68 | 36.18 1.20 -0.40 | 35.34 1.13 -0.79 | 30.77 1.29 -0.21 | 34.56 1.37 -0.61 | 29.62 1.17 0.00 | 34.61 1.59 0.00 | 48.35 2.18 0.00 | 42.00 1.62 0.00 | 35.38 1.34 0.00 | 26.70 1.02 -0.04 | 25.74 0.92 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.51 0.71 0.00 | 19.86 0.77 0.00 | 20.66 0.98 0.00 | 26.45 1.38 -0.41 | 41.32 1.78 0.00 | 35.70 1.47 0.00 | 35.47 1.51 0.00 | 35.07 1.33 0.00 | 33.45 1.01 0.00 | 26.03 0.83 0.00 |
| NORTHPORT___2 23552 | 31.71 1.48 -0.68 | 36.18 1.20 -0.40 | 35.34 1.13 -0.79 | 30.77 1.29 -0.21 | 34.56 1.37 -0.61 | 29.62 1.17 0.00 | 34.61 1.59 0.00 | 48.35 2.18 0.00 | 42.00 1.62 0.00 | 35.38 1.34 0.00 | 26.70 1.02 -0.04 | 25.74 0.92 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.51 0.71 0.00 | 19.86 0.77 0.00 | 20.66 0.98 0.00 | 26.45 1.38 -0.41 | 41.32 1.78 0.00 | 35.70 1.47 0.00 | 35.47 1.51 0.00 | 35.07 1.33 0.00 | 33.45 1.01 0.00 | 26.03 0.83 0.00 |
| NORTHPORT___3 23553 | 31.59 1.36 -0.68 | 36.04 1.06 -0.40 | 35.20 1.00 -0.79 | 30.65 1.17 -0.21 | 34.42 1.24 -0.61 | 29.55 1.09 0.00 | 34.50 1.47 0.00 | 48.11 1.95 0.00 | 41.73 1.35 0.00 | 35.19 1.15 0.00 | 26.61 0.93 -0.04 | 25.64 0.83 -0.25 | 22.47 0.68 0.00 | 21.03 0.70 0.00 | 20.45 0.65 0.00 | 19.80 0.70 0.00 | 20.60 0.92 0.00 | 26.36 1.29 -0.41 | 41.14 1.60 0.00 | 35.56 1.33 0.00 | 35.35 1.38 0.00 | 34.92 1.18 0.00 | 33.33 0.89 0.00 | 25.96 0.76 0.00 |
| NORTHPORT___4 23650 | 31.59 1.36 -0.68 | 36.04 1.06 -0.40 | 35.20 1.00 -0.79 | 30.65 1.17 -0.21 | 34.42 1.24 -0.61 | 29.55 1.09 0.00 | 34.50 1.47 0.00 | 48.11 1.95 0.00 | 41.73 1.35 0.00 | 35.19 1.15 0.00 | 26.61 0.93 -0.04 | 25.64 0.83 -0.25 | 22.47 0.68 0.00 | 21.03 0.70 0.00 | 20.45 0.65 0.00 | 19.80 0.70 0.00 | 20.60 0.92 0.00 | 26.36 1.29 -0.41 | 41.14 1.60 0.00 | 35.56 1.33 0.00 | 35.35 1.38 0.00 | 34.92 1.18 0.00 | 33.33 0.89 0.00 | 25.96 0.76 0.00 |
| NORTHPORT___IC 23718 | 31.71 1.48 -0.68 | 36.19 1.21 -0.40 | 35.34 1.13 -0.79 | 30.77 1.29 -0.21 | 34.56 1.37 -0.61 | 29.62 1.17 0.00 | 34.62 1.59 0.00 | 48.35 2.19 0.00 | 42.00 1.63 0.00 | 35.38 1.34 0.00 | 26.70 1.02 -0.04 | 25.74 0.92 -0.25 | 22.55 0.76 0.00 | 21.09 0.76 0.00 | 20.51 0.71 0.00 | 19.86 0.77 0.00 | 20.67 0.98 0.00 | 26.45 1.38 -0.41 | 41.32 1.78 0.00 | 35.70 1.47 0.00 | 35.47 1.51 0.00 | 35.07 1.33 0.00 | 33.45 1.01 0.00 | 26.03 0.82 0.00 |
| NORTH___COUNTRY_ESR 323785 | 30.62 1.06 0.00 | 35.93 1.35 0.00 | 34.53 1.12 0.00 | 30.16 0.88 0.00 | 33.45 0.88 0.00 | 28.83 0.38 0.00 | 33.20 0.17 0.00 | 46.32 0.16 0.00 | 40.83 0.46 0.00 | 34.43 0.39 0.00 | 26.08 0.44 0.00 | 25.01 0.45 0.00 | 22.09 0.31 0.00 | 20.61 0.31 0.00 | 20.11 0.31 0.00 | 19.34 0.24 0.00 | 19.85 0.16 0.00 | 25.03 0.38 0.00 | 40.37 0.82 0.00 | 34.45 0.23 0.00 | 34.26 0.29 0.00 | 34.31 0.57 0.00 | 33.38 0.93 0.00 | 25.98 0.78 0.00 |
| NPX_GEN_1385_PROXY 323591 | 31.33 1.10 -0.68 | 35.76 0.78 -0.40 | 35.06 0.85 -0.79 | 30.52 1.04 -0.21 | 34.29 1.11 -0.61 | 29.30 0.84 0.00 | 34.30 1.26 0.00 | 48.45 1.69 -0.60 | 41.80 1.43 0.00 | 35.28 1.24 0.00 | 26.37 0.69 -0.04 | 25.57 0.76 -0.25 | 22.32 0.54 0.00 | 20.86 0.54 0.00 | 20.28 0.48 0.00 | 19.63 0.54 0.00 | 20.35 0.66 0.00 | 26.23 1.16 -0.41 | 41.05 1.51 0.00 | 35.24 1.02 0.00 | 35.03 1.06 0.00 | 34.56 0.82 0.00 | 33.06 0.61 0.00 | 25.69 0.49 0.00 |
| NPX_GEN_CSC 323557 | 31.76 1.53 -0.68 | 36.23 1.25 -0.40 | 35.36 1.16 -0.79 | 30.78 1.30 -0.21 | 34.56 1.38 -0.61 | 29.45 0.99 0.00 | 34.31 1.28 0.00 | 48.60 1.83 -0.60 | 42.18 1.80 0.00 | 35.51 1.47 0.00 | 26.84 1.16 -0.04 | 25.81 1.00 -0.25 | 22.61 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.91 0.82 0.00 | 20.77 1.08 0.00 | 26.58 1.50 -0.41 | 41.22 1.67 0.00 | 35.52 1.29 0.00 | 35.31 1.35 0.00 | 34.99 1.25 0.00 | 33.17 0.72 0.00 | 25.77 0.57 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 30.03 1.09 0.62 | 35.46 1.25 0.37 | 33.86 1.17 0.72 | 30.09 1.02 0.19 | 33.04 1.02 0.56 | 29.48 1.02 0.00 | 34.24 1.21 0.00 | 47.96 1.79 0.00 | 42.21 1.83 0.00 | 35.65 1.61 0.00 | 26.79 1.18 0.04 | 25.33 1.00 0.23 | 22.55 0.76 0.00 | 20.98 0.65 0.00 | 20.35 0.55 0.00 | 19.62 0.52 0.00 | 20.34 0.65 0.00 | 25.73 1.08 0.00 | 41.51 1.96 0.00 | 36.21 1.99 0.00 | 35.91 1.94 0.00 | 35.44 1.70 0.00 | 33.72 1.28 0.00 | 26.03 0.83 0.00 |
| NUCOR_STEEL___DRP 24197 | 29.75 0.19 0.00 | 34.79 0.21 0.00 | 33.70 0.29 0.00 | 29.54 0.27 0.00 | 32.80 0.22 0.00 | 28.80 0.35 0.00 | 33.46 0.44 0.00 | 46.53 0.37 0.00 | 40.73 0.35 0.00 | 34.38 0.34 0.00 | 25.95 0.31 0.00 | 24.79 0.23 0.00 | 21.99 0.21 0.00 | 20.42 0.10 0.00 | 19.87 0.06 0.00 | 19.19 0.09 0.00 | 19.77 0.08 0.00 | 24.72 0.07 0.00 | 39.82 0.27 0.00 | 34.57 0.35 0.00 | 34.21 0.25 0.00 | 33.88 0.14 0.00 | 32.54 0.10 0.00 | 25.35 0.15 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 30.20 0.65 0.00 | 35.29 0.71 0.00 | 33.84 0.43 0.00 | 29.35 0.08 0.00 | 32.41 -0.17 0.00 | 28.43 -0.03 0.00 | 33.13 0.10 0.00 | 46.60 0.44 0.00 | 41.07 0.69 0.00 | 34.61 0.57 0.00 | 26.15 0.50 0.00 | 24.97 0.40 0.00 | 22.02 0.24 0.00 | 20.43 0.10 0.00 | 19.80 -0.01 0.00 | 19.02 -0.08 0.00 | 19.60 -0.09 0.00 | 24.73 0.08 0.00 | 40.28 0.73 0.00 | 35.39 1.17 0.00 | 35.13 1.16 0.00 | 34.76 1.02 0.00 | 33.32 0.87 0.00 | 25.70 0.50 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 29.55 0.00 0.00 | 34.58 0.00 0.00 | 33.42 0.00 0.00 | 29.27 0.00 0.00 | 32.57 0.00 0.00 | 28.46 0.00 0.00 | 33.03 0.00 0.00 | 46.17 0.00 0.00 | 40.38 0.00 0.00 | 34.04 0.00 0.00 | 25.64 0.00 0.00 | 24.56 0.00 0.00 | 21.78 0.00 0.00 | 20.33 0.00 0.00 | 19.80 0.00 0.00 | 19.09 0.00 0.00 | 19.68 0.00 0.00 | 24.66 0.00 0.00 | 39.55 0.00 0.00 | 34.23 0.00 0.00 | 33.97 0.00 0.00 | 33.74 0.00 0.00 | 32.44 0.00 0.00 | 25.20 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 32.02 1.79 -0.68 | 36.54 1.56 -0.40 | 35.66 1.46 -0.79 | 31.04 1.55 -0.21 | 34.86 1.68 -0.61 | 29.89 1.43 0.00 | 34.92 1.89 0.00 | 48.81 2.65 0.00 | 42.45 2.08 0.00 | 35.69 1.65 0.00 | 26.91 1.22 -0.04 | 25.90 1.09 -0.25 | 22.70 0.91 0.00 | 21.23 0.90 0.00 | 20.65 0.84 0.00 | 20.00 0.90 0.00 | 20.83 1.14 0.00 | 26.68 1.61 -0.41 | 41.74 2.19 0.00 | 36.12 1.90 0.00 | 35.92 1.95 0.00 | 35.49 1.76 0.00 | 33.81 1.37 0.00 | 26.28 1.08 0.00 |
| NYPA_GOWANUS___GT5 24156 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |
| NYPA_GOWANUS___GT6 24157 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.71 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.41 0.00 | 35.69 1.47 0.00 | 35.57 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |

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| NYPA_HARLEM__RVR__GT1 24160 | 31.45 1.21 -0.68 | 35.96 0.98 -0.40 | 35.10 0.90 -0.79 | 30.56 1.07 -0.22 | 34.31 1.13 -0.61 | 29.53 1.07 -0.01 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.85 1.47 0.00 | 35.47 1.43 0.00 | 26.71 1.02 -0.04 | 25.70 0.89 -0.25 | 22.54 0.76 0.00 | 21.10 0.77 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.57 0.89 0.00 | 25.72 1.07 0.00 | 40.91 1.36 0.00 | 35.67 1.44 0.00 | 35.50 1.53 0.00 | 35.19 1.45 0.00 | 33.65 1.21 0.00 | 26.17 0.97 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 31.45 1.21 -0.68 | 35.96 0.98 -0.40 | 35.10 0.90 -0.79 | 30.56 1.07 -0.22 | 34.31 1.13 -0.61 | 29.53 1.07 -0.01 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.85 1.47 0.00 | 35.47 1.43 0.00 | 26.71 1.02 -0.04 | 25.70 0.89 -0.25 | 22.54 0.76 0.00 | 21.10 0.77 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.57 0.89 0.00 | 25.72 1.07 0.00 | 40.91 1.36 0.00 | 35.67 1.44 0.00 | 35.50 1.53 0.00 | 35.19 1.45 0.00 | 33.65 1.21 0.00 | 26.17 0.97 0.00 |
| NYPA_KENT____GT 24152 | 31.56 1.32 -0.68 | 36.03 1.05 -0.40 | 35.18 0.97 -0.79 | 30.69 1.20 -0.22 | 34.47 1.29 -0.61 | 29.65 1.19 -0.01 | 34.60 1.57 0.00 | 48.33 2.16 0.00 | 41.96 1.58 0.00 | 35.51 1.47 0.00 | 26.77 1.09 -0.04 | 25.75 0.94 -0.25 | 22.58 0.80 0.00 | 21.12 0.80 0.00 | 20.57 0.77 0.00 | 19.88 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.99 1.44 0.00 | 35.71 1.49 0.00 | 35.58 1.61 0.00 | 35.26 1.52 0.00 | 33.76 1.31 0.00 | 26.24 1.04 0.00 |
| NYPA_POUCH1____GT 24155 | 31.60 1.37 -0.68 | 35.99 1.01 -0.40 | 35.17 0.97 -0.79 | 30.78 1.29 -0.22 | 34.60 1.41 -0.61 | 29.76 1.30 -0.01 | 34.69 1.66 0.00 | 48.18 2.01 0.00 | 41.77 1.39 0.00 | 35.43 1.39 0.00 | 26.74 1.05 -0.04 | 25.71 0.89 -0.25 | 22.53 0.75 0.00 | 21.09 0.76 0.00 | 20.54 0.73 0.00 | 19.84 0.76 0.00 | 20.59 0.90 0.00 | 25.76 1.11 0.00 | 40.81 1.27 0.00 | 35.57 1.35 0.00 | 35.47 1.51 0.00 | 35.21 1.47 0.00 | 33.74 1.30 0.00 | 26.24 1.03 0.00 |
| NYPA_VERNON____GT2 24162 | 31.53 1.29 -0.68 | 36.02 1.04 -0.40 | 35.17 0.96 -0.79 | 30.66 1.17 -0.22 | 34.45 1.26 -0.61 | 29.63 1.16 -0.01 | 34.58 1.55 0.00 | 48.35 2.19 0.00 | 41.97 1.59 0.00 | 35.52 1.48 0.00 | 26.78 1.09 -0.04 | 25.77 0.95 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.57 0.77 0.00 | 19.88 0.79 0.00 | 20.61 0.93 0.00 | 25.80 1.14 0.00 | 41.02 1.47 0.00 | 35.74 1.51 0.00 | 35.58 1.61 0.00 | 35.25 1.51 0.00 | 33.74 1.30 0.00 | 26.22 1.02 0.00 |
| NYPA_VERNON____GT3 24163 | 31.53 1.29 -0.68 | 36.02 1.04 -0.40 | 35.17 0.96 -0.79 | 30.66 1.17 -0.22 | 34.45 1.26 -0.61 | 29.63 1.16 -0.01 | 34.58 1.55 0.00 | 48.35 2.19 0.00 | 41.97 1.59 0.00 | 35.52 1.48 0.00 | 26.78 1.09 -0.04 | 25.77 0.95 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.57 0.77 0.00 | 19.88 0.79 0.00 | 20.61 0.93 0.00 | 25.80 1.14 0.00 | 41.02 1.47 0.00 | 35.74 1.51 0.00 | 35.58 1.61 0.00 | 35.25 1.51 0.00 | 33.74 1.30 0.00 | 26.22 1.02 0.00 |
| NYPA__ASTORIA_CC1 323568 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.63 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.75 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.71 1.49 0.00 | 35.55 1.59 0.00 | 35.24 1.50 0.00 | 33.71 1.27 0.00 | 26.20 0.99 0.00 |
| NYPA__ASTORIA_CC2 323569 | 31.50 1.26 -0.68 | 36.00 1.02 -0.40 | 35.14 0.94 -0.79 | 30.63 1.15 -0.22 | 34.42 1.23 -0.61 | 29.62 1.16 -0.01 | 34.56 1.53 0.00 | 48.31 2.14 0.00 | 41.95 1.57 0.00 | 35.51 1.47 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.58 0.79 0.00 | 21.11 0.78 0.00 | 20.56 0.75 0.00 | 19.87 0.78 0.00 | 20.60 0.91 0.00 | 25.78 1.12 0.00 | 40.98 1.43 0.00 | 35.71 1.49 0.00 | 35.55 1.59 0.00 | 35.24 1.50 0.00 | 33.71 1.27 0.00 | 26.20 0.99 0.00 |
| NYPA__HOLTSVILL 23794 | 31.81 1.58 -0.68 | 36.29 1.31 -0.40 | 35.43 1.23 -0.79 | 30.83 1.35 -0.21 | 34.62 1.44 -0.61 | 29.64 1.18 0.00 | 34.61 1.58 0.00 | 48.38 2.21 0.00 | 42.20 1.82 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.79 0.00 | 21.13 0.80 0.00 | 20.54 0.74 0.00 | 19.88 0.79 0.00 | 20.72 1.03 0.00 | 26.52 1.45 -0.41 | 41.39 1.84 0.00 | 35.80 1.57 0.00 | 35.59 1.62 0.00 | 35.20 1.46 0.00 | 33.49 1.04 0.00 | 26.03 0.83 0.00 |
| NYPA__HELLGATE_GT1 24158 | 31.45 1.21 -0.68 | 35.96 0.98 -0.40 | 35.10 0.90 -0.79 | 30.56 1.07 -0.22 | 34.31 1.13 -0.61 | 29.53 1.07 -0.01 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.83 1.45 0.00 | 35.47 1.43 0.00 | 26.71 1.02 -0.04 | 25.70 0.89 -0.25 | 22.54 0.76 0.00 | 21.10 0.77 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.57 0.89 0.00 | 25.72 1.07 0.00 | 40.91 1.36 0.00 | 35.67 1.44 0.00 | 35.50 1.53 0.00 | 35.18 1.44 0.00 | 33.65 1.21 0.00 | 26.17 0.97 0.00 |
| NYPA__HELLGATE_GT2 24159 | 31.45 1.21 -0.68 | 35.96 0.98 -0.40 | 35.10 0.90 -0.79 | 30.56 1.07 -0.22 | 34.31 1.13 -0.61 | 29.53 1.07 -0.01 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.83 1.45 0.00 | 35.47 1.43 0.00 | 26.71 1.02 -0.04 | 25.70 0.89 -0.25 | 22.54 0.76 0.00 | 21.10 0.77 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.57 0.89 0.00 | 25.72 1.07 0.00 | 40.91 1.36 0.00 | 35.67 1.44 0.00 | 35.50 1.53 0.00 | 35.18 1.44 0.00 | 33.65 1.21 0.00 | 26.17 0.97 0.00 |
| NYS_BARGE__HYD 23848 | 28.88 -0.68 0.00 | 33.76 -0.81 0.00 | 32.89 -0.52 0.00 | 28.71 -0.56 0.00 | 32.21 -0.36 0.00 | 28.18 -0.27 0.00 | 32.23 -0.80 0.00 | 42.69 -1.97 1.50 | 38.65 -1.73 0.00 | 32.71 -1.33 0.00 | 24.83 -0.82 0.00 | 23.78 -0.77 0.00 | 20.95 -0.83 0.00 | 19.45 -0.88 0.00 | 18.99 -0.81 0.00 | 18.30 -0.79 0.00 | 18.80 -0.89 0.00 | 23.36 -1.30 0.00 | 37.22 -2.32 0.00 | 32.43 -1.79 0.00 | 31.85 -2.12 0.00 | 31.25 -2.49 0.00 | 30.46 -1.98 0.00 | 24.12 -1.08 0.00 |
| OAK ORCHARD__HYD 24046 | 29.28 -0.28 0.00 | 34.20 -0.37 0.00 | 33.20 -0.21 0.00 | 29.02 -0.25 0.00 | 32.48 -0.10 0.00 | 28.40 -0.05 0.00 | 32.75 -0.28 0.00 | 44.57 -0.82 0.78 | 39.62 -0.75 0.00 | 33.44 -0.60 0.00 | 25.30 -0.34 0.00 | 24.23 -0.33 0.00 | 21.40 -0.38 0.00 | 19.90 -0.43 0.00 | 19.40 -0.41 0.00 | 18.70 -0.40 0.00 | 19.26 -0.43 0.00 | 24.01 -0.64 0.00 | 38.48 -1.07 0.00 | 33.50 -0.72 0.00 | 33.05 -0.92 0.00 | 32.53 -1.20 0.00 | 31.49 -0.95 0.00 | 24.69 -0.52 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 29.67 0.11 0.00 | 34.61 0.03 0.00 | 33.55 0.14 0.00 | 29.33 0.06 0.00 | 32.73 0.15 0.00 | 28.60 0.14 0.00 | 33.24 0.21 0.00 | 46.47 0.30 0.00 | 40.61 0.24 0.00 | 34.29 0.25 0.00 | 25.83 0.19 0.00 | 24.72 0.16 0.00 | 21.90 0.12 0.00 | 20.36 0.03 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.73 0.04 0.00 | 24.67 0.01 0.00 | 39.63 0.08 0.00 | 34.48 0.26 0.00 | 34.17 0.21 0.00 | 33.81 0.07 0.00 | 32.50 0.05 0.00 | 25.24 0.04 0.00 |
| OCC_CHEM__DRP 24175 | 28.59 -0.97 0.00 | 33.43 -1.15 0.00 | 32.53 -0.88 0.00 | 28.39 -0.88 0.00 | 31.88 -0.70 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 43.55 -2.61 0.00 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.50 -1.14 0.00 | 23.49 -1.07 0.00 | 20.70 -1.09 0.00 | 19.22 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.56 -1.13 0.00 | 23.07 -1.59 0.00 | 36.70 -2.85 0.00 | 31.83 -2.39 0.00 | 31.24 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |

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| OH_GEN_PROXY 24063 | 28.62 -0.94 0.00 | 33.47 -1.11 0.00 | 32.59 -0.82 0.00 | 28.43 -0.84 0.00 | 31.90 -0.67 0.00 | 27.87 -0.58 0.00 | 31.94 -1.09 0.00 | 42.77 -2.27 1.12 | 38.42 -1.96 0.00 | 32.54 -1.50 0.00 | 24.71 -0.93 0.00 | 23.69 -0.87 0.00 | 20.89 -0.90 0.00 | 19.40 -0.92 0.00 | 18.95 -0.85 0.00 | 18.26 -0.83 0.00 | 18.76 -0.93 0.00 | 23.28 -1.37 0.00 | 37.05 -2.50 0.00 | 32.18 -2.05 0.00 | 31.61 -2.36 0.00 | 31.04 -2.70 0.00 | 30.28 -2.17 0.00 | 23.93 -1.27 0.00 |
| OLIN_CORP_DRP 24177 | 28.44 -1.11 0.00 | 33.25 -1.32 0.00 | 32.38 -1.04 0.00 | 28.27 -1.00 0.00 | 31.73 -0.84 0.00 | 27.77 -0.69 0.00 | 31.73 -1.30 0.00 | 43.47 -2.69 0.00 | 38.03 -2.35 0.00 | 32.22 -1.82 0.00 | 24.49 -1.16 0.00 | 23.48 -1.08 0.00 | 20.68 -1.10 0.00 | 19.20 -1.12 0.00 | 18.76 -1.04 0.00 | 18.09 -1.01 0.00 | 18.53 -1.15 0.00 | 23.04 -1.62 0.00 | 36.66 -2.89 0.00 | 31.87 -2.36 0.00 | 31.28 -2.69 0.00 | 30.72 -3.02 0.00 | 29.97 -2.47 0.00 | 23.78 -1.43 0.00 |
| OLIN_CORP_DSASP 323712 | 28.58 -0.98 0.00 | 33.43 -1.15 0.00 | 32.56 -0.85 0.00 | 28.40 -0.87 0.00 | 31.88 -0.69 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 41.89 -2.61 1.66 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.49 -1.15 0.00 | 23.48 -1.09 0.00 | 20.70 -1.09 0.00 | 19.23 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.59 -1.10 0.00 | 23.07 -1.59 0.00 | 36.68 -2.87 0.00 | 31.84 -2.39 0.00 | 31.25 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| ONEIDA_HERK_LFGE 323681 | 30.30 0.74 0.00 | 35.38 0.80 0.00 | 34.07 0.66 0.00 | 29.74 0.47 0.00 | 33.00 0.43 0.00 | 28.91 0.46 0.00 | 33.65 0.62 0.00 | 47.19 1.02 0.00 | 41.37 0.99 0.00 | 34.84 0.80 0.00 | 26.27 0.63 0.00 | 25.09 0.53 0.00 | 22.18 0.40 0.00 | 20.63 0.30 0.00 | 20.03 0.23 0.00 | 19.28 0.19 0.00 | 19.90 0.21 0.00 | 25.04 0.38 0.00 | 40.54 0.99 0.00 | 35.40 1.18 0.00 | 35.14 1.17 0.00 | 34.79 1.05 0.00 | 33.36 0.92 0.00 | 25.82 0.61 0.00 |
| ONEIDA___115KV_TB4 55905 | 30.39 0.84 0.00 | 35.46 0.88 0.00 | 34.27 0.85 0.00 | 29.98 0.71 0.00 | 33.39 0.81 0.00 | 29.22 0.77 0.00 | 33.99 0.96 0.00 | 47.56 1.40 0.00 | 41.59 1.21 0.00 | 34.93 0.89 0.00 | 26.30 0.66 0.00 | 25.14 0.58 0.00 | 22.26 0.47 0.00 | 20.70 0.38 0.00 | 20.13 0.33 0.00 | 19.39 0.30 0.00 | 20.03 0.34 0.00 | 25.15 0.49 0.00 | 40.60 1.06 0.00 | 35.46 1.23 0.00 | 35.19 1.22 0.00 | 34.81 1.07 0.00 | 33.39 0.95 0.00 | 25.90 0.70 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 29.56 0.01 0.00 | 34.51 -0.06 0.00 | 33.41 -0.01 0.00 | 29.24 -0.03 0.00 | 32.60 0.03 0.00 | 28.52 0.06 0.00 | 33.11 0.08 0.00 | 46.23 0.06 0.00 | 40.41 0.03 0.00 | 34.09 0.05 0.00 | 25.69 0.05 0.00 | 24.57 0.02 0.00 | 21.80 0.01 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.05 -0.05 0.00 | 19.65 -0.04 0.00 | 24.55 -0.11 0.00 | 39.40 -0.15 0.00 | 34.26 0.03 0.00 | 33.96 -0.01 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| ONONDAGA___COGEN 23986 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| ONTARIO___LFGE 23819 | 29.78 0.22 0.00 | 34.65 0.07 0.00 | 33.68 0.27 0.00 | 29.45 0.18 0.00 | 32.83 0.26 0.00 | 28.85 0.40 0.00 | 33.33 0.31 0.00 | 46.52 0.35 0.00 | 40.74 0.36 0.00 | 34.42 0.38 0.00 | 26.03 0.39 0.00 | 24.88 0.32 0.00 | 22.00 0.22 0.00 | 20.35 0.03 0.00 | 19.78 -0.03 0.00 | 19.01 -0.08 0.00 | 19.63 -0.06 0.00 | 24.57 -0.09 0.00 | 39.50 -0.05 0.00 | 34.56 0.33 0.00 | 34.22 0.25 0.00 | 33.71 -0.03 0.00 | 32.42 -0.02 0.00 | 25.28 0.08 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 28.96 -0.60 0.00 | 33.82 -0.76 0.00 | 32.97 -0.45 0.00 | 28.81 -0.46 0.00 | 32.30 -0.27 0.00 | 28.29 -0.16 0.00 | 32.39 -0.64 0.00 | 42.67 -1.69 1.80 | 38.99 -1.39 0.00 | 33.04 -1.00 0.00 | 25.15 -0.49 0.00 | 24.13 -0.43 0.00 | 21.27 -0.51 0.00 | 19.75 -0.58 0.00 | 19.29 -0.52 0.00 | 18.58 -0.51 0.00 | 19.09 -0.59 0.00 | 23.71 -0.95 0.00 | 37.73 -1.81 0.00 | 32.77 -1.45 0.00 | 32.05 -1.91 0.00 | 31.27 -2.47 0.00 | 30.45 -1.99 0.00 | 23.98 -1.22 0.00 |
| ORANGEVILLE___ESR 323794 | 28.96 -0.60 0.00 | 33.82 -0.76 0.00 | 32.97 -0.45 0.00 | 28.81 -0.46 0.00 | 32.30 -0.27 0.00 | 28.29 -0.16 0.00 | 32.39 -0.64 0.00 | 42.67 -1.69 1.80 | 38.99 -1.39 0.00 | 33.04 -1.00 0.00 | 25.15 -0.49 0.00 | 24.13 -0.43 0.00 | 21.27 -0.51 0.00 | 19.75 -0.58 0.00 | 19.29 -0.52 0.00 | 18.58 -0.51 0.00 | 19.09 -0.59 0.00 | 23.71 -0.95 0.00 | 37.73 -1.81 0.00 | 32.77 -1.45 0.00 | 32.05 -1.91 0.00 | 31.27 -2.47 0.00 | 30.45 -1.99 0.00 | 23.98 -1.22 0.00 |
| OSWEGATCHIE___HYD 24044 | 29.43 -0.13 0.00 | 34.48 -0.10 0.00 | 33.15 -0.26 0.00 | 28.85 -0.42 0.00 | 31.97 -0.61 0.00 | 27.92 -0.54 0.00 | 32.40 -0.64 0.00 | 45.46 -0.70 0.00 | 39.96 -0.43 0.00 | 33.64 -0.40 0.00 | 25.38 -0.26 0.00 | 24.28 -0.28 0.00 | 21.43 -0.36 0.00 | 19.90 -0.43 0.00 | 19.36 -0.45 0.00 | 18.60 -0.49 0.00 | 19.12 -0.57 0.00 | 24.09 -0.56 0.00 | 39.11 -0.44 0.00 | 34.13 -0.10 0.00 | 33.88 -0.08 0.00 | 33.63 -0.11 0.00 | 32.35 -0.09 0.00 | 25.01 -0.20 0.00 |
| OSWEGO___5 23606 | 29.02 -0.54 0.00 | 33.91 -0.66 0.00 | 32.82 -0.60 0.00 | 28.73 -0.54 0.00 | 32.01 -0.56 0.00 | 27.99 -0.46 0.00 | 32.48 -0.55 0.00 | 45.33 -0.83 0.00 | 39.62 -0.76 0.00 | 33.43 -0.61 0.00 | 25.20 -0.45 0.00 | 24.12 -0.45 0.00 | 21.41 -0.38 0.00 | 19.96 -0.37 0.00 | 19.44 -0.36 0.00 | 18.75 -0.34 0.00 | 19.33 -0.35 0.00 | 24.14 -0.52 0.00 | 38.72 -0.83 0.00 | 33.63 -0.60 0.00 | 33.32 -0.64 0.00 | 33.00 -0.74 0.00 | 31.74 -0.71 0.00 | 24.69 -0.51 0.00 |
| OSWEGO___6 23613 | 29.02 -0.54 0.00 | 33.91 -0.66 0.00 | 32.82 -0.60 0.00 | 28.73 -0.54 0.00 | 32.01 -0.56 0.00 | 27.99 -0.46 0.00 | 32.48 -0.55 0.00 | 45.33 -0.83 0.00 | 39.62 -0.76 0.00 | 33.43 -0.61 0.00 | 25.20 -0.45 0.00 | 24.12 -0.45 0.00 | 21.41 -0.38 0.00 | 19.96 -0.37 0.00 | 19.44 -0.36 0.00 | 18.75 -0.34 0.00 | 19.33 -0.35 0.00 | 24.14 -0.52 0.00 | 38.72 -0.83 0.00 | 33.63 -0.60 0.00 | 33.32 -0.64 0.00 | 33.00 -0.74 0.00 | 31.74 -0.71 0.00 | 24.69 -0.51 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 29.18 -0.37 0.00 | 34.10 -0.48 0.00 | 33.18 -0.24 0.00 | 28.96 -0.31 0.00 | 32.52 -0.05 0.00 | 28.44 -0.02 0.00 | 32.54 -0.49 0.00 | 44.63 -1.54 0.00 | 39.04 -1.34 0.00 | 33.04 -1.00 0.00 | 25.09 -0.56 0.00 | 24.06 -0.51 0.00 | 21.18 -0.60 0.00 | 19.66 -0.67 0.00 | 19.20 -0.60 0.00 | 18.50 -0.59 0.00 | 18.98 -0.70 0.00 | 23.61 -1.05 0.00 | 37.64 -1.91 0.00 | 32.71 -1.52 0.00 | 32.13 -1.84 0.00 | 31.53 -2.21 0.00 | 30.74 -1.70 0.00 | 24.30 -0.90 0.00 |
| OXBOW___BTM 323836 | 28.90 -0.66 0.00 | 33.78 -0.80 0.00 | 32.89 -0.52 0.00 | 28.70 -0.57 0.00 | 32.22 -0.35 0.00 | 28.17 -0.29 0.00 | 32.18 -0.85 0.00 | 42.46 -2.04 1.67 | 38.56 -1.81 0.00 | 32.65 -1.39 0.00 | 24.79 -0.85 0.00 | 23.77 -0.79 0.00 | 20.95 -0.84 0.00 | 19.45 -0.87 0.00 | 19.00 -0.80 0.00 | 18.31 -0.78 0.00 | 18.81 -0.88 0.00 | 23.35 -1.30 0.00 | 37.17 -2.37 0.00 | 32.30 -1.92 0.00 | 31.72 -2.25 0.00 | 31.12 -2.62 0.00 | 30.36 -2.08 0.00 | 24.05 -1.15 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OXBOW____ 24026 | 28.90 -0.65 0.00 | 33.78 -0.79 0.00 | 32.87 -0.55 0.00 | 28.68 -0.59 0.00 | 32.22 -0.36 0.00 | 28.17 -0.29 0.00 | 32.19 -0.84 0.00 | 44.13 -2.04 0.00 | 38.56 -1.81 0.00 | 32.66 -1.39 0.00 | 24.80 -0.84 0.00 | 23.78 -0.78 0.00 | 20.95 -0.84 0.00 | 19.45 -0.88 0.00 | 19.00 -0.80 0.00 | 18.31 -0.78 0.00 | 18.78 -0.91 0.00 | 23.35 -1.30 0.00 | 37.18 -2.37 0.00 | 32.30 -1.93 0.00 | 31.72 -2.25 0.00 | 31.12 -2.61 0.00 | 30.38 -2.07 0.00 | 24.05 -1.16 0.00 |
| OXY_CHEM_DSASP 323612 | 28.59 -0.97 0.00 | 33.43 -1.15 0.00 | 32.53 -0.88 0.00 | 28.39 -0.88 0.00 | 31.88 -0.70 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 43.55 -2.61 0.00 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.50 -1.14 0.00 | 23.49 -1.07 0.00 | 20.70 -1.09 0.00 | 19.22 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.56 -1.13 0.00 | 23.07 -1.59 0.00 | 36.70 -2.85 0.00 | 31.83 -2.39 0.00 | 31.24 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| OZONE_PARK_ESR 323760 | 31.68 1.45 -0.68 | 36.22 1.24 -0.40 | 35.34 1.13 -0.79 | 30.80 1.32 -0.21 | 34.60 1.42 -0.61 | 29.76 1.30 0.00 | 34.76 1.73 0.00 | 48.67 2.50 0.00 | 42.28 1.90 0.00 | 35.72 1.68 0.00 | 26.92 1.24 -0.04 | 25.90 1.09 -0.25 | 22.71 0.92 0.00 | 21.24 0.91 0.00 | 20.67 0.87 0.00 | 20.00 0.90 0.00 | 20.73 1.04 0.00 | 25.96 1.31 0.00 | 41.31 1.77 0.00 | 36.00 1.78 0.00 | 35.83 1.87 0.00 | 35.47 1.74 0.00 | 33.94 1.50 0.00 | 26.37 1.17 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 28.59 -0.97 0.00 | 33.43 -1.15 0.00 | 32.53 -0.88 0.00 | 28.39 -0.88 0.00 | 31.88 -0.70 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 43.55 -2.61 0.00 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.50 -1.14 0.00 | 23.49 -1.07 0.00 | 20.70 -1.09 0.00 | 19.22 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.56 -1.13 0.00 | 23.07 -1.59 0.00 | 36.70 -2.85 0.00 | 31.83 -2.39 0.00 | 31.24 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 28.59 -0.97 0.00 | 33.43 -1.15 0.00 | 32.53 -0.88 0.00 | 28.39 -0.88 0.00 | 31.88 -0.70 0.00 | 27.88 -0.58 0.00 | 31.80 -1.23 0.00 | 43.55 -2.61 0.00 | 38.04 -2.34 0.00 | 32.23 -1.81 0.00 | 24.50 -1.14 0.00 | 23.49 -1.07 0.00 | 20.70 -1.09 0.00 | 19.22 -1.10 0.00 | 18.78 -1.02 0.00 | 18.11 -0.99 0.00 | 18.56 -1.13 0.00 | 23.07 -1.59 0.00 | 36.70 -2.85 0.00 | 31.83 -2.39 0.00 | 31.24 -2.72 0.00 | 30.67 -3.07 0.00 | 29.96 -2.48 0.00 | 23.75 -1.45 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 31.41 1.17 -0.68 | 35.93 0.95 -0.40 | 35.08 0.87 -0.79 | 30.60 1.10 -0.22 | 34.38 1.19 -0.61 | 29.58 1.12 -0.01 | 34.51 1.48 0.00 | 48.23 2.07 0.00 | 41.88 1.50 0.00 | 35.47 1.43 0.00 | 26.69 1.00 -0.04 | 25.68 0.87 -0.25 | 22.52 0.73 0.00 | 21.06 0.74 0.00 | 20.52 0.72 0.00 | 19.82 0.73 0.00 | 20.54 0.85 0.00 | 25.69 1.04 0.00 | 40.87 1.32 0.00 | 35.64 1.41 0.00 | 35.47 1.51 0.00 | 35.14 1.40 0.00 | 33.60 1.16 0.00 | 26.13 0.92 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 31.48 1.24 -0.68 | 36.01 1.04 -0.40 | 35.17 0.97 -0.79 | 30.69 1.20 -0.22 | 34.39 1.21 -0.61 | 29.59 1.12 -0.01 | 34.56 1.53 0.00 | 48.36 2.20 0.00 | 41.96 1.58 0.00 | 35.50 1.46 0.00 | 26.70 1.01 -0.04 | 25.69 0.87 -0.25 | 22.52 0.74 0.00 | 21.07 0.74 0.00 | 20.53 0.73 0.00 | 19.83 0.73 0.00 | 20.54 0.85 0.00 | 25.69 1.04 0.00 | 40.87 1.33 0.00 | 35.69 1.47 0.00 | 35.52 1.55 0.00 | 35.20 1.46 0.00 | 33.65 1.20 0.00 | 26.17 0.96 0.00 |
| PATROON__115KV_TB1 80586 | 29.48 0.52 0.59 | 34.82 0.60 0.35 | 33.27 0.55 0.69 | 29.63 0.55 0.18 | 32.60 0.56 0.53 | 29.03 0.57 0.00 | 33.76 0.73 0.00 | 47.25 1.09 0.00 | 41.31 0.93 0.00 | 34.81 0.77 0.00 | 26.17 0.56 0.04 | 24.84 0.50 0.22 | 22.26 0.47 0.00 | 20.79 0.47 0.00 | 20.22 0.42 0.00 | 19.51 0.42 0.00 | 20.18 0.49 0.00 | 25.38 0.72 0.00 | 40.74 1.20 0.00 | 35.44 1.21 0.00 | 35.20 1.23 0.00 | 34.88 1.14 0.00 | 33.35 0.91 0.00 | 25.84 0.64 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 30.03 0.96 0.48 | 35.37 1.08 0.29 | 33.86 1.01 0.56 | 30.01 0.89 0.15 | 33.14 1.00 0.43 | 29.38 0.92 0.00 | 34.15 1.12 0.00 | 47.79 1.62 0.00 | 41.80 1.42 0.00 | 35.20 1.16 0.00 | 26.43 0.81 0.03 | 25.11 0.72 0.18 | 22.39 0.60 0.00 | 20.86 0.54 0.00 | 20.27 0.47 0.00 | 19.53 0.44 0.00 | 20.19 0.50 0.00 | 25.37 0.71 0.00 | 40.86 1.31 0.00 | 35.57 1.34 0.00 | 35.32 1.35 0.00 | 35.01 1.27 0.00 | 33.51 1.07 0.00 | 25.99 0.79 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 29.81 0.25 0.00 | 34.83 0.25 0.00 | 33.87 0.46 0.00 | 29.56 0.29 0.00 | 33.19 0.62 0.00 | 28.96 0.50 0.00 | 33.28 0.25 0.00 | 45.87 -0.30 0.00 | 40.11 -0.27 0.00 | 33.97 -0.07 0.00 | 25.81 0.16 0.00 | 24.75 0.19 0.00 | 21.80 0.01 0.00 | 20.22 -0.10 0.00 | 19.75 -0.06 0.00 | 19.01 -0.08 0.00 | 19.53 -0.16 0.00 | 24.28 -0.38 0.00 | 38.73 -0.82 0.00 | 33.70 -0.53 0.00 | 33.11 -0.85 0.00 | 32.49 -1.25 0.00 | 31.67 -0.77 0.00 | 24.93 -0.28 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 31.40 1.23 -0.61 | 36.11 1.17 -0.36 | 35.23 1.11 -0.71 | 30.60 1.14 -0.19 | 34.35 1.23 -0.55 | 29.62 1.17 0.00 | 34.60 1.57 0.00 | 48.48 2.32 0.00 | 42.19 1.81 0.00 | 35.52 1.48 0.00 | 26.71 1.03 -0.04 | 25.68 0.89 -0.23 | 22.56 0.77 0.00 | 21.08 0.75 0.00 | 20.50 0.70 0.00 | 19.82 0.73 0.00 | 20.60 0.91 0.00 | 25.86 1.20 0.00 | 41.37 1.83 0.00 | 36.08 1.85 0.00 | 35.87 1.90 0.00 | 35.49 1.75 0.00 | 33.92 1.47 0.00 | 26.29 1.09 0.00 |
| PEEKSKILL____ 23653 | 31.18 0.96 -0.66 | 35.72 0.75 -0.40 | 34.88 0.69 -0.78 | 30.29 0.81 -0.21 | 34.02 0.85 -0.60 | 29.28 0.82 0.00 | 34.20 1.17 0.00 | 47.92 1.76 0.00 | 41.66 1.28 0.00 | 35.10 1.06 0.00 | 26.41 0.73 -0.04 | 25.42 0.61 -0.25 | 22.31 0.52 0.00 | 20.86 0.54 0.00 | 20.29 0.50 0.00 | 19.61 0.52 0.00 | 20.35 0.66 0.00 | 25.51 0.85 0.00 | 40.70 1.15 0.00 | 35.46 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.41 0.97 0.00 | 25.95 0.75 0.00 |
| PGE MADISON__WINDPWR 24146 | 32.19 2.63 0.00 | 37.08 2.51 0.00 | 36.33 2.91 0.00 | 31.75 2.49 0.00 | 35.47 2.90 0.00 | 31.20 2.74 0.00 | 36.13 3.10 0.00 | 50.97 4.48 -0.33 | 44.36 3.99 0.00 | 37.55 3.51 0.00 | 28.23 2.58 0.00 | 26.88 2.33 0.00 | 23.68 1.90 0.00 | 21.92 1.59 0.00 | 21.25 1.44 0.00 | 20.41 1.32 0.00 | 21.18 1.49 0.00 | 26.71 2.05 0.00 | 43.49 3.95 0.00 | 38.01 3.78 0.00 | 37.63 3.66 0.00 | 37.06 3.32 0.00 | 35.46 3.02 0.00 | 27.47 2.27 0.00 |
| PIERCEFIELD__HYD 23852 | 29.25 -0.30 0.00 | 34.38 -0.19 0.00 | 33.15 -0.26 0.00 | 28.94 -0.33 0.00 | 32.15 -0.42 0.00 | 27.95 -0.50 0.00 | 32.31 -0.72 0.00 | 45.19 -0.97 0.00 | 39.67 -0.71 0.00 | 33.40 -0.64 0.00 | 25.19 -0.45 0.00 | 24.15 -0.42 0.00 | 21.34 -0.44 0.00 | 19.86 -0.47 0.00 | 19.40 -0.41 0.00 | 18.65 -0.44 0.00 | 19.12 -0.57 0.00 | 24.03 -0.62 0.00 | 38.79 -0.76 0.00 | 33.49 -0.73 0.00 | 33.24 -0.72 0.00 | 33.14 -0.60 0.00 | 32.02 -0.43 0.00 | 24.83 -0.37 0.00 |
| PINELAWN_CC_1 323563 | 31.86 1.63 -0.68 | 36.37 1.38 -0.40 | 35.50 1.29 -0.79 | 30.88 1.40 -0.21 | 34.68 1.50 -0.61 | 29.77 1.31 0.00 | 34.77 1.74 0.00 | 48.62 2.46 0.00 | 42.24 1.86 0.00 | 35.49 1.45 0.00 | 26.76 1.08 -0.04 | 25.76 0.94 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.53 0.73 0.00 | 19.88 0.79 0.00 | 20.70 1.02 0.00 | 26.51 1.44 -0.41 | 41.52 1.97 0.00 | 36.00 1.77 0.00 | 35.79 1.82 0.00 | 35.36 1.62 0.00 | 33.71 1.27 0.00 | 26.21 1.01 0.00 |

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| PJM_GEN_HTP_PROXY 323702 | 31.36 1.13 -0.68 | 35.87 0.89 -0.40 | 34.99 0.79 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 33.63 1.37 0.78 | 51.86 2.02 -3.68 | 42.07 1.49 -0.20 | 35.35 1.31 0.00 | 26.65 0.97 -0.04 | 25.64 0.82 -0.25 | 22.48 0.69 0.00 | 21.02 0.69 0.00 | 20.46 0.66 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.04 0.00 | 41.49 1.34 -0.60 | 35.60 1.37 0.00 | 35.43 1.47 0.00 | 35.09 1.35 0.00 | 33.58 1.13 0.00 | 26.10 0.90 0.00 |
| PJM_GEN_KEystone 24065 | 30.12 0.20 -0.37 | 34.78 -0.01 -0.22 | 33.90 0.07 -0.43 | 29.51 0.12 -0.11 | 33.14 0.24 -0.33 | 28.66 0.21 0.00 | 32.53 0.28 0.78 | 48.49 0.28 -2.05 | 40.68 0.10 -0.20 | 36.79 0.16 -2.58 | 24.59 0.14 1.20 | 24.81 0.11 -0.13 | 21.82 0.04 0.00 | 20.33 0.00 0.00 | 19.80 0.00 0.00 | 19.08 -0.02 0.00 | 19.75 0.06 0.00 | 24.61 -0.05 0.00 | 39.80 -0.35 -0.60 | 34.15 -0.08 0.00 | 33.82 -0.15 0.00 | 32.20 -0.33 1.21 | 32.67 -0.24 -0.47 | 25.13 -0.07 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 31.55 1.32 -0.68 | 36.04 1.06 -0.40 | 35.18 0.98 -0.79 | 30.60 1.12 -0.21 | 34.37 1.18 -0.61 | 29.52 1.06 0.00 | 33.71 1.45 0.78 | 51.90 2.06 -3.68 | 42.09 1.51 -0.20 | 35.27 1.23 0.00 | 26.60 0.92 -0.04 | 25.63 0.81 -0.25 | 22.47 0.68 0.00 | 21.02 0.70 0.00 | 20.44 0.64 0.00 | 19.79 0.69 0.00 | 20.57 0.89 0.00 | 26.28 1.21 -0.41 | 41.73 1.58 -0.60 | 35.67 1.44 0.00 | 35.47 1.50 0.00 | 35.07 1.33 0.00 | 33.47 1.03 0.00 | 26.03 0.82 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 31.16 0.93 -0.68 | 35.61 0.63 -0.40 | 34.78 0.57 -0.79 | 30.34 0.86 -0.21 | 34.09 0.91 -0.61 | 29.29 0.83 0.00 | 33.44 1.19 0.78 | 51.60 1.76 -3.68 | 41.87 1.29 -0.20 | 35.18 1.14 0.00 | 26.49 0.81 -0.04 | 25.48 0.67 -0.25 | 22.35 0.56 0.00 | 20.91 0.58 0.00 | 20.36 0.56 0.00 | 19.68 0.59 0.00 | 20.42 0.73 0.00 | 25.53 0.88 0.00 | 41.21 1.06 -0.60 | 35.39 1.16 0.00 | 35.21 1.25 0.00 | 34.87 1.13 0.00 | 33.36 0.92 0.00 | 25.95 0.75 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 31.05 1.50 0.00 | 36.42 1.85 0.00 | 35.00 1.59 0.00 | 30.56 1.29 0.00 | 33.85 1.28 0.00 | 29.08 0.63 0.00 | 33.43 0.40 0.00 | 46.60 0.44 0.00 | 41.09 0.71 0.00 | 34.61 0.57 0.00 | 26.25 0.61 0.00 | 25.15 0.59 0.00 | 22.20 0.41 0.00 | 20.74 0.42 0.00 | 20.21 0.41 0.00 | 19.44 0.35 0.00 | 19.97 0.29 0.00 | 25.26 0.60 0.00 | 40.77 1.23 0.00 | 34.62 0.39 0.00 | 34.46 0.50 0.00 | 34.58 0.84 0.00 | 33.78 1.34 0.00 | 26.33 1.13 0.00 |
| PLEASANTVLY__LBMP 24000 | 30.89 0.53 -0.80 | 35.44 0.39 -0.47 | 34.67 0.33 -0.93 | 29.97 0.45 -0.25 | 33.74 0.45 -0.71 | 28.93 0.48 0.00 | 33.76 0.73 0.00 | 47.27 1.11 0.00 | 41.17 0.79 0.00 | 34.69 0.65 0.00 | 26.10 0.41 -0.05 | 25.18 0.32 -0.30 | 22.08 0.30 0.00 | 20.66 0.33 0.00 | 20.10 0.30 0.00 | 19.41 0.32 0.00 | 20.16 0.47 0.00 | 25.29 0.63 0.00 | 40.45 0.90 0.00 | 35.25 1.02 0.00 | 35.05 1.09 0.00 | 34.69 0.95 0.00 | 33.17 0.73 0.00 | 25.73 0.53 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 31.07 0.81 -0.71 | 35.65 0.65 -0.42 | 34.83 0.59 -0.82 | 30.20 0.71 -0.22 | 33.95 0.74 -0.64 | 29.18 0.73 0.00 | 34.05 1.02 0.00 | 47.70 1.54 0.00 | 41.51 1.14 0.00 | 34.98 0.94 0.00 | 26.33 0.64 -0.04 | 25.35 0.53 -0.26 | 22.24 0.46 0.00 | 20.81 0.48 0.00 | 20.24 0.45 0.00 | 19.61 0.52 0.00 | 20.38 0.69 0.00 | 25.52 0.87 0.00 | 40.76 1.21 0.00 | 35.50 1.28 0.00 | 35.32 1.35 0.00 | 34.95 1.21 0.00 | 33.44 1.00 0.00 | 25.95 0.75 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 31.07 0.81 -0.71 | 35.65 0.65 -0.42 | 34.83 0.59 -0.82 | 30.20 0.71 -0.22 | 33.95 0.74 -0.64 | 29.18 0.73 0.00 | 34.05 1.02 0.00 | 47.70 1.54 0.00 | 41.51 1.14 0.00 | 34.98 0.94 0.00 | 26.33 0.64 -0.04 | 25.35 0.53 -0.26 | 22.24 0.46 0.00 | 20.81 0.48 0.00 | 20.24 0.45 0.00 | 19.61 0.52 0.00 | 20.38 0.69 0.00 | 25.52 0.87 0.00 | 40.76 1.21 0.00 | 35.50 1.28 0.00 | 35.32 1.35 0.00 | 34.95 1.21 0.00 | 33.44 1.00 0.00 | 25.95 0.75 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 30.37 0.81 0.00 | 35.27 0.69 0.00 | 34.06 0.64 0.00 | 29.98 0.71 0.00 | 33.33 0.76 0.00 | 29.19 0.74 0.00 | 34.09 1.06 0.00 | 47.75 1.59 0.00 | 41.56 1.18 0.00 | 34.96 0.92 0.00 | 26.23 0.59 0.00 | 25.03 0.47 0.00 | 22.21 0.42 0.00 | 20.76 0.44 0.00 | 20.20 0.40 0.00 | 19.52 0.43 0.00 | 20.28 0.60 0.00 | 25.49 0.83 0.00 | 40.84 1.29 0.00 | 35.62 1.39 0.00 | 35.41 1.45 0.00 | 35.02 1.28 0.00 | 33.48 1.03 0.00 | 25.96 0.75 0.00 |
| POLETTI____ 23519 | 31.37 1.14 -0.68 | 35.87 0.89 -0.40 | 35.00 0.80 -0.79 | 30.53 1.04 -0.21 | 34.31 1.13 -0.61 | 29.50 1.05 0.00 | 34.45 1.42 0.00 | 48.21 2.05 0.00 | 41.87 1.49 0.00 | 35.38 1.34 0.00 | 26.67 0.98 -0.04 | 25.66 0.84 -0.25 | 22.49 0.71 0.00 | 21.04 0.71 0.00 | 20.48 0.68 0.00 | 19.81 0.72 0.00 | 20.55 0.86 0.00 | 25.71 1.05 0.00 | 40.89 1.34 0.00 | 35.61 1.38 0.00 | 35.44 1.47 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| POMONA____ESR 323819 | 31.18 0.99 -0.63 | 35.75 0.80 -0.38 | 34.89 0.73 -0.74 | 30.30 0.83 -0.20 | 34.03 0.89 -0.57 | 29.31 0.85 0.00 | 34.26 1.23 0.00 | 47.99 1.83 0.00 | 41.71 1.33 0.00 | 35.13 1.09 0.00 | 26.41 0.73 -0.04 | 25.41 0.62 -0.24 | 22.31 0.53 0.00 | 20.86 0.54 0.00 | 20.29 0.49 0.00 | 19.60 0.50 0.00 | 20.34 0.66 0.00 | 25.51 0.85 0.00 | 40.68 1.14 0.00 | 35.47 1.24 0.00 | 35.28 1.32 0.00 | 34.92 1.18 0.00 | 33.42 0.98 0.00 | 25.98 0.78 0.00 |
| PORT_JEFF_3 23555 | 31.87 1.64 -0.68 | 36.37 1.38 -0.40 | 35.50 1.29 -0.79 | 30.89 1.41 -0.21 | 34.68 1.50 -0.61 | 29.70 1.24 0.00 | 34.68 1.65 0.00 | 48.47 2.30 0.00 | 42.28 1.90 0.00 | 35.56 1.52 0.00 | 26.81 1.13 -0.04 | 25.80 0.99 -0.25 | 22.60 0.82 0.00 | 21.15 0.83 0.00 | 20.57 0.77 0.00 | 19.91 0.82 0.00 | 20.76 1.07 0.00 | 26.58 1.51 -0.41 | 41.49 1.94 0.00 | 35.88 1.66 0.00 | 35.67 1.71 0.00 | 35.28 1.54 0.00 | 33.56 1.12 0.00 | 26.08 0.88 0.00 |
| PORT_JEFF_4 23616 | 31.87 1.64 -0.68 | 36.37 1.38 -0.40 | 35.50 1.29 -0.79 | 30.89 1.41 -0.21 | 34.68 1.50 -0.61 | 29.70 1.24 0.00 | 34.68 1.65 0.00 | 48.47 2.30 0.00 | 42.28 1.90 0.00 | 35.56 1.52 0.00 | 26.81 1.13 -0.04 | 25.80 0.99 -0.25 | 22.60 0.82 0.00 | 21.15 0.83 0.00 | 20.57 0.77 0.00 | 19.91 0.82 0.00 | 20.76 1.07 0.00 | 26.58 1.51 -0.41 | 41.49 1.94 0.00 | 35.88 1.66 0.00 | 35.67 1.71 0.00 | 35.28 1.54 0.00 | 33.56 1.12 0.00 | 26.08 0.88 0.00 |
| PORT_JEFF_IC 23713 | 31.88 1.65 -0.68 | 36.38 1.41 -0.40 | 35.50 1.30 -0.79 | 30.90 1.42 -0.21 | 34.70 1.52 -0.61 | 29.70 1.24 0.00 | 34.68 1.65 0.00 | 48.48 2.32 0.00 | 42.30 1.92 0.00 | 35.58 1.54 0.00 | 26.82 1.14 -0.04 | 25.81 0.99 -0.25 | 22.61 0.83 0.00 | 21.16 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.60 1.53 -0.41 | 41.51 1.96 0.00 | 35.91 1.68 0.00 | 35.69 1.73 0.00 | 35.29 1.55 0.00 | 33.56 1.12 0.00 | 26.08 0.88 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 32.02 1.79 -0.68 | 36.54 1.56 -0.40 | 35.66 1.46 -0.79 | 31.04 1.55 -0.21 | 34.86 1.68 -0.61 | 29.89 1.43 0.00 | 34.92 1.89 0.00 | 48.81 2.65 0.00 | 42.45 2.08 0.00 | 35.69 1.65 0.00 | 26.91 1.22 -0.04 | 25.90 1.09 -0.25 | 22.70 0.91 0.00 | 21.23 0.90 0.00 | 20.65 0.84 0.00 | 20.00 0.90 0.00 | 20.83 1.14 0.00 | 26.68 1.61 -0.41 | 41.74 2.19 0.00 | 36.12 1.90 0.00 | 35.92 1.95 0.00 | 35.49 1.76 0.00 | 33.81 1.37 0.00 | 26.28 1.08 0.00 |

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| PPL PILGRIM_ST_GT2 24217 | 32.02 1.79 -0.68 | 36.54 1.56 -0.40 | 35.66 1.46 -0.79 | 31.04 1.55 -0.21 | 34.86 1.68 -0.61 | 29.89 1.43 0.00 | 34.92 1.89 0.00 | 48.81 2.65 0.00 | 42.45 2.08 0.00 | 35.69 1.65 0.00 | 26.91 1.22 -0.04 | 25.90 1.09 -0.25 | 22.70 0.91 0.00 | 21.23 0.90 0.00 | 20.65 0.84 0.00 | 20.00 0.90 0.00 | 20.83 1.14 0.00 | 26.68 1.61 -0.41 | 41.74 2.19 0.00 | 36.12 1.90 0.00 | 35.92 1.95 0.00 | 35.49 1.76 0.00 | 33.81 1.37 0.00 | 26.28 1.08 0.00 |
| PPL_SHRM_GT3 24213 | 31.79 1.56 -0.68 | 36.26 1.28 -0.40 | 35.40 1.19 -0.79 | 30.81 1.32 -0.21 | 34.60 1.41 -0.61 | 29.48 1.02 0.00 | 34.35 1.32 0.00 | 48.04 1.88 0.00 | 42.22 1.84 0.00 | 35.54 1.50 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.59 1.52 -0.41 | 41.26 1.72 0.00 | 35.56 1.34 0.00 | 35.36 1.39 0.00 | 35.03 1.29 0.00 | 33.20 0.76 0.00 | 25.80 0.60 0.00 |
| PPL_SHRM_GT4 24214 | 31.79 1.56 -0.68 | 36.26 1.28 -0.40 | 35.40 1.19 -0.79 | 30.81 1.32 -0.21 | 34.60 1.41 -0.61 | 29.48 1.02 0.00 | 34.35 1.32 0.00 | 48.04 1.88 0.00 | 42.22 1.84 0.00 | 35.54 1.50 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.59 1.52 -0.41 | 41.26 1.72 0.00 | 35.56 1.34 0.00 | 35.36 1.39 0.00 | 35.03 1.29 0.00 | 33.20 0.76 0.00 | 25.80 0.60 0.00 |
| PROJECT___ORANGE 1 24174 | 29.36 -0.19 0.00 | 34.28 -0.29 0.00 | 33.18 -0.23 0.00 | 29.05 -0.22 0.00 | 32.38 -0.19 0.00 | 28.34 -0.11 0.00 | 32.88 -0.14 0.00 | 45.89 -0.28 0.00 | 40.11 -0.27 0.00 | 33.83 -0.21 0.00 | 25.51 -0.14 0.00 | 24.41 -0.15 0.00 | 21.66 -0.13 0.00 | 20.18 -0.15 0.00 | 19.65 -0.16 0.00 | 18.95 -0.14 0.00 | 19.55 -0.14 0.00 | 24.38 -0.27 0.00 | 39.08 -0.47 0.00 | 33.97 -0.26 0.00 | 33.66 -0.30 0.00 | 33.29 -0.45 0.00 | 32.03 -0.41 0.00 | 24.94 -0.27 0.00 |
| PROJECT___ORANGE 2 24166 | 29.36 -0.19 0.00 | 34.28 -0.29 0.00 | 33.18 -0.23 0.00 | 29.05 -0.22 0.00 | 32.38 -0.19 0.00 | 28.34 -0.11 0.00 | 32.88 -0.14 0.00 | 45.89 -0.28 0.00 | 40.11 -0.27 0.00 | 33.83 -0.21 0.00 | 25.51 -0.14 0.00 | 24.41 -0.15 0.00 | 21.66 -0.13 0.00 | 20.18 -0.15 0.00 | 19.65 -0.16 0.00 | 18.95 -0.14 0.00 | 19.55 -0.14 0.00 | 24.38 -0.27 0.00 | 39.08 -0.47 0.00 | 33.97 -0.26 0.00 | 33.66 -0.30 0.00 | 33.29 -0.45 0.00 | 32.03 -0.41 0.00 | 24.94 -0.27 0.00 |
| PUCKETT___SOLAR 323809 | 30.23 0.67 0.00 | 35.07 0.49 0.00 | 34.16 0.74 0.00 | 29.87 0.60 0.00 | 33.31 0.74 0.00 | 29.19 0.73 0.00 | 33.86 0.83 0.00 | 47.87 1.21 -0.49 | 41.43 1.05 0.00 | 34.99 0.95 0.00 | 26.29 0.64 0.00 | 25.09 0.53 0.00 | 22.18 0.40 0.00 | 20.56 0.24 0.00 | 19.98 0.18 0.00 | 19.25 0.15 0.00 | 19.93 0.24 0.00 | 25.03 0.37 0.00 | 40.47 0.92 0.00 | 35.30 1.08 0.00 | 34.97 1.01 0.00 | 34.56 0.82 0.00 | 33.15 0.71 0.00 | 25.73 0.53 0.00 |
| PYRITES___HYD 24023 | 29.97 0.42 0.00 | 35.24 0.66 0.00 | 33.99 0.57 0.00 | 29.68 0.41 0.00 | 33.01 0.44 0.00 | 28.71 0.25 0.00 | 33.18 0.15 0.00 | 46.39 0.22 0.00 | 40.61 0.24 0.00 | 34.08 0.04 0.00 | 25.65 0.01 0.00 | 24.57 0.01 0.00 | 21.70 -0.08 0.00 | 20.17 -0.15 0.00 | 19.71 -0.09 0.00 | 18.96 -0.13 0.00 | 19.43 -0.25 0.00 | 24.44 -0.22 0.00 | 39.60 0.05 0.00 | 34.35 0.12 0.00 | 34.10 0.13 0.00 | 33.96 0.22 0.00 | 32.81 0.36 0.00 | 25.42 0.22 0.00 |
| QUAKERRD_115KV_BK1 80622 | 28.63 -0.93 0.00 | 33.44 -1.13 0.00 | 32.43 -0.99 0.00 | 28.35 -0.92 0.00 | 31.70 -0.87 0.00 | 27.74 -0.72 0.00 | 32.03 -1.00 0.00 | 44.44 -1.73 0.00 | 38.86 -1.52 0.00 | 32.81 -1.23 0.00 | 24.82 -0.83 0.00 | 23.76 -0.80 0.00 | 21.00 -0.79 0.00 | 19.53 -0.80 0.00 | 19.02 -0.78 0.00 | 18.34 -0.75 0.00 | 18.89 -0.80 0.00 | 23.59 -1.07 0.00 | 37.84 -1.71 0.00 | 32.90 -1.33 0.00 | 32.48 -1.49 0.00 | 32.01 -1.73 0.00 | 30.92 -1.52 0.00 | 24.18 -1.02 0.00 |
| QUENSBRY_115KV_TB8 356137 | 30.10 1.15 0.61 | 35.54 1.32 0.36 | 33.94 1.24 0.71 | 30.16 1.08 0.19 | 33.11 1.08 0.55 | 29.54 1.09 0.00 | 34.32 1.29 0.00 | 48.06 1.89 0.00 | 42.35 1.97 0.00 | 35.78 1.74 0.04 | 26.88 1.27 0.23 | 25.42 1.08 0.00 | 22.59 0.81 0.00 | 21.01 0.69 0.00 | 20.38 0.58 0.00 | 19.64 0.55 0.00 | 20.36 0.68 0.00 | 25.80 1.14 0.00 | 41.63 2.09 0.00 | 36.34 2.11 0.00 | 36.02 2.06 0.00 | 35.54 1.80 0.00 | 33.78 1.34 0.00 | 26.05 0.85 0.00 |
| RAMAPO___LBMP 323565 | 31.08 0.90 -0.63 | 35.64 0.68 -0.38 | 34.77 0.63 -0.73 | 30.21 0.74 -0.20 | 33.92 0.78 -0.57 | 29.22 0.76 0.00 | 34.14 1.11 0.00 | 47.84 1.67 0.00 | 41.58 1.20 0.00 | 35.03 0.99 0.00 | 26.33 0.65 -0.04 | 25.32 0.53 -0.23 | 22.24 0.45 0.00 | 20.79 0.47 0.00 | 20.22 0.42 0.00 | 19.52 0.43 0.00 | 20.28 0.59 0.00 | 25.41 0.75 0.00 | 40.53 0.98 0.00 | 35.33 1.10 0.00 | 35.15 1.18 0.00 | 34.79 1.05 0.00 | 33.31 0.86 0.00 | 25.89 0.68 0.00 |
| RANKINE____ 23646 | 29.42 -0.14 0.00 | 34.36 -0.21 0.00 | 33.43 0.02 0.00 | 29.19 -0.08 0.00 | 32.76 0.18 0.00 | 28.64 0.18 0.00 | 32.84 -0.19 0.00 | 45.14 -1.03 0.00 | 39.52 -0.86 0.00 | 33.48 -0.56 0.00 | 25.43 -0.22 0.00 | 24.38 -0.18 0.00 | 21.48 -0.31 0.00 | 19.93 -0.39 0.00 | 19.47 -0.34 0.00 | 18.75 -0.34 0.00 | 19.24 -0.45 0.00 | 23.93 -0.73 0.00 | 38.15 -1.40 0.00 | 33.16 -1.07 0.00 | 32.55 -1.42 0.00 | 31.91 -1.83 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| RAVENSWOOD_GT2_1 24244 | 31.37 1.14 -0.68 | 35.89 0.91 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.28 1.10 -0.61 | 29.48 1.02 0.00 | 34.42 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.65 0.97 -0.04 | 25.64 0.83 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.71 0.00 | 20.53 0.84 0.00 | 25.70 1.05 0.00 | 40.90 1.35 0.00 | 35.63 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT2_2 24245 | 31.37 1.14 -0.68 | 35.89 0.91 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.28 1.10 -0.61 | 29.48 1.02 0.00 | 34.42 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.65 0.97 -0.04 | 25.64 0.83 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.71 0.00 | 20.53 0.84 0.00 | 25.70 1.05 0.00 | 40.90 1.35 0.00 | 35.63 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT2_3 24246 | 31.39 1.16 -0.68 | 35.90 0.92 -0.40 | 35.04 0.83 -0.79 | 30.52 1.04 -0.21 | 34.29 1.11 -0.61 | 29.50 1.04 0.00 | 34.43 1.40 0.00 | 48.21 2.05 0.00 | 41.88 1.50 0.00 | 35.38 1.34 0.00 | 26.66 0.98 -0.04 | 25.65 0.84 -0.25 | 22.50 0.72 0.00 | 21.04 0.72 0.00 | 20.49 0.68 0.00 | 19.81 0.72 0.00 | 20.55 0.85 0.00 | 25.71 1.06 0.00 | 40.92 1.37 0.00 | 35.64 1.41 0.00 | 35.47 1.50 0.00 | 35.12 1.38 0.00 | 33.61 1.17 0.00 | 26.12 0.92 0.00 |
| RAVENSWOOD_GT2_4 24247 | 31.39 1.16 -0.68 | 35.90 0.92 -0.40 | 35.04 0.83 -0.79 | 30.52 1.04 -0.21 | 34.29 1.11 -0.61 | 29.50 1.04 0.00 | 34.43 1.40 0.00 | 48.21 2.05 0.00 | 41.88 1.50 0.00 | 35.38 1.34 0.00 | 26.66 0.98 -0.04 | 25.65 0.84 -0.25 | 22.50 0.72 0.00 | 21.04 0.72 0.00 | 20.49 0.68 0.00 | 19.81 0.72 0.00 | 20.55 0.85 0.00 | 25.71 1.06 0.00 | 40.92 1.37 0.00 | 35.64 1.41 0.00 | 35.47 1.50 0.00 | 35.12 1.38 0.00 | 33.61 1.17 0.00 | 26.12 0.92 0.00 |

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| RAVENSWOOD_GT3_1 24248 | 31.38 1.14 -0.68 | 35.89 0.91 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.28 1.10 -0.61 | 29.48 1.02 0.00 | 34.42 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.65 0.97 -0.04 | 25.64 0.83 -0.25 | 22.49 0.71 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.71 0.00 | 20.53 0.84 0.00 | 25.70 1.05 0.00 | 40.90 1.35 0.00 | 35.63 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT3_2 24249 | 31.38 1.14 -0.68 | 35.89 0.91 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.28 1.10 -0.61 | 29.48 1.02 0.00 | 34.42 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.65 0.97 -0.04 | 25.64 0.83 -0.25 | 22.49 0.71 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.71 0.00 | 20.53 0.84 0.00 | 25.70 1.05 0.00 | 40.90 1.35 0.00 | 35.63 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT3_3 24250 | 31.42 1.18 -0.68 | 35.94 0.96 -0.40 | 35.07 0.86 -0.79 | 30.55 1.07 -0.21 | 34.32 1.14 -0.61 | 29.52 1.06 0.00 | 34.46 1.44 0.00 | 48.26 2.09 0.00 | 41.92 1.55 0.00 | 35.42 1.38 0.00 | 26.69 1.00 -0.04 | 25.68 0.87 -0.25 | 22.53 0.74 0.00 | 21.07 0.74 0.00 | 20.51 0.71 0.00 | 19.83 0.74 0.00 | 20.57 0.88 0.00 | 25.74 1.08 0.00 | 40.96 1.42 0.00 | 35.68 1.45 0.00 | 35.50 1.54 0.00 | 35.16 1.42 0.00 | 33.65 1.20 0.00 | 26.15 0.94 0.00 |
| RAVENSWOOD_GT3_4 24251 | 31.42 1.18 -0.68 | 35.94 0.96 -0.40 | 35.07 0.86 -0.79 | 30.55 1.07 -0.21 | 34.32 1.14 -0.61 | 29.52 1.06 0.00 | 34.46 1.44 0.00 | 48.26 2.09 0.00 | 41.92 1.55 0.00 | 35.42 1.38 0.00 | 26.69 1.00 -0.04 | 25.68 0.87 -0.25 | 22.53 0.74 0.00 | 21.07 0.74 0.00 | 20.51 0.71 0.00 | 19.83 0.74 0.00 | 20.57 0.88 0.00 | 25.74 1.08 0.00 | 40.96 1.42 0.00 | 35.68 1.45 0.00 | 35.50 1.54 0.00 | 35.16 1.42 0.00 | 33.65 1.20 0.00 | 26.15 0.94 0.00 |
| RAVENSWOOD_GT_1 23729 | 31.53 1.29 -0.68 | 36.03 1.05 -0.40 | 35.17 0.96 -0.79 | 30.66 1.17 -0.22 | 34.45 1.26 -0.61 | 29.63 1.16 -0.01 | 34.58 1.55 0.00 | 48.35 2.19 0.00 | 41.97 1.59 0.00 | 35.52 1.48 0.00 | 26.78 1.09 -0.04 | 25.76 0.95 -0.25 | 22.59 0.80 0.00 | 21.13 0.80 0.00 | 20.57 0.77 0.00 | 19.88 0.79 0.00 | 20.62 0.93 0.00 | 25.80 1.14 0.00 | 41.01 1.46 0.00 | 35.74 1.51 0.00 | 35.58 1.61 0.00 | 35.25 1.51 0.00 | 33.74 1.30 0.00 | 26.22 1.02 0.00 |
| RAVENSWOOD_GT_10 24258 | 31.37 1.14 -0.68 | 35.88 0.90 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.27 1.09 -0.61 | 29.47 1.02 0.00 | 34.41 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.70 0.00 | 20.53 0.84 0.00 | 25.70 1.04 0.00 | 40.90 1.35 0.00 | 35.62 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_11 24259 | 31.37 1.14 -0.68 | 35.88 0.90 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.27 1.09 -0.61 | 29.47 1.02 0.00 | 34.41 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.70 0.00 | 20.53 0.84 0.00 | 25.70 1.04 0.00 | 40.90 1.35 0.00 | 35.62 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_4 24252 | 31.36 1.13 -0.67 | 35.88 0.90 -0.40 | 35.01 0.81 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 34.41 1.38 0.00 | 48.18 2.02 0.00 | 41.86 1.48 0.00 | 35.35 1.31 0.00 | 26.63 0.95 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.03 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.04 0.00 | 40.90 1.36 0.00 | 35.62 1.40 0.00 | 35.45 1.48 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_5 24254 | 31.36 1.13 -0.67 | 35.88 0.90 -0.40 | 35.01 0.81 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 34.41 1.38 0.00 | 48.18 2.02 0.00 | 41.86 1.48 0.00 | 35.35 1.31 0.00 | 26.63 0.95 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.03 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.04 0.00 | 40.90 1.36 0.00 | 35.62 1.40 0.00 | 35.45 1.48 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_6 24253 | 31.36 1.13 -0.67 | 35.88 0.90 -0.40 | 35.01 0.81 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 34.41 1.38 0.00 | 48.18 2.02 0.00 | 41.86 1.48 0.00 | 35.35 1.31 0.00 | 26.63 0.95 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.03 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.04 0.00 | 40.90 1.36 0.00 | 35.62 1.40 0.00 | 35.45 1.48 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_7 24255 | 31.36 1.13 -0.67 | 35.88 0.90 -0.40 | 35.01 0.81 -0.79 | 30.50 1.02 -0.21 | 34.26 1.08 -0.61 | 29.47 1.02 0.00 | 34.41 1.38 0.00 | 48.18 2.02 0.00 | 41.86 1.48 0.00 | 35.35 1.31 0.00 | 26.63 0.95 -0.04 | 25.63 0.82 -0.25 | 22.48 0.70 0.00 | 21.03 0.70 0.00 | 20.47 0.67 0.00 | 19.79 0.70 0.00 | 20.53 0.84 0.00 | 25.69 1.04 0.00 | 40.90 1.36 0.00 | 35.62 1.40 0.00 | 35.45 1.48 0.00 | 35.10 1.36 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 31.37 1.14 -0.68 | 35.88 0.90 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.27 1.09 -0.61 | 29.47 1.02 0.00 | 34.41 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.70 0.00 | 20.53 0.84 0.00 | 25.70 1.04 0.00 | 40.90 1.35 0.00 | 35.62 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD_GT_9 24257 | 31.37 1.14 -0.68 | 35.88 0.90 -0.40 | 35.03 0.82 -0.79 | 30.51 1.03 -0.21 | 34.27 1.09 -0.61 | 29.47 1.02 0.00 | 34.41 1.39 0.00 | 48.18 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.64 0.96 -0.04 | 25.63 0.82 -0.25 | 22.49 0.70 0.00 | 21.03 0.71 0.00 | 20.47 0.67 0.00 | 19.80 0.70 0.00 | 20.53 0.84 0.00 | 25.70 1.04 0.00 | 40.90 1.35 0.00 | 35.62 1.40 0.00 | 35.46 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD___1 23533 | 31.46 1.22 -0.68 | 35.95 0.97 -0.40 | 35.08 0.88 -0.79 | 30.59 1.10 -0.22 | 34.36 1.17 -0.61 | 29.56 1.10 -0.01 | 34.50 1.47 0.00 | 48.26 2.09 0.00 | 41.91 1.53 0.00 | 35.45 1.41 0.00 | 26.72 1.03 -0.04 | 25.70 0.89 -0.25 | 22.54 0.75 0.00 | 21.08 0.75 0.00 | 20.53 0.72 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.74 1.09 0.00 | 40.94 1.39 0.00 | 35.67 1.44 0.00 | 35.51 1.54 0.00 | 35.18 1.44 0.00 | 33.66 1.21 0.00 | 26.16 0.96 0.00 |
| RAVENSWOOD___2 23534 | 31.46 1.22 -0.68 | 35.95 0.97 -0.40 | 35.08 0.88 -0.79 | 30.59 1.10 -0.22 | 34.36 1.17 -0.61 | 29.56 1.10 -0.01 | 34.50 1.47 0.00 | 48.26 2.09 0.00 | 41.91 1.53 0.00 | 35.45 1.41 0.00 | 26.72 1.03 -0.04 | 25.70 0.89 -0.25 | 22.54 0.75 0.00 | 21.08 0.75 0.00 | 20.53 0.72 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.74 1.09 0.00 | 40.94 1.39 0.00 | 35.67 1.44 0.00 | 35.51 1.54 0.00 | 35.18 1.44 0.00 | 33.66 1.21 0.00 | 26.16 0.96 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD___3 23535 | 31.38 1.14 -0.68 | 35.88 0.90 -0.40 | 35.02 0.82 -0.79 | 30.51 1.02 -0.21 | 34.28 1.10 -0.61 | 29.48 1.02 0.00 | 34.42 1.39 0.00 | 48.19 2.02 0.00 | 41.87 1.49 0.00 | 35.36 1.32 0.00 | 26.66 0.97 -0.04 | 25.65 0.83 -0.25 | 22.49 0.71 0.00 | 21.03 0.71 0.00 | 20.48 0.67 0.00 | 19.80 0.71 0.00 | 20.53 0.84 0.00 | 25.71 1.05 0.00 | 40.90 1.36 0.00 | 35.63 1.40 0.00 | 35.45 1.49 0.00 | 35.11 1.37 0.00 | 33.59 1.15 0.00 | 26.10 0.90 0.00 |
| RAVENSWOOD___4 23820 | 31.46 1.22 -0.68 | 35.95 0.97 -0.40 | 35.08 0.88 -0.79 | 30.59 1.10 -0.22 | 34.36 1.17 -0.61 | 29.56 1.10 -0.01 | 34.50 1.47 0.00 | 48.26 2.09 0.00 | 41.91 1.53 0.00 | 35.45 1.41 0.00 | 26.72 1.03 -0.04 | 25.70 0.89 -0.25 | 22.54 0.75 0.00 | 21.08 0.75 0.00 | 20.53 0.72 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.74 1.09 0.00 | 40.94 1.39 0.00 | 35.67 1.44 0.00 | 35.51 1.54 0.00 | 35.18 1.44 0.00 | 33.66 1.21 0.00 | 26.16 0.96 0.00 |
| RCPL_TRUST___DRP 24196 | 31.40 1.17 -0.68 | 35.92 0.94 -0.40 | 35.04 0.83 -0.79 | 30.54 1.05 -0.21 | 34.31 1.13 -0.61 | 29.51 1.05 0.00 | 34.46 1.43 0.00 | 48.25 2.09 0.00 | 41.92 1.54 0.00 | 35.41 1.37 0.00 | 26.69 1.00 -0.04 | 25.67 0.86 -0.25 | 22.51 0.72 0.00 | 21.06 0.73 0.00 | 20.50 0.69 0.00 | 19.83 0.74 0.00 | 20.56 0.87 0.00 | 25.74 1.08 0.00 | 40.94 1.39 0.00 | 35.66 1.43 0.00 | 35.49 1.52 0.00 | 35.14 1.41 0.00 | 33.63 1.18 0.00 | 26.13 0.93 0.00 |
| RED___ROCHESTER 323720 | 29.44 -0.11 0.00 | 34.39 -0.19 0.00 | 33.37 -0.05 0.00 | 29.16 -0.12 0.00 | 32.63 0.06 0.00 | 28.54 0.09 0.00 | 32.92 -0.11 0.00 | 44.80 -0.58 0.78 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.44 -0.20 0.00 | 24.36 -0.20 0.00 | 21.52 -0.26 0.00 | 20.00 -0.32 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.36 -0.33 0.00 | 24.15 -0.51 0.00 | 38.72 -0.83 0.00 | 33.74 -0.49 0.00 | 33.28 -0.68 0.00 | 32.76 -0.98 0.00 | 31.69 -0.75 0.00 | 24.83 -0.37 0.00 |
| REGAN___SOLAR 323812 | 32.75 3.67 0.48 | 38.38 4.09 0.29 | 36.73 3.87 0.56 | 32.46 3.34 0.15 | 35.99 3.85 0.43 | 31.88 3.42 0.00 | 37.14 4.11 0.00 | 52.10 5.94 0.00 | 45.78 5.40 0.00 | 38.63 4.59 0.00 | 28.99 3.37 0.03 | 27.45 3.06 0.18 | 24.22 2.43 0.00 | 22.36 2.04 0.00 | 21.62 1.82 0.00 | 20.75 1.66 0.00 | 21.40 1.72 0.00 | 27.02 2.36 0.00 | 43.92 4.38 0.00 | 38.66 4.43 0.00 | 38.35 4.39 0.00 | 37.98 4.24 0.00 | 36.24 3.80 0.00 | 28.05 2.85 0.00 |
| RENSSELAER___COGEN 23796 | 29.36 0.37 0.56 | 34.66 0.42 0.34 | 33.13 0.37 0.65 | 29.49 0.39 0.17 | 32.46 0.39 0.51 | 28.87 0.42 0.00 | 33.58 0.55 0.00 | 47.01 0.84 0.00 | 41.07 0.69 0.00 | 34.61 0.57 0.00 | 26.01 0.40 0.03 | 24.69 0.34 0.21 | 22.11 0.33 0.00 | 20.66 0.33 0.00 | 20.08 0.28 0.00 | 19.37 0.28 0.00 | 20.03 0.34 0.00 | 25.19 0.53 0.00 | 40.46 0.92 0.00 | 35.20 0.98 0.00 | 34.96 1.00 0.00 | 34.66 0.92 0.00 | 33.16 0.71 0.00 | 25.69 0.49 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 30.94 2.01 0.62 | 36.70 2.49 0.37 | 35.02 2.33 0.72 | 31.27 2.19 0.19 | 34.38 2.36 0.56 | 30.80 2.35 0.00 | 35.68 2.65 0.00 | 50.06 3.90 0.00 | 44.44 4.07 0.00 | 37.59 3.55 0.00 | 28.21 2.61 0.04 | 26.52 2.19 0.23 | 23.32 1.54 0.00 | 21.62 1.29 0.00 | 20.92 1.11 0.00 | 20.17 1.08 0.00 | 21.01 1.33 0.00 | 26.88 2.22 0.00 | 43.59 4.04 0.00 | 38.31 4.08 0.00 | 37.86 3.90 0.00 | 37.20 3.46 0.00 | 35.05 2.61 0.00 | 26.89 1.69 0.00 |
| REVERE_CPPR_DRP 24186 | 30.72 1.17 0.00 | 35.83 1.26 0.00 | 34.58 1.16 0.00 | 30.23 0.96 0.00 | 33.61 1.04 0.00 | 29.45 0.99 0.00 | 34.26 1.24 0.00 | 47.98 1.81 0.00 | 41.98 1.60 0.00 | 35.27 1.23 0.00 | 26.58 0.94 0.00 | 25.39 0.83 0.00 | 22.44 0.66 0.00 | 20.86 0.54 0.00 | 20.26 0.47 0.00 | 19.52 0.43 0.00 | 20.16 0.47 0.00 | 25.37 0.71 0.00 | 41.09 1.54 0.00 | 35.90 1.68 0.00 | 35.63 1.66 0.00 | 35.23 1.50 0.00 | 33.78 1.34 0.00 | 26.19 0.98 0.00 |
| REYNOLDS_115KV_TB3 80639 | 29.12 0.23 0.67 | 34.45 0.28 0.40 | 32.85 0.23 0.79 | 29.34 0.28 0.21 | 32.21 0.25 0.61 | 28.77 0.31 0.00 | 33.45 0.42 0.00 | 46.83 0.66 0.00 | 40.93 0.55 0.00 | 34.48 0.44 0.00 | 25.91 0.30 0.04 | 24.57 0.26 0.25 | 22.06 0.28 0.00 | 20.62 0.30 0.00 | 20.04 0.24 0.00 | 19.34 0.25 0.00 | 19.99 0.30 0.00 | 25.14 0.48 0.00 | 40.38 0.83 0.00 | 35.12 0.89 0.00 | 34.89 0.92 0.00 | 34.58 0.84 0.00 | 33.06 0.62 0.00 | 25.62 0.41 0.00 |
| RIVERBAY____ 323610 | 31.48 1.24 -0.68 | 36.01 1.04 -0.40 | 35.17 0.97 -0.79 | 30.69 1.20 -0.22 | 34.39 1.21 -0.61 | 29.59 1.12 -0.01 | 34.56 1.53 0.00 | 48.36 2.20 0.00 | 41.96 1.58 0.00 | 35.50 1.46 0.00 | 26.70 1.01 -0.04 | 25.69 0.87 -0.25 | 22.52 0.74 0.00 | 21.07 0.74 0.00 | 20.53 0.73 0.00 | 19.83 0.73 0.00 | 20.54 0.85 0.00 | 25.69 1.04 0.00 | 40.87 1.33 0.00 | 35.69 1.47 0.00 | 35.52 1.55 0.00 | 35.20 1.46 0.00 | 33.65 1.20 0.00 | 26.17 0.96 0.00 |
| RIVERSDE_115KV_TB3 55908 | 29.29 0.35 0.62 | 34.61 0.41 0.37 | 33.04 0.35 0.72 | 29.46 0.38 0.19 | 32.39 0.38 0.56 | 28.87 0.42 0.00 | 33.57 0.54 0.00 | 47.00 0.83 0.00 | 41.08 0.70 0.00 | 34.61 0.57 0.00 | 26.01 0.41 0.04 | 24.69 0.36 0.23 | 22.13 0.35 0.00 | 20.68 0.36 0.00 | 20.10 0.30 0.00 | 19.40 0.31 0.00 | 20.05 0.37 0.00 | 25.22 0.56 0.00 | 40.50 0.95 0.00 | 35.24 1.01 0.00 | 35.00 1.04 0.00 | 34.69 0.95 0.00 | 33.17 0.73 0.00 | 25.70 0.50 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 29.58 0.02 0.00 | 34.65 0.07 0.00 | 33.31 -0.10 0.00 | 29.02 -0.25 0.00 | 32.28 -0.29 0.00 | 28.24 -0.21 0.00 | 32.70 -0.33 0.00 | 45.80 -0.36 0.00 | 40.25 -0.13 0.00 | 33.97 -0.07 0.00 | 25.64 -0.01 0.00 | 24.57 0.01 0.00 | 21.78 0.00 0.00 | 20.32 0.00 0.00 | 19.82 0.02 0.00 | 19.10 0.01 0.00 | 19.65 -0.04 0.00 | 24.62 -0.04 0.00 | 39.50 -0.04 0.00 | 34.11 -0.12 0.00 | 33.84 -0.12 0.00 | 33.67 -0.07 0.00 | 32.44 0.00 0.00 | 25.19 -0.01 0.00 |
| ROCHESRG_115KV_T4 355643 | 29.15 -0.40 0.00 | 34.05 -0.52 0.00 | 33.04 -0.38 0.00 | 28.87 -0.39 0.00 | 32.32 -0.25 0.00 | 28.27 -0.18 0.00 | 32.59 -0.44 0.00 | 45.13 -1.04 0.00 | 39.45 -0.93 0.00 | 33.30 -0.74 0.00 | 25.21 -0.43 0.00 | 24.14 -0.42 0.00 | 21.32 -0.46 0.00 | 19.82 -0.50 0.00 | 19.33 -0.48 0.00 | 18.63 -0.46 0.00 | 19.17 -0.52 0.00 | 23.92 -0.74 0.00 | 38.31 -1.24 0.00 | 33.33 -0.90 0.00 | 32.87 -1.09 0.00 | 32.37 -1.37 0.00 | 31.34 -1.10 0.00 | 24.57 -0.63 0.00 |
| ROCHESTER_9_IC 23652 | 29.31 -0.24 0.00 | 34.24 -0.34 0.00 | 33.21 -0.20 0.00 | 29.03 -0.24 0.00 | 32.50 -0.08 0.00 | 28.43 -0.03 0.00 | 32.78 -0.25 0.00 | 45.38 -0.79 0.00 | 39.66 -0.72 0.00 | 33.48 -0.57 0.00 | 25.34 -0.30 0.00 | 24.27 -0.29 0.00 | 21.43 -0.35 0.00 | 19.92 -0.41 0.00 | 19.42 -0.38 0.00 | 18.72 -0.38 0.00 | 19.27 -0.42 0.00 | 24.04 -0.61 0.00 | 38.54 -1.01 0.00 | 33.54 -0.68 0.00 | 33.10 -0.87 0.00 | 32.58 -1.16 0.00 | 31.54 -0.91 0.00 | 24.71 -0.49 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 31.38 1.14 -0.68 | 35.94 0.96 -0.40 | 35.07 0.86 -0.79 | 30.47 0.99 -0.21 | 34.23 1.05 -0.61 | 29.44 0.99 0.00 | 34.39 1.36 0.00 | 48.17 2.01 0.00 | 41.87 1.49 0.00 | 35.32 1.28 0.00 | 26.61 0.92 -0.04 | 25.61 0.79 -0.25 | 22.47 0.69 0.00 | 21.02 0.70 0.00 | 20.46 0.66 0.00 | 19.78 0.68 0.00 | 20.51 0.83 0.00 | 25.69 1.04 0.00 | 40.97 1.43 0.00 | 35.68 1.46 0.00 | 35.51 1.54 0.00 | 35.13 1.40 0.00 | 33.61 1.17 0.00 | 26.10 0.90 0.00 |

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| ROME____115KV_TB2 80656 | 30.72 1.17 0.00 | 35.83 1.26 0.00 | 34.58 1.16 0.00 | 30.23 0.96 0.00 | 33.61 1.04 0.00 | 29.45 0.99 0.00 | 34.26 1.24 0.00 | 47.98 1.81 0.00 | 41.98 1.60 0.00 | 35.27 1.23 0.00 | 26.58 0.94 0.00 | 25.39 0.83 0.00 | 22.44 0.66 0.00 | 20.86 0.54 0.00 | 20.26 0.47 0.00 | 19.52 0.43 0.00 | 20.16 0.47 0.00 | 25.37 0.71 0.00 | 41.09 1.54 0.00 | 35.90 1.68 0.00 | 35.63 1.66 0.00 | 35.23 1.50 0.00 | 33.78 1.34 0.00 | 26.19 0.98 0.00 |
| ROSETON____1 23587 | 30.80 0.60 -0.65 | 35.41 0.44 -0.39 | 34.56 0.39 -0.75 | 29.97 0.50 -0.20 | 33.67 0.52 -0.58 | 28.99 0.53 0.00 | 33.82 0.79 0.00 | 47.37 1.20 0.00 | 41.23 0.86 0.00 | 34.74 0.70 0.00 | 26.14 0.46 -0.04 | 25.16 0.36 -0.24 | 22.10 0.32 0.00 | 20.67 0.35 0.00 | 20.11 0.31 0.00 | 19.42 0.32 0.00 | 20.18 0.49 0.00 | 25.31 0.65 0.00 | 40.46 0.91 0.00 | 35.24 1.01 0.00 | 35.05 1.08 0.00 | 34.69 0.95 0.00 | 33.19 0.75 0.00 | 25.76 0.56 0.00 |
| ROSETON____2 23588 | 30.80 0.60 -0.65 | 35.41 0.44 -0.39 | 34.56 0.39 -0.75 | 29.97 0.50 -0.20 | 33.67 0.52 -0.58 | 28.99 0.53 0.00 | 33.82 0.79 0.00 | 47.37 1.20 0.00 | 41.23 0.86 0.00 | 34.74 0.70 0.00 | 26.14 0.46 -0.04 | 25.16 0.36 -0.24 | 22.10 0.32 0.00 | 20.67 0.35 0.00 | 20.11 0.31 0.00 | 19.42 0.32 0.00 | 20.18 0.49 0.00 | 25.31 0.65 0.00 | 40.46 0.91 0.00 | 35.24 1.01 0.00 | 35.05 1.08 0.00 | 34.69 0.95 0.00 | 33.19 0.75 0.00 | 25.76 0.56 0.00 |
| ROTTDRAM_115KV_TB3 80664 | 29.59 0.51 0.48 | 34.87 0.58 0.29 | 33.40 0.54 0.56 | 29.61 0.49 0.15 | 32.66 0.52 0.43 | 28.96 0.51 0.00 | 33.68 0.65 0.00 | 47.13 0.96 0.00 | 41.23 0.85 0.00 | 34.75 0.71 0.00 | 26.12 0.50 0.03 | 24.83 0.45 0.18 | 22.16 0.38 0.00 | 20.67 0.35 0.00 | 20.10 0.30 0.00 | 19.39 0.29 0.00 | 20.05 0.37 0.00 | 25.18 0.53 0.00 | 40.47 0.92 0.00 | 35.19 0.96 0.00 | 34.93 0.96 0.00 | 34.62 0.89 0.00 | 33.14 0.70 0.00 | 25.69 0.49 0.00 |
| RUSSELL____1 23602 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| RUSSELL____2 23532 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| RUSSELL____3 23549 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| RUSSELL____4 23556 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| RUSSELL____STATION 23914 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| S SALMON____HYD 24043 | 29.31 -0.24 0.00 | 34.23 -0.35 0.00 | 33.06 -0.35 0.00 | 28.89 -0.38 0.00 | 32.09 -0.48 0.00 | 28.09 -0.37 0.00 | 32.57 -0.46 0.00 | 45.58 -0.58 0.00 | 39.88 -0.50 0.00 | 33.65 -0.38 0.00 | 25.42 -0.23 0.00 | 24.29 -0.28 0.00 | 21.51 -0.27 0.00 | 20.03 -0.30 0.00 | 19.44 -0.36 0.00 | 18.73 -0.36 0.00 | 19.29 -0.39 0.00 | 24.15 -0.51 0.00 | 38.89 -0.65 0.00 | 33.99 -0.24 0.00 | 33.71 -0.26 0.00 | 33.39 -0.35 0.00 | 32.11 -0.34 0.00 | 24.90 -0.30 0.00 |
| S.PERRY__115KV_TB1 80734 | 30.34 0.78 0.00 | 35.42 0.84 0.00 | 34.41 1.00 0.00 | 29.94 0.67 0.00 | 33.54 0.97 0.00 | 29.41 0.95 0.00 | 34.05 1.02 0.00 | 47.55 1.39 0.00 | 41.40 1.02 0.00 | 34.56 0.52 0.00 | 26.08 0.43 0.00 | 24.97 0.41 0.00 | 22.07 0.28 0.00 | 20.45 0.12 0.00 | 19.91 0.10 0.00 | 19.15 0.06 0.00 | 19.75 0.06 0.00 | 24.69 0.03 0.00 | 39.83 0.28 0.00 | 35.40 1.18 0.00 | 35.02 1.05 0.00 | 34.40 0.66 0.00 | 33.00 0.55 0.00 | 25.76 0.56 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 29.07 -0.48 0.00 | 33.97 -0.60 0.00 | 33.06 -0.35 0.00 | 28.85 -0.42 0.00 | 32.38 -0.19 0.00 | 28.32 -0.14 0.00 | 32.44 -0.59 0.00 | 44.54 -1.62 0.00 | 38.98 -1.39 0.00 | 33.01 -1.03 0.00 | 25.08 -0.56 0.00 | 24.04 -0.52 0.00 | 21.19 -0.60 0.00 | 19.67 -0.66 0.00 | 19.22 -0.59 0.00 | 18.51 -0.58 0.00 | 18.99 -0.69 0.00 | 23.62 -1.03 0.00 | 37.63 -1.92 0.00 | 32.70 -1.53 0.00 | 32.09 -1.87 0.00 | 31.50 -2.24 0.00 | 30.71 -1.74 0.00 | 24.26 -0.94 0.00 |
| SAWYER__23_KV_LOAD 55526 | 29.07 -0.48 0.00 | 33.97 -0.60 0.00 | 33.06 -0.35 0.00 | 28.85 -0.42 0.00 | 32.38 -0.19 0.00 | 28.32 -0.14 0.00 | 32.44 -0.59 0.00 | 44.54 -1.62 0.00 | 38.98 -1.39 0.00 | 33.01 -1.03 0.00 | 25.08 -0.56 0.00 | 24.04 -0.52 0.00 | 21.19 -0.60 0.00 | 19.67 -0.66 0.00 | 19.22 -0.59 0.00 | 18.51 -0.58 0.00 | 18.99 -0.69 0.00 | 23.62 -1.03 0.00 | 37.63 -1.92 0.00 | 32.70 -1.53 0.00 | 32.09 -1.87 0.00 | 31.50 -2.24 0.00 | 30.71 -1.74 0.00 | 24.26 -0.94 0.00 |
| SELKIRK____I 23801 | 29.71 0.49 0.34 | 34.98 0.61 0.20 | 33.59 0.56 0.39 | 29.71 0.54 0.11 | 32.82 0.55 0.30 | 29.00 0.54 0.00 | 33.73 0.70 0.00 | 47.19 1.03 0.00 | 41.18 0.80 0.00 | 34.68 0.64 0.00 | 26.05 0.43 0.02 | 24.78 0.35 0.13 | 22.08 0.30 0.00 | 20.60 0.27 0.00 | 20.02 0.22 0.00 | 19.31 0.22 0.00 | 19.97 0.29 0.00 | 25.15 0.50 0.00 | 40.52 0.97 0.00 | 35.25 1.02 0.00 | 34.99 1.02 0.00 | 34.68 0.94 0.00 | 33.21 0.76 0.00 | 25.74 0.54 0.00 |
| SELKIRK____II 23799 | 29.49 0.35 0.41 | 34.73 0.39 0.24 | 33.29 0.35 0.47 | 29.50 0.36 0.13 | 32.57 0.36 0.37 | 28.83 0.38 0.00 | 33.54 0.51 0.00 | 46.94 0.77 0.00 | 41.00 0.62 0.00 | 34.54 0.50 0.00 | 25.96 0.34 0.02 | 24.69 0.28 0.15 | 22.05 0.26 0.00 | 20.59 0.27 0.00 | 20.02 0.22 0.00 | 19.31 0.22 0.00 | 19.97 0.29 0.00 | 25.11 0.45 0.00 | 40.34 0.79 0.00 | 35.07 0.85 0.00 | 34.84 0.87 0.00 | 34.52 0.79 0.00 | 33.05 0.61 0.00 | 25.63 0.43 0.00 |

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| SENECA OSWGO___HYD 24041 | 29.12 -0.43 0.00 | 34.01 -0.57 0.00 | 32.93 -0.49 0.00 | 28.82 -0.45 0.00 | 32.13 -0.45 0.00 | 28.10 -0.36 0.00 | 32.62 -0.42 0.00 | 45.52 -0.64 0.00 | 39.78 -0.60 0.00 | 33.54 -0.51 0.00 | 25.27 -0.38 0.00 | 24.19 -0.37 0.00 | 21.46 -0.32 0.00 | 20.01 -0.32 0.00 | 19.47 -0.34 0.00 | 18.78 -0.32 0.00 | 19.37 -0.32 0.00 | 24.19 -0.47 0.00 | 38.84 -0.71 0.00 | 33.80 -0.43 0.00 | 33.50 -0.47 0.00 | 33.13 -0.61 0.00 | 31.85 -0.59 0.00 | 24.77 -0.43 0.00 |
| SENECA___115KV_TB3 355854 | 29.47 -0.09 0.00 | 34.41 -0.16 0.00 | 33.49 0.07 0.00 | 29.24 -0.03 0.00 | 32.82 0.24 0.00 | 28.68 0.23 0.00 | 32.89 -0.14 0.00 | 45.21 -0.95 0.00 | 39.59 -0.79 0.00 | 33.53 -0.51 0.00 | 25.47 -0.18 0.00 | 24.42 -0.14 0.00 | 21.51 -0.27 0.00 | 19.96 -0.37 0.00 | 19.50 -0.31 0.00 | 18.77 -0.32 0.00 | 19.27 -0.42 0.00 | 23.96 -0.69 0.00 | 38.20 -1.35 0.00 | 33.22 -1.00 0.00 | 32.60 -1.37 0.00 | 31.97 -1.77 0.00 | 31.14 -1.30 0.00 | 24.55 -0.65 0.00 |
| SENECA___ENERGY 23797 | 29.44 -0.11 0.00 | 34.34 -0.23 0.00 | 33.32 -0.09 0.00 | 29.17 -0.10 0.00 | 32.51 -0.07 0.00 | 28.52 0.06 0.00 | 33.03 0.00 0.00 | 46.04 -0.12 0.00 | 40.27 -0.11 0.00 | 34.01 -0.02 0.00 | 25.68 0.04 0.00 | 24.56 0.00 0.00 | 21.74 -0.04 0.00 | 20.16 -0.16 0.00 | 19.60 -0.20 0.00 | 18.88 -0.22 0.00 | 19.47 -0.22 0.00 | 24.35 -0.30 0.00 | 39.18 -0.37 0.00 | 34.17 -0.06 0.00 | 33.85 -0.12 0.00 | 33.40 -0.34 0.00 | 32.11 -0.33 0.00 | 25.02 -0.18 0.00 |
| SHOEMAKER___GT 23640 | 30.82 0.70 -0.56 | 35.47 0.56 -0.34 | 34.58 0.51 -0.66 | 30.04 0.59 -0.18 | 33.70 0.62 -0.51 | 29.07 0.61 0.00 | 33.90 0.87 0.00 | 47.48 1.32 0.00 | 41.29 0.92 0.00 | 34.73 0.69 0.00 | 26.11 0.44 -0.03 | 25.11 0.34 -0.21 | 22.07 0.29 0.00 | 20.62 0.30 0.00 | 20.06 0.26 0.00 | 19.36 0.27 0.00 | 20.10 0.41 0.00 | 25.23 0.57 0.00 | 40.40 0.85 0.00 | 35.20 0.97 0.00 | 35.00 1.03 0.00 | 34.67 0.93 0.00 | 33.19 0.75 0.00 | 25.78 0.58 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 30.81 0.70 -0.56 | 35.45 0.54 -0.33 | 34.57 0.50 -0.65 | 30.02 0.58 -0.17 | 33.69 0.61 -0.50 | 29.05 0.60 0.00 | 33.90 0.87 0.00 | 47.48 1.32 0.00 | 41.31 0.93 0.00 | 34.75 0.71 0.00 | 26.13 0.45 -0.03 | 25.12 0.35 -0.21 | 22.09 0.31 0.00 | 20.64 0.32 0.00 | 20.08 0.28 0.00 | 19.38 0.28 0.00 | 20.12 0.43 0.00 | 25.23 0.58 0.00 | 40.39 0.84 0.00 | 35.19 0.97 0.00 | 34.99 1.03 0.00 | 34.65 0.91 0.00 | 33.17 0.73 0.00 | 25.77 0.57 0.00 |
| SHOREHAM_IC_1 23715 | 31.79 1.56 -0.68 | 36.26 1.28 -0.40 | 35.40 1.19 -0.79 | 30.81 1.32 -0.21 | 34.60 1.41 -0.61 | 29.48 1.02 0.00 | 34.35 1.32 0.00 | 48.04 1.88 0.00 | 42.22 1.84 0.00 | 35.54 1.50 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.59 1.52 -0.41 | 41.26 1.72 0.00 | 35.56 1.34 0.00 | 35.36 1.39 0.00 | 35.03 1.29 0.00 | 33.20 0.76 0.00 | 25.80 0.60 0.00 |
| SHOREHAM_IC_2 23716 | 31.79 1.56 -0.68 | 36.26 1.28 -0.40 | 35.40 1.19 -0.79 | 30.81 1.32 -0.21 | 34.60 1.41 -0.61 | 29.48 1.02 0.00 | 34.35 1.32 0.00 | 48.04 1.88 0.00 | 42.22 1.84 0.00 | 35.54 1.50 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.59 1.52 -0.41 | 41.26 1.72 0.00 | 35.56 1.34 0.00 | 35.36 1.39 0.00 | 35.03 1.29 0.00 | 33.20 0.76 0.00 | 25.80 0.60 0.00 |
| SISSONVILLE___ 23735 | 29.25 -0.30 0.00 | 34.38 -0.19 0.00 | 33.15 -0.26 0.00 | 28.94 -0.33 0.00 | 32.15 -0.42 0.00 | 27.95 -0.50 0.00 | 32.31 -0.72 0.00 | 45.19 -0.97 0.00 | 39.67 -0.71 0.00 | 33.40 -0.64 0.00 | 25.19 -0.45 0.00 | 24.15 -0.42 0.00 | 21.34 -0.44 0.00 | 19.86 -0.47 0.00 | 19.40 -0.41 0.00 | 18.65 -0.44 0.00 | 19.12 -0.57 0.00 | 24.03 -0.62 0.00 | 38.79 -0.76 0.00 | 33.49 -0.73 0.00 | 33.24 -0.72 0.00 | 33.14 -0.60 0.00 | 32.02 -0.43 0.00 | 24.83 -0.37 0.00 |
| SITHE_IND_GS1 24169 | 28.80 -0.75 0.00 | 33.66 -0.92 0.00 | 32.57 -0.84 0.00 | 28.51 -0.76 0.00 | 31.77 -0.80 0.00 | 27.78 -0.67 0.00 | 32.23 -0.80 0.00 | 44.98 -1.18 0.00 | 39.34 -1.04 0.00 | 33.17 -0.88 0.00 | 25.01 -0.64 0.00 | 23.93 -0.63 0.00 | 21.26 -0.52 0.00 | 19.84 -0.49 0.00 | 19.33 -0.48 0.00 | 18.64 -0.45 0.00 | 19.22 -0.47 0.00 | 23.97 -0.69 0.00 | 38.44 -1.11 0.00 | 33.38 -0.85 0.00 | 33.08 -0.89 0.00 | 32.76 -0.98 0.00 | 31.50 -0.94 0.00 | 24.51 -0.69 0.00 |
| SITHE_IND_GS2 24170 | 28.80 -0.75 0.00 | 33.66 -0.92 0.00 | 32.57 -0.84 0.00 | 28.51 -0.76 0.00 | 31.77 -0.80 0.00 | 27.78 -0.67 0.00 | 32.23 -0.80 0.00 | 44.98 -1.18 0.00 | 39.34 -1.04 0.00 | 33.17 -0.88 0.00 | 25.01 -0.64 0.00 | 23.93 -0.63 0.00 | 21.26 -0.52 0.00 | 19.84 -0.49 0.00 | 19.33 -0.48 0.00 | 18.64 -0.45 0.00 | 19.22 -0.47 0.00 | 23.97 -0.69 0.00 | 38.44 -1.11 0.00 | 33.38 -0.85 0.00 | 33.08 -0.89 0.00 | 32.76 -0.98 0.00 | 31.50 -0.94 0.00 | 24.51 -0.69 0.00 |
| SITHE_IND_GS3 24171 | 28.80 -0.75 0.00 | 33.66 -0.92 0.00 | 32.57 -0.84 0.00 | 28.51 -0.76 0.00 | 31.77 -0.80 0.00 | 27.78 -0.67 0.00 | 32.23 -0.80 0.00 | 44.98 -1.18 0.00 | 39.34 -1.04 0.00 | 33.17 -0.88 0.00 | 25.01 -0.64 0.00 | 23.93 -0.63 0.00 | 21.26 -0.52 0.00 | 19.84 -0.49 0.00 | 19.33 -0.48 0.00 | 18.64 -0.45 0.00 | 19.22 -0.47 0.00 | 23.97 -0.69 0.00 | 38.44 -1.11 0.00 | 33.38 -0.85 0.00 | 33.08 -0.89 0.00 | 32.76 -0.98 0.00 | 31.50 -0.94 0.00 | 24.51 -0.69 0.00 |
| SITHE_IND_GS4 24172 | 28.80 -0.75 0.00 | 33.66 -0.92 0.00 | 32.57 -0.84 0.00 | 28.51 -0.76 0.00 | 31.77 -0.80 0.00 | 27.78 -0.67 0.00 | 32.23 -0.80 0.00 | 44.98 -1.18 0.00 | 39.34 -1.04 0.00 | 33.17 -0.88 0.00 | 25.01 -0.64 0.00 | 23.93 -0.63 0.00 | 21.26 -0.52 0.00 | 19.84 -0.49 0.00 | 19.33 -0.48 0.00 | 18.64 -0.45 0.00 | 19.22 -0.47 0.00 | 23.97 -0.69 0.00 | 38.44 -1.11 0.00 | 33.38 -0.85 0.00 | 33.08 -0.89 0.00 | 32.76 -0.98 0.00 | 31.50 -0.94 0.00 | 24.51 -0.69 0.00 |
| SITHE___BATAVIA 24024 | 29.66 0.11 0.00 | 34.65 0.07 0.00 | 33.70 0.29 0.00 | 29.43 0.16 0.00 | 33.01 0.44 0.00 | 28.89 0.44 0.00 | 33.16 0.13 0.00 | 44.36 -0.52 1.28 | 39.88 -0.50 0.00 | 33.63 -0.41 0.00 | 25.45 -0.20 0.00 | 24.34 -0.22 0.00 | 21.42 -0.37 0.00 | 19.84 -0.49 0.00 | 19.34 -0.46 0.00 | 18.62 -0.47 0.00 | 19.16 -0.53 0.00 | 23.90 -0.76 0.00 | 38.42 -1.13 0.00 | 33.64 -0.58 0.00 | 33.10 -0.87 0.00 | 32.48 -1.26 0.00 | 31.53 -0.91 0.00 | 24.87 -0.33 0.00 |
| SITHE___INDEPEND 23800 | 28.80 -0.75 0.00 | 33.66 -0.92 0.00 | 32.57 -0.85 0.00 | 28.51 -0.76 0.00 | 31.77 -0.81 0.00 | 27.78 -0.68 0.00 | 32.23 -0.80 0.00 | 44.98 -1.18 0.00 | 39.33 -1.04 0.00 | 33.16 -0.88 0.00 | 25.01 -0.64 0.00 | 23.94 -0.63 0.00 | 21.26 -0.52 0.00 | 19.84 -0.49 0.00 | 19.33 -0.48 0.00 | 18.64 -0.45 0.00 | 19.21 -0.48 0.00 | 23.97 -0.69 0.00 | 38.44 -1.11 0.00 | 33.38 -0.85 0.00 | 33.08 -0.89 0.00 | 32.76 -0.98 0.00 | 31.51 -0.94 0.00 | 24.51 -0.69 0.00 |
| SITHE___MASSENA 23902 | 29.81 0.25 0.00 | 35.04 0.46 0.00 | 33.84 0.43 0.00 | 29.59 0.32 0.00 | 32.91 0.34 0.00 | 28.62 0.17 0.00 | 33.08 0.05 0.00 | 46.19 0.03 0.00 | 40.50 0.13 0.00 | 34.14 0.10 0.00 | 25.76 0.11 0.00 | 24.71 0.15 0.00 | 21.88 0.10 0.00 | 20.40 0.07 0.00 | 19.94 0.14 0.00 | 19.19 0.10 0.00 | 19.68 -0.01 0.00 | 24.66 0.01 0.00 | 39.61 0.07 0.00 | 34.08 -0.14 0.00 | 33.81 -0.16 0.00 | 33.71 -0.03 0.00 | 32.59 0.15 0.00 | 25.31 0.11 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SITHE___OGDNSBRG 24021 | 30.10 0.54 0.00 | 35.39 0.82 0.00 | 34.15 0.74 0.00 | 29.84 0.57 0.00 | 33.20 0.62 0.00 | 28.87 0.42 0.00 | 33.36 0.34 0.00 | 46.63 0.46 0.00 | 40.78 0.41 0.00 | 34.21 0.16 0.00 | 25.74 0.10 0.00 | 24.68 0.11 0.00 | 21.82 0.03 0.00 | 20.29 -0.03 0.00 | 19.84 0.04 0.00 | 19.09 0.00 0.00 | 19.57 -0.12 0.00 | 24.57 -0.09 0.00 | 39.73 0.18 0.00 | 34.47 0.24 0.00 | 34.20 0.24 0.00 | 34.07 0.34 0.00 | 32.92 0.47 0.00 | 25.53 0.32 0.00 |
| SITHE___STERLING 23777 | 30.39 0.83 0.00 | 35.46 0.88 0.00 | 34.27 0.85 0.00 | 29.98 0.71 0.00 | 33.39 0.81 0.00 | 29.22 0.77 0.00 | 33.99 0.96 0.00 | 47.56 1.40 0.00 | 41.59 1.21 0.00 | 34.93 0.89 0.00 | 26.30 0.66 0.00 | 25.14 0.57 0.00 | 22.26 0.47 0.00 | 20.70 0.38 0.00 | 20.13 0.33 0.00 | 19.39 0.30 0.00 | 20.03 0.34 0.00 | 25.15 0.49 0.00 | 40.60 1.05 0.00 | 35.46 1.23 0.00 | 35.19 1.22 0.00 | 34.81 1.07 0.00 | 33.39 0.95 0.00 | 25.90 0.70 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 29.26 -0.29 0.00 | 34.18 -0.40 0.00 | 33.13 -0.29 0.00 | 28.99 -0.28 0.00 | 32.37 -0.20 0.00 | 28.35 -0.11 0.00 | 32.80 -0.23 0.00 | 45.55 -0.61 0.00 | 39.85 -0.52 0.00 | 33.64 -0.40 0.00 | 25.43 -0.21 0.00 | 24.33 -0.23 0.00 | 21.51 -0.27 0.00 | 19.98 -0.35 0.00 | 19.46 -0.34 0.00 | 18.75 -0.34 0.00 | 19.33 -0.36 0.00 | 24.18 -0.48 0.00 | 38.85 -0.70 0.00 | 33.78 -0.45 0.00 | 33.39 -0.58 0.00 | 32.90 -0.83 0.00 | 31.73 -0.71 0.00 | 24.78 -0.42 0.00 |
| SOUTH CAIRO___GT 23612 | 31.14 1.80 0.22 | 36.60 2.15 0.13 | 35.25 2.09 0.25 | 30.98 1.78 0.07 | 34.37 1.99 0.19 | 30.26 1.81 0.00 | 35.19 2.16 0.00 | 49.31 3.15 0.00 | 43.22 2.85 0.00 | 36.39 2.35 0.00 | 27.32 1.69 0.01 | 25.97 1.49 0.08 | 22.91 1.13 0.00 | 21.25 0.92 0.00 | 20.56 0.76 0.00 | 19.82 0.73 0.00 | 20.52 0.83 0.00 | 26.11 1.46 0.00 | 42.35 2.81 0.00 | 37.17 2.95 0.00 | 36.84 2.88 0.00 | 36.42 2.68 0.00 | 34.75 2.31 0.00 | 26.84 1.64 0.00 |
| SOUTH HAMPTN___IC 23720 | 32.06 1.83 -0.68 | 36.58 1.60 -0.40 | 35.72 1.52 -0.79 | 31.10 1.62 -0.21 | 34.94 1.76 -0.61 | 29.84 1.38 0.00 | 34.81 1.78 0.00 | 48.70 2.54 0.00 | 42.72 2.34 0.00 | 35.92 1.88 0.00 | 27.08 1.40 -0.04 | 26.03 1.21 -0.25 | 22.81 1.02 0.00 | 21.34 1.01 0.00 | 20.71 0.91 0.00 | 20.02 0.93 0.00 | 20.88 1.19 0.00 | 26.76 1.69 -0.41 | 41.64 2.09 0.00 | 35.97 1.74 0.00 | 35.77 1.80 0.00 | 35.39 1.65 0.00 | 33.56 1.11 0.00 | 26.07 0.87 0.00 |
| SOUTHDOW__115KV_TB1 355954 | 30.73 1.18 0.00 | 35.83 1.25 0.00 | 34.84 1.42 0.00 | 30.41 1.14 0.00 | 34.16 1.59 0.00 | 29.78 1.33 0.00 | 34.31 1.28 0.00 | 47.42 1.26 0.00 | 41.61 1.24 0.00 | 35.24 1.21 0.00 | 26.73 1.09 0.00 | 25.63 1.07 0.00 | 22.58 0.79 0.00 | 20.89 0.57 0.00 | 20.40 0.60 0.00 | 19.59 0.50 0.00 | 20.15 0.47 0.00 | 25.02 0.36 0.00 | 39.95 0.40 0.00 | 34.80 0.57 0.00 | 34.12 0.16 0.00 | 33.49 -0.25 0.00 | 32.36 -0.09 0.00 | 25.38 0.17 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 32.17 1.94 -0.68 | 36.73 1.75 -0.40 | 35.85 1.65 -0.79 | 31.23 1.75 -0.21 | 35.07 1.89 -0.61 | 29.97 1.51 0.00 | 34.99 1.97 0.00 | 48.97 2.80 0.00 | 42.91 2.54 0.00 | 36.08 2.04 0.00 | 27.16 1.48 -0.04 | 26.11 1.30 -0.25 | 22.91 1.12 0.00 | 21.40 1.07 0.00 | 20.76 0.95 0.00 | 20.05 0.96 0.00 | 20.92 1.24 0.00 | 26.85 1.78 -0.41 | 41.81 2.26 0.00 | 36.15 1.93 0.00 | 35.94 1.97 0.00 | 35.53 1.79 0.00 | 33.68 1.23 0.00 | 26.16 0.96 0.00 |
| SOUTHOLD___IC 23719 | 32.17 1.94 -0.68 | 36.71 1.73 -0.40 | 35.85 1.65 -0.79 | 31.22 1.74 -0.21 | 35.07 1.89 -0.61 | 29.97 1.51 0.00 | 34.99 1.96 0.00 | 48.97 2.80 0.00 | 42.91 2.54 0.00 | 36.07 2.03 0.00 | 27.16 1.48 -0.04 | 26.11 1.30 -0.25 | 22.91 1.12 0.00 | 21.40 1.07 0.00 | 20.76 0.96 0.00 | 20.05 0.96 0.00 | 20.92 1.23 0.00 | 26.85 1.78 -0.41 | 41.81 2.26 0.00 | 36.15 1.92 0.00 | 35.93 1.97 0.00 | 35.53 1.79 0.00 | 33.68 1.23 0.00 | 26.16 0.96 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 31.99 1.76 -0.68 | 36.50 1.53 -0.40 | 35.66 1.46 -0.79 | 31.06 1.58 -0.21 | 34.89 1.71 -0.61 | 29.82 1.36 0.00 | 34.82 1.79 0.00 | 48.71 2.55 0.00 | 42.70 2.32 0.00 | 35.88 1.84 0.00 | 27.03 1.35 -0.04 | 26.01 1.20 -0.25 | 22.84 1.06 0.00 | 21.34 1.01 0.00 | 20.69 0.88 0.00 | 19.96 0.86 0.00 | 20.80 1.11 0.00 | 26.71 1.64 -0.41 | 41.57 2.03 0.00 | 35.95 1.73 0.00 | 35.74 1.78 0.00 | 35.34 1.60 0.00 | 33.49 1.05 0.00 | 26.02 0.82 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 29.95 1.00 0.60 | 35.33 1.12 0.36 | 33.75 1.04 0.71 | 29.96 0.88 0.19 | 32.87 0.85 0.54 | 29.32 0.87 0.00 | 34.06 1.03 0.00 | 47.71 1.55 0.00 | 41.98 1.60 0.00 | 35.45 1.41 0.00 | 26.63 1.02 0.04 | 25.20 0.86 0.22 | 22.43 0.65 0.00 | 20.88 0.55 0.00 | 20.26 0.46 0.00 | 19.52 0.43 0.00 | 20.24 0.55 0.00 | 25.60 0.94 0.00 | 41.28 1.73 0.00 | 36.00 1.78 0.00 | 35.70 1.73 0.00 | 35.26 1.52 0.00 | 33.55 1.10 0.00 | 25.91 0.70 0.00 |
| ST LAWRENCE____ 23600 | 29.54 -0.02 0.00 | 34.72 0.15 0.00 | 33.54 0.12 0.00 | 29.32 0.05 0.00 | 32.62 0.05 0.00 | 28.38 -0.08 0.00 | 32.78 -0.24 0.00 | 45.78 -0.39 0.00 | 40.15 -0.22 0.00 | 33.86 -0.18 0.00 | 25.55 -0.09 0.00 | 24.52 -0.04 0.00 | 21.73 -0.06 0.00 | 20.26 -0.07 0.00 | 19.80 0.00 0.00 | 19.07 -0.03 0.00 | 19.55 -0.13 0.00 | 24.50 -0.16 0.00 | 39.32 -0.23 0.00 | 33.77 -0.45 0.00 | 33.50 -0.46 0.00 | 33.43 -0.31 0.00 | 32.31 -0.13 0.00 | 25.11 -0.10 0.00 |
| STATE_CA_115KV_115_LB 55624 | 29.48 0.52 0.59 | 34.82 0.60 0.35 | 33.27 0.55 0.69 | 29.64 0.56 0.19 | 32.60 0.57 0.53 | 29.03 0.58 0.00 | 33.76 0.74 0.00 | 47.26 1.09 0.00 | 41.31 0.93 0.00 | 34.82 0.78 0.00 | 26.17 0.56 0.04 | 24.84 0.50 0.22 | 22.26 0.47 0.00 | 20.80 0.48 0.00 | 20.22 0.42 0.00 | 19.51 0.42 0.00 | 20.18 0.49 0.00 | 25.38 0.72 0.00 | 40.76 1.22 0.00 | 35.45 1.23 0.00 | 35.20 1.24 0.00 | 34.89 1.15 0.00 | 33.36 0.92 0.00 | 25.84 0.64 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 29.79 0.24 0.00 | 34.81 0.24 0.00 | 33.73 0.32 0.00 | 29.56 0.29 0.00 | 32.83 0.26 0.00 | 28.83 0.38 0.00 | 33.48 0.46 0.00 | 46.59 0.42 0.00 | 40.78 0.40 0.00 | 34.43 0.38 0.00 | 25.98 0.34 0.00 | 24.82 0.26 0.00 | 22.00 0.22 0.00 | 20.43 0.10 0.00 | 19.87 0.07 0.00 | 19.19 0.09 0.00 | 19.78 0.09 0.00 | 24.73 0.08 0.00 | 39.85 0.30 0.00 | 34.61 0.39 0.00 | 34.26 0.29 0.00 | 33.91 0.17 0.00 | 32.57 0.13 0.00 | 25.37 0.16 0.00 |
| STATION 5_MISC_HYD 23604 | 29.31 -0.25 0.00 | 34.24 -0.34 0.00 | 33.24 -0.18 0.00 | 29.04 -0.23 0.00 | 32.50 -0.07 0.00 | 28.43 -0.03 0.00 | 32.78 -0.25 0.00 | 44.59 -0.79 0.78 | 39.67 -0.71 0.00 | 33.48 -0.57 0.00 | 25.33 -0.31 0.00 | 24.26 -0.30 0.00 | 21.43 -0.35 0.00 | 19.92 -0.41 0.00 | 19.42 -0.38 0.00 | 18.72 -0.38 0.00 | 19.28 -0.41 0.00 | 24.04 -0.61 0.00 | 38.53 -1.02 0.00 | 33.55 -0.68 0.00 | 33.10 -0.87 0.00 | 32.58 -1.16 0.00 | 31.53 -0.91 0.00 | 24.71 -0.49 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 29.61 0.05 0.00 | 34.56 -0.01 0.00 | 33.53 0.12 0.00 | 29.32 0.05 0.00 | 32.76 0.19 0.00 | 28.70 0.25 0.00 | 33.17 0.14 0.00 | 46.11 -0.06 0.00 | 40.32 -0.06 0.00 | 34.04 0.00 0.00 | 25.74 0.09 0.00 | 24.63 0.07 0.00 | 21.76 -0.02 0.00 | 20.19 -0.13 0.00 | 19.65 -0.15 0.00 | 18.93 -0.16 0.00 | 19.51 -0.18 0.00 | 24.40 -0.25 0.00 | 39.22 -0.33 0.00 | 34.16 -0.06 0.00 | 33.76 -0.21 0.00 | 33.25 -0.49 0.00 | 32.07 -0.37 0.00 | 25.04 -0.16 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 29.16 -0.39 0.00 | 34.07 -0.51 0.00 | 33.04 -0.38 0.00 | 28.88 -0.39 0.00 | 32.32 -0.26 0.00 | 28.28 -0.18 0.00 | 32.62 -0.41 0.00 | 45.20 -0.97 0.00 | 39.51 -0.87 0.00 | 33.35 -0.69 0.00 | 25.25 -0.40 0.00 | 24.18 -0.38 0.00 | 21.35 -0.43 0.00 | 19.85 -0.48 0.00 | 19.35 -0.46 0.00 | 18.64 -0.45 0.00 | 19.19 -0.49 0.00 | 23.96 -0.69 0.00 | 38.44 -1.11 0.00 | 33.44 -0.78 0.00 | 33.00 -0.96 0.00 | 32.50 -1.24 0.00 | 31.42 -1.02 0.00 | 24.61 -0.60 0.00 |
| STA_56____34_KV_BUS2 355983 | 29.16 -0.39 0.00 | 34.07 -0.51 0.00 | 33.04 -0.38 0.00 | 28.88 -0.39 0.00 | 32.32 -0.26 0.00 | 28.28 -0.18 0.00 | 32.62 -0.41 0.00 | 45.20 -0.97 0.00 | 39.51 -0.87 0.00 | 33.35 -0.69 0.00 | 25.25 -0.40 0.00 | 24.18 -0.38 0.00 | 21.35 -0.43 0.00 | 19.85 -0.48 0.00 | 19.35 -0.46 0.00 | 18.64 -0.45 0.00 | 19.19 -0.49 0.00 | 23.96 -0.69 0.00 | 38.44 -1.11 0.00 | 33.44 -0.78 0.00 | 33.00 -0.96 0.00 | 32.50 -1.24 0.00 | 31.42 -1.02 0.00 | 24.61 -0.60 0.00 |
| STA_67____115KV_BK2 355882 | 29.25 -0.30 0.00 | 34.17 -0.41 0.00 | 33.15 -0.26 0.00 | 28.98 -0.30 0.00 | 32.43 -0.14 0.00 | 28.37 -0.09 0.00 | 32.71 -0.31 0.00 | 45.28 -0.89 0.00 | 39.58 -0.80 0.00 | 33.41 -0.63 0.00 | 25.29 -0.35 0.00 | 24.22 -0.34 0.00 | 21.39 -0.40 0.00 | 19.88 -0.44 0.00 | 19.39 -0.42 0.00 | 18.68 -0.41 0.00 | 19.23 -0.46 0.00 | 23.99 -0.66 0.00 | 38.45 -1.10 0.00 | 33.46 -0.76 0.00 | 33.01 -0.96 0.00 | 32.50 -1.24 0.00 | 31.46 -0.98 0.00 | 24.66 -0.54 0.00 |
| STA_7____115KV_9TRANS 80674 | 29.45 -0.11 0.00 | 34.39 -0.19 0.00 | 33.35 -0.07 0.00 | 29.14 -0.13 0.00 | 32.62 0.05 0.00 | 28.54 0.09 0.00 | 32.92 -0.12 0.00 | 45.59 -0.58 0.00 | 39.83 -0.55 0.00 | 33.61 -0.43 0.00 | 25.45 -0.19 0.00 | 24.37 -0.19 0.00 | 21.52 -0.26 0.00 | 20.00 -0.33 0.00 | 19.50 -0.31 0.00 | 18.79 -0.30 0.00 | 19.34 -0.34 0.00 | 24.15 -0.51 0.00 | 38.73 -0.82 0.00 | 33.74 -0.49 0.00 | 33.28 -0.69 0.00 | 32.76 -0.98 0.00 | 31.70 -0.74 0.00 | 24.83 -0.37 0.00 |
| STA_82____115KV_TB1 80780 | 29.28 -0.28 0.00 | 34.19 -0.38 0.00 | 33.17 -0.24 0.00 | 29.00 -0.28 0.00 | 32.46 -0.12 0.00 | 28.39 -0.06 0.00 | 32.74 -0.29 0.00 | 45.32 -0.85 0.00 | 39.61 -0.76 0.00 | 33.43 -0.61 0.00 | 25.31 -0.34 0.00 | 24.23 -0.33 0.00 | 21.40 -0.39 0.00 | 19.89 -0.44 0.00 | 19.40 -0.41 0.00 | 18.69 -0.40 0.00 | 19.23 -0.45 0.00 | 24.01 -0.65 0.00 | 38.47 -1.07 0.00 | 33.50 -0.73 0.00 | 33.04 -0.93 0.00 | 32.52 -1.22 0.00 | 31.48 -0.97 0.00 | 24.67 -0.53 0.00 |
| STEEL____WIND 323596 | 29.43 -0.12 0.00 | 34.38 -0.19 0.00 | 33.49 0.08 0.00 | 29.23 -0.03 0.00 | 32.79 0.22 0.00 | 28.66 0.21 0.00 | 32.87 -0.16 0.00 | 43.29 -0.99 1.89 | 39.55 -0.82 0.00 | 33.49 -0.55 0.00 | 25.43 -0.21 0.00 | 24.38 -0.18 0.00 | 21.49 -0.30 0.00 | 19.94 -0.39 0.00 | 19.47 -0.33 0.00 | 18.75 -0.34 0.00 | 19.27 -0.41 0.00 | 23.94 -0.72 0.00 | 38.14 -1.41 0.00 | 33.17 -1.06 0.00 | 32.55 -1.41 0.00 | 31.93 -1.81 0.00 | 31.09 -1.35 0.00 | 24.51 -0.69 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 29.67 0.67 0.56 | 35.04 0.80 0.34 | 33.46 0.70 0.65 | 29.78 0.69 0.17 | 32.80 0.74 0.51 | 29.22 0.76 0.00 | 34.01 0.98 0.00 | 47.68 1.51 0.00 | 41.63 1.25 0.00 | 34.99 0.95 0.00 | 26.28 0.67 0.03 | 24.92 0.57 0.21 | 22.29 0.51 0.00 | 20.80 0.48 0.00 | 20.21 0.41 0.00 | 19.50 0.41 0.00 | 20.19 0.50 0.00 | 25.47 0.81 0.00 | 40.97 1.42 0.00 | 35.63 1.41 0.00 | 35.39 1.43 0.00 | 34.99 1.25 0.00 | 33.51 1.06 0.00 | 25.92 0.72 0.00 |
| STEUBEN_REC_LFGE 323667 | 29.96 0.40 0.00 | 35.04 0.46 0.00 | 34.11 0.70 0.00 | 29.63 0.36 0.00 | 33.18 0.61 0.00 | 29.03 0.57 0.00 | 33.56 0.53 0.00 | 47.22 1.05 0.00 | 41.48 1.10 0.00 | 35.10 1.06 0.00 | 26.56 0.92 0.00 | 25.43 0.87 0.00 | 22.45 0.67 0.00 | 20.72 0.40 0.00 | 20.14 0.35 0.00 | 19.34 0.25 0.00 | 19.97 0.29 0.00 | 25.00 0.34 0.00 | 40.37 0.82 0.00 | 35.45 1.23 0.00 | 34.89 0.92 0.00 | 34.21 0.47 0.00 | 32.69 0.25 0.00 | 25.56 0.36 0.00 |
| STILLWATER____SOLAR 323814 | 29.68 0.79 0.67 | 35.10 0.92 0.40 | 33.48 0.84 0.78 | 29.83 0.77 0.21 | 32.78 0.81 0.60 | 29.26 0.81 0.00 | 34.02 0.99 0.00 | 47.63 1.46 0.00 | 41.76 1.38 0.00 | 35.22 1.18 0.00 | 26.46 0.86 0.04 | 25.06 0.75 0.25 | 22.40 0.62 0.00 | 20.87 0.54 0.00 | 20.25 0.45 0.00 | 19.53 0.43 0.00 | 20.23 0.54 0.00 | 25.52 0.87 0.00 | 41.11 1.57 0.00 | 35.80 1.57 0.00 | 35.52 1.56 0.00 | 35.14 1.40 0.00 | 33.55 1.11 0.00 | 25.95 0.75 0.00 |
| STONY____BROOK 24151 | 31.87 1.64 -0.68 | 36.36 1.38 -0.40 | 35.50 1.29 -0.79 | 30.88 1.40 -0.21 | 34.68 1.50 -0.61 | 29.71 1.25 0.00 | 34.70 1.67 0.00 | 48.50 2.33 0.00 | 42.27 1.89 0.00 | 35.55 1.51 0.00 | 26.80 1.12 -0.04 | 25.80 0.99 -0.25 | 22.59 0.81 0.00 | 21.15 0.82 0.00 | 20.56 0.76 0.00 | 19.90 0.81 0.00 | 20.76 1.07 0.00 | 26.59 1.52 -0.41 | 41.54 1.99 0.00 | 35.93 1.70 0.00 | 35.71 1.74 0.00 | 35.31 1.57 0.00 | 33.58 1.14 0.00 | 26.10 0.90 0.00 |
| STURGEON_POOL_HYD 23609 | 30.46 0.58 -0.32 | 35.12 0.35 -0.19 | 34.11 0.32 -0.38 | 29.82 0.45 -0.10 | 33.32 0.46 -0.29 | 28.89 0.43 0.00 | 33.76 0.73 0.00 | 47.29 1.12 0.00 | 41.10 0.72 0.00 | 34.57 0.53 0.00 | 25.95 0.29 -0.02 | 24.89 0.21 -0.12 | 21.96 0.18 0.00 | 20.56 0.24 0.00 | 20.02 0.22 0.00 | 19.34 0.25 0.00 | 20.13 0.44 0.00 | 25.22 0.56 0.00 | 40.28 0.74 0.00 | 35.11 0.88 0.00 | 34.94 0.97 0.00 | 34.57 0.83 0.00 | 33.07 0.63 0.00 | 25.68 0.48 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 30.95 0.82 -0.58 | 35.57 0.65 -0.35 | 34.68 0.59 -0.68 | 30.14 0.69 -0.18 | 33.82 0.72 -0.52 | 29.16 0.71 0.00 | 34.05 1.02 0.00 | 47.70 1.54 0.00 | 41.49 1.11 0.00 | 34.93 0.89 0.00 | 26.26 0.58 -0.03 | 25.26 0.48 -0.21 | 22.20 0.41 0.00 | 20.75 0.42 0.00 | 20.18 0.38 0.00 | 19.49 0.39 0.00 | 20.24 0.55 0.00 | 25.37 0.71 0.00 | 40.53 0.98 0.00 | 35.31 1.09 0.00 | 35.12 1.15 0.00 | 34.77 1.03 0.00 | 33.28 0.83 0.00 | 25.86 0.66 0.00 |
| SWANROAD_115KV_TB1 355699 | 28.45 -1.11 0.00 | 33.26 -1.32 0.00 | 32.38 -1.03 0.00 | 28.27 -1.00 0.00 | 31.74 -0.84 0.00 | 27.78 -0.68 0.00 | 31.73 -1.30 0.00 | 43.47 -2.69 0.00 | 38.01 -2.37 0.00 | 32.21 -1.84 0.00 | 24.48 -1.16 0.00 | 23.47 -1.10 0.00 | 20.67 -1.12 0.00 | 19.19 -1.14 0.00 | 18.75 -1.05 0.00 | 18.07 -1.03 0.00 | 18.51 -1.17 0.00 | 23.02 -1.63 0.00 | 36.64 -2.90 0.00 | 31.86 -2.36 0.00 | 31.28 -2.69 0.00 | 30.71 -3.03 0.00 | 29.97 -2.48 0.00 | 23.78 -1.43 0.00 |
| SYNERGY____BIOGAS 323694 | 29.66 0.11 0.00 | 34.65 0.07 0.00 | 33.70 0.29 0.00 | 29.43 0.16 0.00 | 33.01 0.44 0.00 | 28.89 0.44 0.00 | 33.16 0.13 0.00 | 44.36 -0.52 1.28 | 39.88 -0.50 0.00 | 33.63 -0.41 0.00 | 25.45 -0.20 0.00 | 24.34 -0.22 0.00 | 21.42 -0.37 0.00 | 19.84 -0.49 0.00 | 19.34 -0.46 0.00 | 18.62 -0.47 0.00 | 19.16 -0.53 0.00 | 23.90 -0.76 0.00 | 38.42 -1.13 0.00 | 33.64 -0.58 0.00 | 33.10 -0.87 0.00 | 32.48 -1.26 0.00 | 31.53 -0.91 0.00 | 24.87 -0.33 0.00 |
| SYRACUSE____ENERGY_ST1 323597 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |

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| SYRACUSE___ENERGY_ST2 323598 | 29.53 -0.02 0.00 | 34.49 -0.09 0.00 | 33.38 -0.03 0.00 | 29.23 -0.05 0.00 | 32.57 -0.01 0.00 | 28.51 0.05 0.00 | 33.09 0.06 0.00 | 46.18 0.01 0.00 | 40.37 0.00 0.00 | 34.06 0.01 0.00 | 25.67 0.03 0.00 | 24.56 0.00 0.00 | 21.79 0.00 0.00 | 20.30 -0.03 0.00 | 19.76 -0.05 0.00 | 19.06 -0.03 0.00 | 19.67 -0.02 0.00 | 24.57 -0.09 0.00 | 39.43 -0.12 0.00 | 34.27 0.04 0.00 | 33.95 -0.02 0.00 | 33.58 -0.16 0.00 | 32.29 -0.15 0.00 | 25.12 -0.08 0.00 |
| SYRACUSE___POWER 24017 | 29.53 -0.02 0.00 | 34.47 -0.11 0.00 | 33.36 -0.05 0.00 | 29.20 -0.07 0.00 | 32.56 -0.01 0.00 | 28.49 0.03 0.00 | 33.07 0.04 0.00 | 46.17 0.00 0.00 | 40.35 -0.03 0.00 | 34.03 -0.01 0.00 | 25.65 0.01 0.00 | 24.55 -0.01 0.00 | 21.77 -0.02 0.00 | 20.28 -0.05 0.00 | 19.74 -0.07 0.00 | 19.03 -0.06 0.00 | 19.63 -0.05 0.00 | 24.52 -0.13 0.00 | 39.33 -0.21 0.00 | 34.21 -0.02 0.00 | 33.91 -0.06 0.00 | 33.53 -0.21 0.00 | 32.25 -0.20 0.00 | 25.09 -0.11 0.00 |
| TALLMAN__138KV_BK151 55660 | 31.15 0.97 -0.63 | 35.71 0.76 -0.38 | 34.85 0.70 -0.74 | 30.27 0.81 -0.20 | 34.00 0.86 -0.57 | 29.28 0.82 0.00 | 34.23 1.20 0.00 | 47.96 1.79 0.00 | 41.67 1.30 0.00 | 35.10 1.06 0.00 | 26.39 0.71 -0.04 | 25.38 0.59 -0.23 | 22.29 0.51 0.00 | 20.84 0.52 0.00 | 20.27 0.48 0.00 | 19.57 0.48 0.00 | 20.33 0.64 0.00 | 25.47 0.82 0.00 | 40.64 1.09 0.00 | 35.42 1.20 0.00 | 35.25 1.28 0.00 | 34.87 1.13 0.00 | 33.38 0.93 0.00 | 25.95 0.75 0.00 |
| TEALLAVE_115KV_TB7 355573 | 29.34 -0.21 0.00 | 34.26 -0.31 0.00 | 33.17 -0.25 0.00 | 29.03 -0.24 0.00 | 32.37 -0.20 0.00 | 28.32 -0.14 0.00 | 32.86 -0.16 0.00 | 45.86 -0.31 0.00 | 40.08 -0.30 0.00 | 33.81 -0.23 0.00 | 25.48 -0.16 0.00 | 24.39 -0.17 0.00 | 21.64 -0.15 0.00 | 20.16 -0.16 0.00 | 19.63 -0.17 0.00 | 18.93 -0.16 0.00 | 19.53 -0.16 0.00 | 24.37 -0.29 0.00 | 39.05 -0.50 0.00 | 33.94 -0.28 0.00 | 33.64 -0.33 0.00 | 33.26 -0.47 0.00 | 32.01 -0.43 0.00 | 24.92 -0.28 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 29.20 -0.36 0.00 | 34.11 -0.46 0.00 | 33.18 -0.24 0.00 | 28.98 -0.29 0.00 | 32.53 -0.04 0.00 | 28.48 0.02 0.00 | 32.61 -0.42 0.00 | 44.80 -1.36 0.00 | 39.17 -1.21 0.00 | 33.11 -0.93 0.00 | 25.11 -0.54 0.00 | 24.04 -0.52 0.00 | 21.16 -0.63 0.00 | 19.62 -0.71 0.00 | 19.16 -0.65 0.00 | 18.45 -0.64 0.00 | 18.94 -0.75 0.00 | 23.61 -1.05 0.00 | 37.76 -1.78 0.00 | 32.94 -1.29 0.00 | 32.37 -1.60 0.00 | 31.77 -1.97 0.00 | 30.92 -1.53 0.00 | 24.43 -0.77 0.00 |
| TEMPLE___115KV_TB 2 55572 | 29.36 -0.19 0.00 | 34.28 -0.29 0.00 | 33.18 -0.23 0.00 | 29.05 -0.22 0.00 | 32.38 -0.19 0.00 | 28.34 -0.11 0.00 | 32.88 -0.14 0.00 | 45.89 -0.28 0.00 | 40.11 -0.27 0.00 | 33.83 -0.21 0.00 | 25.51 -0.14 0.00 | 24.41 -0.15 0.00 | 21.66 -0.13 0.00 | 20.18 -0.15 0.00 | 19.65 -0.16 0.00 | 18.95 -0.14 0.00 | 19.55 -0.14 0.00 | 24.38 -0.27 0.00 | 39.08 -0.47 0.00 | 33.97 -0.26 0.00 | 33.66 -0.30 0.00 | 33.29 -0.45 0.00 | 32.03 -0.41 0.00 | 24.94 -0.27 0.00 |
| TIANA____69_KV_BK 1 55817 | 32.03 1.80 -0.68 | 36.55 1.58 -0.40 | 35.69 1.49 -0.79 | 31.07 1.59 -0.21 | 34.89 1.71 -0.61 | 29.79 1.33 0.00 | 34.75 1.72 0.00 | 48.62 2.45 0.00 | 42.63 2.26 0.00 | 35.86 1.82 0.00 | 27.03 1.35 -0.04 | 25.98 1.17 -0.25 | 22.77 0.98 0.00 | 21.30 0.97 0.00 | 20.68 0.88 0.00 | 20.01 0.91 0.00 | 20.87 1.18 0.00 | 26.74 1.67 -0.41 | 41.60 2.05 0.00 | 35.94 1.71 0.00 | 35.74 1.77 0.00 | 35.36 1.63 0.00 | 33.52 1.08 0.00 | 26.05 0.85 0.00 |
| TILDEN___115KV_TB1 80814 | 29.53 -0.02 0.00 | 34.47 -0.11 0.00 | 33.36 -0.05 0.00 | 29.20 -0.07 0.00 | 32.56 -0.01 0.00 | 28.49 0.03 0.00 | 33.07 0.04 0.00 | 46.17 0.00 0.00 | 40.35 -0.03 0.00 | 34.03 -0.01 0.00 | 25.65 0.01 0.00 | 24.55 -0.01 0.00 | 21.77 -0.02 0.00 | 20.28 -0.05 0.00 | 19.74 -0.07 0.00 | 19.03 -0.06 0.00 | 19.63 -0.05 0.00 | 24.52 -0.13 0.00 | 39.33 -0.21 0.00 | 34.21 -0.02 0.00 | 33.91 -0.06 0.00 | 33.53 -0.21 0.00 | 32.25 -0.20 0.00 | 25.09 -0.11 0.00 |
| TRIGEN___CC 323695 | 31.68 1.45 -0.68 | 36.22 1.24 -0.40 | 35.33 1.13 -0.79 | 30.73 1.25 -0.21 | 34.52 1.34 -0.61 | 29.65 1.19 0.00 | 34.64 1.61 0.00 | 48.47 2.30 0.00 | 42.10 1.72 0.00 | 35.45 1.41 0.00 | 26.73 1.04 -0.04 | 25.75 0.94 -0.25 | 22.58 0.80 0.00 | 21.12 0.80 0.00 | 20.55 0.75 0.00 | 19.89 0.80 0.00 | 20.68 0.99 0.00 | 26.39 1.32 -0.41 | 41.34 1.80 0.00 | 35.87 1.65 0.00 | 35.67 1.71 0.00 | 35.27 1.53 0.00 | 33.67 1.22 0.00 | 26.17 0.97 0.00 |
| TRINITY__115KV__ 4 BK 55933 | 29.36 0.37 0.56 | 34.66 0.43 0.34 | 33.14 0.38 0.66 | 29.50 0.40 0.18 | 32.46 0.40 0.51 | 28.89 0.43 0.00 | 33.59 0.56 0.00 | 47.02 0.86 0.00 | 41.10 0.72 0.00 | 34.62 0.58 0.00 | 26.02 0.41 0.03 | 24.71 0.36 0.21 | 22.13 0.35 0.00 | 20.68 0.36 0.00 | 20.10 0.31 0.00 | 19.40 0.31 0.00 | 20.06 0.37 0.00 | 25.22 0.57 0.00 | 40.52 0.97 0.00 | 35.24 1.01 0.00 | 35.00 1.04 0.00 | 34.69 0.95 0.00 | 33.18 0.74 0.00 | 25.71 0.51 0.00 |
| UNION___PROCESSING_DRP 323587 | 29.28 -0.27 0.00 | 34.20 -0.37 0.00 | 33.19 -0.23 0.00 | 29.00 -0.27 0.00 | 32.47 -0.10 0.00 | 28.40 -0.05 0.00 | 32.75 -0.28 0.00 | 45.35 -0.82 0.00 | 39.63 -0.75 0.00 | 33.44 -0.60 0.00 | 25.31 -0.33 0.00 | 24.24 -0.32 0.00 | 21.40 -0.38 0.00 | 19.90 -0.43 0.00 | 19.40 -0.40 0.00 | 18.70 -0.40 0.00 | 19.24 -0.44 0.00 | 24.01 -0.64 0.00 | 38.49 -1.06 0.00 | 33.50 -0.72 0.00 | 33.05 -0.92 0.00 | 32.53 -1.20 0.00 | 31.50 -0.95 0.00 | 24.68 -0.52 0.00 |
| UPPER HUDSON___HYD 24058 | 29.95 1.00 0.60 | 35.33 1.12 0.36 | 33.74 1.04 0.71 | 29.95 0.87 0.19 | 32.87 0.85 0.54 | 29.32 0.87 0.00 | 34.06 1.03 0.00 | 47.71 1.55 0.00 | 41.98 1.60 0.00 | 35.45 1.41 0.00 | 26.63 1.02 0.04 | 25.20 0.86 0.22 | 22.44 0.65 0.00 | 20.88 0.55 0.00 | 20.25 0.46 0.00 | 19.52 0.43 0.00 | 20.23 0.55 0.00 | 25.60 0.94 0.00 | 41.28 1.73 0.00 | 36.00 1.78 0.00 | 35.70 1.74 0.00 | 35.26 1.52 0.00 | 33.55 1.11 0.00 | 25.90 0.70 0.00 |
| UPPER RAQUET___HYD 24056 | 29.25 -0.30 0.00 | 34.39 -0.19 0.00 | 33.15 -0.26 0.00 | 28.94 -0.33 0.00 | 32.15 -0.42 0.00 | 27.95 -0.50 0.00 | 32.31 -0.72 0.00 | 45.19 -0.97 0.00 | 39.67 -0.71 0.00 | 33.40 -0.64 0.00 | 25.19 -0.45 0.00 | 24.15 -0.42 0.00 | 21.34 -0.44 0.00 | 19.86 -0.46 0.00 | 19.40 -0.41 0.00 | 18.65 -0.44 0.00 | 19.12 -0.57 0.00 | 24.03 -0.62 0.00 | 38.80 -0.75 0.00 | 33.49 -0.73 0.00 | 33.24 -0.72 0.00 | 33.14 -0.60 0.00 | 32.02 -0.43 0.00 | 24.83 -0.37 0.00 |
| VALLEY44_115KV_TB2 355964 | 30.00 0.44 0.00 | 35.05 0.47 0.00 | 34.01 0.60 0.00 | 29.71 0.44 0.00 | 33.40 0.82 0.00 | 28.97 0.51 0.00 | 33.42 0.39 0.00 | 46.34 0.17 0.00 | 40.54 0.16 0.00 | 34.40 0.36 0.00 | 26.21 0.57 0.00 | 25.19 0.62 0.00 | 22.17 0.39 0.00 | 20.54 0.21 0.00 | 20.04 0.24 0.00 | 19.24 0.15 0.00 | 19.81 0.13 0.00 | 24.52 -0.14 0.00 | 38.95 -0.60 0.00 | 33.90 -0.32 0.00 | 33.35 -0.61 0.00 | 32.82 -0.92 0.00 | 32.00 -0.44 0.00 | 25.09 -0.11 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 29.43 -0.12 0.00 | 34.31 -0.27 0.00 | 33.08 -0.33 0.00 | 29.02 -0.26 0.00 | 32.41 -0.16 0.00 | 28.41 -0.04 0.00 | 33.10 0.07 0.00 | 46.49 0.33 0.00 | 40.69 0.32 0.00 | 34.31 0.27 0.00 | 25.81 0.17 0.00 | 24.63 0.06 0.00 | 21.78 0.00 0.00 | 20.29 -0.04 0.00 | 19.65 -0.16 0.00 | 18.93 -0.16 0.00 | 19.64 -0.05 0.00 | 24.76 0.10 0.00 | 39.82 0.27 0.00 | 34.77 0.54 0.00 | 34.57 0.60 0.00 | 34.25 0.52 0.00 | 32.77 0.33 0.00 | 25.32 0.12 0.00 |

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| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 30.71 1.02 -0.13 | 35.76 1.10 -0.08 | 34.71 1.14 -0.16 | 30.34 1.02 -0.04 | 33.85 1.16 -0.12 | 29.51 1.06 0.00 | 34.33 1.31 0.00 | 48.07 1.90 0.00 | 41.99 1.61 0.00 | 35.39 1.36 0.00 | 26.62 0.97 -0.01 | 25.47 0.86 -0.05 | 22.49 0.71 0.00 | 20.95 0.62 0.00 | 20.37 0.57 0.00 | 19.64 0.55 0.00 | 20.34 0.65 0.00 | 25.52 0.86 0.00 | 41.04 1.50 0.00 | 35.67 1.45 0.00 | 35.39 1.42 0.00 | 35.05 1.31 0.00 | 33.62 1.17 0.00 | 26.11 0.90 0.00 |
| VISCHER___FERRY HYD 24020 | 29.02 0.28 0.82 | 34.44 0.35 0.49 | 32.73 0.27 0.96 | 29.32 0.31 0.25 | 32.12 0.29 0.73 | 28.81 0.36 0.00 | 33.49 0.46 0.00 | 46.89 0.73 0.00 | 41.07 0.69 0.00 | 34.59 0.55 0.00 | 25.98 0.38 0.05 | 24.58 0.32 0.30 | 22.09 0.30 0.00 | 20.63 0.30 0.00 | 20.04 0.24 0.00 | 19.33 0.24 0.00 | 20.00 0.31 0.00 | 25.18 0.52 0.00 | 40.52 0.97 0.00 | 35.26 1.03 0.00 | 35.02 1.05 0.00 | 34.67 0.93 0.00 | 33.13 0.68 0.00 | 25.65 0.44 0.00 |
| V_A_10_SYNC_DSASP 323832 | 28.75 -0.80 0.00 | 33.61 -0.97 0.00 | 32.68 -0.73 0.00 | 28.54 -0.73 0.00 | 32.00 -0.58 0.00 | 27.96 -0.50 0.00 | 32.11 -0.92 0.00 | 42.92 -1.92 1.33 | 38.71 -1.66 0.00 | 32.76 -1.28 0.00 | 24.86 -0.79 0.00 | 23.82 -0.74 0.00 | 21.02 -0.77 0.00 | 19.53 -0.80 0.00 | 19.06 -0.74 0.00 | 18.36 -0.73 0.00 | 18.89 -0.80 0.00 | 23.47 -1.18 0.00 | 37.41 -2.14 0.00 | 32.51 -1.72 0.00 | 31.97 -1.99 0.00 | 31.43 -2.30 0.00 | 30.57 -1.88 0.00 | 24.10 -1.10 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 29.69 0.13 0.00 | 34.89 0.32 0.00 | 33.70 0.29 0.00 | 29.47 0.20 0.00 | 32.79 0.22 0.00 | 28.53 0.07 0.00 | 32.95 -0.08 0.00 | 46.01 -0.16 0.00 | 40.36 -0.02 0.00 | 34.04 -0.01 0.00 | 25.68 0.04 0.00 | 24.65 0.09 0.00 | 21.83 0.05 0.00 | 20.36 0.03 0.00 | 19.90 0.10 0.00 | 19.16 0.07 0.00 | 19.65 -0.04 0.00 | 24.62 -0.04 0.00 | 39.50 -0.05 0.00 | 33.94 -0.29 0.00 | 33.66 -0.31 0.00 | 33.58 -0.16 0.00 | 32.47 0.02 0.00 | 25.23 0.02 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 31.05 1.49 0.00 | 36.42 1.85 0.00 | 35.00 1.59 0.00 | 30.56 1.29 0.00 | 33.85 1.28 0.00 | 29.08 0.63 0.00 | 33.43 0.41 0.00 | 46.60 0.44 0.00 | 41.09 0.71 0.00 | 34.61 0.57 0.00 | 26.25 0.61 0.00 | 25.15 0.59 0.00 | 22.19 0.41 0.00 | 20.74 0.42 0.00 | 20.21 0.41 0.00 | 19.44 0.35 0.00 | 19.97 0.29 0.00 | 25.26 0.60 0.00 | 40.77 1.23 0.00 | 34.62 0.39 0.00 | 34.46 0.50 0.00 | 34.58 0.84 0.00 | 33.78 1.34 0.00 | 26.33 1.13 0.00 |
| V_D_10_SYNC_DSASP 323841 | 29.81 0.26 0.00 | 35.04 0.47 0.00 | 33.84 0.43 0.00 | 29.59 0.32 0.00 | 32.91 0.34 0.00 | 28.63 0.17 0.00 | 33.08 0.06 0.00 | 46.19 0.03 0.00 | 40.51 0.13 0.00 | 34.15 0.11 0.00 | 25.76 0.11 0.00 | 24.72 0.16 0.00 | 21.89 0.11 0.00 | 20.40 0.07 0.00 | 19.95 0.14 0.00 | 19.20 0.10 0.00 | 19.68 0.00 0.00 | 24.67 0.02 0.00 | 39.63 0.08 0.00 | 34.09 -0.13 0.00 | 33.82 -0.15 0.00 | 33.71 -0.03 0.00 | 32.59 0.15 0.00 | 25.32 0.12 0.00 |
| V_E_10_SYNC_DSASP 323830 | 32.19 2.63 0.00 | 37.08 2.51 0.00 | 36.33 2.91 0.00 | 31.75 2.49 0.00 | 35.47 2.90 0.00 | 31.20 2.74 0.00 | 36.13 3.10 0.00 | 50.97 4.48 -0.33 | 44.36 3.99 0.00 | 37.55 3.51 0.00 | 28.23 2.58 0.00 | 26.88 2.33 0.00 | 23.68 1.90 0.00 | 21.92 1.59 0.00 | 21.25 1.44 0.00 | 20.41 1.32 0.00 | 21.18 1.49 0.00 | 26.71 2.05 0.00 | 43.49 3.95 0.00 | 38.01 3.78 0.00 | 37.63 3.66 0.00 | 37.06 3.32 0.00 | 35.46 3.02 0.00 | 27.47 2.27 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 29.78 0.86 0.64 | 35.19 0.99 0.38 | 33.58 0.91 0.75 | 29.90 0.83 0.20 | 32.87 0.88 0.57 | 29.32 0.86 0.00 | 34.09 1.05 0.00 | 47.72 1.56 0.00 | 41.84 1.46 0.00 | 35.29 1.25 0.00 | 26.51 0.90 0.04 | 25.12 0.80 0.24 | 22.45 0.66 0.00 | 20.92 0.59 0.00 | 20.31 0.51 0.00 | 19.58 0.49 0.00 | 20.28 0.60 0.00 | 25.58 0.92 0.00 | 41.19 1.64 0.00 | 35.86 1.63 0.00 | 35.58 1.62 0.00 | 35.19 1.46 0.00 | 33.61 1.17 0.00 | 26.00 0.80 0.00 |
| V_F_30_SYNC_DSASP 323786 | 29.48 0.52 0.59 | 34.82 0.60 0.35 | 33.27 0.55 0.69 | 29.63 0.55 0.18 | 32.60 0.56 0.53 | 29.03 0.57 0.00 | 33.76 0.73 0.00 | 47.25 1.09 0.00 | 41.31 0.93 0.00 | 34.81 0.77 0.00 | 26.17 0.56 0.04 | 24.84 0.50 0.22 | 22.26 0.47 0.00 | 20.79 0.47 0.00 | 20.22 0.42 0.00 | 19.51 0.42 0.00 | 20.18 0.49 0.00 | 25.38 0.72 0.00 | 40.74 1.20 0.00 | 35.44 1.21 0.00 | 35.20 1.23 0.00 | 34.88 1.14 0.00 | 33.35 0.91 0.00 | 25.84 0.64 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 31.05 1.49 0.00 | 36.42 1.85 0.00 | 35.00 1.59 0.00 | 30.56 1.29 0.00 | 33.85 1.28 0.00 | 29.08 0.63 0.00 | 33.43 0.41 0.00 | 46.60 0.44 0.00 | 41.09 0.71 0.00 | 34.61 0.57 0.00 | 26.25 0.61 0.00 | 25.15 0.59 0.00 | 22.19 0.41 0.00 | 20.74 0.42 0.00 | 20.21 0.41 0.00 | 19.44 0.35 0.00 | 19.97 0.29 0.00 | 25.26 0.60 0.00 | 40.77 1.23 0.00 | 34.62 0.39 0.00 | 34.46 0.50 0.00 | 34.58 0.84 0.00 | 33.78 1.34 0.00 | 26.33 1.13 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 31.26 1.07 -0.63 | 35.83 0.88 -0.38 | 34.96 0.81 -0.74 | 30.37 0.90 -0.20 | 34.11 0.97 -0.57 | 29.38 0.92 0.00 | 34.33 1.30 0.00 | 48.11 1.95 0.00 | 41.80 1.42 0.00 | 35.21 1.17 0.00 | 26.48 0.80 -0.04 | 25.47 0.67 -0.24 | 22.37 0.58 0.00 | 20.91 0.58 0.00 | 20.34 0.54 0.00 | 19.65 0.55 0.00 | 20.40 0.71 0.00 | 25.57 0.91 0.00 | 40.80 1.25 0.00 | 35.57 1.34 0.00 | 35.39 1.42 0.00 | 35.01 1.27 0.00 | 33.50 1.06 0.00 | 26.03 0.83 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 31.39 1.16 -0.68 | 35.90 0.92 -0.40 | 35.03 0.83 -0.79 | 30.52 1.04 -0.21 | 34.30 1.12 -0.61 | 29.50 1.04 0.00 | 34.43 1.41 0.00 | 48.22 2.06 0.00 | 41.90 1.52 0.00 | 35.39 1.35 0.00 | 26.68 1.00 -0.04 | 25.66 0.85 -0.25 | 22.50 0.72 0.00 | 21.04 0.72 0.00 | 20.49 0.68 0.00 | 19.82 0.72 0.00 | 20.55 0.86 0.00 | 25.72 1.07 0.00 | 40.93 1.38 0.00 | 35.64 1.41 0.00 | 35.47 1.50 0.00 | 35.13 1.39 0.00 | 33.61 1.17 0.00 | 26.12 0.92 0.00 |
| W50THST__13_KV_LOAD 356117 | 31.59 1.35 -0.68 | 36.12 1.14 -0.40 | 35.23 1.03 -0.79 | 30.72 1.24 -0.21 | 34.52 1.34 -0.61 | 29.69 1.24 0.00 | 34.66 1.64 0.00 | 48.53 2.36 0.00 | 42.15 1.78 0.00 | 35.62 1.58 0.00 | 26.87 1.18 -0.04 | 25.84 1.03 -0.25 | 22.66 0.88 0.00 | 21.20 0.88 0.00 | 20.64 0.84 0.00 | 19.97 0.87 0.00 | 20.71 1.02 0.00 | 25.91 1.26 0.00 | 41.22 1.67 0.00 | 35.87 1.65 0.00 | 35.71 1.74 0.00 | 35.37 1.63 0.00 | 33.84 1.40 0.00 | 26.30 1.10 0.00 |
| WADING RIVER_IC_1 23522 | 31.76 1.53 -0.68 | 36.23 1.25 -0.40 | 35.36 1.16 -0.79 | 30.78 1.30 -0.21 | 34.56 1.38 -0.61 | 29.44 0.98 0.00 | 34.31 1.28 0.00 | 47.98 1.82 0.00 | 42.18 1.80 0.00 | 35.51 1.47 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.58 1.51 -0.41 | 41.21 1.67 0.00 | 35.50 1.27 0.00 | 35.31 1.34 0.00 | 34.97 1.24 0.00 | 33.15 0.71 0.00 | 25.77 0.57 0.00 |
| WADING RIVER_IC_2 23547 | 31.76 1.53 -0.68 | 36.23 1.25 -0.40 | 35.36 1.16 -0.79 | 30.78 1.30 -0.21 | 34.56 1.38 -0.61 | 29.44 0.98 0.00 | 34.31 1.28 0.00 | 47.98 1.82 0.00 | 42.18 1.80 0.00 | 35.51 1.47 0.00 | 26.85 1.17 -0.04 | 25.81 1.00 -0.25 | 22.62 0.83 0.00 | 21.17 0.84 0.00 | 20.57 0.77 0.00 | 19.92 0.82 0.00 | 20.77 1.08 0.00 | 26.58 1.51 -0.41 | 41.21 1.67 0.00 | 35.50 1.27 0.00 | 35.31 1.34 0.00 | 34.97 1.24 0.00 | 33.15 0.71 0.00 | 25.77 0.57 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WHITEHAL_115KV_TB1 80871 | 30.25 1.31 0.62 | 35.86 1.65 0.37 | 34.22 1.52 0.72 | 30.55 1.47 0.19 | 33.55 1.53 0.56 | 30.08 1.63 0.00 | 34.82 1.80 0.00 | 48.76 2.60 0.00 | 43.32 2.95 0.00 | 36.72 2.67 0.00 | 27.58 1.97 0.04 | 25.97 1.64 0.23 | 22.88 1.10 0.00 | 21.21 0.89 0.00 | 20.55 0.74 0.00 | 19.82 0.72 0.00 | 20.58 0.90 0.00 | 26.32 1.66 0.00 | 42.60 3.06 0.00 | 37.33 3.11 0.00 | 36.94 2.97 0.00 | 36.31 2.57 0.00 | 34.23 1.79 0.00 | 26.27 1.07 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 31.52 1.29 -0.68 | 36.11 1.13 -0.40 | 35.23 1.03 -0.79 | 30.61 1.13 -0.21 | 34.38 1.20 -0.61 | 29.59 1.13 0.00 | 34.55 1.53 0.00 | 48.42 2.25 0.00 | 42.10 1.72 0.00 | 35.48 1.44 0.00 | 26.71 1.03 -0.04 | 25.70 0.89 -0.25 | 22.56 0.78 0.00 | 21.10 0.77 0.00 | 20.52 0.72 0.00 | 19.84 0.75 0.00 | 20.59 0.90 0.00 | 25.81 1.16 0.00 | 41.19 1.64 0.00 | 35.91 1.68 0.00 | 35.73 1.76 0.00 | 35.34 1.61 0.00 | 33.80 1.35 0.00 | 26.25 1.05 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 31.89 1.66 -0.68 | 36.38 1.41 -0.40 | 35.50 1.30 -0.79 | 30.90 1.42 -0.21 | 34.70 1.52 -0.61 | 29.65 1.19 0.00 | 34.59 1.56 0.00 | 48.36 2.19 0.00 | 42.33 1.95 0.00 | 35.58 1.54 0.00 | 26.82 1.13 -0.04 | 25.78 0.97 -0.25 | 22.59 0.80 0.00 | 21.14 0.82 0.00 | 20.55 0.75 0.00 | 19.90 0.81 0.00 | 20.77 1.08 0.00 | 26.59 1.53 -0.41 | 41.44 1.89 0.00 | 35.80 1.58 0.00 | 35.59 1.63 0.00 | 35.22 1.49 0.00 | 33.44 1.00 0.00 | 25.99 0.79 0.00 |
| WOODARD__115KV_TB2 355635 | 29.28 -0.27 0.00 | 34.19 -0.38 0.00 | 33.09 -0.33 0.00 | 28.96 -0.31 0.00 | 32.28 -0.29 0.00 | 28.25 -0.21 0.00 | 32.78 -0.25 0.00 | 45.75 -0.41 0.00 | 39.99 -0.39 0.00 | 33.72 -0.32 0.00 | 25.42 -0.22 0.00 | 24.33 -0.23 0.00 | 21.59 -0.19 0.00 | 20.13 -0.20 0.00 | 19.60 -0.21 0.00 | 18.90 -0.19 0.00 | 19.49 -0.19 0.00 | 24.33 -0.32 0.00 | 39.00 -0.54 0.00 | 33.91 -0.32 0.00 | 33.60 -0.36 0.00 | 33.24 -0.50 0.00 | 31.97 -0.47 0.00 | 24.88 -0.32 0.00 |
| YORK__WARBASSE 23770 | 31.59 1.35 -0.68 | 36.04 1.06 -0.40 | 35.19 0.98 -0.79 | 30.72 1.23 -0.22 | 34.50 1.32 -0.61 | 29.67 1.21 -0.01 | 34.61 1.58 0.00 | 48.30 2.13 0.00 | 41.93 1.55 0.00 | 35.50 1.46 0.00 | 26.76 1.08 -0.04 | 25.74 0.93 -0.25 | 22.57 0.78 0.00 | 21.12 0.79 0.00 | 20.57 0.76 0.00 | 19.87 0.78 0.00 | 20.61 0.92 0.00 | 25.79 1.14 0.00 | 40.95 1.40 0.00 | 35.70 1.47 0.00 | 35.58 1.61 0.00 | 35.28 1.54 0.00 | 33.78 1.33 0.00 | 26.26 1.06 0.00 |