

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/25/2025

| 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 | 26.95 | 25.96 | 23.59 | 23.99 | 23.66 | 25.44 | 35.70 | 32.59 | 63.70 | 36.76 | 35.60 | 35.08 | 32.01 | 30.23 | 38.78 | 43.48 | 41.17 | 39.26 | 39.71 | 40.32 | 38.33 | 35.02 | 28.82 | 27.43 |
| 24138 | 1.23 | 1.21 | 1.10 | 1.01 | 1.02 | 1.01 | 1.50 | 1.35 | 1.22 | 1.92 | 2.49 | 2.90 | 2.91 | 2.89 | 3.18 | 4.33 | 4.27 | 3.90 | 3.36 | 3.06 | 2.83 | 2.55 | 2.09 | 1.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.36 | -44.59 | -12.73 | -6.95 | -2.89 | 0.00 | 0.00 | -6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 27.00 | 26.02 | 23.64 | 24.03 | 23.71 | 25.48 | 35.76 | 32.58 | 63.60 | 36.72 | 35.55 | 35.02 | 31.98 | 30.20 | 38.71 | 43.45 | 41.13 | 39.24 | 39.72 | 40.39 | 38.40 | 35.08 | 28.87 | 27.48 |
| 24260 | 1.28 | 1.26 | 1.14 | 1.05 | 1.06 | 1.06 | 1.55 | 1.36 | 1.22 | 1.90 | 2.46 | 2.84 | 2.88 | 2.86 | 3.13 | 4.30 | 4.23 | 3.89 | 3.36 | 3.12 | 2.91 | 2.60 | 2.14 | 1.99 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.35 | -44.50 | -12.71 | -6.93 | -2.88 | 0.00 | 0.00 | -6.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 27.00 | 26.02 | 23.64 | 24.03 | 23.71 | 25.48 | 35.76 | 32.58 | 63.60 | 36.72 | 35.55 | 35.02 | 31.98 | 30.20 | 38.71 | 43.45 | 41.13 | 39.24 | 39.72 | 40.39 | 38.40 | 35.08 | 28.87 | 27.48 |
| 24261 | 1.28 | 1.26 | 1.14 | 1.05 | 1.06 | 1.06 | 1.55 | 1.36 | 1.22 | 1.90 | 2.46 | 2.84 | 2.88 | 2.86 | 3.13 | 4.30 | 4.23 | 3.89 | 3.36 | 3.12 | 2.91 | 2.60 | 2.14 | 1.99 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.35 | -44.50 | -12.71 | -6.93 | -2.88 | 0.00 | 0.00 | -6.42 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 27.05 | 26.02 | 23.63 | 24.16 | 23.84 | 25.75 | 36.13 | 27.32 | 26.79 | 25.66 | 28.69 | 31.26 | 30.47 | 28.58 | 31.68 | 41.41 | 38.91 | 37.36 | 38.79 | 39.72 | 37.87 | 34.71 | 28.51 | 27.14 |
| 24011 | 1.33 | 1.27 | 1.14 | 1.18 | 1.19 | 1.33 | 1.92 | 1.33 | 1.08 | 1.31 | 1.32 | 1.45 | 1.37 | 1.24 | 1.38 | 2.26 | 2.01 | 2.01 | 2.44 | 2.46 | 2.37 | 2.24 | 1.77 | 1.65 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.12 | -7.83 | -2.24 | -1.22 | -0.51 | 0.00 | 0.00 | -1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 27.25 | 26.20 | 23.78 | 24.34 | 24.01 | 25.96 | 36.44 | 27.50 | 26.89 | 25.80 | 28.87 | 31.46 | 30.64 | 28.71 | 31.80 | 41.68 | 39.02 | 37.49 | 38.96 | 39.93 | 38.07 | 34.94 | 28.71 | 27.34 |
| 23798 | 1.53 | 1.45 | 1.29 | 1.36 | 1.36 | 1.54 | 2.23 | 1.52 | 1.22 | 1.47 | 1.50 | 1.66 | 1.54 | 1.37 | 1.51 | 2.53 | 2.12 | 2.13 | 2.60 | 2.66 | 2.57 | 2.47 | 1.98 | 1.85 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.11 | -7.79 | -2.22 | -1.21 | -0.50 | 0.00 | 0.00 | -1.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 27.05 | 26.02 | 23.63 | 24.16 | 23.84 | 25.75 | 36.13 | 27.32 | 26.79 | | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.46 0.36 0.00 | 27.77 0.43 0.00 | 30.89 0.52 -1.20 | 39.99 0.84 0.00 | 37.72 0.82 0.00 | 36.04 0.69 0.00 | 36.95 0.60 0.00 | 37.73 0.47 0.00 | 35.92 0.42 0.00 | 32.91 0.43 0.00 | 27.08 0.34 0.00 | 25.80 0.31 0.00 |
| ALBANY___3 23573 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.46 0.36 0.00 | 27.77 0.43 0.00 | 30.89 0.52 -1.20 | 39.99 0.84 0.00 | 37.72 0.82 0.00 | 36.04 0.69 0.00 | 36.95 0.60 0.00 | 37.73 0.47 0.00 | 35.92 0.42 0.00 | 32.91 0.43 0.00 | 27.08 0.34 0.00 | 25.80 0.31 0.00 |
| ALBANY___4 23574 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.46 0.36 0.00 | 27.77 0.43 0.00 | 30.89 0.52 -1.20 | 39.99 0.84 0.00 | 37.72 0.82 0.00 | 36.04 0.69 0.00 | 36.95 0.60 0.00 | 37.73 0.47 0.00 | 35.92 0.42 0.00 | 32.91 0.43 0.00 | 27.08 0.34 0.00 | 25.80 0.31 0.00 |
| ALBANY___LFGE 323615 | 26.00 0.28 0.00 | 25.07 0.31 0.00 | 22.82 0.33 0.00 | 23.32 0.34 0.00 | 23.00 0.35 0.00 | 24.72 0.29 0.00 | 34.50 0.29 0.00 | 26.38 0.32 -1.18 | 26.53 0.36 -8.29 | 25.00 0.52 -2.37 | 28.04 0.59 -1.29 | 30.45 0.61 -0.54 | 29.81 0.70 0.00 | 28.10 0.77 0.00 | 31.25 0.89 -1.20 | 40.49 1.34 0.00 | 38.18 1.28 0.00 | 36.50 1.15 0.00 | 37.44 1.08 0.00 | 38.22 0.95 0.00 | 36.37 0.87 0.00 | 33.30 0.83 0.00 | 27.38 0.65 0.00 | 26.09 0.59 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 26.32 0.60 0.00 | 25.25 0.49 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.13 0.48 0.00 | 24.95 0.53 0.00 | 35.04 0.82 0.00 | 25.43 0.55 0.00 | 18.14 0.26 0.00 | 22.23 0.12 0.00 | 26.32 0.16 0.00 | 29.43 0.13 0.00 | 29.15 0.05 0.00 | 27.25 -0.09 0.00 | 28.97 -0.20 0.00 | 38.76 -0.39 0.00 | 36.51 -0.39 0.00 | 35.01 -0.35 0.00 | 36.31 -0.05 0.00 | 37.38 0.11 0.00 | 35.69 0.19 0.00 | 32.72 0.25 0.00 | 26.93 0.19 0.00 | 25.66 0.16 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 26.32 0.60 0.00 | 25.25 0.49 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.13 0.48 0.00 | 24.95 0.53 0.00 | 35.04 0.82 0.00 | 25.43 0.55 0.00 | 18.14 0.26 0.00 | 22.23 0.12 0.00 | 26.32 0.16 0.00 | 29.43 0.13 0.00 | 29.15 0.05 0.00 | 27.25 -0.09 0.00 | 28.97 -0.20 0.00 | 38.76 -0.39 0.00 | 36.51 -0.39 0.00 | 35.01 -0.35 0.00 | 36.31 -0.05 0.00 | 37.38 0.11 0.00 | 35.69 0.19 0.00 | 32.72 0.25 0.00 | 26.93 0.19 0.00 | 25.66 0.16 0.00 |
| ALCOA___DSASP 323711 | 26.32 0.60 0.00 | 25.25 0.49 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.12 0.48 0.00 | 24.95 0.53 0.00 | 35.03 0.82 0.00 | 25.42 0.55 0.00 | 18.14 0.26 0.00 | 22.23 0.12 0.00 | 26.32 0.16 0.00 | 29.44 0.13 0.00 | 29.15 0.05 0.00 | 27.25 -0.09 0.00 | 28.97 -0.20 0.00 | 38.77 -0.39 0.00 | 36.51 -0.39 0.00 | 35.01 -0.35 0.00 | 36.31 -0.05 0.00 | 37.38 0.11 0.00 | 35.69 0.20 0.00 | 32.73 0.25 0.00 | 26.93 0.19 0.00 | 25.66 0.17 0.00 |
| ALLEGHENY___COGEN 23514 | 26.25 0.53 0.00 | 25.35 0.59 0.00 | 23.01 0.52 0.00 | 23.41 0.43 0.00 | 22.98 0.33 0.00 | 25.00 0.58 0.00 | 35.24 1.03 0.00 | 25.41 0.53 0.00 | 18.01 0.12 0.00 | 22.43 0.32 0.00 | 26.14 -0.02 0.00 | 29.14 -0.16 0.00 | 28.99 -0.11 0.00 | 26.97 -0.36 0.00 | 33.55 -0.45 -4.83 | 47.21 -0.91 -8.97 | 67.20 -0.99 -31.29 | 63.39 -0.64 -28.68 | 44.44 0.03 -8.05 | 37.75 0.48 0.00 | 36.24 0.75 0.00 | 33.11 0.63 0.00 | 27.31 0.58 0.00 | 26.16 0.67 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 25.99 0.27 0.00 | 25.07 0.31 0.00 | 22.80 0.31 0.00 | 23.28 0.31 0.00 | 22.97 0.32 0.00 | 24.73 0.30 0.00 | 34.58 0.37 0.00 | 26.28 0.33 -1.08 | 25.81 0.33 -7.59 | 24.78 0.50 -2.17 | 27.91 0.57 -1.18 | 30.41 0.62 -0.49 | 29.78 0.68 0.00 | 28.05 0.71 0.00 | 31.07 0.81 -1.10 | 40.35 1.20 0.00 | 38.10 1.20 0.00 | 36.44 1.08 0.00 | 37.37 1.01 0.00 | 38.21 0.94 0.00 | 36.37 0.88 0.00 | 33.30 0.82 0.00 | 27.39 0.66 0.00 | 26.11 0.62 0.00 |
| ALTONA_WT_PWR 323606 | 26.10 0.37 0.00 | 24.98 0.22 0.00 | 22.80 0.31 0.00 | 23.41 0.43 0.00 | 23.04 0.39 0.00 | 24.86 0.43 0.00 | 34.98 0.78 0.00 | 25.44 0.56 0.00 | 18.20 0.32 0.00 | 22.25 0.14 0.00 | 26.19 0.03 0.00 | 29.32 0.02 0.00 | 29.11 0.01 0.00 | 27.20 -0.14 0.00 | 28.87 -0.30 0.00 | 38.52 -0.63 0.00 | 36.34 -0.56 0.00 | 34.55 -0.81 0.00 | 35.91 -0.44 0.00 | 37.08 -0.18 0.00 | 35.35 -0.15 0.00 | 32.54 0.06 0.00 | 26.55 -0.18 0.00 | 25.25 -0.25 0.00 |
| AMERICAN_REF_FUEL 24010 | 24.56 -1.16 0.00 | 23.66 -1.10 0.00 | 21.51 -0.98 0.00 | 21.96 -1.01 0.00 | 21.68 -0.97 0.00 | 23.61 -0.81 0.00 | 32.99 -1.22 0.00 | 23.62 -1.26 0.00 | 16.88 -1.00 0.00 | 21.28 -0.83 0.00 | 24.96 -1.20 0.00 | 27.76 -1.54 0.00 | 27.51 -1.59 0.00 | 25.60 -1.73 0.00 | 26.09 -1.93 1.14 | 33.70 -3.15 2.31 | 25.83 -3.01 8.07 | 25.42 -2.56 7.38 | 31.50 -2.79 2.07 | 34.66 -2.61 0.00 | 33.04 -2.45 0.00 | 30.41 -2.07 0.00 | 25.33 -1.41 0.00 | 24.49 -1.00 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 24.71 -1.01 0.00 | 24.30 -0.45 0.00 | 22.09 -0.40 0.00 | 22.50 -0.47 0.00 | 22.12 -0.53 0.00 | 24.10 -0.32 0.00 | 33.90 -0.30 0.00 | 24.57 -0.30 0.00 | 17.67 -0.21 0.00 | 22.19 0.08 0.00 | 25.89 -0.27 0.00 | 28.86 -0.44 0.00 | 28.72 -0.38 0.00 | 26.54 -0.80 0.00 | 26.84 -1.14 1.19 | 34.62 -2.10 2.43 | 26.69 -1.71 8.51 | 25.64 -1.74 7.98 | 32.55 -1.68 2.12 | 36.00 -1.27 0.00 | 34.12 -1.37 0.00 | 31.33 -1.15 0.00 | 25.94 -0.79 0.00 | 24.92 -0.57 0.00 |
| ARTHUR KILL_GT_1 23520 | 26.92 1.20 0.00 | 25.95 1.19 0.00 | 23.54 1.05 0.00 | 23.91 0.94 0.00 | 23.60 0.95 0.00 | 25.35 0.93 0.00 | 35.61 1.40 0.00 | 32.44 1.21 -6.35 | 63.46 1.08 -44.50 | 36.55 1.73 -12.71 | 35.34 2.25 -6.93 | 34.84 2.66 -2.88 | 31.79 2.68 0.00 | 30.03 2.69 0.00 | 38.48 2.90 -6.42 | 43.01 3.87 0.00 | 40.88 3.98 0.00 | 39.10 3.74 0.00 | 39.46 3.11 0.00 | 40.28 3.01 0.00 | 38.41 2.92 0.00 | 35.13 2.65 0.00 | 28.89 2.15 0.00 | 27.47 1.98 0.00 |
| ARTHUR_KILL_2 23512 | 26.84 1.12 0.00 | 25.88 1.12 0.00 | 23.47 0.98 0.00 | 23.84 0.87 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.49 1.29 0.00 | 32.36 1.14 -6.35 | 63.41 1.03 -44.50 | 36.47 1.65 -12.71 | 35.26 2.16 -6.93 | 34.75 2.56 -2.88 | 31.69 2.59 0.00 | 29.94 2.60 0.00 | 38.38 2.79 -6.42 | 42.87 3.72 0.00 | 40.74 3.83 0.00 | 38.95 3.60 0.00 | 39.33 2.97 0.00 | 40.13 2.86 0.00 | 38.27 2.77 0.00 | 35.00 2.52 0.00 | 28.79 2.06 0.00 | 27.39 1.90 0.00 |
| ARTHUR_KILL_3 23513 | 26.71 0.99 0.00 | 25.72 0.97 0.00 | 23.36 0.87 0.00 | 23.75 0.77 0.00 | 23.42 0.78 0.00 | 25.16 0.74 0.00 | 35.31 1.11 0.00 | 32.26 1.03 -6.35 | 63.41 0.98 -44.54 | 36.44 1.61 -12.72 | 35.22 2.12 -6.94 | 34.68 2.50 -2.88 | 31.65 2.55 0.00 | 29.89 2.56 0.00 | 38.39 2.80 -6.43 | 43.00 3.85 0.00 | 40.72 3.82 0.00 | 38.84 3.48 0.00 | 39.30 2.94 0.00 | 39.94 2.68 0.00 | 37.98 2.49 0.00 | 34.70 2.23 0.00 | 28.58 1.85 0.00 | 27.22 1.73 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ARTHUR_KILL_COGEN 323718 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.54 1.05 0.00 | 23.92 0.94 0.00 | 23.60 0.95 0.00 | 25.35 0.93 0.00 | 35.61 1.40 0.00 | 32.44 1.21 -6.35 | 63.46 1.08 -44.50 | 36.55 1.73 -12.71 | 35.34 2.24 -6.93 | 34.84 2.66 -2.88 | 31.79 2.68 0.00 | 30.03 2.69 0.00 | 38.48 2.90 -6.42 | 43.00 3.85 0.00 | 40.88 3.98 0.00 | 39.09 3.74 0.00 | 39.46 3.11 0.00 | 40.28 3.01 0.00 | 38.41 2.91 0.00 | 35.13 2.65 0.00 | 28.89 2.15 0.00 | 27.48 1.98 0.00 |
| ASHOKAN____ 23654 | 26.31 0.59 0.00 | 25.32 0.57 0.00 | 23.01 0.52 0.00 | 23.45 0.47 0.00 | 23.13 0.48 0.00 | 24.89 0.47 0.00 | 34.94 0.73 0.00 | 25.55 0.68 0.00 | 18.55 0.66 0.00 | 23.07 0.96 0.00 | 27.22 1.07 0.00 | 30.33 1.02 0.00 | 30.22 1.11 0.00 | 28.54 1.20 0.00 | 30.57 1.40 0.00 | 41.30 2.15 0.00 | 39.04 2.14 0.00 | 37.56 2.20 0.00 | 38.50 2.14 0.00 | 39.34 2.08 0.00 | 37.42 1.93 0.00 | 34.12 1.64 0.00 | 28.00 1.27 0.00 | 26.59 1.10 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.54 1.05 0.00 | 23.88 0.91 0.00 | 23.57 0.93 0.00 | 25.31 0.89 0.00 | 35.50 1.29 0.00 | 32.43 1.20 -6.35 | 63.44 1.06 -44.50 | 36.49 1.67 -12.71 | 35.31 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.70 3.80 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.93 2.66 0.00 | 38.02 2.53 0.00 | 34.84 2.36 0.00 | 28.67 1.94 0.00 | 27.33 1.83 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.53 1.05 0.00 | 23.88 0.91 0.00 | 23.58 0.93 0.00 | 25.31 0.89 0.00 | 35.50 1.29 0.00 | 32.43 1.20 -6.35 | 63.44 1.06 -44.50 | 36.49 1.67 -12.71 | 35.31 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.70 3.80 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.93 2.66 0.00 | 38.02 2.53 0.00 | 34.84 2.36 0.00 | 28.67 1.94 0.00 | 27.33 1.83 0.00 |
| ASTORIA_GT2_1 24094 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT2_2 24095 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT2_3 24096 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT2_4 24097 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT3_1 24098 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT3_2 24099 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT3_3 24100 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT3_4 24101 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT4_1 24102 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT4_2 24103 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT4_3 24104 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |

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| ASTORIA_GT4_4 24105 | 26.86 1.14 0.00 | 25.91 1.15 0.00 | 23.54 1.06 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.51 1.69 -12.71 | 35.33 2.23 -6.93 | 34.79 2.61 -2.88 | 31.71 2.61 0.00 | 29.98 2.65 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.73 3.83 0.00 | 38.83 3.47 0.00 | 39.26 2.90 0.00 | 39.95 2.69 0.00 | 38.04 2.54 0.00 | 34.86 2.39 0.00 | 28.69 1.96 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT_1 23523 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.58 1.10 0.00 | 23.94 0.96 0.00 | 23.63 0.98 0.00 | 25.37 0.94 0.00 | 35.58 1.38 0.00 | 32.49 1.27 -6.35 | 63.49 1.11 -44.50 | 36.56 1.74 -12.71 | 35.40 2.30 -6.93 | 34.87 2.69 -2.88 | 31.77 2.67 0.00 | 30.05 2.71 0.00 | 38.49 2.90 -6.42 | 43.13 3.98 0.00 | 40.82 3.92 0.00 | 38.92 3.56 0.00 | 39.36 3.00 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.94 2.46 0.00 | 28.74 2.01 0.00 | 27.39 1.90 0.00 |
| ASTORIA_GT_10 24110 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.74 -12.71 | 35.36 2.27 -6.93 | 34.83 2.65 -2.88 | 31.76 2.66 0.00 | 30.01 2.67 0.00 | 38.48 2.90 -6.42 | 43.11 3.96 0.00 | 40.85 3.95 0.00 | 38.97 3.62 0.00 | 39.41 3.05 0.00 | 40.12 2.86 0.00 | 38.18 2.68 0.00 | 34.92 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT_11 24225 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.74 -12.71 | 35.36 2.27 -6.93 | 34.83 2.65 -2.88 | 31.76 2.66 0.00 | 30.01 2.67 0.00 | 38.48 2.90 -6.42 | 43.11 3.96 0.00 | 40.85 3.95 0.00 | 38.97 3.62 0.00 | 39.41 3.05 0.00 | 40.12 2.86 0.00 | 38.18 2.68 0.00 | 34.92 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT_12 24226 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.74 -12.71 | 35.36 2.27 -6.93 | 34.83 2.65 -2.88 | 31.76 2.66 0.00 | 30.01 2.67 0.00 | 38.48 2.90 -6.42 | 43.11 3.96 0.00 | 40.85 3.95 0.00 | 38.97 3.62 0.00 | 39.41 3.05 0.00 | 40.12 2.86 0.00 | 38.18 2.68 0.00 | 34.92 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT_13 24227 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.74 -12.71 | 35.36 2.27 -6.93 | 34.83 2.65 -2.88 | 31.76 2.66 0.00 | 30.01 2.67 0.00 | 38.48 2.90 -6.42 | 43.11 3.96 0.00 | 40.85 3.95 0.00 | 38.97 3.62 0.00 | 39.41 3.05 0.00 | 40.12 2.86 0.00 | 38.18 2.68 0.00 | 34.92 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA_GT_5 24106 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.58 1.10 0.00 | 23.94 0.96 0.00 | 23.63 0.98 0.00 | 25.37 0.94 0.00 | 35.58 1.38 0.00 | 32.49 1.27 -6.35 | 63.49 1.11 -44.50 | 36.56 1.74 -12.71 | 35.40 2.30 -6.93 | 34.87 2.69 -2.88 | 31.77 2.67 0.00 | 30.05 2.71 0.00 | 38.49 2.90 -6.42 | 43.13 3.98 0.00 | 40.82 3.92 0.00 | 38.92 3.56 0.00 | 39.36 3.00 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.94 2.46 0.00 | 28.74 2.01 0.00 | 27.39 1.90 0.00 |
| ASTORIA_GT_7 24107 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.58 1.10 0.00 | 23.94 0.96 0.00 | 23.63 0.98 0.00 | 25.37 0.94 0.00 | 35.58 1.38 0.00 | 32.49 1.27 -6.35 | 63.49 1.11 -44.50 | 36.56 1.74 -12.71 | 35.40 2.30 -6.93 | 34.87 2.69 -2.88 | 31.77 2.67 0.00 | 30.05 2.71 0.00 | 38.49 2.90 -6.42 | 43.13 3.98 0.00 | 40.82 3.92 0.00 | 38.92 3.56 0.00 | 39.36 3.00 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.94 2.46 0.00 | 28.74 2.01 0.00 | 27.39 1.90 0.00 |
| ASTORIA_GT_8 24108 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.58 1.10 0.00 | 23.94 0.96 0.00 | 23.63 0.98 0.00 | 25.37 0.94 0.00 | 35.58 1.38 0.00 | 32.49 1.27 -6.35 | 63.49 1.11 -44.50 | 36.56 1.74 -12.71 | 35.40 2.30 -6.93 | 34.87 2.69 -2.88 | 31.77 2.67 0.00 | 30.05 2.71 0.00 | 38.49 2.90 -6.42 | 43.13 3.98 0.00 | 40.82 3.92 0.00 | 38.92 3.56 0.00 | 39.36 3.00 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.94 2.46 0.00 | 28.74 2.01 0.00 | 27.39 1.90 0.00 |
| ASTORIA___2 24149 | 26.87 1.15 0.00 | 25.91 1.15 0.00 | 23.54 1.05 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.23 -6.93 | 34.80 2.62 -2.88 | 31.71 2.60 0.00 | 29.99 2.65 0.00 | 38.41 2.83 -6.42 | 43.03 3.88 0.00 | 40.73 3.83 0.00 | 38.82 3.46 0.00 | 39.24 2.88 0.00 | 39.95 2.68 0.00 | 38.04 2.54 0.00 | 34.86 2.38 0.00 | 28.69 1.96 0.00 | 27.34 1.84 0.00 |
| ASTORIA___3 23516 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.30 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.73 -12.71 | 35.37 2.27 -6.93 | 34.83 2.65 -2.88 | 31.77 2.66 0.00 | 30.01 2.68 0.00 | 38.48 2.89 -6.42 | 43.11 3.96 0.00 | 40.84 3.94 0.00 | 38.97 3.61 0.00 | 39.41 3.05 0.00 | 40.12 2.85 0.00 | 38.18 2.69 0.00 | 34.91 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA___4 23517 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.30 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.74 -12.71 | 35.36 2.27 -6.93 | 34.83 2.65 -2.88 | 31.76 2.66 0.00 | 30.01 2.67 0.00 | 38.48 2.90 -6.42 | 43.11 3.96 0.00 | 40.84 3.94 0.00 | 38.97 3.62 0.00 | 39.41 3.05 0.00 | 40.12 2.85 0.00 | 38.18 2.68 0.00 | 34.92 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| ASTORIA___5 23518 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.54 1.05 0.00 | 23.89 0.91 0.00 | 23.59 0.94 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.44 1.22 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.23 -6.93 | 34.80 2.62 -2.88 | 31.71 2.60 0.00 | 29.99 2.65 0.00 | 38.41 2.83 -6.42 | 43.03 3.88 0.00 | 40.73 3.83 0.00 | 38.82 3.46 0.00 | 39.24 2.88 0.00 | 39.95 2.68 0.00 | 38.04 2.54 0.00 | 34.86 2.38 0.00 | 28.69 1.96 0.00 | 27.34 1.84 0.00 |
| AST_ENERGY_2_CC3 323677 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.44 0.95 0.00 | 23.82 0.84 0.00 | 23.50 0.85 0.00 | 25.24 0.82 0.00 | 35.38 1.17 0.00 | 32.32 1.09 -6.35 | 63.44 1.02 -44.54 | 36.47 1.64 -12.72 | 35.25 2.15 -6.94 | 34.70 2.51 -2.88 | 31.66 2.55 0.00 | 29.75 2.56 0.14 | 38.40 2.81 -6.43 | 43.01 3.86 0.00 | 40.73 3.83 0.00 | 38.84 3.48 0.00 | 39.32 2.97 0.00 | 39.97 2.70 0.00 | 38.00 2.50 0.00 | 34.73 2.26 0.00 | 28.61 1.88 0.00 | 27.23 1.74 0.00 |
| AST_ENERGY_2_CC4 323678 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.44 0.95 0.00 | 23.82 0.84 0.00 | 23.50 0.85 0.00 | 25.24 0.82 0.00 | 35.38 1.17 0.00 | 32.32 1.09 -6.35 | 63.44 1.02 -44.54 | 36.47 1.64 -12.72 | 35.25 2.15 -6.94 | 34.70 2.51 -2.88 | 31.66 2.55 0.00 | 29.75 2.56 0.14 | 38.40 2.81 -6.43 | 43.01 3.86 0.00 | 40.73 3.83 0.00 | 38.84 3.48 0.00 | 39.32 2.97 0.00 | 39.97 2.70 0.00 | 38.00 2.50 0.00 | 34.73 2.26 0.00 | 28.61 1.88 0.00 | 27.23 1.74 0.00 |

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| ATHENS_STG_1 23668 | 26.00 0.28 0.00 | 25.10 0.34 0.00 | 22.84 0.36 0.00 | 23.30 0.32 0.00 | 22.97 0.32 0.00 | 24.70 0.27 0.00 | 34.52 0.32 0.00 | 26.46 0.33 -1.26 | 27.07 0.38 -8.81 | 25.27 0.64 -2.52 | 28.36 0.83 -1.37 | 30.81 0.94 -0.57 | 30.08 0.98 0.00 | 28.35 1.01 0.00 | 31.59 1.15 -1.27 | 40.81 1.66 0.00 | 38.55 1.65 0.00 | 36.84 1.48 0.00 | 37.63 1.27 0.00 | 38.40 1.14 0.00 | 36.54 1.04 0.00 | 33.43 0.96 0.00 | 27.51 0.77 0.00 | 26.22 0.72 0.00 |
| ATHENS_STG_2 23670 | 26.00 0.28 0.00 | 25.10 0.34 0.00 | 22.84 0.36 0.00 | 23.30 0.32 0.00 | 22.97 0.32 0.00 | 24.70 0.27 0.00 | 34.52 0.32 0.00 | 26.46 0.33 -1.26 | 27.07 0.38 -8.81 | 25.27 0.64 -2.52 | 28.36 0.83 -1.37 | 30.81 0.94 -0.57 | 30.08 0.98 0.00 | 28.35 1.01 0.00 | 31.59 1.15 -1.27 | 40.81 1.66 0.00 | 38.55 1.65 0.00 | 36.84 1.48 0.00 | 37.63 1.27 0.00 | 38.40 1.14 0.00 | 36.54 1.04 0.00 | 33.43 0.96 0.00 | 27.51 0.77 0.00 | 26.22 0.72 0.00 |
| ATHENS_STG_3 23677 | 26.00 0.28 0.00 | 25.10 0.34 0.00 | 22.84 0.36 0.00 | 23.30 0.32 0.00 | 22.97 0.32 0.00 | 24.70 0.27 0.00 | 34.52 0.32 0.00 | 26.46 0.33 -1.26 | 27.07 0.38 -8.81 | 25.27 0.64 -2.52 | 28.36 0.83 -1.37 | 30.81 0.94 -0.57 | 30.08 0.98 0.00 | 28.35 1.01 0.00 | 31.59 1.15 -1.27 | 40.81 1.66 0.00 | 38.55 1.65 0.00 | 36.84 1.48 0.00 | 37.63 1.27 0.00 | 38.40 1.14 0.00 | 36.54 1.04 0.00 | 33.43 0.96 0.00 | 27.51 0.77 0.00 | 26.22 0.72 0.00 |
| AUBURN___LFGE 323710 | 25.70 -0.02 0.00 | 24.75 -0.01 0.00 | 22.43 -0.06 0.00 | 22.86 -0.12 0.00 | 22.51 -0.14 0.00 | 24.36 -0.07 0.00 | 34.24 0.03 0.00 | 24.76 -0.11 0.00 | 17.72 -0.17 0.00 | 22.07 -0.05 0.00 | 25.95 -0.21 0.00 | 29.12 -0.18 0.00 | 29.05 -0.05 0.00 | 27.28 -0.06 0.00 | 29.16 -0.01 0.00 | 39.11 -0.04 0.00 | 36.60 -0.30 0.00 | 35.15 -0.21 0.00 | 36.21 -0.15 0.00 | 37.25 -0.01 0.00 | 35.46 -0.04 0.00 | 32.38 -0.10 0.00 | 26.68 -0.05 0.00 | 25.56 0.06 0.00 |
| BABYLON_RES_REC 323704 | 26.94 1.22 0.00 | 25.99 1.23 0.00 | 23.56 1.07 0.00 | 23.96 0.98 0.00 | 23.59 0.94 0.00 | 25.38 0.96 0.00 | 35.59 1.38 0.00 | 32.47 1.26 -6.33 | 63.36 1.12 -44.35 | 36.55 1.77 -12.67 | 36.33 2.63 -7.53 | 36.68 2.92 -4.46 | 31.84 2.74 0.00 | 30.19 2.86 0.00 | 38.60 3.04 -6.40 | 43.21 4.06 0.00 | 40.92 4.02 0.00 | 39.21 3.86 0.00 | 39.85 3.49 0.00 | 40.25 2.99 0.00 | 38.46 2.96 0.00 | 35.05 2.58 0.00 | 28.88 2.15 0.00 | 27.51 2.01 0.00 |
| BALL_HILL_WT_PWR 323825 | 24.85 -0.86 0.00 | 24.13 -0.62 0.00 | 21.92 -0.57 0.00 | 22.35 -0.63 0.00 | 22.00 -0.65 0.00 | 23.95 -0.47 0.00 | 33.58 -0.62 0.00 | 24.22 -0.65 0.00 | 17.33 -0.55 0.00 | 21.81 -0.30 0.00 | 25.52 -0.64 0.00 | 28.44 -0.86 0.00 | 28.25 -0.86 0.00 | 26.26 -1.08 0.00 | 26.33 -1.32 1.51 | 33.82 -2.30 3.03 | 24.22 -2.08 10.60 | 23.85 -1.85 9.66 | 31.72 -1.93 2.71 | 35.72 -1.55 0.00 | 33.97 -1.52 0.00 | 31.17 -1.30 0.00 | 25.88 -0.85 0.00 | 24.89 -0.61 0.00 |
| BARON_WINDS___WT_PWR 323822 | 24.99 -0.73 0.00 | 24.30 -0.45 0.00 | 22.08 -0.41 0.00 | 22.44 -0.54 0.00 | 21.89 -0.76 0.00 | 23.75 -0.67 0.00 | 33.49 -0.72 0.00 | 24.18 -0.70 0.00 | 17.30 -0.58 0.00 | 21.53 -0.59 0.00 | 25.34 -0.82 0.00 | 28.38 -0.92 0.00 | 28.03 -1.07 0.00 | 26.00 -1.34 0.00 | 19.78 -1.35 8.04 | 22.15 -1.94 15.07 | -17.75 -1.95 52.70 | -14.65 -1.75 48.25 | 21.18 -1.65 13.53 | 35.98 -1.29 0.00 | 34.36 -1.13 0.00 | 31.26 -1.22 0.00 | 25.90 -0.83 0.00 | 24.93 -0.56 0.00 |
| BARRETT_IC_1 23704 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_10 23701 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_11 23702 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_12 23703 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_2 23705 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_3 23706 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_4 23707 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_5 23708 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |

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| BARRETT_IC_6 23709 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_7 23710 | 26.78 1.06 0.00 | 25.81 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.04 -6.33 | 63.18 0.94 -44.35 | 36.32 1.55 -12.67 | 35.95 2.26 -7.53 | 36.29 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.85 3.70 0.00 | 40.56 3.66 0.00 | 38.81 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.01 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_8 23711 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT_IC_9 23700 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT___1 23545 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BARRETT___2 23546 | 26.78 1.06 0.00 | 25.82 1.06 0.00 | 23.41 0.92 0.00 | 23.83 0.85 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.35 1.15 0.00 | 32.24 1.03 -6.33 | 63.18 0.94 -44.35 | 36.32 1.54 -12.67 | 35.95 2.25 -7.53 | 36.28 2.52 -4.46 | 31.51 2.41 0.00 | 29.84 2.51 0.00 | 38.27 2.70 -6.40 | 42.86 3.71 0.00 | 40.55 3.65 0.00 | 38.82 3.46 0.00 | 39.34 2.98 0.00 | 39.83 2.57 0.00 | 38.00 2.51 0.00 | 34.74 2.26 0.00 | 28.66 1.93 0.00 | 27.30 1.81 0.00 |
| BATAVIA__115KV_TB1 55881 | 25.61 -0.11 0.00 | 24.63 -0.13 0.00 | 22.36 -0.13 0.00 | 22.83 -0.15 0.00 | 22.54 -0.11 0.00 | 24.55 0.13 0.00 | 34.43 0.22 0.00 | 24.79 -0.09 0.00 | 17.63 -0.25 0.00 | 22.06 -0.05 0.00 | 25.87 -0.29 0.00 | 28.96 -0.34 0.00 | 28.73 -0.37 0.00 | 26.76 -0.58 0.00 | 27.84 -0.58 0.75 | 36.48 -1.15 1.53 | 30.22 -1.33 5.35 | 29.62 -0.85 4.89 | 34.09 -0.90 1.37 | 36.75 -0.51 0.00 | 35.06 -0.44 0.00 | 32.12 -0.36 0.00 | 26.61 -0.12 0.00 | 25.55 0.06 0.00 |
| BAYONEEC___CTG1 323682 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG10 323750 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG2 323683 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG3 323684 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG4 323685 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG5 323686 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG6 323687 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG7 323688 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BAYONEEC___CTG9 323749 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.37 1.14 -6.35 | 63.48 1.06 -44.54 | 36.52 1.69 -12.72 | 35.31 2.21 -6.94 | 34.77 2.59 -2.88 | 31.73 2.63 0.00 | 29.96 2.63 0.00 | 38.47 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.93 3.58 0.00 | 39.41 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.81 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| BEACON___LESR 323632 | 25.99 0.27 0.00 | 25.11 0.35 0.00 | 22.86 0.37 0.00 | 23.33 0.35 0.00 | 23.00 0.36 0.00 | 24.78 0.36 0.00 | 34.65 0.44 0.00 | 26.47 0.39 -1.19 | 26.73 0.47 -8.37 | 25.19 0.69 -2.39 | 28.27 0.81 -1.31 | 30.66 0.81 -0.54 | 30.01 0.90 0.00 | 28.30 0.96 0.00 | 31.48 1.10 -1.21 | 40.79 1.65 0.00 | 38.54 1.64 0.00 | 36.86 1.51 0.00 | 37.84 1.48 0.00 | 38.61 1.34 0.00 | 36.75 1.25 0.00 | 33.64 1.17 0.00 | 27.64 0.90 0.00 | 26.31 0.81 0.00 |
| BEAVER RIVER___HYD 24048 | 26.53 0.81 0.00 | 25.49 0.73 0.00 | 22.63 0.15 0.00 | 23.13 0.15 0.00 | 22.95 0.30 0.00 | 24.87 0.45 0.00 | 34.85 0.64 0.00 | 25.06 0.18 0.00 | 17.97 0.09 0.00 | 22.46 0.35 0.00 | 26.55 0.39 0.00 | 29.64 0.34 0.00 | 28.86 -0.24 0.00 | 26.59 -0.74 0.00 | 28.11 -1.06 0.00 | 37.28 -1.87 0.00 | 35.23 -1.67 0.00 | 33.71 -1.64 0.00 | 35.40 -0.96 0.00 | 37.20 -0.06 0.00 | 35.74 0.25 0.00 | 32.15 -0.33 0.00 | 26.75 0.02 0.00 | 25.35 -0.15 0.00 |
| BEEBEE_GT_13 23619 | 25.39 -0.33 0.00 | 24.42 -0.33 0.00 | 22.17 -0.32 0.00 | 22.63 -0.35 0.00 | 22.33 -0.32 0.00 | 24.24 -0.18 0.00 | 33.96 -0.25 0.00 | 24.57 -0.31 0.00 | 17.59 -0.29 0.00 | 22.04 -0.07 0.00 | 25.95 -0.21 0.00 | 29.00 -0.30 0.00 | 28.81 -0.29 0.00 | 26.97 -0.37 0.00 | 28.72 -0.44 0.00 | 37.88 -0.90 0.37 | 34.62 -0.98 1.30 | 33.38 -0.80 1.18 | 35.25 -0.78 0.33 | 36.66 -0.60 0.00 | 34.91 -0.59 0.00 | 31.94 -0.53 0.00 | 26.41 -0.32 0.00 | 25.28 -0.22 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 27.06 1.35 0.00 | 26.08 1.32 0.00 | 23.66 1.17 0.00 | 24.04 1.06 0.00 | 23.71 1.06 0.00 | 25.48 1.05 0.00 | 35.78 1.57 0.00 | 32.60 1.38 -6.35 | 63.60 1.22 -44.50 | 36.73 1.91 -12.71 | 35.58 2.48 -6.93 | 35.10 2.92 -2.88 | 32.05 2.94 0.00 | 30.28 2.94 0.00 | 38.78 3.20 -6.42 | 43.50 4.35 0.00 | 41.26 4.36 0.00 | 39.40 4.04 0.00 | 39.81 3.46 0.00 | 40.57 3.31 0.00 | 38.62 3.12 0.00 | 35.29 2.82 0.00 | 29.01 2.28 0.00 | 27.61 2.11 0.00 |
| BETHLEHEM___GRP 23843 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.46 0.36 0.00 | 27.77 0.43 0.00 | 30.89 0.52 -1.20 | 39.99 0.84 0.00 | 37.72 0.82 0.00 | 36.04 0.69 0.00 | 36.95 0.60 0.00 | 37.73 0.47 0.00 | 35.92 0.42 0.00 | 32.91 0.43 0.00 | 27.08 0.34 0.00 | 25.80 0.31 0.00 |
| BETHLEHEM___GS1 323560 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.45 0.35 0.00 | 27.77 0.43 0.00 | 30.88 0.52 -1.20 | 39.99 0.84 0.00 | 37.71 0.81 0.00 | 36.04 0.69 0.00 | 36.95 0.59 0.00 | 37.73 0.46 0.00 | 35.92 0.43 0.00 | 32.91 0.43 0.00 | 27.07 0.34 0.00 | 25.80 0.31 0.00 |
| BETHLEHEM___GS2 323561 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.45 0.35 0.00 | 27.77 0.43 0.00 | 30.88 0.52 -1.20 | 39.99 0.84 0.00 | 37.71 0.81 0.00 | 36.04 0.69 0.00 | 36.95 0.59 0.00 | 37.73 0.46 0.00 | 35.92 0.43 0.00 | 32.91 0.43 0.00 | 27.07 0.34 0.00 | 25.80 0.31 0.00 |
| BETHLEHEM___GS3 323562 | 25.73 0.01 0.00 | 24.81 0.05 0.00 | 22.59 0.10 0.00 | 23.09 0.11 0.00 | 22.77 0.13 0.00 | 24.45 0.03 0.00 | 34.09 -0.12 0.00 | 26.10 0.04 -1.19 | 26.35 0.15 -8.31 | 24.76 0.28 -2.37 | 27.75 0.30 -1.30 | 30.09 0.25 -0.54 | 29.45 0.35 0.00 | 27.77 0.43 0.00 | 30.88 0.52 -1.20 | 39.99 0.84 0.00 | 37.71 0.81 0.00 | 36.04 0.69 0.00 | 36.95 0.59 0.00 | 37.73 0.46 0.00 | 35.92 0.43 0.00 | 32.91 0.43 0.00 | 27.07 0.34 0.00 | 25.80 0.31 0.00 |
| BETHLEHEM___STEEL 23779 | 24.98 -0.74 0.00 | 24.12 -0.63 0.00 | 21.91 -0.58 0.00 | 22.36 -0.62 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.18 -0.69 0.00 | 17.29 -0.59 0.00 | 21.78 -0.33 0.00 | 25.53 -0.62 0.00 | 28.45 -0.85 0.00 | 28.23 -0.88 0.00 | 26.27 -1.07 0.00 | 26.44 -1.27 1.46 | 34.01 -2.23 2.91 | 24.58 -2.13 10.19 | 24.17 -1.88 9.31 | 31.84 -1.90 2.61 | 35.66 -1.61 0.00 | 33.94 -1.55 0.00 | 31.15 -1.32 0.00 | 25.91 -0.82 0.00 | 24.93 -0.57 0.00 |
| BETHLHEM_115KV_TB1 79974 | 25.78 0.06 0.00 | 24.86 0.10 0.00 | 22.63 0.14 0.00 | 23.12 0.15 0.00 | 22.83 0.18 0.00 | 24.71 0.29 0.00 | 34.54 0.34 0.00 | 26.27 0.31 -1.09 | 25.84 0.34 -7.62 | 24.81 0.52 -2.18 | 27.96 0.61 -1.19 | 30.44 0.65 -0.49 | 29.82 0.72 0.00 | 28.09 0.75 0.00 | 31.12 0.86 -1.10 | 40.40 1.25 0.00 | 38.14 1.24 0.00 | 36.48 1.12 0.00 | 37.37 1.01 0.00 | 38.19 0.93 0.00 | 36.37 0.87 0.00 | 33.29 0.82 0.00 | 27.38 0.65 0.00 | 26.10 0.61 0.00 |
| BETHPAGE_CC_5 323564 | 26.83 1.11 0.00 | 25.87 1.11 0.00 | 23.46 0.97 0.00 | 23.88 0.90 0.00 | 23.51 0.87 0.00 | 25.27 0.85 0.00 | 35.42 1.21 0.00 | 32.31 1.11 -6.33 | 63.25 1.01 -44.35 | 36.42 1.64 -12.67 | 36.11 2.42 -7.53 | 36.47 2.70 -4.46 | 31.68 2.57 0.00 | 30.02 2.68 0.00 | 38.43 2.87 -6.40 | 43.06 3.91 0.00 | 40.75 3.85 0.00 | 39.04 3.68 0.00 | 39.58 3.23 0.00 | 40.01 2.74 0.00 | 38.21 2.71 0.00 | 34.83 2.36 0.00 | 28.71 1.98 0.00 | 27.38 1.88 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 25.01 -0.70 0.00 | 24.15 -0.60 0.00 | 21.94 -0.55 0.00 | 22.38 -0.60 0.00 | 22.04 -0.61 0.00 | 23.99 -0.43 0.00 | 33.63 -0.58 0.00 | 24.23 -0.64 0.00 | 17.33 -0.55 0.00 | 21.83 -0.28 0.00 | 25.60 -0.56 0.00 | 28.53 -0.77 0.00 | 28.30 -0.80 0.00 | 26.34 -1.00 0.00 | 26.59 -1.21 1.37 | 34.25 -2.15 2.76 | 25.20 -2.04 9.65 | 24.71 -1.82 8.83 | 32.06 -1.82 2.48 | 35.75 -1.52 0.00 | 34.01 -1.48 0.00 | 31.21 -1.27 0.00 | 25.96 -0.77 0.00 | 24.96 -0.53 0.00 |
| BINGHAMTON___COGEN 23790 | 25.50 -0.22 0.00 | 24.63 -0.12 0.00 | 22.35 -0.14 0.00 | 22.80 -0.17 0.00 | 22.44 -0.21 0.00 | 24.28 -0.14 0.00 | 34.04 -0.17 0.00 | 24.74 -0.14 0.00 | 17.76 -0.12 0.00 | 22.12 0.01 0.00 | 26.10 -0.06 0.00 | 29.30 -0.01 0.00 | 29.13 0.03 0.00 | 27.33 -0.01 0.00 | 29.19 0.02 0.00 | 39.60 0.08 -0.38 | 38.28 0.05 -1.33 | 36.63 0.06 -1.21 | 36.76 0.06 -0.34 | 37.44 0.18 0.00 | 35.62 0.12 0.00 | 32.50 0.02 0.00 | 26.79 0.06 0.00 | 25.59 0.09 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 25.02 -0.70 0.00 | 24.16 -0.60 0.00 | 21.93 -0.56 0.00 | 22.35 -0.62 0.00 | 22.00 -0.66 0.00 | 23.93 -0.49 0.00 | 33.69 -0.52 0.00 | 24.39 -0.49 0.00 | 17.44 -0.44 0.00 | 22.03 -0.09 0.00 | 25.75 -0.41 0.00 | 28.70 -0.60 0.00 | 28.36 -0.74 0.00 | 26.23 -1.10 0.00 | 26.77 -1.49 0.91 | 34.63 -2.61 1.91 | 27.70 -2.52 6.68 | 26.71 -2.49 6.16 | 32.70 -1.94 1.72 | 35.85 -1.42 0.00 | 34.08 -1.42 0.00 | 31.24 -1.24 0.00 | 26.03 -0.70 0.00 | 25.05 -0.44 0.00 |
| BLACK RIVER___HYD 24047 | 26.66 0.94 0.00 | 25.62 0.87 0.00 | 22.76 0.27 0.00 | 23.25 0.28 0.00 | 23.10 0.45 0.00 | 25.06 0.63 0.00 | 35.11 0.90 0.00 | 25.17 0.30 0.00 | 18.09 0.21 0.00 | 22.75 0.64 0.00 | 26.70 0.54 0.00 | 29.83 0.53 0.00 | 28.88 -0.22 0.00 | 26.56 -0.77 0.00 | 28.05 -1.12 0.00 | 37.02 -2.13 0.00 | 34.96 -1.94 0.00 | 33.63 -1.73 0.00 | 35.50 -0.86 0.00 | 37.56 0.30 0.00 | 36.21 0.71 0.00 | 32.50 0.03 0.00 | 27.03 0.29 0.00 | 25.52 0.03 0.00 |
| BLACKRVR_115KV_TB2 79977 | 26.66 0.94 0.00 | 25.63 0.87 0.00 | 22.76 0.27 0.00 | 23.25 0.27 0.00 | 23.10 0.45 0.00 | 25.06 0.63 0.00 | 35.11 0.90 0.00 | 25.18 0.30 0.00 | 18.09 0.21 0.00 | 22.75 0.64 0.00 | 26.70 0.54 0.00 | 29.83 0.53 0.00 | 28.88 -0.22 0.00 | 26.56 -0.77 0.00 | 28.05 -1.12 0.00 | 37.02 -2.13 0.00 | 34.96 -1.94 0.00 | 33.63 -1.73 0.00 | 35.50 -0.86 0.00 | 37.56 0.30 0.00 | 36.21 0.72 0.00 | 32.50 0.02 0.00 | 27.03 0.29 0.00 | 25.52 0.03 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 26.98 1.26 0.00 | 26.00 1.24 0.00 | 23.57 1.08 0.00 | 23.99 1.01 0.00 | 23.61 0.96 0.00 | 25.41 0.99 0.00 | 35.61 1.40 0.00 | 32.44 1.24 -6.33 | 63.34 1.10 -44.35 | 36.54 1.77 -12.67 | 36.21 2.52 -7.53 | 36.60 2.83 -4.46 | 31.84 2.74 0.00 | 30.17 2.83 0.00 | 38.61 3.05 -6.40 | 43.33 4.18 0.00 | 41.05 4.15 0.00 | 39.32 3.96 0.00 | 39.85 3.49 0.00 | 40.34 3.08 0.00 | 38.48 2.98 0.00 | 35.10 2.63 0.00 | 28.91 2.18 0.00 | 27.52 2.03 0.00 |
| BLISS_WT_PWR 323608 | 24.97 -0.75 0.00 | 24.12 -0.64 0.00 | 21.90 -0.58 0.00 | 22.32 -0.66 0.00 | 21.95 -0.70 0.00 | 23.88 -0.54 0.00 | 33.63 -0.57 0.00 | 24.36 -0.52 0.00 | 17.43 -0.45 0.00 | 22.03 -0.08 0.00 | 25.74 -0.42 0.00 | 28.65 -0.65 0.00 | 28.30 -0.80 0.00 | 26.10 -1.24 0.00 | 26.60 -1.66 0.91 | 34.35 -2.89 1.91 | 27.43 -2.78 6.68 | 26.45 -2.75 6.16 | 32.60 -2.03 1.72 | 35.79 -1.48 0.00 | 34.01 -1.49 0.00 | 31.18 -1.29 0.00 | 25.97 -0.76 0.00 | 25.02 -0.48 0.00 |
| BLUESTONE___WT_PWR 323821 | 26.31 0.59 0.00 | 25.70 0.95 0.00 | 23.30 0.81 0.00 | 23.81 0.83 0.00 | 23.45 0.80 0.00 | 25.37 0.95 0.00 | 35.57 1.37 0.00 | 24.41 1.02 1.48 | 8.19 0.71 10.40 | 20.13 0.99 2.97 | 25.45 0.91 1.62 | 29.62 0.99 0.67 | 30.12 1.02 0.00 | 28.36 1.03 0.00 | 28.76 1.10 1.50 | 40.53 1.38 0.00 | 38.09 1.19 0.00 | 36.65 1.29 0.00 | 38.18 1.82 0.00 | 39.47 2.20 0.00 | 37.26 1.76 0.00 | 33.75 1.27 0.00 | 27.75 1.02 0.00 | 26.72 1.23 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 26.03 0.32 0.00 | 25.12 0.36 0.00 | 22.87 0.38 0.00 | 23.37 0.39 0.00 | 23.06 0.41 0.00 | 24.82 0.40 0.00 | 34.68 0.47 0.00 | 26.24 0.37 -0.99 | 25.16 0.35 -6.93 | 24.56 0.46 -1.98 | 27.68 0.44 -1.08 | 30.21 0.46 -0.45 | 29.68 0.58 0.00 | 27.96 0.63 0.00 | 30.85 0.69 -1.00 | 40.18 1.03 0.00 | 37.91 1.01 0.00 | 36.31 0.95 0.00 | 37.33 0.97 0.00 | 38.20 0.93 0.00 | 36.39 0.90 0.00 | 33.33 0.85 0.00 | 27.41 0.68 0.00 | 26.14 0.64 0.00 |
| BOC_GAS_DRP 24189 | 25.89 0.17 0.00 | 24.97 0.21 0.00 | 22.72 0.23 0.00 | 23.21 0.23 0.00 | 22.89 0.24 0.00 | 24.63 0.21 0.00 | 34.43 0.22 0.00 | 26.19 0.23 -1.09 | 25.78 0.27 -7.62 | 24.74 0.45 -2.18 | 27.89 0.54 -1.19 | 30.38 0.59 -0.49 | 29.75 0.64 0.00 | 28.01 0.67 0.00 | 31.04 0.77 -1.10 | 40.28 1.13 0.00 | 38.02 1.12 0.00 | 36.35 0.99 0.00 | 37.24 0.88 0.00 | 38.04 0.78 0.00 | 36.22 0.73 0.00 | 33.17 0.69 0.00 | 27.29 0.55 0.00 | 26.02 0.53 0.00 |
| BOONVILLE_115KV_TB1 79983 | 26.36 0.64 0.00 | 25.38 0.62 0.00 | 22.80 0.31 0.00 | 23.29 0.32 0.00 | 23.02 0.37 0.00 | 24.92 0.50 0.00 | 34.92 0.71 0.00 | 25.27 0.40 0.00 | 18.13 0.24 0.00 | 22.55 0.43 0.00 | 26.72 0.56 0.00 | 29.85 0.55 0.00 | 29.41 0.31 0.00 | 27.41 0.08 0.00 | 29.16 -0.01 0.00 | 38.94 -0.21 0.00 | 36.86 -0.04 0.00 | 34.86 -0.50 0.00 | 36.12 -0.24 0.00 | 37.48 0.22 0.00 | 35.85 0.36 0.00 | 32.43 -0.05 0.00 | 26.86 0.13 0.00 | 25.50 0.00 0.00 |
| BORALEX_4TH_BRANCH 23824 | 26.69 0.97 0.00 | 25.80 1.05 0.00 | 23.47 0.98 0.00 | 23.99 1.01 0.00 | 23.68 1.03 0.00 | 25.50 1.08 0.00 | 35.70 1.50 0.00 | 27.37 1.02 -1.48 | 29.13 0.88 -10.36 | 26.23 1.16 -2.96 | 29.12 1.34 -1.61 | 31.41 1.43 -0.67 | 30.56 1.46 0.00 | 28.72 1.39 0.00 | 32.24 1.58 -1.50 | 41.67 2.52 0.00 | 39.03 2.13 0.00 | 37.32 1.96 0.00 | 38.34 1.98 0.00 | 39.16 1.90 0.00 | 37.31 1.81 0.00 | 34.34 1.86 0.00 | 28.24 1.50 0.00 | 26.95 1.45 0.00 |
| BOWLINE___1 23526 | 26.44 0.72 0.00 | 25.50 0.75 0.00 | 23.17 0.68 0.00 | 23.58 0.60 0.00 | 23.25 0.60 0.00 | 24.97 0.55 0.00 | 34.95 0.74 0.00 | 16.07 0.69 9.49 | -47.93 0.72 66.54 | 4.33 1.22 19.00 | 17.41 1.62 10.37 | 26.84 1.84 4.30 | 30.99 1.88 0.00 | 29.24 1.90 0.00 | 21.67 2.10 9.60 | 42.13 2.98 0.00 | 39.87 2.97 0.00 | 38.06 2.71 0.00 | 38.63 2.28 0.00 | 39.32 2.06 0.00 | 37.36 1.87 0.00 | 34.12 1.64 0.00 | 28.10 1.37 0.00 | 26.80 1.31 0.00 |
| BOWLINE___2 23595 | 26.46 0.74 0.00 | 25.51 0.75 0.00 | 23.17 0.68 0.00 | 23.58 0.60 0.00 | 23.25 0.60 0.00 | 24.98 0.56 0.00 | 35.00 0.79 0.00 | 16.11 0.73 9.49 | -47.90 0.73 66.52 | 4.35 1.23 19.00 | 17.43 1.64 10.36 | 26.87 1.87 4.30 | 31.02 1.92 0.00 | 29.27 1.94 0.00 | 21.71 2.14 9.60 | 42.17 3.02 0.00 | 39.91 3.01 0.00 | 38.11 2.75 0.00 | 38.68 2.32 0.00 | 39.36 2.09 0.00 | 37.41 1.91 0.00 | 34.16 1.68 0.00 | 28.13 1.40 0.00 | 26.82 1.32 0.00 |
| BRADY___115KV_TB2 356060 | 26.73 1.01 0.00 | 25.63 0.88 0.00 | 23.12 0.63 0.00 | 23.67 0.70 0.00 | 23.46 0.81 0.00 | 25.32 0.90 0.00 | 35.59 1.38 0.00 | 25.78 0.91 0.00 | 18.27 0.38 0.00 | 22.36 0.25 0.00 | 26.47 0.31 0.00 | 29.50 0.20 0.00 | 29.15 0.05 0.00 | 27.26 -0.08 0.00 | 28.97 -0.20 0.00 | 38.70 -0.46 0.00 | 36.43 -0.47 0.00 | 34.92 -0.44 0.00 | 36.60 0.24 0.00 | 37.80 0.53 0.00 | 36.16 0.66 0.00 | 33.13 0.66 0.00 | 27.27 0.54 0.00 | 25.98 0.49 0.00 |
| BRANSCOMB___SOLAR 323811 | 26.75 1.03 0.00 | 25.78 1.02 0.00 | 23.43 0.94 0.00 | 23.94 0.97 0.00 | 23.62 0.97 0.00 | 25.47 1.05 0.00 | 35.70 1.50 0.00 | 27.09 1.05 -1.16 | 26.88 0.87 -8.13 | 25.51 1.07 -2.32 | 28.54 1.11 -1.27 | 31.01 1.18 -0.53 | 30.27 1.17 0.00 | 28.45 1.12 0.00 | 31.57 1.23 -1.17 | 41.13 1.98 0.00 | 38.74 1.84 0.00 | 37.18 1.82 0.00 | 38.43 2.07 0.00 | 39.34 2.07 0.00 | 37.47 1.98 0.00 | 34.33 1.86 0.00 | 28.20 1.47 0.00 | 26.87 1.38 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 27.40 1.68 0.00 | 26.49 1.74 0.00 | 24.03 1.54 0.00 | 24.43 1.45 0.00 | 24.05 1.40 0.00 | 25.88 1.46 0.00 | 36.32 2.11 0.00 | 33.03 1.83 -6.33 | 63.82 1.58 -44.35 | 37.22 2.44 -12.67 | 37.21 3.52 -7.53 | 37.71 3.95 -4.46 | 32.79 3.69 0.00 | 31.07 3.73 0.00 | 39.45 3.89 -6.40 | 44.18 5.03 0.00 | 41.36 4.46 0.00 | 39.53 4.17 0.00 | 40.18 3.82 0.00 | 40.29 3.03 0.00 | 38.43 2.93 0.00 | 35.05 2.57 0.00 | 28.89 2.16 0.00 | 27.41 1.92 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 27.01 1.29 0.00 | 26.07 1.31 0.00 | 23.64 1.15 0.00 | 24.04 1.07 0.00 | 23.66 1.01 0.00 | 25.46 1.04 0.00 | 35.71 1.51 0.00 | 32.56 1.36 -6.33 | 63.43 1.20 -44.35 | 36.66 1.88 -12.67 | 36.48 2.79 -7.53 | 36.88 3.12 -4.46 | 31.99 2.89 0.00 | 30.30 2.97 0.00 | 38.69 3.13 -6.40 | 43.34 4.19 0.00 | 40.99 4.10 0.00 | 39.29 3.93 0.00 | 39.92 3.56 0.00 | 40.29 3.02 0.00 | 38.55 3.06 0.00 | 35.13 2.65 0.00 | 28.96 2.23 0.00 | 27.61 2.12 0.00 |
| BRISTLHL_115KV_TB1 79998 | 25.17 -0.55 0.00 | 24.22 -0.54 0.00 | 22.00 -0.48 0.00 | 22.47 -0.51 0.00 | 22.15 -0.51 0.00 | 23.92 -0.50 0.00 | 33.47 -0.74 0.00 | 24.30 -0.58 0.00 | 17.45 -0.43 0.00 | 21.69 -0.42 0.00 | 25.60 -0.56 0.00 | 28.72 -0.58 0.00 | 28.49 -0.61 0.00 | 26.76 -0.58 0.00 | 28.56 -0.61 0.00 | 38.35 -0.79 0.00 | 36.08 -0.82 0.00 | 34.63 -0.73 0.00 | 35.59 -0.76 0.00 | 36.57 -0.70 0.00 | 34.83 -0.67 0.00 | 31.80 -0.67 0.00 | 26.21 -0.52 0.00 | 25.02 -0.48 0.00 |
| BROOKHAVEN___DRP 24191 | 26.76 1.05 0.00 | 25.84 1.09 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.47 0.81 0.00 | 25.23 0.80 0.00 | 35.36 1.16 0.00 | 32.31 1.10 -6.33 | 63.27 1.03 -44.35 | 36.44 1.66 -12.67 | 36.24 2.55 -7.53 | 36.65 2.89 -4.46 | 31.75 2.65 0.00 | 30.10 2.77 0.00 | 38.50 2.94 -6.40 | 43.01 3.86 0.00 | 40.56 3.66 0.00 | 38.85 3.49 0.00 | 39.52 3.16 0.00 | 39.82 2.56 0.00 | 38.09 2.60 0.00 | 34.73 2.25 0.00 | 28.64 1.91 0.00 | 27.27 1.77 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.44 0.94 0.00 | 23.80 0.82 0.00 | 23.48 0.83 0.00 | 25.22 0.80 0.00 | 35.38 1.18 0.00 | 32.33 1.10 -6.35 | 63.45 1.03 -44.54 | 36.47 1.64 -12.72 | 35.24 2.14 -6.94 | 34.71 2.53 -2.88 | 31.66 2.56 0.00 | 29.90 2.56 0.00 | 38.40 2.80 -6.43 | 43.01 3.86 0.00 | 40.73 3.83 0.00 | 38.84 3.48 0.00 | 39.31 2.95 0.00 | 39.98 2.71 0.00 | 38.03 2.53 0.00 | 34.77 2.29 0.00 | 28.65 1.91 0.00 | 27.25 1.76 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| BROOME_2_LFGE 323671 | 25.50 -0.21 0.00 | 24.63 -0.12 0.00 | 22.35 -0.14 0.00 | 22.80 -0.17 0.00 | 22.44 -0.21 0.00 | 24.28 -0.15 0.00 | 34.03 -0.17 0.00 | 24.74 -0.14 0.00 | 17.76 -0.12 0.00 | 22.12 0.00 0.00 | 26.10 -0.06 0.00 | 29.29 -0.01 0.00 | 29.13 0.03 0.00 | 27.33 -0.01 0.00 | 29.18 0.01 0.00 | 39.60 0.07 -0.38 | 38.27 0.04 -1.33 | 36.63 0.06 -1.21 | 36.76 0.07 -0.34 | 37.45 0.18 0.00 | 35.62 0.12 0.00 | 32.50 0.03 0.00 | 26.79 0.06 0.00 | 25.59 0.09 0.00 |
| BROOME___LFGE 323600 | 25.50 -0.21 0.00 | 24.63 -0.12 0.00 | 22.35 -0.14 0.00 | 22.80 -0.17 0.00 | 22.44 -0.21 0.00 | 24.28 -0.15 0.00 | 34.03 -0.17 0.00 | 24.74 -0.14 0.00 | 17.76 -0.12 0.00 | 22.12 0.00 0.00 | 26.10 -0.06 0.00 | 29.29 -0.01 0.00 | 29.13 0.03 0.00 | 27.33 -0.01 0.00 | 29.18 0.01 0.00 | 39.60 0.07 -0.38 | 38.27 0.04 -1.33 | 36.63 0.06 -1.21 | 36.76 0.07 -0.34 | 37.45 0.18 0.00 | 35.62 0.12 0.00 | 32.50 0.03 0.00 | 26.79 0.06 0.00 | 25.59 0.09 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 26.52 0.80 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.28 0.00 | 23.08 0.43 0.00 | 24.96 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.39 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 27.07 1.35 0.00 | 26.07 1.31 0.00 | 23.67 1.19 0.00 | 24.07 1.09 0.00 | 23.74 1.09 0.00 | 25.51 1.09 0.00 | 35.80 1.59 0.00 | 32.63 1.40 -6.35 | 63.68 1.25 -44.54 | 36.77 1.94 -12.72 | 35.61 2.51 -6.94 | 35.10 2.92 -2.88 | 32.05 2.95 0.00 | 30.27 2.93 0.00 | 38.81 3.22 -6.43 | 43.56 4.41 0.00 | 41.25 4.35 0.00 | 39.36 4.00 0.00 | 39.83 3.47 0.00 | 40.50 3.23 0.00 | 38.51 3.01 0.00 | 35.18 2.71 0.00 | 28.96 2.23 0.00 | 27.56 2.07 0.00 |
| BURROWS___LYONSDAL 23803 | 26.39 0.67 0.00 | 25.39 0.64 0.00 | 22.74 0.25 0.00 | 23.22 0.24 0.00 | 22.97 0.32 0.00 | 24.89 0.46 0.00 | 34.86 0.65 0.00 | 25.18 0.30 0.00 | 18.07 0.18 0.00 | 22.50 0.39 0.00 | 26.66 0.50 0.00 | 29.79 0.49 0.00 | 29.25 0.15 0.00 | 27.17 -0.16 0.00 | 28.85 -0.31 0.00 | 38.48 -0.68 0.00 | 36.40 -0.50 0.00 | 34.51 -0.85 0.00 | 35.88 -0.48 0.00 | 37.36 0.10 0.00 | 35.77 0.28 0.00 | 32.28 -0.20 0.00 | 26.78 0.04 0.00 | 25.40 -0.09 0.00 |
| CAITHNESS_CC_1 323624 | 26.75 1.03 0.00 | 25.83 1.07 0.00 | 23.44 0.95 0.00 | 23.83 0.86 0.00 | 23.45 0.80 0.00 | 25.22 0.79 0.00 | 35.35 1.14 0.00 | 32.29 1.09 -6.33 | 63.26 1.02 -44.35 | 36.42 1.64 -12.67 | 36.20 2.51 -7.53 | 36.62 2.86 -4.46 | 31.71 2.61 0.00 | 30.07 2.73 0.00 | 38.45 2.88 -6.40 | 42.96 3.81 0.00 | 40.52 3.62 0.00 | 38.81 3.45 0.00 | 39.47 3.11 0.00 | 39.78 2.51 0.00 | 38.07 2.57 0.00 | 34.71 2.24 0.00 | 28.63 1.90 0.00 | 27.26 1.77 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 26.85 1.13 0.00 | 25.89 1.13 0.00 | 23.47 0.98 0.00 | 23.88 0.91 0.00 | 23.52 0.87 0.00 | 25.29 0.87 0.00 | 35.46 1.25 0.00 | 32.34 1.14 -6.33 | 63.26 1.03 -44.35 | 36.44 1.66 -12.67 | 36.12 2.43 -7.53 | 36.49 2.73 -4.46 | 31.70 2.60 0.00 | 30.04 2.70 0.00 | 38.46 2.90 -6.40 | 43.10 3.95 0.00 | 40.80 3.90 0.00 | 39.08 3.72 0.00 | 39.63 3.27 0.00 | 40.06 2.80 0.00 | 38.24 2.74 0.00 | 34.88 2.41 0.00 | 28.73 2.00 0.00 | 27.38 1.88 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 26.85 1.13 0.00 | 25.89 1.13 0.00 | 23.47 0.98 0.00 | 23.89 0.91 0.00 | 23.52 0.87 0.00 | 25.29 0.87 0.00 | 35.46 1.25 0.00 | 32.34 1.14 -6.33 | 63.26 1.02 -44.35 | 36.44 1.66 -12.67 | 36.12 2.43 -7.53 | 36.49 2.73 -4.46 | 31.70 2.60 0.00 | 30.04 2.70 0.00 | 38.46 2.90 -6.40 | 43.10 3.95 0.00 | 40.80 3.90 0.00 | 39.07 3.71 0.00 | 39.63 3.27 0.00 | 40.06 2.80 0.00 | 38.24 2.75 0.00 | 34.88 2.40 0.00 | 28.74 2.00 0.00 | 27.38 1.88 0.00 |
| CALPINE_BP_GT1 23823 | 26.85 1.13 0.00 | 25.89 1.13 0.00 | 23.47 0.98 0.00 | 23.89 0.91 0.00 | 23.52 0.87 0.00 | 25.29 0.87 0.00 | 35.46 1.25 0.00 | 32.34 1.14 -6.33 | 63.26 1.02 -44.35 | 36.44 1.66 -12.67 | 36.12 2.43 -7.53 | 36.49 2.73 -4.46 | 31.70 2.60 0.00 | 30.04 2.70 0.00 | 38.46 2.90 -6.40 | 43.10 3.95 0.00 | 40.80 3.90 0.00 | 39.07 3.71 0.00 | 39.63 3.27 0.00 | 40.06 2.80 0.00 | 38.24 2.75 0.00 | 34.88 2.40 0.00 | 28.74 2.00 0.00 | 27.38 1.88 0.00 |
| CALSPAN___DRP 24200 | 24.98 -0.74 0.00 | 24.12 -0.63 0.00 | 21.91 -0.58 0.00 | 22.36 -0.62 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.18 -0.69 0.00 | 17.29 -0.59 0.00 | 21.78 -0.33 0.00 | 25.53 -0.62 0.00 | 28.45 -0.85 0.00 | 28.23 -0.88 0.00 | 26.27 -1.07 0.00 | 26.44 -1.27 1.46 | 34.01 -2.23 2.91 | 24.58 -2.13 10.19 | 24.17 -1.88 9.31 | 31.84 -1.90 2.61 | 35.66 -1.61 0.00 | 33.94 -1.55 0.00 | 31.15 -1.32 0.00 | 25.91 -0.82 0.00 | 24.93 -0.57 0.00 |

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| CALVERTON___SOLAR 323806 | 26.82 1.11 0.00 | 25.90 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.28 0.86 0.00 | 35.44 1.23 0.00 | 32.36 1.16 -6.33 | 63.31 1.07 -44.35 | 36.51 1.73 -12.67 | 36.33 2.64 -7.53 | 36.77 3.01 -4.46 | 31.85 2.75 0.00 | 30.20 2.87 0.00 | 38.60 3.03 -6.40 | 43.14 3.99 0.00 | 40.65 3.74 0.00 | 38.94 3.58 0.00 | 39.61 3.25 0.00 | 39.90 2.63 0.00 | 38.16 2.66 0.00 | 34.77 2.30 0.00 | 28.67 1.94 0.00 | 27.27 1.78 0.00 |
| CANDIGU_WT_PWR 323617 | 24.99 -0.73 0.00 | 24.30 -0.45 0.00 | 22.08 -0.41 0.00 | 22.44 -0.54 0.00 | 21.89 -0.76 0.00 | 23.75 -0.67 0.00 | 33.49 -0.72 0.00 | 24.18 -0.70 0.00 | 17.30 -0.58 0.00 | 21.53 -0.59 0.00 | 25.34 -0.82 0.00 | 28.38 -0.92 0.00 | 28.03 -1.07 0.00 | 26.00 -1.34 0.00 | 19.78 -1.35 8.04 | 22.15 -1.94 15.07 | -17.75 -1.95 52.70 | -14.65 -1.75 48.25 | 21.18 -1.65 13.53 | 35.98 -1.29 0.00 | 34.36 -1.13 0.00 | 31.26 -1.22 0.00 | 25.90 -0.83 0.00 | 24.93 -0.56 0.00 |
| CARR STREET_E_SYR 24060 | 25.33 -0.39 0.00 | 24.40 -0.35 0.00 | 22.14 -0.34 0.00 | 22.61 -0.36 0.00 | 22.28 -0.37 0.00 | 24.07 -0.35 0.00 | 33.70 -0.51 0.00 | 24.46 -0.41 0.00 | 17.57 -0.31 0.00 | 21.86 -0.25 0.00 | 25.81 -0.35 0.00 | 28.94 -0.36 0.00 | 28.76 -0.35 0.00 | 27.03 -0.31 0.00 | 28.84 -0.33 0.00 | 38.62 -0.53 0.00 | 36.29 -0.61 0.00 | 34.83 -0.52 0.00 | 35.82 -0.54 0.00 | 36.75 -0.51 0.00 | 34.99 -0.50 0.00 | 31.97 -0.50 0.00 | 26.41 -0.33 0.00 | 25.20 -0.29 0.00 |
| CARTHAGE___PAPER 23857 | 26.74 1.02 0.00 | 25.69 0.93 0.00 | 22.82 0.33 0.00 | 23.31 0.34 0.00 | 23.15 0.50 0.00 | 25.10 0.68 0.00 | 35.19 0.98 0.00 | 25.27 0.40 0.00 | 18.11 0.23 0.00 | 22.70 0.59 0.00 | 26.75 0.59 0.00 | 29.85 0.55 0.00 | 29.01 -0.10 0.00 | 26.63 -0.71 0.00 | 28.14 -1.03 0.00 | 37.22 -1.94 0.00 | 35.17 -1.73 0.00 | 33.75 -1.60 0.00 | 35.61 -0.75 0.00 | 37.57 0.30 0.00 | 36.16 0.67 0.00 | 32.49 0.02 0.00 | 27.01 0.28 0.00 | 25.55 0.06 0.00 |
| CASSADAGA_WT_PWR 323784 | 24.77 -0.95 0.00 | 24.39 -0.36 0.00 | 22.19 -0.30 0.00 | 22.61 -0.36 0.00 | 22.23 -0.42 0.00 | 24.23 -0.19 0.00 | 34.19 -0.02 0.00 | 24.87 -0.01 0.00 | 17.95 0.06 0.00 | 22.57 0.46 0.00 | 26.39 0.23 0.00 | 29.44 0.14 0.00 | 29.29 0.19 0.00 | 27.10 -0.23 0.00 | 27.54 -0.52 1.11 | 35.59 -1.28 2.29 | 27.92 -0.97 8.00 | 26.34 -1.38 7.63 | 33.12 -1.25 1.98 | 36.21 -1.05 0.00 | 34.23 -1.27 0.00 | 31.48 -0.99 0.00 | 26.12 -0.61 0.00 | 25.02 -0.47 0.00 |
| CE_DUNWOOD___DRP 24194 | 26.66 0.94 0.00 | 25.70 0.94 0.00 | 23.35 0.86 0.00 | 23.75 0.78 0.00 | 23.43 0.78 0.00 | 25.17 0.75 0.00 | 35.28 1.07 0.00 | 32.42 0.97 -6.57 | 64.89 0.92 -46.09 | 36.74 1.47 -13.16 | 35.28 1.94 -7.18 | 34.52 2.24 -2.98 | 31.38 2.28 0.00 | 29.62 2.28 0.00 | 38.33 2.52 -6.65 | 42.66 3.51 0.00 | 40.37 3.47 0.00 | 38.53 3.18 0.00 | 39.10 2.74 0.00 | 39.77 2.50 0.00 | 37.80 2.31 0.00 | 34.53 2.06 0.00 | 28.43 1.70 0.00 | 27.08 1.59 0.00 |
| CE_MILLWOOD___DRP 24193 | 26.59 0.87 0.00 | 25.63 0.88 0.00 | 23.30 0.81 0.00 | 23.70 0.73 0.00 | 23.38 0.73 0.00 | 25.12 0.69 0.00 | 35.20 0.99 0.00 | 32.49 0.90 -6.72 | 65.84 0.86 -47.09 | 36.96 1.40 -13.45 | 35.34 1.84 -7.34 | 34.47 2.12 -3.05 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 38.35 2.39 -6.79 | 42.51 3.36 0.00 | 40.21 3.32 0.00 | 38.40 3.04 0.00 | 38.97 2.62 0.00 | 39.64 2.38 0.00 | 37.69 2.19 0.00 | 34.42 1.95 0.00 | 28.34 1.61 0.00 | 27.00 1.51 0.00 |
| CE_NYC2_DRP 24202 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.33 0.00 | 32.45 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.86 2.68 -2.88 | 31.79 2.69 0.00 | 30.04 2.70 0.00 | 38.51 2.93 -6.42 | 43.16 4.01 0.00 | 40.89 3.99 0.00 | 39.01 3.66 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.21 2.71 0.00 | 34.94 2.47 0.00 | 28.74 2.01 0.00 | 27.36 1.87 0.00 |
| CE_NYC_DRP 24195 | 26.84 1.12 0.00 | 25.86 1.10 0.00 | 23.49 1.01 0.00 | 23.88 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.89 0.00 | 35.52 1.31 0.00 | 32.43 1.20 -6.36 | 63.54 1.10 -44.55 | 36.59 1.75 -12.72 | 35.38 2.28 -6.94 | 34.84 2.65 -2.88 | 31.79 2.68 0.00 | 30.02 2.68 0.00 | 38.54 2.94 -6.43 | 43.19 4.04 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.49 3.13 0.00 | 40.14 2.87 0.00 | 38.16 2.66 0.00 | 34.86 2.39 0.00 | 28.70 1.96 0.00 | 27.32 1.83 0.00 |
| CHAFFEE___LFGE 323603 | 25.01 -0.71 0.00 | 24.15 -0.61 0.00 | 21.92 -0.57 0.00 | 22.36 -0.62 0.00 | 22.02 -0.63 0.00 | 23.98 -0.44 0.00 | 33.61 -0.60 0.00 | 24.22 -0.65 0.00 | 17.33 -0.56 0.00 | 21.84 -0.27 0.00 | 25.59 -0.57 0.00 | 28.52 -0.78 0.00 | 28.31 -0.80 0.00 | 26.35 -0.98 0.00 | 26.80 -1.18 1.18 | 34.64 -2.11 2.40 | 26.50 -1.98 8.41 | 25.91 -1.73 7.71 | 32.42 -1.78 2.16 | 35.80 -1.47 0.00 | 34.06 -1.44 0.00 | 31.25 -1.23 0.00 | 25.97 -0.77 0.00 | 24.97 -0.53 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 25.98 0.26 0.00 | 24.87 0.11 0.00 | 22.70 0.21 0.00 | 23.31 0.33 0.00 | 22.94 0.30 0.00 | 24.74 0.32 0.00 | 34.82 0.61 0.00 | 25.32 0.44 0.00 | 18.08 0.20 0.00 | 22.08 -0.04 0.00 | 26.02 -0.14 0.00 | 29.17 -0.14 0.00 | 28.92 -0.18 0.00 | 27.01 -0.32 0.00 | 28.66 -0.51 0.00 | 38.27 -0.88 0.00 | 36.17 -0.73 0.00 | 34.40 -0.96 0.00 | 35.73 -0.63 0.00 | 36.98 -0.29 0.00 | 35.29 -0.21 0.00 | 32.43 -0.05 0.00 | 26.49 -0.24 0.00 | 25.16 -0.33 0.00 |
| CHATEAUG_WT_PWR 323614 | 25.95 0.23 0.00 | 24.86 0.10 0.00 | 22.67 0.18 0.00 | 23.28 0.30 0.00 | 22.93 0.28 0.00 | 24.72 0.30 0.00 | 34.77 0.56 0.00 | 25.29 0.41 0.00 | 18.09 0.21 0.00 | 22.12 0.00 0.00 | 26.06 -0.10 0.00 | 29.20 -0.10 0.00 | 28.97 -0.13 0.00 | 27.07 -0.26 0.00 | 28.72 -0.44 0.00 | 38.35 -0.80 0.00 | 36.25 -0.65 0.00 | 34.46 -0.90 0.00 | 35.78 -0.57 0.00 | 36.94 -0.33 0.00 | 35.21 -0.29 0.00 | 32.36 -0.11 0.00 | 26.44 -0.29 0.00 | 25.13 -0.36 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 25.98 0.26 0.00 | 24.87 0.11 0.00 | 22.70 0.21 0.00 | 23.31 0.33 0.00 | 22.94 0.30 0.00 | 24.74 0.32 0.00 | 34.82 0.61 0.00 | 25.32 0.44 0.00 | 18.08 0.20 0.00 | 22.08 -0.04 0.00 | 26.02 -0.14 0.00 | 29.17 -0.14 0.00 | 28.92 -0.18 0.00 | 27.01 -0.32 0.00 | 28.66 -0.51 0.00 | 38.27 -0.88 0.00 | 36.17 -0.73 0.00 | 34.40 -0.96 0.00 | 35.73 -0.63 0.00 | 36.98 -0.29 0.00 | 35.29 -0.21 0.00 | 32.43 -0.05 0.00 | 26.49 -0.24 0.00 | 25.16 -0.33 0.00 |
| CHAUTAUQUA___LFGE 323629 | 24.87 -0.85 0.00 | 24.28 -0.47 0.00 | 22.05 -0.43 0.00 | 22.48 -0.50 0.00 | 22.10 -0.55 0.00 | 24.08 -0.34 0.00 | 33.80 -0.41 0.00 | 24.43 -0.44 0.00 | 17.51 -0.38 0.00 | 22.01 -0.10 0.00 | 25.72 -0.44 0.00 | 28.69 -0.61 0.00 | 28.54 -0.57 0.00 | 26.46 -0.88 0.00 | 26.65 -1.15 1.37 | 34.31 -2.08 2.76 | 25.48 -1.78 9.64 | 24.97 -1.63 8.75 | 32.21 -1.70 2.45 | 36.00 -1.27 0.00 | 34.21 -1.29 0.00 | 31.37 -1.10 0.00 | 26.03 -0.71 0.00 | 25.01 -0.49 0.00 |
| CHERRYST_13_KV_LD 356241 | 26.92 1.20 0.00 | 25.93 1.17 0.00 | 23.56 1.08 0.00 | 23.95 0.98 0.00 | 23.63 0.98 0.00 | 25.40 0.98 0.00 | 35.64 1.44 0.00 | 32.53 1.30 -6.36 | 63.61 1.18 -44.55 | 36.69 1.86 -12.72 | 35.51 2.41 -6.94 | 34.99 2.80 -2.88 | 31.93 2.83 0.00 | 30.15 2.81 0.00 | 38.68 3.08 -6.43 | 43.39 4.24 0.00 | 41.08 4.18 0.00 | 39.18 3.82 0.00 | 39.64 3.28 0.00 | 40.27 3.00 0.00 | 38.28 2.78 0.00 | 34.97 2.49 0.00 | 28.79 2.05 0.00 | 27.40 1.91 0.00 |

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| CHESTROR_138KV_BK263 355645 | 26.33 0.61 0.00 | 25.38 0.62 0.00 | 23.05 0.56 0.00 | 23.46 0.49 0.00 | 23.13 0.49 0.00 | 24.88 0.46 0.00 | 34.85 0.64 0.00 | 18.49 0.59 6.98 | -30.45 0.62 48.95 | 9.16 1.03 13.98 | 19.86 1.33 7.63 | 27.63 1.49 3.17 | 30.65 1.55 0.00 | 28.91 1.57 0.00 | 23.86 1.76 7.06 | 41.64 2.49 0.00 | 39.41 2.51 0.00 | 37.68 2.32 0.00 | 38.34 1.98 0.00 | 39.07 1.81 0.00 | 37.15 1.65 0.00 | 33.92 1.44 0.00 | 27.91 1.18 0.00 | 26.61 1.12 0.00 |
| CH_MIDHUDSON___DRP 24192 | 26.54 0.82 0.00 | 25.60 0.84 0.00 | 23.28 0.79 0.00 | 23.71 0.73 0.00 | 23.38 0.73 0.00 | 25.12 0.69 0.00 | 35.19 0.98 0.00 | 27.22 0.88 -1.47 | 29.00 0.84 -10.28 | 26.35 1.31 -2.94 | 29.45 1.69 -1.60 | 31.91 1.94 -0.67 | 31.10 2.00 0.00 | 29.35 2.02 0.00 | 32.89 2.24 -1.48 | 42.33 3.18 0.00 | 40.05 3.15 0.00 | 38.28 2.92 0.00 | 38.94 2.58 0.00 | 39.64 2.38 0.00 | 37.67 2.18 0.00 | 34.40 1.93 0.00 | 28.29 1.56 0.00 | 26.95 1.45 0.00 |
| CH_MISC_IPPS 23765 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.82 0.00 | 25.24 0.81 0.00 | 35.36 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.39 0.00 | 38.54 3.18 0.00 | 39.19 2.83 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.07 1.58 0.00 |
| CH_RES_BVR_FALLS 23983 | 25.75 0.03 0.00 | 24.77 0.01 0.00 | 22.46 -0.03 0.00 | 22.97 -0.01 0.00 | 22.66 0.01 0.00 | 24.42 0.01 0.00 | 34.21 0.00 0.00 | 24.83 -0.05 0.00 | 17.83 -0.06 0.00 | 21.99 -0.12 0.00 | 26.05 -0.11 0.00 | 29.19 -0.11 0.00 | 28.90 -0.20 0.00 | 27.07 -0.27 0.00 | 28.78 -0.38 0.00 | 38.53 -0.62 0.00 | 36.30 -0.60 0.00 | 34.88 -0.48 0.00 | 36.01 -0.35 0.00 | 36.99 -0.27 0.00 | 35.26 -0.24 0.00 | 32.25 -0.23 0.00 | 26.56 -0.18 0.00 | 25.27 -0.22 0.00 |
| CH_RES_NIAGARA 23895 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.10 0.00 | 21.61 -1.04 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.34 0.00 | 16.81 -1.07 0.00 | 21.19 -0.91 0.00 | 24.87 -1.29 0.00 | 27.75 -1.55 0.00 | 27.57 -1.54 0.00 | 25.67 -1.66 0.00 | 26.10 -1.93 1.13 | 33.74 -3.14 2.28 | 25.83 -3.11 7.96 | 25.33 -2.75 7.28 | 31.53 -2.78 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.24 -2.24 0.00 | 25.19 -1.54 0.00 | 24.28 -1.21 0.00 |
| CH_RES_SYRACUSE 23985 | 25.49 -0.23 0.00 | 24.54 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 29.00 -0.17 0.00 | 38.89 -0.26 0.00 | 36.55 -0.35 0.00 | 35.09 -0.27 0.00 | 36.09 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| CLINTON_WT_PWR 323605 | 25.95 0.23 0.00 | 24.86 0.10 0.00 | 22.67 0.18 0.00 | 23.28 0.30 0.00 | 22.93 0.28 0.00 | 24.72 0.30 0.00 | 34.77 0.56 0.00 | 25.29 0.41 0.00 | 18.09 0.21 0.00 | 22.12 0.00 0.00 | 26.06 -0.10 0.00 | 29.20 -0.10 0.00 | 28.97 -0.13 0.00 | 27.07 -0.26 0.00 | 28.72 -0.44 0.00 | 38.35 -0.80 0.00 | 36.25 -0.65 0.00 | 34.46 -0.90 0.00 | 35.78 -0.57 0.00 | 36.94 -0.33 0.00 | 35.21 -0.29 0.00 | 32.36 -0.11 0.00 | 26.44 -0.29 0.00 | 25.13 -0.36 0.00 |
| CLINTON___LFGE 323618 | 26.33 0.61 0.00 | 25.20 0.44 0.00 | 22.98 0.49 0.00 | 23.58 0.61 0.00 | 23.22 0.58 0.00 | 25.06 0.64 0.00 | 35.27 1.07 0.00 | 25.65 0.77 0.00 | 18.31 0.43 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.53 0.23 0.00 | 29.29 0.18 0.00 | 27.38 0.05 0.00 | 29.03 -0.14 0.00 | 38.75 -0.40 0.00 | 36.58 -0.32 0.00 | 34.78 -0.57 0.00 | 36.21 -0.14 0.00 | 37.46 0.19 0.00 | 35.73 0.23 0.00 | 32.89 0.41 0.00 | 26.82 0.09 0.00 | 25.48 -0.02 0.00 |
| COBBLENY_34_KV_TB1 80064 | 25.01 -0.71 0.00 | 24.15 -0.61 0.00 | 21.92 -0.57 0.00 | 22.36 -0.62 0.00 | 22.03 -0.62 0.00 | 23.99 -0.43 0.00 | 33.60 -0.60 0.00 | 24.22 -0.65 0.00 | 17.33 -0.56 0.00 | 21.83 -0.28 0.00 | 25.58 -0.58 0.00 | 28.52 -0.78 0.00 | 28.30 -0.80 0.00 | 26.36 -0.98 0.00 | 26.80 -1.18 1.18 | 34.63 -2.11 2.40 | 26.49 -2.00 8.41 | 25.88 -1.76 7.71 | 32.42 -1.78 2.16 | 35.80 -1.47 0.00 | 34.06 -1.44 0.00 | 31.23 -1.24 0.00 | 25.97 -0.76 0.00 | 24.96 -0.53 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.83 1.11 0.00 | 25.78 1.03 0.00 | 22.91 0.43 0.00 | 23.41 0.44 0.00 | 23.26 0.61 0.00 | 25.23 0.81 0.00 | 35.37 1.16 0.00 | 25.37 0.49 0.00 | 18.21 0.33 0.00 | 22.91 0.80 0.00 | 26.81 0.65 0.00 | 29.98 0.68 0.00 | 28.93 -0.17 0.00 | 26.67 -0.66 0.00 | 28.16 -1.01 0.00 | 37.11 -2.05 0.00 | 35.05 -1.85 0.00 | 33.74 -1.62 0.00 | 35.66 -0.70 0.00 | 37.82 0.55 0.00 | 36.51 1.01 0.00 | 32.80 0.32 0.00 | 27.25 0.52 0.00 | 25.72 0.23 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.24 -0.48 0.00 | 24.58 -0.18 0.00 | 22.31 -0.17 0.00 | 22.74 -0.24 0.00 | 22.38 -0.27 0.00 | 24.39 -0.03 0.00 | 34.48 0.27 0.00 | 25.08 0.20 0.00 | 18.17 0.29 0.00 | 22.90 0.79 0.00 | 26.83 0.68 0.00 | 29.99 0.68 0.00 | 29.80 0.69 0.00 | 27.69 0.36 0.00 | 28.64 0.15 0.68 | 37.30 -0.36 1.49 | 31.46 -0.22 5.22 | 29.38 -0.71 5.26 | 34.50 -0.59 1.27 | 36.72 -0.55 0.00 | 34.75 -0.74 0.00 | 31.89 -0.59 0.00 | 26.47 -0.27 0.00 | 25.38 -0.11 0.00 |
| COLONIE_LFGE___ 323577 | 26.38 0.67 0.00 | 25.44 0.68 0.00 | 23.14 0.65 0.00 | 23.65 0.67 0.00 | 23.34 0.69 0.00 | 25.12 0.70 0.00 | 35.15 0.94 0.00 | 26.81 0.69 -1.25 | 27.24 0.62 -8.74 | 25.44 0.83 -2.49 | 28.46 0.94 -1.36 | 30.87 1.00 -0.57 | 30.14 1.04 0.00 | 28.37 1.03 0.00 | 31.60 1.17 -1.26 | 40.98 1.83 0.00 | 38.57 1.67 0.00 | 36.91 1.55 0.00 | 37.94 1.58 0.00 | 38.77 1.51 0.00 | 36.92 1.43 0.00 | 33.86 1.39 0.00 | 27.82 1.09 0.00 | 26.53 1.04 0.00 |
| COOPERNY_115KV_TB1 80082 | 26.18 0.46 0.00 | 25.23 0.47 0.00 | 22.91 0.42 0.00 | 23.34 0.36 0.00 | 23.01 0.35 0.00 | 24.76 0.34 0.00 | 34.66 0.46 0.00 | 21.62 0.44 3.69 | -7.52 0.48 25.88 | 15.53 0.81 7.39 | 23.15 1.03 4.03 | 28.78 1.15 1.67 | 30.30 1.19 0.00 | 28.56 1.22 0.00 | 26.80 1.36 3.73 | 41.07 1.91 0.00 | 38.84 1.94 0.00 | 37.14 1.78 0.00 | 37.88 1.53 0.00 | 38.66 1.40 0.00 | 36.75 1.26 0.00 | 33.57 1.09 0.00 | 27.64 0.90 0.00 | 26.37 0.87 0.00 |
| COPENHAGEN_WT_PWR 323753 | 26.38 0.66 0.00 | 25.37 0.61 0.00 | 22.49 0.00 0.00 | 22.98 0.00 0.00 | 22.84 0.19 0.00 | 24.78 0.36 0.00 | 34.71 0.50 0.00 | 24.84 -0.03 0.00 | 17.90 0.02 0.00 | 22.54 0.43 0.00 | 26.54 0.38 0.00 | 29.62 0.32 0.00 | 28.70 -0.40 0.00 | 26.33 -1.01 0.00 | 27.74 -1.42 0.00 | 36.66 -2.49 0.00 | 34.58 -2.32 0.00 | 33.29 -2.07 0.00 | 35.11 -1.25 0.00 | 37.14 -0.13 0.00 | 35.80 0.30 0.00 | 32.05 -0.42 0.00 | 26.69 -0.04 0.00 | 25.19 -0.30 0.00 |
| CORNELL_____ 23752 | 25.88 0.16 0.00 | 24.95 0.19 0.00 | 22.62 0.13 0.00 | 23.08 0.10 0.00 | 22.71 0.07 0.00 | 24.57 0.15 0.00 | 34.46 0.25 0.00 | 25.01 0.14 0.00 | 17.87 -0.01 0.00 | 22.14 0.02 0.00 | 26.06 -0.10 0.00 | 29.23 -0.07 0.00 | 29.21 0.11 0.00 | 27.40 0.06 0.00 | 29.73 0.03 -0.52 | 40.42 0.24 -1.03 | 40.36 -0.08 -3.53 | 38.79 0.18 -3.26 | 37.65 0.37 -0.92 | 37.85 0.58 0.00 | 36.05 0.55 0.00 | 32.86 0.39 0.00 | 27.06 0.33 0.00 | 25.82 0.33 0.00 |

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| CORONA V_69_KV_TB1 355595 | 26.99 1.27 0.00 | 26.01 1.26 0.00 | 23.59 1.11 0.00 | 24.01 1.03 0.00 | 23.65 1.00 0.00 | 25.43 1.01 0.00 | 35.66 1.45 0.00 | 32.47 1.27 -6.33 | 63.36 1.12 -44.35 | 36.56 1.78 -12.67 | 36.20 2.50 -7.53 | 36.57 2.81 -4.46 | 31.84 2.74 0.00 | 30.14 2.81 0.00 | 38.60 3.03 -6.40 | 43.32 4.17 0.00 | 41.02 4.12 0.00 | 39.24 3.88 0.00 | 39.77 3.41 0.00 | 40.29 3.02 0.00 | 38.43 2.93 0.00 | 35.09 2.62 0.00 | 28.90 2.17 0.00 | 27.52 2.03 0.00 |
| CORTLAND_115KV_TB3 80093 | 25.72 0.00 0.00 | 24.80 0.04 0.00 | 22.50 0.01 0.00 | 22.96 -0.01 0.00 | 22.60 -0.04 0.00 | 24.45 0.03 0.00 | 34.26 0.05 0.00 | 24.89 0.01 0.00 | 17.84 -0.04 0.00 | 22.15 0.04 0.00 | 26.14 -0.02 0.00 | 29.30 0.00 0.00 | 29.15 0.05 0.00 | 27.39 0.06 0.00 | 29.24 0.07 0.00 | 39.66 0.15 -0.36 | 38.17 0.04 -1.23 | 36.65 0.15 -1.14 | 36.95 0.27 -0.32 | 37.67 0.40 0.00 | 35.85 0.36 0.00 | 32.70 0.22 0.00 | 26.94 0.20 0.00 | 25.69 0.20 0.00 |
| COXSACKIE__GT 23611 | 26.85 1.13 0.00 | 25.84 1.08 0.00 | 23.50 1.01 0.00 | 24.01 1.03 0.00 | 23.70 1.05 0.00 | 25.55 1.13 0.00 | 35.71 1.51 0.00 | 26.73 1.22 -0.64 | 23.35 0.97 -4.50 | 24.45 1.05 -1.28 | 27.81 0.95 -0.70 | 30.41 0.82 -0.29 | 30.09 0.99 0.00 | 28.37 1.03 0.00 | 30.96 1.15 -0.65 | 41.13 1.98 0.00 | 38.97 2.07 0.00 | 37.47 2.12 0.00 | 38.72 2.37 0.00 | 39.75 2.49 0.00 | 37.92 2.42 0.00 | 34.61 2.13 0.00 | 28.33 1.60 0.00 | 26.91 1.41 0.00 |
| CPV_VALLEY__CC1 323721 | 26.16 0.44 0.00 | 25.22 0.46 0.00 | 22.90 0.40 0.00 | 23.31 0.34 0.00 | 22.99 0.34 0.00 | 24.72 0.30 0.00 | 34.61 0.40 0.00 | 19.85 0.43 5.46 | -19.86 0.50 38.24 | 12.07 0.88 10.92 | 21.33 1.13 5.96 | 28.09 1.26 2.47 | 30.40 1.30 0.00 | 28.66 1.33 0.00 | 25.14 1.49 5.52 | 41.27 2.12 0.00 | 39.03 2.13 0.00 | 37.31 1.95 0.00 | 37.98 1.62 0.00 | 38.73 1.47 0.00 | 36.82 1.32 0.00 | 33.62 1.14 0.00 | 27.68 0.95 0.00 | 26.40 0.91 0.00 |
| CPV_VALLEY__CC2 323722 | 26.16 0.44 0.00 | 25.22 0.46 0.00 | 22.90 0.40 0.00 | 23.31 0.34 0.00 | 22.99 0.34 0.00 | 24.72 0.30 0.00 | 34.61 0.40 0.00 | 19.85 0.43 5.46 | -19.86 0.50 38.24 | 12.07 0.88 10.92 | 21.33 1.13 5.96 | 28.09 1.26 2.47 | 30.40 1.30 0.00 | 28.66 1.33 0.00 | 25.14 1.49 5.52 | 41.27 2.12 0.00 | 39.03 2.13 0.00 | 37.31 1.95 0.00 | 37.98 1.62 0.00 | 38.73 1.47 0.00 | 36.82 1.32 0.00 | 33.62 1.14 0.00 | 27.68 0.95 0.00 | 26.40 0.91 0.00 |
| CRESCENT__HYD 24018 | 26.38 0.67 0.00 | 25.44 0.68 0.00 | 23.14 0.65 0.00 | 23.65 0.67 0.00 | 23.34 0.69 0.00 | 25.12 0.70 0.00 | 35.15 0.94 0.00 | 26.81 0.69 -1.25 | 27.24 0.62 -8.74 | 25.44 0.83 -2.49 | 28.46 0.94 -1.36 | 30.87 1.00 -0.57 | 30.14 1.04 0.00 | 28.37 1.03 0.00 | 31.60 1.17 -1.26 | 40.98 1.83 0.00 | 38.57 1.67 0.00 | 36.91 1.55 0.00 | 37.94 1.58 0.00 | 38.77 1.51 0.00 | 36.92 1.43 0.00 | 33.86 1.39 0.00 | 27.82 1.09 0.00 | 26.53 1.04 0.00 |
| CRICKET__VALLEY_CC1 323756 | 26.17 0.45 0.00 | 25.29 0.53 0.00 | 23.04 0.55 0.00 | 23.50 0.53 0.00 | 23.16 0.51 0.00 | 24.84 0.42 0.00 | 34.78 0.58 0.00 | 29.11 0.58 -3.66 | 44.15 0.63 -25.64 | 30.44 1.01 -7.32 | 31.47 1.32 -4.00 | 32.47 1.51 -1.66 | 30.67 1.57 0.00 | 28.93 1.60 0.00 | 34.66 1.79 -3.70 | 41.83 2.67 0.00 | 39.52 2.62 0.00 | 37.73 2.38 0.00 | 38.44 2.08 0.00 | 39.15 1.88 0.00 | 37.22 1.72 0.00 | 34.02 1.55 0.00 | 27.99 1.26 0.00 | 26.68 1.18 0.00 |
| CRICKET__VALLEY_CC2 323757 | 26.17 0.45 0.00 | 25.29 0.53 0.00 | 23.04 0.55 0.00 | 23.50 0.53 0.00 | 23.16 0.51 0.00 | 24.84 0.42 0.00 | 34.78 0.58 0.00 | 29.11 0.58 -3.66 | 44.15 0.63 -25.64 | 30.44 1.01 -7.32 | 31.47 1.32 -4.00 | 32.47 1.51 -1.66 | 30.67 1.57 0.00 | 28.93 1.60 0.00 | 34.66 1.79 -3.70 | 41.83 2.67 0.00 | 39.52 2.62 0.00 | 37.73 2.38 0.00 | 38.44 2.08 0.00 | 39.15 1.88 0.00 | 37.22 1.72 0.00 | 34.02 1.55 0.00 | 27.99 1.26 0.00 | 26.68 1.18 0.00 |
| CRICKET__VALLEY_CC3 323758 | 26.17 0.45 0.00 | 25.29 0.53 0.00 | 23.04 0.55 0.00 | 23.50 0.53 0.00 | 23.16 0.51 0.00 | 24.84 0.42 0.00 | 34.78 0.58 0.00 | 29.11 0.58 -3.66 | 44.15 0.63 -25.64 | 30.44 1.01 -7.32 | 31.47 1.32 -4.00 | 32.47 1.51 -1.66 | 30.67 1.57 0.00 | 28.93 1.60 0.00 | 34.66 1.79 -3.70 | 41.83 2.67 0.00 | 39.52 2.62 0.00 | 37.73 2.38 0.00 | 38.44 2.08 0.00 | 39.15 1.88 0.00 | 37.22 1.72 0.00 | 34.02 1.55 0.00 | 27.99 1.26 0.00 | 26.68 1.18 0.00 |
| CRUCIBLE_METL_DRP 24180 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| DAHOWA__HYDRO 323763 | 26.89 1.17 0.00 | 25.90 1.15 0.00 | 23.54 1.05 0.00 | 24.06 1.08 0.00 | 23.73 1.08 0.00 | 25.61 1.19 0.00 | 35.91 1.71 0.00 | 27.22 1.20 -1.14 | 26.87 0.97 -8.02 | 25.59 1.19 -2.29 | 28.64 1.23 -1.25 | 31.15 1.33 -0.52 | 30.40 1.30 0.00 | 28.56 1.23 0.00 | 31.66 1.33 -1.16 | 41.30 2.15 0.00 | 38.90 2.00 0.00 | 37.34 1.98 0.00 | 38.64 2.28 0.00 | 39.56 2.29 0.00 | 37.69 2.19 0.00 | 34.53 2.05 0.00 | 28.36 1.63 0.00 | 27.01 1.52 0.00 |
| DANC__LFGE 323619 | 25.94 0.22 0.00 | 24.96 0.20 0.00 | 22.32 -0.16 0.00 | 22.80 -0.18 0.00 | 22.59 -0.05 0.00 | 24.48 0.06 0.00 | 34.26 0.05 0.00 | 24.66 -0.22 0.00 | 17.74 -0.14 0.00 | 22.23 0.12 0.00 | 26.18 0.02 0.00 | 29.28 -0.02 0.00 | 28.61 -0.49 0.00 | 26.51 -0.83 0.00 | 28.07 -1.10 0.00 | 37.30 -1.85 0.00 | 35.12 -1.79 0.00 | 33.78 -1.57 0.00 | 35.27 -1.08 0.00 | 36.90 -0.37 0.00 | 35.42 -0.08 0.00 | 31.96 -0.52 0.00 | 26.53 -0.20 0.00 | 25.15 -0.34 0.00 |
| DANSKAMMER__1 23586 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.82 0.00 | 25.24 0.81 0.00 | 35.36 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.39 0.00 | 38.54 3.18 0.00 | 39.19 2.83 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.07 1.58 0.00 |
| DANSKAMMER__2 23589 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.82 0.00 | 25.24 0.81 0.00 | 35.36 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.39 0.00 | 38.54 3.18 0.00 | 39.19 2.83 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.07 1.58 0.00 |
| DANSKAMMER__3 23590 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.82 0.00 | 25.24 0.81 0.00 | 35.36 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.39 0.00 | 38.54 3.18 0.00 | 39.19 2.83 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.07 1.58 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4 23591 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.82 0.00 | 25.24 0.81 0.00 | 35.36 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.39 0.00 | 38.54 3.18 0.00 | 39.19 2.83 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.07 1.58 0.00 |
| DANSKAMMER___DIESEL 23592 | 26.69 0.97 0.00 | 25.73 0.97 0.00 | 23.38 0.89 0.00 | 23.81 0.83 0.00 | 23.48 0.83 0.00 | 25.24 0.82 0.00 | 35.37 1.16 0.00 | 25.89 1.01 0.00 | 18.82 0.93 0.00 | 23.55 1.44 0.00 | 28.00 1.84 0.00 | 31.40 2.10 0.00 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 31.59 2.42 0.00 | 42.57 3.42 0.00 | 40.30 3.40 0.00 | 38.54 3.18 0.00 | 39.19 2.84 0.00 | 39.90 2.64 0.00 | 37.90 2.41 0.00 | 34.59 2.12 0.00 | 28.44 1.71 0.00 | 27.08 1.58 0.00 |
| DARBY___SOLAR 323810 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.42 0.93 0.00 | 23.94 0.96 0.00 | 23.62 0.97 0.00 | 25.47 1.05 0.00 | 35.70 1.50 0.00 | 27.08 1.05 -1.16 | 26.87 0.86 -8.13 | 25.50 1.06 -2.32 | 28.52 1.09 -1.27 | 31.00 1.17 -0.53 | 30.26 1.15 0.00 | 28.43 1.09 0.00 | 31.55 1.21 -1.17 | 41.12 1.97 0.00 | 38.72 1.82 0.00 | 37.15 1.79 0.00 | 38.42 2.06 0.00 | 39.33 2.06 0.00 | 37.47 1.97 0.00 | 34.33 1.85 0.00 | 28.20 1.47 0.00 | 26.87 1.37 0.00 |
| DASHVILLE___HYD 23610 | 26.30 0.58 0.00 | 25.36 0.60 0.00 | 23.04 0.55 0.00 | 23.46 0.48 0.00 | 23.13 0.49 0.00 | 24.86 0.44 0.00 | 34.87 0.66 0.00 | 24.81 0.63 0.69 | 13.68 0.65 4.85 | 21.81 1.09 1.38 | 26.80 1.40 0.76 | 30.55 1.56 0.31 | 30.72 1.62 0.00 | 28.99 1.65 0.00 | 30.34 1.87 0.70 | 41.79 2.64 0.00 | 39.52 2.62 0.00 | 37.83 2.47 0.00 | 38.50 2.14 0.00 | 39.22 1.95 0.00 | 37.27 1.78 0.00 | 34.03 1.55 0.00 | 28.00 1.27 0.00 | 26.66 1.17 0.00 |
| DELAWARE___LFGE 323621 | 26.03 0.31 0.00 | 25.10 0.35 0.00 | 22.80 0.31 0.00 | 23.25 0.28 0.00 | 22.92 0.27 0.00 | 24.72 0.30 0.00 | 34.66 0.46 0.00 | 24.46 0.36 0.78 | 12.73 0.30 5.45 | 21.05 0.50 1.56 | 25.90 0.58 0.85 | 29.63 0.67 0.35 | 29.80 0.69 0.00 | 28.01 0.68 0.00 | 29.13 0.75 0.79 | 40.17 1.02 0.00 | 37.93 1.03 0.00 | 36.36 1.00 0.00 | 37.31 0.95 0.00 | 38.23 0.97 0.00 | 36.37 0.87 0.00 | 33.22 0.74 0.00 | 27.31 0.58 0.00 | 26.06 0.57 0.00 |
| DERFIELD_115KV_TB7 355931 | 25.72 0.00 0.00 | 24.78 0.03 0.00 | 22.51 0.02 0.00 | 22.99 0.01 0.00 | 22.67 0.01 0.00 | 24.42 0.00 0.00 | 34.20 -0.01 0.00 | 24.88 0.00 0.00 | 17.91 0.03 0.00 | 22.19 0.07 0.00 | 26.26 0.10 0.00 | 29.41 0.10 0.00 | 29.21 0.11 0.00 | 27.45 0.11 0.00 | 29.30 0.14 0.00 | 39.35 0.20 0.00 | 37.12 0.21 0.00 | 35.58 0.22 0.00 | 36.58 0.22 0.00 | 37.45 0.19 0.00 | 35.67 0.17 0.00 | 32.61 0.13 0.00 | 26.84 0.11 0.00 | 25.60 0.10 0.00 |
| DOGLEVILLE___HYD 23807 | 26.28 0.56 0.00 | 25.39 0.63 0.00 | 23.10 0.61 0.00 | 23.57 0.59 0.00 | 23.26 0.61 0.00 | 25.06 0.64 0.00 | 35.07 0.87 0.00 | 25.59 0.72 0.00 | 18.42 0.54 0.00 | 22.52 0.40 0.00 | 26.51 0.35 0.00 | 29.76 0.46 0.00 | 29.58 0.48 0.00 | 27.94 0.61 0.00 | 29.86 0.70 0.00 | 40.39 1.24 0.00 | 38.31 1.41 0.00 | 36.62 1.26 0.00 | 38.23 1.87 0.00 | 39.14 1.88 0.00 | 37.26 1.76 0.00 | 34.08 1.60 0.00 | 27.93 1.20 0.00 | 26.53 1.04 0.00 |
| DUNKIRK__115KV_TB_200 55889 | 24.87 -0.85 0.00 | 24.25 -0.51 0.00 | 22.02 -0.47 0.00 | 22.45 -0.53 0.00 | 22.07 -0.58 0.00 | 24.05 -0.37 0.00 | 33.74 -0.47 0.00 | 24.37 -0.50 0.00 | 17.45 -0.43 0.00 | 21.94 -0.17 0.00 | 25.65 -0.51 0.00 | 28.63 -0.68 0.00 | 28.46 -0.64 0.00 | 26.41 -0.92 0.00 | 26.59 -1.19 1.39 | 34.22 -2.12 2.80 | 25.27 -1.83 9.80 | 24.84 -1.65 8.86 | 32.11 -1.76 2.49 | 35.95 -1.32 0.00 | 34.18 -1.31 0.00 | 31.33 -1.15 0.00 | 26.01 -0.72 0.00 | 24.99 -0.50 0.00 |
| DUNKIRK___1 23563 | 24.87 -0.85 0.00 | 24.25 -0.51 0.00 | 22.02 -0.47 0.00 | 22.45 -0.53 0.00 | 22.07 -0.58 0.00 | 24.05 -0.37 0.00 | 33.74 -0.47 0.00 | 24.37 -0.50 0.00 | 17.45 -0.43 0.00 | 21.94 -0.17 0.00 | 25.65 -0.51 0.00 | 28.63 -0.68 0.00 | 28.46 -0.64 0.00 | 26.41 -0.92 0.00 | 26.59 -1.19 1.39 | 34.22 -2.12 2.80 | 25.27 -1.83 9.80 | 24.84 -1.65 8.86 | 32.11 -1.76 2.49 | 35.95 -1.32 0.00 | 34.18 -1.31 0.00 | 31.33 -1.15 0.00 | 26.01 -0.72 0.00 | 24.99 -0.50 0.00 |
| DUNKIRK___2 23564 | 24.87 -0.85 0.00 | 24.25 -0.51 0.00 | 22.02 -0.47 0.00 | 22.45 -0.53 0.00 | 22.07 -0.58 0.00 | 24.05 -0.37 0.00 | 33.74 -0.47 0.00 | 24.37 -0.50 0.00 | 17.45 -0.43 0.00 | 21.94 -0.17 0.00 | 25.65 -0.51 0.00 | 28.63 -0.68 0.00 | 28.46 -0.64 0.00 | 26.41 -0.92 0.00 | 26.59 -1.19 1.39 | 34.22 -2.12 2.80 | 25.27 -1.83 9.80 | 24.84 -1.65 8.86 | 32.11 -1.76 2.49 | 35.95 -1.32 0.00 | 34.18 -1.31 0.00 | 31.33 -1.15 0.00 | 26.01 -0.72 0.00 | 24.99 -0.50 0.00 |
| DUNKIRK___3 23565 | 24.87 -0.85 0.00 | 24.17 -0.59 0.00 | 21.94 -0.55 0.00 | 22.37 -0.60 0.00 | 22.00 -0.64 0.00 | 23.97 -0.45 0.00 | 33.62 -0.59 0.00 | 24.27 -0.61 0.00 | 17.36 -0.52 0.00 | 21.85 -0.26 0.00 | 25.56 -0.59 0.00 | 28.53 -0.77 0.00 | 28.34 -0.76 0.00 | 26.35 -0.99 0.00 | 26.48 -1.22 1.46 | 34.05 -2.16 2.93 | 24.69 -1.94 10.27 | 24.26 -1.75 9.34 | 31.88 -1.86 2.62 | 35.81 -1.46 0.00 | 34.05 -1.45 0.00 | 31.21 -1.26 0.00 | 25.94 -0.79 0.00 | 24.92 -0.57 0.00 |
| DUNKIRK___4 23566 | 24.87 -0.85 0.00 | 24.17 -0.59 0.00 | 21.94 -0.55 0.00 | 22.37 -0.60 0.00 | 22.00 -0.64 0.00 | 23.97 -0.45 0.00 | 33.62 -0.59 0.00 | 24.27 -0.61 0.00 | 17.36 -0.52 0.00 | 21.85 -0.26 0.00 | 25.56 -0.59 0.00 | 28.53 -0.77 0.00 | 28.34 -0.76 0.00 | 26.35 -0.99 0.00 | 26.48 -1.22 1.46 | 34.05 -2.16 2.93 | 24.69 -1.94 10.27 | 24.26 -1.75 9.34 | 31.88 -1.86 2.62 | 35.81 -1.46 0.00 | 34.05 -1.45 0.00 | 31.21 -1.26 0.00 | 25.94 -0.79 0.00 | 24.92 -0.57 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 26.73 1.01 0.00 | 25.76 1.01 0.00 | 23.41 0.92 0.00 | 23.82 0.84 0.00 | 23.49 0.84 0.00 | 25.23 0.81 0.00 | 35.38 1.17 0.00 | 32.28 1.05 -6.35 | 63.38 0.98 -44.52 | 36.38 1.56 -12.71 | 35.14 2.05 -6.94 | 34.55 2.36 -2.88 | 31.50 2.40 0.00 | 29.74 2.40 0.00 | 38.23 2.64 -6.42 | 42.82 3.67 0.00 | 40.52 3.62 0.00 | 38.67 3.32 0.00 | 39.23 2.87 0.00 | 39.87 2.61 0.00 | 37.91 2.41 0.00 | 34.65 2.18 0.00 | 28.52 1.78 0.00 | 27.16 1.67 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 26.49 0.77 0.00 | 25.53 0.77 0.00 | 23.18 0.70 0.00 | 23.60 0.62 0.00 | 23.27 0.62 0.00 | 25.02 0.60 0.00 | 35.06 0.85 0.00 | 23.12 0.76 2.53 | 0.93 0.75 17.70 | 18.27 1.22 5.05 | 24.96 1.56 2.76 | 29.91 1.76 1.15 | 30.92 1.82 0.00 | 29.17 1.83 0.00 | 28.66 2.05 2.55 | 42.06 2.91 0.00 | 39.80 2.90 0.00 | 38.07 2.72 0.00 | 38.73 2.37 0.00 | 39.46 2.19 0.00 | 37.49 1.99 0.00 | 34.22 1.74 0.00 | 28.15 1.42 0.00 | 26.82 1.33 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 26.82 1.10 0.00 | 25.87 1.11 0.00 | 23.50 1.01 0.00 | 23.87 0.89 0.00 | 23.56 0.91 0.00 | 25.30 0.87 0.00 | 35.51 1.30 0.00 | 32.41 1.19 -6.35 | 63.44 1.06 -44.50 | 36.49 1.67 -12.71 | 35.29 2.20 -6.93 | 34.75 2.57 -2.88 | 31.65 2.55 0.00 | 29.92 2.58 0.00 | 38.36 2.78 -6.42 | 42.98 3.83 0.00 | 40.70 3.80 0.00 | 38.83 3.48 0.00 | 39.29 2.93 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.89 2.41 0.00 | 28.68 1.95 0.00 | 27.32 1.83 0.00 |

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| E179THST_13_KV_LOAD 356214 | 26.96 1.24 0.00 | 26.01 1.25 0.00 | 23.62 1.13 0.00 | 23.98 1.00 0.00 | 23.67 1.02 0.00 | 25.42 1.00 0.00 | 35.69 1.49 0.00 | 32.55 1.33 -6.35 | 63.55 1.17 -44.50 | 36.62 1.80 -12.71 | 35.45 2.36 -6.93 | 34.93 2.75 -2.88 | 31.83 2.72 0.00 | 30.09 2.75 0.00 | 38.55 2.97 -6.42 | 43.22 4.07 0.00 | 40.93 4.03 0.00 | 39.06 3.70 0.00 | 39.51 3.16 0.00 | 40.27 3.00 0.00 | 38.34 2.85 0.00 | 35.08 2.61 0.00 | 28.84 2.11 0.00 | 27.47 1.98 0.00 |
| EAST HAMPTON___GT 23717 | 27.74 2.02 0.00 | 26.88 2.13 0.00 | 24.40 1.91 0.00 | 24.80 1.83 0.00 | 24.42 1.77 0.00 | 26.30 1.88 0.00 | 36.92 2.72 0.00 | 33.49 2.29 -6.33 | 64.16 1.92 -44.35 | 37.65 2.87 -12.67 | 37.77 4.07 -7.53 | 38.17 4.41 -4.46 | 33.23 4.13 0.00 | 31.45 4.12 0.00 | 39.75 4.19 -6.40 | 44.47 5.32 0.00 | 41.23 4.33 0.00 | 39.31 3.95 0.00 | 39.92 3.57 0.00 | 39.87 2.60 0.00 | 37.94 2.44 0.00 | 34.73 2.25 0.00 | 28.66 1.92 0.00 | 27.15 1.65 0.00 |
| EAST RIVER___6 23660 | 26.89 1.17 0.00 | 25.91 1.15 0.00 | 23.53 1.04 0.00 | 23.91 0.94 0.00 | 23.60 0.95 0.00 | 25.36 0.94 0.00 | 35.59 1.38 0.00 | 32.49 1.26 -6.36 | 63.59 1.16 -44.55 | 36.66 1.83 -12.72 | 35.48 2.38 -6.94 | 34.96 2.78 -2.88 | 31.91 2.80 0.00 | 30.13 2.79 0.00 | 38.64 3.05 -6.43 | 43.33 4.18 0.00 | 41.05 4.15 0.00 | 39.14 3.79 0.00 | 39.60 3.25 0.00 | 40.24 2.98 0.00 | 38.26 2.76 0.00 | 34.94 2.46 0.00 | 28.76 2.03 0.00 | 27.37 1.88 0.00 |
| EAST RIVER___7 23524 | 26.89 1.17 0.00 | 25.91 1.15 0.00 | 23.53 1.04 0.00 | 23.91 0.94 0.00 | 23.60 0.95 0.00 | 25.36 0.94 0.00 | 35.59 1.38 0.00 | 32.49 1.26 -6.36 | 63.59 1.16 -44.55 | 36.66 1.83 -12.72 | 35.48 2.38 -6.94 | 34.96 2.78 -2.88 | 31.91 2.80 0.00 | 30.13 2.79 0.00 | 38.64 3.05 -6.43 | 43.33 4.18 0.00 | 41.05 4.15 0.00 | 39.14 3.79 0.00 | 39.60 3.25 0.00 | 40.24 2.98 0.00 | 38.26 2.76 0.00 | 34.94 2.46 0.00 | 28.76 2.03 0.00 | 27.37 1.88 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 26.66 0.94 0.00 | 25.70 0.94 0.00 | 23.35 0.86 0.00 | 23.75 0.78 0.00 | 23.43 0.78 0.00 | 25.17 0.75 0.00 | 35.28 1.07 0.00 | 32.42 0.97 -6.57 | 64.89 0.92 -46.09 | 36.74 1.47 -13.16 | 35.28 1.94 -7.18 | 34.52 2.24 -2.98 | 31.38 2.28 0.00 | 29.62 2.28 0.00 | 38.33 2.52 -6.65 | 42.66 3.51 0.00 | 40.37 3.47 0.00 | 38.53 3.18 0.00 | 39.10 2.74 0.00 | 39.77 2.50 0.00 | 37.80 2.31 0.00 | 34.53 2.06 0.00 | 28.43 1.70 0.00 | 27.08 1.59 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 27.74 2.02 0.00 | 26.89 2.13 0.00 | 24.41 1.92 0.00 | 24.81 1.84 0.00 | 24.43 1.78 0.00 | 26.32 1.90 0.00 | 36.94 2.73 0.00 | 33.50 2.30 -6.33 | 64.16 1.93 -44.35 | 37.67 2.89 -12.67 | 37.77 4.08 -7.53 | 38.19 4.43 -4.46 | 33.25 4.15 0.00 | 31.46 4.13 0.00 | 39.75 4.19 -6.40 | 44.47 5.32 0.00 | 41.17 4.26 0.00 | 39.23 3.87 0.00 | 39.85 3.49 0.00 | 39.76 2.50 0.00 | 37.83 2.33 0.00 | 34.62 2.15 0.00 | 28.58 1.84 0.00 | 27.07 1.58 0.00 |
| EAST_POINT___SOLAR 323840 | 26.88 1.16 0.00 | 25.87 1.11 0.00 | 23.44 0.95 0.00 | 23.91 0.93 0.00 | 23.61 0.97 0.00 | 25.51 1.09 0.00 | 35.92 1.72 0.00 | 26.83 1.17 -0.79 | 23.67 0.28 -5.51 | 23.40 -0.28 -1.58 | 26.62 -0.40 -0.86 | 29.70 0.04 -0.36 | 28.88 -0.22 0.00 | 27.21 -0.12 0.00 | 29.76 -0.20 -0.79 | 39.08 -0.07 0.00 | 37.27 0.37 0.00 | 35.68 0.33 0.00 | 38.02 1.67 0.00 | 39.25 1.98 0.00 | 37.51 2.01 0.00 | 34.18 1.70 0.00 | 27.98 1.25 0.00 | 26.63 1.14 0.00 |
| EAST_PULASKI___ESR 323781 | 25.52 -0.20 0.00 | 24.57 -0.19 0.00 | 22.17 -0.32 0.00 | 22.64 -0.34 0.00 | 22.36 -0.29 0.00 | 24.18 -0.24 0.00 | 33.84 -0.37 0.00 | 24.48 -0.39 0.00 | 17.59 -0.29 0.00 | 21.93 -0.18 0.00 | 25.85 -0.31 0.00 | 28.96 -0.34 0.00 | 28.56 -0.54 0.00 | 26.70 -0.64 0.00 | 28.40 -0.77 0.00 | 37.94 -1.21 0.00 | 35.69 -1.21 0.00 | 34.32 -1.04 0.00 | 35.49 -0.87 0.00 | 36.72 -0.54 0.00 | 35.08 -0.41 0.00 | 31.90 -0.58 0.00 | 26.40 -0.33 0.00 | 25.11 -0.38 0.00 |
| EAST_RIVER___1 323558 | 26.85 1.13 0.00 | 25.86 1.10 0.00 | 23.50 1.01 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.52 1.31 0.00 | 32.43 1.20 -6.36 | 63.54 1.10 -44.55 | 36.58 1.75 -12.72 | 35.38 2.28 -6.94 | 34.84 2.66 -2.88 | 31.78 2.68 0.00 | 30.02 2.68 0.00 | 38.53 2.94 -6.43 | 43.19 4.05 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.49 3.13 0.00 | 40.14 2.87 0.00 | 38.16 2.66 0.00 | 34.86 2.38 0.00 | 28.70 1.96 0.00 | 27.32 1.83 0.00 |
| EAST_RIVER___2 323559 | 26.89 1.17 0.00 | 25.91 1.15 0.00 | 23.53 1.04 0.00 | 23.91 0.94 0.00 | 23.60 0.95 0.00 | 25.36 0.94 0.00 | 35.59 1.38 0.00 | 32.49 1.26 -6.36 | 63.59 1.16 -44.55 | 36.66 1.83 -12.72 | 35.48 2.38 -6.94 | 34.96 2.78 -2.88 | 31.91 2.80 0.00 | 30.13 2.79 0.00 | 38.64 3.05 -6.43 | 43.33 4.18 0.00 | 41.05 4.15 0.00 | 39.14 3.79 0.00 | 39.60 3.25 0.00 | 40.24 2.98 0.00 | 38.26 2.76 0.00 | 34.94 2.46 0.00 | 28.76 2.03 0.00 | 27.37 1.88 0.00 |
| EAST___DELAWARE_HYD 23607 | 25.86 0.14 0.00 | 24.91 0.15 0.00 | 22.61 0.12 0.00 | 23.01 0.03 0.00 | 22.68 0.03 0.00 | 24.40 -0.02 0.00 | 34.21 0.00 0.00 | 22.95 0.17 2.10 | 3.69 0.49 14.68 | 18.72 0.80 4.19 | 24.87 1.00 2.29 | 29.41 1.06 0.95 | 30.23 1.13 0.00 | 28.56 1.23 0.00 | 28.47 1.42 2.12 | 41.01 1.86 0.00 | 38.12 1.22 0.00 | 36.50 1.14 0.00 | 37.25 0.89 0.00 | 37.98 0.71 0.00 | 36.08 0.58 0.00 | 32.99 0.51 0.00 | 27.71 0.98 0.00 | 26.35 0.85 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.20 -0.52 0.00 | 24.55 -0.20 0.00 | 22.27 -0.22 0.00 | 22.54 -0.44 0.00 | 21.85 -0.79 0.00 | 23.81 -0.61 0.00 | 33.65 -0.56 0.00 | 24.23 -0.65 0.00 | 17.37 -0.51 0.00 | 21.45 -0.67 0.00 | 25.31 -0.85 0.00 | 28.35 -0.95 0.00 | 27.87 -1.23 0.00 | 25.64 -1.69 0.00 | 32.39 -1.51 -4.74 | 45.76 -2.20 -8.80 | 65.34 -2.24 -30.68 | 61.58 -1.89 -28.12 | 42.68 -1.58 -7.90 | 35.76 -1.51 0.00 | 34.17 -1.33 0.00 | 31.18 -1.30 0.00 | 25.80 -0.93 0.00 | 24.87 -0.63 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 25.34 -0.38 0.00 | 24.42 -0.34 0.00 | 22.16 -0.33 0.00 | 22.60 -0.37 0.00 | 22.27 -0.38 0.00 | 24.07 -0.35 0.00 | 33.74 -0.47 0.00 | 24.46 -0.41 0.00 | 17.55 -0.33 0.00 | 21.83 -0.28 0.00 | 25.74 -0.41 0.00 | 28.87 -0.43 0.00 | 28.73 -0.38 0.00 | 26.98 -0.35 0.00 | 28.82 -0.34 0.00 | 38.66 -0.49 0.00 | 36.29 -0.61 0.00 | 34.84 -0.52 0.00 | 35.84 -0.52 0.00 | 36.81 -0.46 0.00 | 35.04 -0.46 0.00 | 32.01 -0.47 0.00 | 26.38 -0.35 0.00 | 25.22 -0.28 0.00 |
| ELEC_TRO_TEK 24086 | 26.81 1.09 0.00 | 25.85 1.09 0.00 | 23.45 0.96 0.00 | 23.87 0.89 0.00 | 23.52 0.87 0.00 | 25.29 0.86 0.00 | 35.46 1.25 0.00 | 32.33 1.12 -6.33 | 63.26 1.03 -44.35 | 36.43 1.65 -12.67 | 36.03 2.34 -7.53 | 36.39 2.63 -4.46 | 31.64 2.54 0.00 | 29.95 2.62 0.00 | 38.37 2.81 -6.40 | 43.01 3.86 0.00 | 40.71 3.81 0.00 | 38.95 3.59 0.00 | 39.48 3.12 0.00 | 39.99 2.72 0.00 | 38.15 2.65 0.00 | 34.82 2.34 0.00 | 28.68 1.94 0.00 | 27.32 1.82 0.00 |
| ELLENBURG_WT_PWR 323604 | 25.95 0.23 0.00 | 24.86 0.10 0.00 | 22.67 0.18 0.00 | 23.28 0.30 0.00 | 22.93 0.28 0.00 | 24.72 0.30 0.00 | 34.77 0.56 0.00 | 25.29 0.41 0.00 | 18.09 0.21 0.00 | 22.12 0.00 0.00 | 26.06 -0.10 0.00 | 29.20 -0.10 0.00 | 28.97 -0.13 0.00 | 27.07 -0.26 0.00 | 28.72 -0.44 0.00 | 38.35 -0.80 0.00 | 36.25 -0.65 0.00 | 34.46 -0.90 0.00 | 35.78 -0.57 0.00 | 36.94 -0.33 0.00 | 35.21 -0.29 0.00 | 32.36 -0.11 0.00 | 26.44 -0.29 0.00 | 25.13 -0.36 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 24.91 -0.81 0.00 | 24.04 -0.71 0.00 | 21.84 -0.65 0.00 | 22.29 -0.69 0.00 | 21.97 -0.68 0.00 | 23.92 -0.50 0.00 | 33.49 -0.72 0.00 | 24.09 -0.79 0.00 | 17.22 -0.66 0.00 | 21.70 -0.42 0.00 | 25.44 -0.71 0.00 | 28.36 -0.94 0.00 | 28.14 -0.96 0.00 | 26.20 -1.14 0.00 | 26.28 -1.35 1.53 | 33.77 -2.35 3.03 | 24.03 -2.26 10.61 | 23.67 -1.99 9.70 | 31.60 -2.04 2.72 | 35.50 -1.76 0.00 | 33.79 -1.70 0.00 | 31.03 -1.45 0.00 | 25.81 -0.92 0.00 | 24.84 -0.66 0.00 |
| EMPIRE_CC_1 323656 | 25.92 0.19 0.00 | 25.01 0.25 0.00 | 22.77 0.29 0.00 | 23.36 0.38 0.00 | 23.04 0.40 0.00 | 24.76 0.34 0.00 | 34.53 0.32 0.00 | 26.79 0.24 -1.68 | 29.96 0.31 -11.77 | 25.95 0.48 -3.36 | 28.58 0.58 -1.83 | 30.65 0.58 -0.76 | 29.75 0.65 0.00 | 28.01 0.67 0.00 | 31.67 0.80 -1.70 | 40.44 1.29 0.00 | 38.05 1.15 0.00 | 36.35 0.99 0.00 | 37.27 0.91 0.00 | 38.05 0.79 0.00 | 36.26 0.76 0.00 | 33.27 0.79 0.00 | 27.35 0.62 0.00 | 26.13 0.64 0.00 |
| EMPIRE_CC_2 323658 | 25.92 0.19 0.00 | 25.01 0.25 0.00 | 22.77 0.29 0.00 | 23.36 0.38 0.00 | 23.04 0.40 0.00 | 24.76 0.34 0.00 | 34.53 0.32 0.00 | 26.79 0.24 -1.68 | 29.96 0.31 -11.77 | 25.95 0.48 -3.36 | 28.58 0.58 -1.83 | 30.65 0.58 -0.76 | 29.75 0.65 0.00 | 28.01 0.67 0.00 | 31.67 0.80 -1.70 | 40.44 1.29 0.00 | 38.05 1.15 0.00 | 36.35 0.99 0.00 | 37.27 0.91 0.00 | 38.05 0.79 0.00 | 36.26 0.76 0.00 | 33.27 0.79 0.00 | 27.35 0.62 0.00 | 26.13 0.64 0.00 |
| ENORWICH_115KV_TB1 80156 | 27.38 1.66 0.00 | 26.60 1.84 0.00 | 24.07 1.58 0.00 | 24.60 1.63 0.00 | 24.20 1.55 0.00 | 26.28 1.86 0.00 | 36.93 2.72 0.00 | 25.76 2.03 1.14 | 11.24 1.37 8.02 | 21.55 1.72 2.29 | 26.63 1.73 1.25 | 30.72 1.94 0.52 | 31.12 2.02 0.00 | 29.18 1.84 0.00 | 30.09 2.08 1.16 | 41.85 2.70 0.00 | 39.24 2.34 0.00 | 38.26 2.91 0.00 | 39.53 3.17 0.00 | 40.86 3.59 0.00 | 38.67 3.17 0.00 | 34.95 2.48 0.00 | 28.51 1.77 0.00 | 27.36 1.87 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 25.05 -0.67 0.00 | 24.16 -0.59 0.00 | 21.93 -0.56 0.00 | 22.37 -0.61 0.00 | 22.04 -0.61 0.00 | 24.00 -0.42 0.00 | 33.66 -0.55 0.00 | 24.25 -0.62 0.00 | 17.35 -0.53 0.00 | 21.87 -0.24 0.00 | 25.67 -0.49 0.00 | 28.64 -0.66 0.00 | 28.43 -0.68 0.00 | 26.48 -0.86 0.00 | 26.85 -1.02 1.29 | 34.66 -1.88 2.61 | 26.03 -1.75 9.12 | 25.42 -1.59 8.35 | 32.34 -1.68 2.34 | 35.87 -1.39 0.00 | 34.13 -1.37 0.00 | 31.30 -1.18 0.00 | 26.01 -0.72 0.00 | 24.99 -0.50 0.00 |
| ERIE_WT_PWR 323693 | 24.99 -0.73 0.00 | 24.13 -0.63 0.00 | 21.92 -0.57 0.00 | 22.37 -0.61 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.19 -0.68 0.00 | 17.30 -0.58 0.00 | 21.79 -0.32 0.00 | 25.55 -0.61 0.00 | 28.45 -0.85 0.00 | 28.20 -0.90 0.00 | 26.24 -1.09 0.00 | 26.43 -1.28 1.46 | 33.99 -2.25 2.91 | 24.58 -2.13 10.19 | 24.18 -1.87 9.31 | 31.85 -1.90 2.61 | 35.64 -1.62 0.00 | 33.92 -1.57 0.00 | 31.15 -1.33 0.00 | 25.90 -0.83 0.00 | 24.91 -0.58 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 26.43 0.70 0.00 | 25.44 0.68 0.00 | 23.05 0.56 0.00 | 23.50 0.53 0.00 | 23.18 0.53 0.00 | 25.03 0.61 0.00 | 35.21 1.00 0.00 | 25.58 0.70 0.00 | 18.28 0.40 0.00 | 22.57 0.45 0.00 | 26.69 0.53 0.00 | 29.98 0.67 0.00 | 29.68 0.58 0.00 | 27.84 0.51 0.00 | 29.64 0.47 0.00 | 39.67 0.52 0.00 | 37.52 0.62 0.00 | 36.11 0.75 0.00 | 37.28 0.92 0.00 | 38.44 1.18 0.00 | 36.65 1.16 0.00 | 33.39 0.91 0.00 | 27.35 0.62 0.00 | 26.12 0.62 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 25.83 0.11 0.00 | 24.90 0.14 0.00 | 22.59 0.09 0.00 | 23.04 0.06 0.00 | 22.68 0.03 0.00 | 24.53 0.11 0.00 | 34.40 0.19 0.00 | 24.97 0.09 0.00 | 17.85 -0.04 0.00 | 22.13 0.02 0.00 | 26.06 -0.10 0.00 | 29.23 -0.07 0.00 | 29.18 0.07 0.00 | 27.39 0.05 0.00 | 29.64 0.03 -0.44 | 40.23 0.22 -0.87 | 39.82 -0.08 -2.99 | 38.27 0.15 -2.76 | 37.45 0.32 -0.78 | 37.78 0.51 0.00 | 35.97 0.48 0.00 | 32.80 0.32 0.00 | 27.02 0.28 0.00 | 25.78 0.29 0.00 |
| ETNA____115KV_TB2 80207 | 25.83 0.11 0.00 | 24.90 0.14 0.00 | 22.59 0.09 0.00 | 23.04 0.06 0.00 | 22.68 0.03 0.00 | 24.53 0.11 0.00 | 34.40 0.19 0.00 | 24.97 0.09 0.00 | 17.85 -0.04 0.00 | 22.13 0.02 0.00 | 26.06 -0.10 0.00 | 29.23 -0.07 0.00 | 29.18 0.07 0.00 | 27.39 0.05 0.00 | 29.64 0.03 -0.44 | 40.23 0.22 -0.87 | 39.82 -0.08 -2.99 | 38.27 0.15 -2.76 | 37.45 0.32 -0.78 | 37.78 0.51 0.00 | 35.97 0.48 0.00 | 32.80 0.32 0.00 | 27.02 0.28 0.00 | 25.78 0.29 0.00 |
| EUCLID____115KV_TB2 356179 | 25.21 -0.51 0.00 | 24.29 -0.47 0.00 | 22.05 -0.44 0.00 | 22.51 -0.46 0.00 | 22.19 -0.46 0.00 | 23.97 -0.45 0.00 | 33.54 -0.68 0.00 | 24.35 -0.53 0.00 | 17.49 -0.39 0.00 | 21.75 -0.36 0.00 | 25.68 -0.48 0.00 | 28.79 -0.51 0.00 | 28.60 -0.50 0.00 | 26.87 -0.47 0.00 | 28.68 -0.48 0.00 | 38.45 -0.70 0.00 | 36.15 -0.75 0.00 | 34.71 -0.65 0.00 | 35.68 -0.68 0.00 | 36.63 -0.64 0.00 | 34.87 -0.63 0.00 | 31.86 -0.62 0.00 | 26.27 -0.46 0.00 | 25.08 -0.42 0.00 |
| E_CANADA_CAP_HY 24051 | 26.60 0.87 0.00 | 25.58 0.82 0.00 | 23.16 0.67 0.00 | 23.63 0.66 0.00 | 23.34 0.69 0.00 | 25.18 0.76 0.00 | 35.44 1.23 0.00 | 26.36 0.83 -0.66 | 22.89 0.39 -4.61 | 23.63 0.20 -1.32 | 27.06 0.19 -0.72 | 29.94 0.34 -0.30 | 29.27 0.17 0.00 | 27.49 0.15 0.00 | 29.88 0.05 -0.67 | 39.13 -0.02 0.00 | 37.05 0.15 0.00 | 35.68 0.33 0.00 | 37.14 0.78 0.00 | 38.41 1.15 0.00 | 36.74 1.25 0.00 | 33.51 1.03 0.00 | 27.45 0.72 0.00 | 26.18 0.68 0.00 |
| E_CANADA_MHWK_HY 24050 | 26.28 0.56 0.00 | 25.39 0.63 0.00 | 23.10 0.61 0.00 | 23.57 0.59 0.00 | 23.26 0.61 0.00 | 25.06 0.64 0.00 | 35.07 0.87 0.00 | 25.59 0.72 0.00 | 18.42 0.54 0.00 | 22.52 0.40 0.00 | 26.51 0.35 0.00 | 29.76 0.46 0.00 | 29.58 0.48 0.00 | 27.94 0.61 0.00 | 29.86 0.70 0.00 | 40.39 1.24 0.00 | 38.31 1.41 0.00 | 36.62 1.26 0.00 | 38.23 1.87 0.00 | 39.14 1.88 0.00 | 37.26 1.76 0.00 | 34.08 1.60 0.00 | 27.93 1.20 0.00 | 26.53 1.04 0.00 |
| E_FISHKILL__LBMP 23776 | 26.46 0.74 0.00 | 25.53 0.78 0.00 | 23.22 0.73 0.00 | 23.65 0.67 0.00 | 23.32 0.67 0.00 | 25.04 0.62 0.00 | 35.08 0.88 0.00 | 29.87 0.80 -4.19 | 48.06 0.78 -29.40 | 31.77 1.26 -8.40 | 32.40 1.65 -4.58 | 33.10 1.90 -1.90 | 31.05 1.95 0.00 | 29.30 1.96 0.00 | 35.58 2.18 -4.24 | 42.24 3.09 0.00 | 39.94 3.04 0.00 | 38.13 2.77 0.00 | 38.76 2.41 0.00 | 39.46 2.19 0.00 | 37.51 2.02 0.00 | 34.29 1.81 0.00 | 28.21 1.48 0.00 | 26.88 1.39 0.00 |
| FALCON__SEABRD_CC1 323796 | 26.28 0.55 0.00 | 25.15 0.40 0.00 | 22.95 0.46 0.00 | 23.55 0.57 0.00 | 23.20 0.55 0.00 | 25.02 0.60 0.00 | 35.21 1.00 0.00 | 25.60 0.73 0.00 | 18.32 0.44 0.00 | 22.40 0.29 0.00 | 26.35 0.19 0.00 | 29.50 0.20 0.00 | 29.29 0.19 0.00 | 27.39 0.05 0.00 | 29.06 -0.11 0.00 | 38.77 -0.38 0.00 | 36.56 -0.34 0.00 | 34.77 -0.59 0.00 | 36.14 -0.22 0.00 | 37.33 0.06 0.00 | 35.58 0.08 0.00 | 32.79 0.31 0.00 | 26.74 0.01 0.00 | 25.41 -0.08 0.00 |
| FALCON__SEABRD_CC2 323797 | 26.28 0.55 0.00 | 25.15 0.40 0.00 | 22.95 0.46 0.00 | 23.55 0.57 0.00 | 23.20 0.55 0.00 | 25.02 0.60 0.00 | 35.21 1.00 0.00 | 25.60 0.73 0.00 | 18.32 0.44 0.00 | 22.40 0.29 0.00 | 26.35 0.19 0.00 | 29.50 0.20 0.00 | 29.29 0.19 0.00 | 27.39 0.05 0.00 | 29.06 -0.11 0.00 | 38.77 -0.38 0.00 | 36.56 -0.34 0.00 | 34.77 -0.59 0.00 | 36.14 -0.22 0.00 | 37.33 0.06 0.00 | 35.58 0.08 0.00 | 32.79 0.31 0.00 | 26.74 0.01 0.00 | 25.41 -0.08 0.00 |

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| FAR ROCKAWAY___4 23548 | 27.23 1.51 0.00 | 26.23 1.48 0.00 | 23.78 1.30 0.00 | 24.20 1.22 0.00 | 23.83 1.18 0.00 | 25.65 1.22 0.00 | 35.95 1.75 0.00 | 32.69 1.49 -6.33 | 63.53 1.29 -44.35 | 36.79 2.01 -12.67 | 36.49 2.80 -7.53 | 36.91 3.15 -4.46 | 32.18 3.07 0.00 | 30.49 3.15 0.00 | 38.97 3.40 -6.40 | 43.82 4.67 0.00 | 41.42 4.52 0.00 | 39.60 4.24 0.00 | 40.11 3.75 0.00 | 40.62 3.36 0.00 | 38.77 3.27 0.00 | 35.46 2.98 0.00 | 29.19 2.45 0.00 | 27.78 2.28 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 26.85 1.13 0.00 | 25.87 1.11 0.00 | 23.50 1.01 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.52 1.32 0.00 | 32.43 1.20 -6.35 | 63.52 1.10 -44.54 | 36.57 1.74 -12.72 | 35.37 2.27 -6.94 | 34.83 2.65 -2.88 | 31.78 2.68 0.00 | 30.01 2.67 0.00 | 38.53 2.93 -6.43 | 43.19 4.04 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.49 3.13 0.00 | 40.14 2.87 0.00 | 38.16 2.67 0.00 | 34.87 2.39 0.00 | 28.71 1.98 0.00 | 27.34 1.84 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 26.86 1.14 0.00 | 25.87 1.12 0.00 | 23.51 1.02 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.53 1.32 0.00 | 32.43 1.20 -6.35 | 63.52 1.10 -44.54 | 36.57 1.74 -12.72 | 35.37 2.27 -6.94 | 34.83 2.65 -2.88 | 31.78 2.67 0.00 | 30.01 2.67 0.00 | 38.52 2.93 -6.43 | 43.18 4.04 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.49 3.13 0.00 | 40.14 2.87 0.00 | 38.17 2.68 0.00 | 34.88 2.40 0.00 | 28.72 1.99 0.00 | 27.34 1.84 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 26.83 1.11 0.00 | 25.85 1.09 0.00 | 23.49 1.00 0.00 | 23.88 0.90 0.00 | 23.55 0.90 0.00 | 25.30 0.88 0.00 | 35.51 1.30 0.00 | 32.41 1.18 -6.35 | 63.51 1.09 -44.54 | 36.56 1.73 -12.72 | 35.35 2.25 -6.94 | 34.81 2.63 -2.88 | 31.76 2.66 0.00 | 29.99 2.65 0.00 | 38.50 2.91 -6.43 | 43.15 4.00 0.00 | 40.85 3.96 0.00 | 38.98 3.62 0.00 | 39.46 3.10 0.00 | 40.10 2.84 0.00 | 38.13 2.63 0.00 | 34.84 2.36 0.00 | 28.69 1.95 0.00 | 27.31 1.82 0.00 |
| FARRAGUT___LBMP 323566 | 26.81 1.09 0.00 | 25.83 1.08 0.00 | 23.47 0.99 0.00 | 23.86 0.88 0.00 | 23.54 0.89 0.00 | 25.29 0.87 0.00 | 35.47 1.26 0.00 | 32.38 1.15 -6.35 | 63.49 1.07 -44.54 | 36.53 1.70 -12.72 | 35.32 2.22 -6.94 | 34.77 2.59 -2.88 | 31.72 2.62 0.00 | 29.96 2.62 0.00 | 38.46 2.87 -6.43 | 43.11 3.96 0.00 | 40.82 3.92 0.00 | 38.94 3.58 0.00 | 39.42 3.06 0.00 | 40.06 2.80 0.00 | 38.10 2.60 0.00 | 34.82 2.34 0.00 | 28.67 1.94 0.00 | 27.29 1.79 0.00 |
| FENNER___WINDPWR 24204 | 26.06 0.34 0.00 | 25.11 0.35 0.00 | 22.74 0.25 0.00 | 23.23 0.25 0.00 | 22.90 0.25 0.00 | 24.75 0.33 0.00 | 34.68 0.47 0.00 | 25.19 0.32 0.00 | 18.05 0.17 0.00 | 22.37 0.26 0.00 | 26.48 0.32 0.00 | 29.63 0.33 0.00 | 29.41 0.31 0.00 | 27.61 0.28 0.00 | 29.48 0.32 0.00 | 39.49 0.34 0.00 | 37.31 0.40 0.00 | 36.00 0.64 0.00 | 37.20 0.84 0.00 | 38.23 0.97 0.00 | 36.41 0.91 0.00 | 33.17 0.69 0.00 | 27.29 0.55 0.00 | 25.99 0.49 0.00 |
| FIBERTEK___ENERGY 23856 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| FITZPATRICK___ 23598 | 24.88 -0.84 0.00 | 23.96 -0.80 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.78 0.00 | 33.06 -1.14 0.00 | 24.01 -0.87 0.00 | 17.25 -0.63 0.00 | 21.42 -0.69 0.00 | 25.29 -0.87 0.00 | 28.33 -0.97 0.00 | 28.15 -0.96 0.00 | 26.44 -0.90 0.00 | 28.22 -0.95 0.00 | 37.84 -1.31 0.00 | 35.59 -1.31 0.00 | 34.16 -1.20 0.00 | 35.13 -1.23 0.00 | 36.04 -1.23 0.00 | 34.32 -1.17 0.00 | 31.38 -1.10 0.00 | 25.87 -0.87 0.00 | 24.70 -0.79 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 26.76 1.04 0.00 | 25.79 1.03 0.00 | 23.43 0.94 0.00 | 23.86 0.88 0.00 | 23.52 0.87 0.00 | 25.29 0.87 0.00 | 35.45 1.24 0.00 | 26.97 1.07 -1.02 | 26.02 0.99 -7.15 | 25.66 1.50 -2.04 | 29.19 1.91 -1.12 | 31.96 2.19 -0.46 | 31.36 2.26 0.00 | 29.60 2.26 0.00 | 32.72 2.52 -1.03 | 42.70 3.55 0.00 | 40.42 3.52 0.00 | 38.66 3.30 0.00 | 39.31 2.95 0.00 | 40.02 2.75 0.00 | 38.00 2.51 0.00 | 34.69 2.21 0.00 | 28.51 1.78 0.00 | 27.14 1.64 0.00 |
| FORT ORANGE___ 23900 | 25.97 0.25 0.00 | 25.05 0.29 0.00 | 22.80 0.31 0.00 | 23.30 0.32 0.00 | 22.99 0.34 0.00 | 24.70 0.28 0.00 | 34.47 0.27 0.00 | 26.32 0.31 -1.14 | 26.23 0.35 -8.00 | 24.88 0.48 -2.28 | 27.92 0.51 -1.25 | 30.28 0.46 -0.52 | 29.66 0.56 0.00 | 27.96 0.62 0.00 | 31.04 0.72 -1.15 | 40.27 1.12 0.00 | 38.03 1.14 0.00 | 36.38 1.02 0.00 | 37.37 1.01 0.00 | 38.19 0.93 0.00 | 36.39 0.89 0.00 | 33.32 0.84 0.00 | 27.38 0.65 0.00 | 26.09 0.59 0.00 |
| FORT_DRUM_COGEN 23780 | 26.66 0.94 0.00 | 25.63 0.87 0.00 | 22.76 0.27 0.00 | 23.25 0.27 0.00 | 23.10 0.45 0.00 | 25.05 0.63 0.00 | 35.10 0.89 0.00 | 25.18 0.30 0.00 | 18.09 0.21 0.00 | 22.74 0.62 0.00 | 26.70 0.54 0.00 | 29.83 0.53 0.00 | 28.89 -0.21 0.00 | 26.58 -0.75 0.00 | 28.07 -1.10 0.00 | 37.07 -2.08 0.00 | 35.00 -1.90 0.00 | 33.65 -1.71 0.00 | 35.51 -0.85 0.00 | 37.56 0.29 0.00 | 36.19 0.70 0.00 | 32.49 0.01 0.00 | 27.01 0.27 0.00 | 25.52 0.02 0.00 |
| FOX_HILLS___ESR 323835 | 26.86 1.14 0.00 | 25.90 1.14 0.00 | 23.49 1.00 0.00 | 23.87 0.89 0.00 | 23.55 0.90 0.00 | 25.29 0.87 0.00 | 35.53 1.32 0.00 | 32.40 1.17 -6.35 | 63.43 1.06 -44.50 | 36.52 1.70 -12.71 | 35.31 2.22 -6.93 | 34.80 2.62 -2.88 | 31.75 2.65 0.00 | 30.00 2.66 0.00 | 38.45 2.87 -6.42 | 43.03 3.88 0.00 | 40.84 3.94 0.00 | 39.04 3.68 0.00 | 39.43 3.07 0.00 | 40.21 2.95 0.00 | 38.30 2.81 0.00 | 35.02 2.54 0.00 | 28.80 2.07 0.00 | 27.42 1.92 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 27.23 1.51 0.00 | 26.23 1.48 0.00 | 23.78 1.30 0.00 | 24.20 1.22 0.00 | 23.83 1.18 0.00 | 25.64 1.22 0.00 | 35.95 1.74 0.00 | 32.69 1.49 -6.33 | 63.53 1.30 -44.35 | 36.79 2.01 -12.67 | 36.49 2.80 -7.53 | 36.91 3.15 -4.46 | 32.18 3.08 0.00 | 30.49 3.15 0.00 | 38.96 3.40 -6.40 | 43.82 4.67 0.00 | 41.42 4.52 0.00 | 39.60 4.24 0.00 | 40.11 3.75 0.00 | 40.62 3.36 0.00 | 38.77 3.27 0.00 | 35.46 2.98 0.00 | 29.19 2.45 0.00 | 27.77 2.28 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 27.23 1.51 0.00 | 26.23 1.48 0.00 | 23.78 1.30 0.00 | 24.20 1.22 0.00 | 23.83 1.18 0.00 | 25.64 1.22 0.00 | 35.95 1.74 0.00 | 32.69 1.49 -6.33 | 63.53 1.30 -44.35 | 36.79 2.01 -12.67 | 36.49 2.80 -7.53 | 36.91 3.15 -4.46 | 32.18 3.08 0.00 | 30.49 3.15 0.00 | 38.96 3.40 -6.40 | 43.82 4.67 0.00 | 41.42 4.52 0.00 | 39.60 4.24 0.00 | 40.11 3.75 0.00 | 40.62 3.36 0.00 | 38.77 3.27 0.00 | 35.46 2.98 0.00 | 29.19 2.45 0.00 | 27.77 2.28 0.00 |
| FRANKLIN_FALL_HYD 24054 | 26.36 0.64 0.00 | 25.22 0.46 0.00 | 22.93 0.45 0.00 | 23.53 0.55 0.00 | 23.21 0.57 0.00 | 25.04 0.61 0.00 | 35.24 1.04 0.00 | 25.62 0.75 0.00 | 18.30 0.42 0.00 | 22.37 0.26 0.00 | 26.37 0.21 0.00 | 29.57 0.27 0.00 | 29.20 0.10 0.00 | 27.24 -0.09 0.00 | 28.93 -0.24 0.00 | 38.56 -0.59 0.00 | 36.44 -0.46 0.00 | 34.74 -0.62 0.00 | 36.19 -0.17 0.00 | 37.47 0.21 0.00 | 35.77 0.28 0.00 | 32.83 0.36 0.00 | 26.88 0.15 0.00 | 25.54 0.05 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FREEPORT_EQUS_GT1 23764 | 26.98 1.26 0.00 | 26.01 1.25 0.00 | 23.57 1.08 0.00 | 23.98 1.01 0.00 | 23.62 0.97 0.00 | 25.41 0.99 0.00 | 35.62 1.41 0.00 | 32.46 1.26 -6.33 | 63.35 1.11 -44.35 | 36.56 1.78 -12.67 | 36.24 2.55 -7.53 | 36.63 2.87 -4.46 | 31.87 2.77 0.00 | 30.20 2.86 0.00 | 38.65 3.08 -6.40 | 43.37 4.22 0.00 | 41.08 4.18 0.00 | 39.35 3.99 0.00 | 39.89 3.53 0.00 | 40.36 3.10 0.00 | 38.51 3.01 0.00 | 35.11 2.64 0.00 | 28.91 2.18 0.00 | 27.53 2.03 0.00 |
| FREEPORT___CT2 23818 | 26.98 1.26 0.00 | 26.01 1.25 0.00 | 23.57 1.08 0.00 | 23.98 1.01 0.00 | 23.62 0.97 0.00 | 25.41 0.99 0.00 | 35.62 1.41 0.00 | 32.46 1.26 -6.33 | 63.35 1.11 -44.35 | 36.56 1.78 -12.67 | 36.24 2.55 -7.53 | 36.63 2.87 -4.46 | 31.87 2.77 0.00 | 30.20 2.86 0.00 | 38.65 3.08 -6.40 | 43.37 4.22 0.00 | 41.08 4.18 0.00 | 39.35 3.99 0.00 | 39.89 3.53 0.00 | 40.36 3.10 0.00 | 38.51 3.01 0.00 | 35.11 2.64 0.00 | 28.91 2.18 0.00 | 27.53 2.03 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 26.92 1.20 0.00 | 25.95 1.19 0.00 | 23.54 1.05 0.00 | 23.91 0.94 0.00 | 23.60 0.95 0.00 | 25.35 0.93 0.00 | 35.61 1.40 0.00 | 32.44 1.21 -6.35 | 63.46 1.08 -44.50 | 36.55 1.73 -12.71 | 35.34 2.25 -6.93 | 34.84 2.66 -2.88 | 31.79 2.68 0.00 | 30.03 2.69 0.00 | 38.48 2.90 -6.42 | 43.01 3.87 0.00 | 40.88 3.98 0.00 | 39.10 3.74 0.00 | 39.46 3.11 0.00 | 40.28 3.01 0.00 | 38.41 2.92 0.00 | 35.13 2.65 0.00 | 28.89 2.15 0.00 | 27.47 1.98 0.00 |
| FULTON COGEN____ 23766 | 25.17 -0.55 0.00 | 24.22 -0.54 0.00 | 22.00 -0.48 0.00 | 22.47 -0.51 0.00 | 22.15 -0.51 0.00 | 23.92 -0.50 0.00 | 33.47 -0.74 0.00 | 24.30 -0.58 0.00 | 17.45 -0.43 0.00 | 21.69 -0.42 0.00 | 25.60 -0.56 0.00 | 28.72 -0.58 0.00 | 28.49 -0.61 0.00 | 26.76 -0.58 0.00 | 28.56 -0.61 0.00 | 38.35 -0.79 0.00 | 36.08 -0.82 0.00 | 34.63 -0.73 0.00 | 35.59 -0.76 0.00 | 36.57 -0.70 0.00 | 34.83 -0.67 0.00 | 31.80 -0.67 0.00 | 26.21 -0.52 0.00 | 25.02 -0.48 0.00 |
| FULTON___LFGE 323630 | 26.74 1.02 0.00 | 25.73 0.98 0.00 | 23.34 0.85 0.00 | 23.81 0.83 0.00 | 23.51 0.86 0.00 | 25.38 0.96 0.00 | 35.71 1.50 0.00 | 26.76 1.06 -0.82 | 24.18 0.57 -5.74 | 23.92 0.17 -1.64 | 27.22 0.17 -0.89 | 29.90 0.23 -0.37 | 29.25 0.15 0.00 | 27.59 0.25 0.00 | 30.12 0.13 -0.83 | 39.33 0.17 0.00 | 37.37 0.47 0.00 | 36.14 0.79 0.00 | 37.87 1.51 0.00 | 39.11 1.85 0.00 | 37.33 1.84 0.00 | 34.07 1.59 0.00 | 27.91 1.18 0.00 | 26.58 1.08 0.00 |
| G.F.CEMENT___DRP 24184 | 27.05 1.33 0.00 | 26.02 1.27 0.00 | 23.63 1.14 0.00 | 24.16 1.18 0.00 | 23.84 1.19 0.00 | 25.75 1.33 0.00 | 36.13 1.92 0.00 | 27.32 1.33 -1.12 | 26.79 1.08 -7.83 | 25.66 1.31 -2.24 | 28.69 1.32 -1.22 | 31.26 1.45 -0.51 | 30.47 1.37 0.00 | 28.58 1.24 0.00 | 31.68 1.38 -1.13 | 41.41 2.26 0.00 | 38.91 2.01 0.00 | 37.36 2.01 0.00 | 38.79 2.44 0.00 | 39.72 2.46 0.00 | 37.87 2.37 0.00 | 34.71 2.24 0.00 | 28.51 1.77 0.00 | 27.14 1.65 0.00 |
| GARDENVILLE___LBMP 24039 | 24.93 -0.79 0.00 | 24.09 -0.67 0.00 | 21.88 -0.61 0.00 | 22.32 -0.66 0.00 | 21.99 -0.66 0.00 | 23.93 -0.49 0.00 | 33.53 -0.68 0.00 | 24.14 -0.73 0.00 | 17.27 -0.61 0.00 | 21.74 -0.38 0.00 | 25.48 -0.68 0.00 | 28.39 -0.91 0.00 | 28.16 -0.94 0.00 | 26.21 -1.13 0.00 | 26.13 -1.34 1.69 | 33.50 -2.31 3.34 | 23.02 -2.21 11.67 | 22.75 -1.95 10.67 | 31.39 -1.98 2.99 | 35.58 -1.69 0.00 | 33.87 -1.63 0.00 | 31.09 -1.39 0.00 | 25.85 -0.88 0.00 | 24.88 -0.62 0.00 |
| GARDNVLA_35_KV_LD 355827 | 25.03 -0.69 0.00 | 24.17 -0.59 0.00 | 21.94 -0.55 0.00 | 22.39 -0.59 0.00 | 22.05 -0.60 0.00 | 24.01 -0.41 0.00 | 33.63 -0.58 0.00 | 24.23 -0.64 0.00 | 17.33 -0.56 0.00 | 21.82 -0.29 0.00 | 25.59 -0.57 0.00 | 28.51 -0.79 0.00 | 28.28 -0.82 0.00 | 26.33 -1.01 0.00 | 26.58 -1.21 1.37 | 34.24 -2.16 2.75 | 25.20 -2.07 9.63 | 24.74 -1.81 8.81 | 32.07 -1.82 2.47 | 35.75 -1.52 0.00 | 34.01 -1.48 0.00 | 31.22 -1.26 0.00 | 25.97 -0.77 0.00 | 24.97 -0.53 0.00 |
| GELCKHM___115KV_LOAD 80723 | 25.31 -0.41 0.00 | 24.38 -0.37 0.00 | 22.12 -0.36 0.00 | 22.60 -0.38 0.00 | 22.27 -0.38 0.00 | 24.05 -0.37 0.00 | 33.67 -0.54 0.00 | 24.44 -0.43 0.00 | 17.56 -0.33 0.00 | 21.82 -0.29 0.00 | 25.76 -0.39 0.00 | 28.89 -0.41 0.00 | 28.71 -0.40 0.00 | 26.98 -0.36 0.00 | 28.80 -0.37 0.00 | 38.62 -0.53 0.00 | 36.31 -0.59 0.00 | 34.85 -0.51 0.00 | 35.84 -0.52 0.00 | 36.78 -0.48 0.00 | 35.02 -0.47 0.00 | 31.99 -0.49 0.00 | 26.37 -0.36 0.00 | 25.17 -0.32 0.00 |
| GENERAL___MILLS 23808 | 24.98 -0.74 0.00 | 24.12 -0.63 0.00 | 21.91 -0.58 0.00 | 22.36 -0.62 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.18 -0.69 0.00 | 17.29 -0.59 0.00 | 21.78 -0.33 0.00 | 25.53 -0.62 0.00 | 28.45 -0.85 0.00 | 28.23 -0.88 0.00 | 26.27 -1.07 0.00 | 26.44 -1.27 1.46 | 34.01 -2.23 2.91 | 24.58 -2.13 10.19 | 24.17 -1.88 9.31 | 31.84 -1.90 2.61 | 35.66 -1.61 0.00 | 33.94 -1.55 0.00 | 31.15 -1.32 0.00 | 25.91 -0.82 0.00 | 24.93 -0.57 0.00 |
| GE_PLASTICS___DRP 24183 | 25.91 0.19 0.00 | 24.99 0.23 0.00 | 22.74 0.25 0.00 | 23.23 0.25 0.00 | 22.92 0.27 0.00 | 24.66 0.23 0.00 | 34.43 0.22 0.00 | 26.22 0.24 -1.11 | 25.92 0.29 -7.75 | 24.78 0.45 -2.21 | 27.89 0.52 -1.21 | 30.34 0.54 -0.50 | 29.71 0.61 0.00 | 27.99 0.65 0.00 | 31.04 0.75 -1.12 | 40.28 1.13 0.00 | 38.01 1.11 0.00 | 36.35 0.99 0.00 | 37.26 0.90 0.00 | 38.07 0.80 0.00 | 36.25 0.75 0.00 | 33.19 0.72 0.00 | 27.30 0.57 0.00 | 26.03 0.53 0.00 |
| GILBOA___1 23756 | 25.96 0.24 0.00 | 25.05 0.29 0.00 | 22.77 0.29 0.00 | 23.23 0.26 0.00 | 22.91 0.26 0.00 | 24.66 0.24 0.00 | 34.49 0.29 0.00 | 25.15 0.28 0.00 | 18.19 0.30 0.00 | 22.63 0.52 0.00 | 26.81 0.65 0.00 | 30.04 0.73 0.00 | 29.87 0.77 0.00 | 28.12 0.79 0.00 | 30.06 0.90 0.00 | 40.40 1.25 0.00 | 38.17 1.27 0.00 | 36.46 1.10 0.00 | 37.32 0.97 0.00 | 38.13 0.87 0.00 | 36.30 0.80 0.00 | 33.25 0.78 0.00 | 27.37 0.63 0.00 | 26.10 0.60 0.00 |
| GILBOA___2 23757 | 25.96 0.24 0.00 | 25.05 0.29 0.00 | 22.77 0.29 0.00 | 23.23 0.26 0.00 | 22.91 0.26 0.00 | 24.66 0.24 0.00 | 34.49 0.29 0.00 | 25.15 0.28 0.00 | 18.19 0.30 0.00 | 22.63 0.52 0.00 | 26.81 0.65 0.00 | 30.04 0.73 0.00 | 29.87 0.77 0.00 | 28.12 0.79 0.00 | 30.06 0.90 0.00 | 40.40 1.25 0.00 | 38.17 1.27 0.00 | 36.46 1.10 0.00 | 37.32 0.97 0.00 | 38.13 0.87 0.00 | 36.30 0.80 0.00 | 33.25 0.78 0.00 | 27.37 0.63 0.00 | 26.10 0.60 0.00 |
| GILBOA___3 23758 | 25.96 0.24 0.00 | 25.05 0.29 0.00 | 22.77 0.29 0.00 | 23.23 0.26 0.00 | 22.91 0.26 0.00 | 24.66 0.24 0.00 | 34.49 0.29 0.00 | 25.15 0.28 0.00 | 18.19 0.30 0.00 | 22.63 0.52 0.00 | 26.81 0.65 0.00 | 30.04 0.73 0.00 | 29.87 0.77 0.00 | 28.12 0.79 0.00 | 30.06 0.90 0.00 | 40.40 1.25 0.00 | 38.17 1.27 0.00 | 36.46 1.10 0.00 | 37.32 0.97 0.00 | 38.13 0.87 0.00 | 36.30 0.80 0.00 | 33.25 0.78 0.00 | 27.37 0.63 0.00 | 26.10 0.60 0.00 |
| GILBOA___4 23759 | 25.96 0.24 0.00 | 25.05 0.29 0.00 | 22.77 0.29 0.00 | 23.23 0.26 0.00 | 22.91 0.26 0.00 | 24.66 0.24 0.00 | 34.49 0.29 0.00 | 25.15 0.28 0.00 | 18.19 0.30 0.00 | 22.63 0.52 0.00 | 26.81 0.65 0.00 | 30.04 0.73 0.00 | 29.87 0.77 0.00 | 28.12 0.79 0.00 | 30.06 0.90 0.00 | 40.40 1.25 0.00 | 38.17 1.27 0.00 | 36.46 1.10 0.00 | 37.32 0.97 0.00 | 38.13 0.87 0.00 | 36.30 0.80 0.00 | 33.25 0.78 0.00 | 27.37 0.63 0.00 | 26.10 0.60 0.00 |

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| GILBOA____ 23599 | 25.96 0.24 0.00 | 25.04 0.29 0.00 | 22.77 0.29 0.00 | 23.23 0.26 0.00 | 22.91 0.26 0.00 | 24.66 0.24 0.00 | 34.49 0.29 0.00 | 25.15 0.28 0.00 | 18.19 0.30 0.00 | 22.63 0.52 0.00 | 26.81 0.65 0.00 | 30.04 0.73 0.00 | 29.88 0.77 0.00 | 28.12 0.79 0.00 | 30.06 0.90 0.00 | 40.40 1.25 0.00 | 38.17 1.27 0.00 | 36.47 1.11 0.00 | 37.32 0.97 0.00 | 38.13 0.87 0.00 | 36.30 0.80 0.00 | 33.25 0.78 0.00 | 27.37 0.63 0.00 | 26.10 0.61 0.00 |
| GINNA____ 23603 | 24.23 -1.49 0.00 | 23.30 -1.46 0.00 | 21.14 -1.34 0.00 | 21.59 -1.39 0.00 | 21.30 -1.35 0.00 | 23.10 -1.32 0.00 | 32.37 -1.84 0.00 | 23.40 -1.47 0.00 | 16.77 -1.12 0.00 | 20.97 -1.14 0.00 | 24.71 -1.45 0.00 | 27.69 -1.61 0.00 | 27.51 -1.59 0.00 | 25.75 -1.58 0.00 | 27.48 -1.68 0.00 | 36.65 -2.50 0.00 | 34.41 -2.49 0.00 | 33.11 -2.24 0.00 | 34.10 -2.26 0.00 | 35.08 -2.19 0.00 | 33.40 -2.10 0.00 | 30.55 -1.93 0.00 | 25.20 -1.53 0.00 | 24.11 -1.39 0.00 |
| GLEN PARK____ 23778 | 26.78 1.07 0.00 | 25.75 0.99 0.00 | 22.87 0.38 0.00 | 23.37 0.39 0.00 | 23.22 0.57 0.00 | 25.19 0.77 0.00 | 35.30 1.09 0.00 | 25.32 0.44 0.00 | 18.18 0.30 0.00 | 22.87 0.75 0.00 | 26.78 0.62 0.00 | 29.94 0.64 0.00 | 28.92 -0.19 0.00 | 26.64 -0.69 0.00 | 28.13 -1.04 0.00 | 37.08 -2.07 0.00 | 35.03 -1.87 0.00 | 33.71 -1.64 0.00 | 35.62 -0.74 0.00 | 37.75 0.48 0.00 | 36.43 0.93 0.00 | 32.73 0.25 0.00 | 27.18 0.45 0.00 | 25.67 0.18 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 26.98 1.26 0.00 | 26.01 1.26 0.00 | 23.62 1.13 0.00 | 24.01 1.03 0.00 | 23.69 1.04 0.00 | 25.45 1.02 0.00 | 35.71 1.50 0.00 | 32.58 1.36 -6.35 | 63.59 1.21 -44.50 | 36.70 1.88 -12.71 | 35.54 2.45 -6.93 | 35.03 2.85 -2.88 | 31.97 2.86 0.00 | 30.20 2.87 0.00 | 38.69 3.10 -6.42 | 43.40 4.25 0.00 | 41.12 4.22 0.00 | 39.23 3.88 0.00 | 39.67 3.31 0.00 | 40.38 3.12 0.00 | 38.42 2.93 0.00 | 35.13 2.66 0.00 | 28.89 2.16 0.00 | 27.50 2.00 0.00 |
| GLENWOOD_IC_1_G5 23712 | 26.90 1.18 0.00 | 25.92 1.16 0.00 | 23.53 1.04 0.00 | 23.94 0.96 0.00 | 23.59 0.94 0.00 | 25.36 0.94 0.00 | 35.57 1.36 0.00 | 32.41 1.21 -6.33 | 63.33 1.10 -44.35 | 36.52 1.74 -12.67 | 36.10 2.41 -7.53 | 36.51 2.74 -4.46 | 31.82 2.72 0.00 | 30.10 2.76 0.00 | 38.56 2.99 -6.40 | 43.25 4.10 0.00 | 40.74 3.83 0.00 | 38.93 3.57 0.00 | 39.45 3.09 0.00 | 40.00 2.73 0.00 | 38.12 2.62 0.00 | 34.98 2.50 0.00 | 28.77 2.03 0.00 | 27.39 1.90 0.00 |
| GLENWOOD_IC_2_G1 23688 | 26.79 1.07 0.00 | 25.82 1.06 0.00 | 23.45 0.96 0.00 | 23.86 0.88 0.00 | 23.52 0.87 0.00 | 25.28 0.85 0.00 | 35.44 1.23 0.00 | 32.31 1.11 -6.33 | 63.25 1.01 -44.35 | 36.40 1.62 -12.67 | 35.91 2.22 -7.53 | 36.29 2.52 -4.46 | 31.62 2.52 0.00 | 29.88 2.55 0.00 | 38.34 2.77 -6.40 | 42.99 3.84 0.00 | 40.66 3.76 0.00 | 38.85 3.49 0.00 | 39.38 3.03 0.00 | 39.98 2.72 0.00 | 38.07 2.57 0.00 | 34.78 2.30 0.00 | 28.61 1.88 0.00 | 27.26 1.76 0.00 |
| GLENWOOD_IC_3_G1 23689 | 26.79 1.07 0.00 | 25.82 1.06 0.00 | 23.45 0.96 0.00 | 23.86 0.88 0.00 | 23.52 0.87 0.00 | 25.28 0.85 0.00 | 35.44 1.23 0.00 | 32.31 1.11 -6.33 | 63.25 1.01 -44.35 | 36.40 1.62 -12.67 | 35.91 2.22 -7.53 | 36.29 2.52 -4.46 | 31.62 2.52 0.00 | 29.88 2.55 0.00 | 38.34 2.77 -6.40 | 42.99 3.84 0.00 | 40.66 3.76 0.00 | 38.85 3.49 0.00 | 39.38 3.03 0.00 | 39.98 2.72 0.00 | 38.07 2.57 0.00 | 34.78 2.30 0.00 | 28.61 1.88 0.00 | 27.26 1.76 0.00 |
| GLENWOOD____4 23550 | 26.90 1.18 0.00 | 25.92 1.16 0.00 | 23.53 1.04 0.00 | 23.94 0.96 0.00 | 23.59 0.94 0.00 | 25.36 0.94 0.00 | 35.57 1.36 0.00 | 32.41 1.21 -6.33 | 63.33 1.10 -44.35 | 36.52 1.74 -12.67 | 36.10 2.41 -7.53 | 36.51 2.74 -4.46 | 31.82 2.72 0.00 | 30.10 2.76 0.00 | 38.56 2.99 -6.40 | 43.25 4.10 0.00 | 40.82 3.92 0.00 | 39.02 3.66 0.00 | 39.53 3.17 0.00 | 40.08 2.82 0.00 | 38.19 2.69 0.00 | 34.98 2.50 0.00 | 28.77 2.03 0.00 | 27.39 1.90 0.00 |
| GLENWOOD____5 23614 | 26.90 1.18 0.00 | 25.92 1.16 0.00 | 23.53 1.04 0.00 | 23.94 0.96 0.00 | 23.59 0.94 0.00 | 25.36 0.94 0.00 | 35.57 1.36 0.00 | 32.41 1.21 -6.33 | 63.33 1.10 -44.35 | 36.52 1.74 -12.67 | 36.10 2.41 -7.53 | 36.51 2.74 -4.46 | 31.82 2.72 0.00 | 30.10 2.76 0.00 | 38.56 2.99 -6.40 | 43.25 4.10 0.00 | 40.82 3.92 0.00 | 39.02 3.66 0.00 | 39.53 3.17 0.00 | 40.08 2.82 0.00 | 38.19 2.69 0.00 | 34.98 2.50 0.00 | 28.77 2.03 0.00 | 27.39 1.90 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 27.68 1.96 0.00 | 26.78 2.03 0.00 | 24.30 1.81 0.00 | 24.70 1.72 0.00 | 24.31 1.67 0.00 | 26.19 1.76 0.00 | 36.76 2.55 0.00 | 33.37 2.16 -6.33 | 64.07 1.83 -44.35 | 37.54 2.76 -12.67 | 37.62 3.93 -7.53 | 38.10 4.34 -4.46 | 33.18 4.08 0.00 | 31.42 4.08 0.00 | 39.77 4.21 -6.40 | 44.58 5.43 0.00 | 41.53 4.63 0.00 | 39.67 4.31 0.00 | 40.30 3.94 0.00 | 40.32 3.06 0.00 | 38.40 2.91 0.00 | 35.06 2.59 0.00 | 28.91 2.18 0.00 | 27.39 1.90 0.00 |
| GLOBE____DSASP 323697 | 24.43 -1.29 0.00 | 23.52 -1.24 0.00 | 21.39 -1.10 0.00 | 21.84 -1.13 0.00 | 21.56 -1.08 0.00 | 23.47 -0.95 0.00 | 32.80 -1.41 0.00 | 23.49 -1.39 0.00 | 16.78 -1.10 0.00 | 21.15 -0.96 0.00 | 24.82 -1.34 0.00 | 27.69 -1.61 0.00 | 27.51 -1.59 0.00 | 25.63 -1.71 0.00 | 26.06 -1.99 1.12 | 33.68 -3.21 2.26 | 25.80 -3.18 7.92 | 25.31 -2.82 7.24 | 31.48 -2.85 2.03 | 34.50 -2.77 0.00 | 32.79 -2.71 0.00 | 30.17 -2.31 0.00 | 25.13 -1.60 0.00 | 24.23 -1.27 0.00 |
| GOETHSLN____LBMP 323567 | 26.71 0.99 0.00 | 25.72 0.97 0.00 | 23.36 0.87 0.00 | 23.74 0.77 0.00 | 23.42 0.77 0.00 | 25.17 0.74 0.00 | 35.31 1.10 0.00 | 32.26 1.03 -6.35 | 63.41 0.98 -44.54 | 36.44 1.61 -12.72 | 35.22 2.12 -6.94 | 34.68 2.50 -2.88 | 31.65 2.54 0.00 | 29.89 2.55 0.00 | 38.39 2.80 -6.43 | 42.99 3.84 0.00 | 40.71 3.81 0.00 | 38.84 3.48 0.00 | 39.29 2.93 0.00 | 39.94 2.67 0.00 | 37.98 2.48 0.00 | 34.70 2.23 0.00 | 28.58 1.85 0.00 | 27.21 1.72 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 25.50 -0.22 0.00 | 24.53 -0.22 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.37 -0.05 0.00 | 34.16 -0.05 0.00 | 24.68 -0.20 0.00 | 17.62 -0.26 0.00 | 22.06 -0.05 0.00 | 25.92 -0.24 0.00 | 29.01 -0.29 0.00 | 28.80 -0.31 0.00 | 26.94 -0.40 0.00 | 28.72 -0.45 0.00 | 37.83 -0.91 0.41 | 34.46 -1.00 1.44 | 33.29 -0.76 1.31 | 35.29 -0.70 0.37 | 36.78 -0.48 0.00 | 35.06 -0.44 0.00 | 32.10 -0.38 0.00 | 26.54 -0.19 0.00 | 25.41 -0.09 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 26.24 0.52 0.00 | 25.30 0.54 0.00 | 22.95 0.47 0.00 | 23.41 0.44 0.00 | 23.08 0.43 0.00 | 24.91 0.49 0.00 | 34.97 0.77 0.00 | 25.46 0.58 0.00 | 18.29 0.41 0.00 | 22.72 0.61 0.00 | 26.88 0.72 0.00 | 30.16 0.85 0.00 | 29.93 0.83 0.00 | 28.13 0.79 0.00 | 30.02 0.85 0.00 | 40.28 1.13 0.00 | 38.02 1.12 0.00 | 36.52 1.16 0.00 | 37.52 1.16 0.00 | 38.51 1.25 0.00 | 36.64 1.15 0.00 | 33.43 0.95 0.00 | 27.43 0.70 0.00 | 26.19 0.69 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 25.49 -0.23 0.00 | 24.63 -0.12 0.00 | 22.35 -0.14 0.00 | 22.81 -0.17 0.00 | 22.43 -0.22 0.00 | 24.28 -0.14 0.00 | 34.04 -0.17 0.00 | 24.74 -0.13 0.00 | 17.75 -0.13 0.00 | 22.12 0.01 0.00 | 26.10 -0.07 0.00 | 29.29 -0.01 0.00 | 29.12 0.02 0.00 | 27.32 -0.01 0.00 | 29.18 0.02 0.00 | 39.63 0.08 -0.39 | 38.33 0.04 -1.39 | 36.68 0.06 -1.27 | 36.78 0.06 -0.35 | 37.44 0.18 0.00 | 35.62 0.12 0.00 | 32.51 0.03 0.00 | 26.81 0.08 0.00 | 25.60 0.10 0.00 |

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| GOWANUS_GT2_6 24119 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT2_7 24120 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT2_8 24121 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_1 24122 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_2 24123 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_3 24124 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_4 24125 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_5 24126 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_6 24127 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_7 24128 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT3_8 24129 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_1 24130 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_2 24131 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_3 24132 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_4 24133 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_6 24135 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_7 24136 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GOWANUS_GT4_8 24137 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GREATVRV_69_KV_BK1 356245 | 27.25 1.53 0.00 | 26.27 1.52 0.00 | 23.81 1.32 0.00 | 24.20 1.23 0.00 | 23.83 1.19 0.00 | 25.64 1.22 0.00 | 35.98 1.77 0.00 | 32.77 1.57 -6.33 | 63.60 1.36 -44.35 | 36.88 2.10 -12.67 | 36.75 3.06 -7.53 | 37.23 3.46 -4.46 | 32.36 3.26 0.00 | 30.67 3.34 0.00 | 39.13 3.56 -6.40 | 43.91 4.76 0.00 | 41.56 4.65 0.00 | 39.81 4.45 0.00 | 40.48 4.12 0.00 | 40.82 3.56 0.00 | 39.05 3.55 0.00 | 35.53 3.06 0.00 | 29.27 2.54 0.00 | 27.85 2.35 0.00 |
| GREENBSH_115KV_TB3 55895 | 25.83 0.11 0.00 | 24.92 0.16 0.00 | 22.69 0.20 0.00 | 23.19 0.21 0.00 | 22.88 0.23 0.00 | 24.57 0.15 0.00 | 34.28 0.07 0.00 | 26.22 0.16 -1.19 | 26.50 0.24 -8.37 | 24.89 0.39 -2.39 | 27.90 0.43 -1.31 | 30.25 0.40 -0.54 | 29.61 0.50 0.00 | 27.90 0.56 0.00 | 31.04 0.66 -1.21 | 40.18 1.03 0.00 | 37.90 1.00 0.00 | 36.23 0.87 0.00 | 37.15 0.79 0.00 | 37.93 0.67 0.00 | 36.12 0.62 0.00 | 33.09 0.62 0.00 | 27.22 0.49 0.00 | 25.94 0.45 0.00 |
| GREENDGE_115KV_TB5 80291 | 25.50 -0.22 0.00 | 24.64 -0.11 0.00 | 22.35 -0.14 0.00 | 22.78 -0.20 0.00 | 22.36 -0.29 0.00 | 24.27 -0.15 0.00 | 34.12 -0.08 0.00 | 24.71 -0.17 0.00 | 17.65 -0.23 0.00 | 21.96 -0.15 0.00 | 25.79 -0.37 0.00 | 28.97 -0.33 0.00 | 28.73 -0.37 0.00 | 26.85 -0.48 0.00 | 30.85 -0.37 -2.06 | 42.33 -0.69 -3.87 | 49.36 -0.94 -13.40 | 46.91 -0.78 -12.33 | 39.20 -0.64 -3.48 | 36.88 -0.39 0.00 | 35.16 -0.34 0.00 | 32.11 -0.37 0.00 | 26.61 -0.12 0.00 | 25.45 -0.04 0.00 |
| GREENIDGE___3 23582 | 25.50 -0.22 0.00 | 24.64 -0.11 0.00 | 22.35 -0.14 0.00 | 22.78 -0.20 0.00 | 22.36 -0.29 0.00 | 24.27 -0.15 0.00 | 34.12 -0.08 0.00 | 24.71 -0.17 0.00 | 17.65 -0.23 0.00 | 21.96 -0.15 0.00 | 25.79 -0.37 0.00 | 28.97 -0.33 0.00 | 28.73 -0.37 0.00 | 26.85 -0.48 0.00 | 30.85 -0.37 -2.06 | 42.33 -0.69 -3.87 | 49.36 -0.94 -13.40 | 46.91 -0.78 -12.33 | 39.20 -0.64 -3.48 | 36.88 -0.39 0.00 | 35.16 -0.34 0.00 | 32.11 -0.37 0.00 | 26.61 -0.12 0.00 | 25.45 -0.04 0.00 |
| GREENIDGE___4 23583 | 25.50 -0.21 0.00 | 24.64 -0.11 0.00 | 22.35 -0.14 0.00 | 22.78 -0.20 0.00 | 22.36 -0.29 0.00 | 24.27 -0.15 0.00 | 34.12 -0.08 0.00 | 24.71 -0.17 0.00 | 17.66 -0.23 0.00 | 21.96 -0.15 0.00 | 25.79 -0.37 0.00 | 28.97 -0.33 0.00 | 28.74 -0.37 0.00 | 26.85 -0.48 0.00 | 30.85 -0.38 -2.06 | 42.31 -0.71 -3.87 | 49.36 -0.94 -13.40 | 46.91 -0.78 -12.33 | 39.20 -0.63 -3.48 | 36.88 -0.39 0.00 | 35.15 -0.34 0.00 | 32.11 -0.37 0.00 | 26.61 -0.12 0.00 | 25.45 -0.04 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.48 0.99 0.00 | 23.88 0.90 0.00 | 23.50 0.85 0.00 | 25.28 0.86 0.00 | 35.45 1.24 0.00 | 32.34 1.14 -6.33 | 63.27 1.04 -44.35 | 36.46 1.69 -12.67 | 36.20 2.51 -7.53 | 36.55 2.79 -4.46 | 31.67 2.56 0.00 | 29.98 2.64 0.00 | 38.36 2.80 -6.40 | 42.88 3.73 0.00 | 40.56 3.66 0.00 | 38.85 3.49 0.00 | 39.44 3.08 0.00 | 39.81 2.55 0.00 | 38.09 2.59 0.00 | 34.77 2.29 0.00 | 28.69 1.95 0.00 | 27.38 1.88 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |
| GRISSOM___SOLAR 323813 | 26.73 1.01 0.00 | 25.73 0.97 0.00 | 23.34 0.85 0.00 | 23.82 0.84 0.00 | 23.52 0.87 0.00 | 25.38 0.96 0.00 | 35.69 1.48 0.00 | 26.78 1.06 -0.85 | 24.40 0.58 -5.94 | 23.91 0.10 -1.70 | 27.21 0.12 -0.93 | 29.81 0.13 -0.38 | 29.20 0.09 0.00 | 27.56 0.22 0.00 | 30.09 0.06 -0.86 | 39.28 0.13 0.00 | 37.35 0.45 0.00 | 36.14 0.79 0.00 | 37.93 1.57 0.00 | 39.16 1.89 0.00 | 37.35 1.86 0.00 | 34.10 1.62 0.00 | 27.96 1.22 0.00 | 26.61 1.12 0.00 |
| GROVEVILLE___HYD 323602 | 26.76 1.04 0.00 | 25.79 1.03 0.00 | 23.43 0.94 0.00 | 23.86 0.88 0.00 | 23.52 0.87 0.00 | 25.29 0.87 0.00 | 35.45 1.24 0.00 | 26.97 1.07 -1.02 | 26.02 0.99 -7.15 | 25.66 1.50 -2.04 | 29.19 1.91 -1.12 | 31.96 2.19 -0.46 | 31.36 2.26 0.00 | 29.60 2.26 0.00 | 32.72 2.52 -1.03 | 42.70 3.55 0.00 | 40.42 3.52 0.00 | 38.66 3.30 0.00 | 39.31 2.95 0.00 | 40.02 2.75 0.00 | 38.00 2.51 0.00 | 34.69 2.21 0.00 | 28.51 1.78 0.00 | 27.14 1.64 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 25.53 -0.19 0.00 | 24.58 -0.17 0.00 | 22.30 -0.19 0.00 | 22.76 -0.22 0.00 | 22.42 -0.23 0.00 | 24.27 -0.15 0.00 | 34.01 -0.19 0.00 | 24.65 -0.22 0.00 | 17.68 -0.20 0.00 | 22.01 -0.11 0.00 | 25.98 -0.18 0.00 | 29.14 -0.16 0.00 | 28.96 -0.14 0.00 | 27.16 -0.17 0.00 | 28.98 -0.18 0.00 | 38.91 -0.24 0.00 | 36.51 -0.39 0.00 | 35.07 -0.29 0.00 | 36.07 -0.28 0.00 | 37.07 -0.20 0.00 | 35.28 -0.22 0.00 | 32.24 -0.24 0.00 | 26.58 -0.15 0.00 | 25.40 -0.10 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 26.52 0.79 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.29 0.00 | 23.08 0.43 0.00 | 24.95 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.38 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 26.19 0.46 0.00 | 25.29 0.54 0.00 | 23.00 0.51 0.00 | 23.46 0.49 0.00 | 23.16 0.51 0.00 | 24.95 0.53 0.00 | 34.92 0.71 0.00 | 25.45 0.58 0.00 | 18.33 0.44 0.00 | 22.47 0.36 0.00 | 26.48 0.32 0.00 | 29.70 0.40 0.00 | 29.49 0.39 0.00 | 27.81 0.47 0.00 | 29.67 0.50 0.00 | 40.07 0.92 0.00 | 38.04 1.14 0.00 | 36.30 0.95 0.00 | 37.82 1.47 0.00 | 38.77 1.51 0.00 | 36.91 1.42 0.00 | 33.74 1.27 0.00 | 27.66 0.92 0.00 | 26.28 0.79 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 26.61 0.89 0.00 | 25.63 0.88 0.00 | 23.26 0.77 0.00 | 23.67 0.69 0.00 | 23.34 0.69 0.00 | 25.10 0.68 0.00 | 35.18 0.97 0.00 | 18.14 0.86 7.59 | -34.48 -0.83 53.19 | 8.25 1.33 15.19 | 19.60 1.72 8.29 | 27.83 1.97 3.44 | 31.13 2.03 0.00 | 29.37 2.04 0.00 | 23.77 2.27 7.67 | 42.38 3.23 0.00 | 40.10 3.20 0.00 | 38.35 2.99 0.00 | 38.95 2.59 0.00 | 39.65 2.39 0.00 | 37.66 2.17 0.00 | 34.35 1.87 0.00 | 28.26 1.52 0.00 | 26.92 1.43 0.00 |
| HARSNRAD_115KV_TB1 81005 | 24.83 -0.89 0.00 | 23.92 -0.84 0.00 | 21.74 -0.75 0.00 | 22.19 -0.79 0.00 | 21.90 -0.76 0.00 | 23.84 -0.58 0.00 | 33.35 -0.86 0.00 | 23.87 -1.00 0.00 | 17.04 -0.84 0.00 | 21.46 -0.65 0.00 | 25.18 -0.98 0.00 | 28.08 -1.22 0.00 | 27.86 -1.24 0.00 | 25.94 -1.40 0.00 | 26.45 -1.59 1.13 | 34.23 -2.66 2.26 | 26.38 -2.61 7.91 | 25.91 -2.22 7.23 | 32.00 -2.33 2.03 | 35.18 -2.08 0.00 | 33.53 -1.96 0.00 | 30.83 -1.65 0.00 | 25.66 -1.07 0.00 | 24.76 -0.73 0.00 |
| HARZA MOOSE___RIVER 24016 | 26.39 0.67 0.00 | 25.39 0.64 0.00 | 22.74 0.25 0.00 | 23.22 0.24 0.00 | 22.97 0.32 0.00 | 24.89 0.46 0.00 | 34.86 0.65 0.00 | 25.18 0.30 0.00 | 18.07 0.18 0.00 | 22.50 0.39 0.00 | 26.66 0.50 0.00 | 29.79 0.49 0.00 | 29.25 0.15 0.00 | 27.17 -0.16 0.00 | 28.85 -0.31 0.00 | 38.48 -0.68 0.00 | 36.40 -0.50 0.00 | 34.51 -0.85 0.00 | 35.88 -0.48 0.00 | 37.36 0.10 0.00 | 35.77 0.28 0.00 | 32.28 -0.20 0.00 | 26.78 0.04 0.00 | 25.40 -0.09 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 25.31 -0.41 0.00 | 24.38 -0.37 0.00 | 22.13 -0.36 0.00 | 22.60 -0.38 0.00 | 22.27 -0.38 0.00 | 24.06 -0.37 0.00 | 33.67 -0.53 0.00 | 24.45 -0.43 0.00 | 17.56 -0.32 0.00 | 21.84 -0.27 0.00 | 25.79 -0.37 0.00 | 28.92 -0.38 0.00 | 28.74 -0.36 0.00 | 27.01 -0.33 0.00 | 28.83 -0.34 0.00 | 38.64 -0.51 0.00 | 36.32 -0.50 0.00 | 34.85 -0.52 0.00 | 35.84 -0.52 0.00 | 36.78 -0.48 0.00 | 35.02 -0.48 0.00 | 31.99 -0.49 0.00 | 26.39 -0.34 0.00 | 25.19 -0.31 0.00 |
| HELLGATE_13_KV_LD 55870 | 27.01 1.29 0.00 | 26.05 1.29 0.00 | 23.66 1.18 0.00 | 24.05 1.07 0.00 | 23.74 1.09 0.00 | 25.50 1.08 0.00 | 35.79 1.58 0.00 | 32.64 1.41 -6.35 | 63.63 1.25 -44.50 | 36.74 1.93 -12.71 | 35.60 2.50 -6.93 | 35.09 2.91 -2.88 | 32.01 2.91 0.00 | 30.25 2.92 0.00 | 38.75 3.16 -6.42 | 43.46 4.31 0.00 | 41.17 4.27 0.00 | 39.28 3.93 0.00 | 39.72 3.37 0.00 | 40.43 3.16 0.00 | 38.47 2.97 0.00 | 35.17 2.70 0.00 | 28.93 2.20 0.00 | 27.54 2.04 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 27.01 1.29 0.00 | 26.05 1.29 0.00 | 23.66 1.18 0.00 | 24.05 1.07 0.00 | 23.74 1.09 0.00 | 25.50 1.08 0.00 | 35.79 1.58 0.00 | 32.64 1.41 -6.35 | 63.63 1.25 -44.50 | 36.74 1.93 -12.71 | 35.60 2.50 -6.93 | 35.09 2.91 -2.88 | 32.01 2.91 0.00 | 30.25 2.92 0.00 | 38.75 3.16 -6.42 | 43.46 4.31 0.00 | 41.17 4.27 0.00 | 39.28 3.93 0.00 | 39.72 3.37 0.00 | 40.43 3.16 0.00 | 38.47 2.97 0.00 | 35.17 2.70 0.00 | 28.93 2.20 0.00 | 27.54 2.04 0.00 |
| HEMPSTEAD____ 23647 | 26.78 1.07 0.00 | 25.82 1.06 0.00 | 23.43 0.93 0.00 | 23.83 0.85 0.00 | 23.48 0.83 0.00 | 25.25 0.83 0.00 | 35.40 1.20 0.00 | 32.30 1.10 -6.33 | 63.25 1.01 -44.35 | 36.42 1.64 -12.67 | 36.04 2.35 -7.53 | 36.40 2.64 -4.46 | 31.67 2.56 0.00 | 29.98 2.64 0.00 | 38.42 2.85 -6.40 | 43.07 3.92 0.00 | 40.71 3.81 0.00 | 38.96 3.61 0.00 | 39.49 3.13 0.00 | 39.98 2.72 0.00 | 38.14 2.64 0.00 | 34.83 2.36 0.00 | 28.67 1.94 0.00 | 27.31 1.82 0.00 |
| HICKLING___1 23621 | 25.27 -0.45 0.00 | 24.53 -0.23 0.00 | 22.25 -0.23 0.00 | 22.68 -0.30 0.00 | 22.19 -0.46 0.00 | 24.09 -0.33 0.00 | 33.89 -0.32 0.00 | 24.57 -0.31 0.00 | 17.58 -0.31 0.00 | 21.90 -0.21 0.00 | 25.80 -0.36 0.00 | 29.01 -0.29 0.00 | 28.78 -0.33 0.00 | 26.84 -0.49 0.00 | 29.45 -0.44 -0.72 | 40.11 -0.62 -1.58 | 40.89 -0.69 -4.68 | 39.38 -0.60 -4.63 | 37.25 -0.53 -1.41 | 36.99 -0.27 0.00 | 35.20 -0.29 0.00 | 32.05 -0.42 0.00 | 26.52 -0.21 0.00 | 25.39 -0.11 0.00 |
| HICKLING___2 23622 | 25.27 -0.45 0.00 | 24.53 -0.23 0.00 | 22.25 -0.23 0.00 | 22.68 -0.30 0.00 | 22.19 -0.46 0.00 | 24.09 -0.33 0.00 | 33.89 -0.32 0.00 | 24.57 -0.31 0.00 | 17.58 -0.31 0.00 | 21.90 -0.21 0.00 | 25.80 -0.36 0.00 | 29.01 -0.29 0.00 | 28.78 -0.33 0.00 | 26.84 -0.49 0.00 | 29.45 -0.44 -0.72 | 40.11 -0.62 -1.58 | 40.89 -0.69 -4.68 | 39.38 -0.60 -4.63 | 37.25 -0.53 -1.41 | 36.99 -0.27 0.00 | 35.20 -0.29 0.00 | 32.05 -0.42 0.00 | 26.52 -0.21 0.00 | 25.39 -0.11 0.00 |
| HIGH FALLS___HY 23754 | 26.60 0.89 0.00 | 25.63 0.87 0.00 | 23.27 0.78 0.00 | 23.67 0.69 0.00 | 23.33 0.69 0.00 | 25.09 0.67 0.00 | 35.19 0.98 0.00 | 24.69 0.88 1.06 | 11.33 0.88 7.43 | 21.40 1.41 2.12 | 26.73 1.72 1.16 | 30.71 1.89 0.48 | 31.03 1.93 0.00 | 29.34 2.00 0.00 | 30.38 2.29 1.07 | 42.27 3.12 0.00 | 39.96 3.06 0.00 | 38.23 2.88 0.00 | 38.95 2.60 0.00 | 39.69 2.42 0.00 | 37.69 2.19 0.00 | 34.38 1.90 0.00 | 28.38 1.65 0.00 | 27.01 1.51 0.00 |
| HIGH_RIVER___SOLAR 323847 | 26.41 0.69 0.00 | 25.44 0.68 0.00 | 23.10 0.61 0.00 | 23.58 0.61 0.00 | 23.27 0.62 0.00 | 25.08 0.66 0.00 | 35.17 0.96 0.00 | 26.50 0.67 -0.95 | 25.05 0.48 -6.69 | 24.27 0.25 -1.91 | 27.32 0.12 -1.04 | 29.91 0.18 -0.43 | 29.25 0.15 0.00 | 27.54 0.20 0.00 | 30.36 0.23 -0.97 | 39.60 0.45 0.00 | 37.58 0.68 0.00 | 36.11 0.75 0.00 | 37.53 1.17 0.00 | 38.68 1.41 0.00 | 36.86 1.37 0.00 | 33.69 1.22 0.00 | 27.67 0.94 0.00 | 26.37 0.88 0.00 |
| HILLBURN___GT 23639 | 26.56 0.84 0.00 | 25.59 0.83 0.00 | 23.23 0.74 0.00 | 23.63 0.66 0.00 | 23.30 0.66 0.00 | 25.05 0.62 0.00 | 35.11 0.90 0.00 | 17.30 0.81 8.39 | -40.15 0.79 58.82 | 6.64 1.33 16.80 | 18.75 1.75 9.17 | 27.50 2.01 3.81 | 31.18 2.07 0.00 | 29.42 2.08 0.00 | 22.99 2.30 8.49 | 42.40 3.25 0.00 | 40.12 3.22 0.00 | 38.31 2.96 0.00 | 38.87 2.51 0.00 | 39.55 2.29 0.00 | 37.57 2.08 0.00 | 34.29 1.81 0.00 | 28.23 1.49 0.00 | 26.90 1.40 0.00 |
| HILLSIDE_115KV_TB1 80332 | 24.94 -0.78 0.00 | 24.19 -0.57 0.00 | 21.94 -0.55 0.00 | 22.36 -0.61 0.00 | 21.92 -0.73 0.00 | 23.79 -0.63 0.00 | 33.42 -0.79 0.00 | 24.28 -0.60 0.00 | 17.38 -0.50 0.00 | 21.70 -0.41 0.00 | 25.55 -0.60 0.00 | 28.75 -0.55 0.00 | 28.56 -0.54 0.00 | 26.69 -0.64 0.00 | 29.17 -0.60 -0.60 | 39.62 -0.80 -1.27 | 40.36 -0.83 -4.29 | 38.56 -0.79 -3.99 | 36.71 -0.79 -1.14 | 36.68 -0.58 0.00 | 34.91 -0.59 0.00 | 31.79 -0.68 0.00 | 26.30 -0.43 0.00 | 25.15 -0.34 0.00 |

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| HISHELDN_WT_PWR 323625 | 24.87 -0.85 0.00 | 24.08 -0.68 0.00 | 21.86 -0.63 0.00 | 22.29 -0.69 0.00 | 21.87 -0.78 0.00 | 23.77 -0.66 0.00 | 33.37 -0.84 0.00 | 24.05 -0.82 0.00 | 17.21 -0.67 0.00 | 21.62 -0.50 0.00 | 25.34 -0.82 0.00 | 28.12 -1.18 0.00 | 27.81 -1.30 0.00 | 25.77 -1.57 0.00 | 23.55 -1.79 3.83 | 29.11 -2.75 7.29 | 8.75 -2.64 25.51 | 9.70 -2.32 23.34 | 27.67 -2.14 6.55 | 35.44 -1.83 0.00 | 33.80 -1.70 0.00 | 30.96 -1.52 0.00 | 25.72 -1.01 0.00 | 24.79 -0.70 0.00 |
| HOLTSVILLE_IC_1 23690 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.69 -12.67 | 36.24 2.55 -7.53 | 36.64 2.88 -4.46 | 31.75 2.64 0.00 | 30.09 2.75 0.00 | 38.47 2.90 -6.40 | 43.00 3.85 0.00 | 40.59 3.70 0.00 | 38.88 3.52 0.00 | 39.52 3.16 0.00 | 39.86 2.59 0.00 | 38.16 2.67 0.00 | 34.79 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| HOLTSVILLE_IC_10 23699 | 26.94 1.23 0.00 | 26.00 1.25 0.00 | 23.59 1.10 0.00 | 23.98 1.01 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.60 1.39 0.00 | 32.49 1.28 -6.33 | 63.40 1.16 -44.35 | 36.60 1.82 -12.67 | 36.43 2.74 -7.53 | 36.88 3.12 -4.46 | 31.98 2.88 0.00 | 30.32 2.98 0.00 | 38.72 3.16 -6.40 | 43.28 4.13 0.00 | 40.85 3.95 0.00 | 39.09 3.73 0.00 | 39.79 3.44 0.00 | 40.14 2.87 0.00 | 38.47 2.97 0.00 | 35.04 2.57 0.00 | 28.89 2.16 0.00 | 27.51 2.02 0.00 |
| HOLTSVILLE_IC_2 23691 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.69 -12.67 | 36.24 2.55 -7.53 | 36.64 2.88 -4.46 | 31.75 2.64 0.00 | 30.09 2.75 0.00 | 38.47 2.90 -6.40 | 43.00 3.85 0.00 | 40.59 3.70 0.00 | 38.88 3.52 0.00 | 39.52 3.16 0.00 | 39.86 2.59 0.00 | 38.16 2.67 0.00 | 34.79 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| HOLTSVILLE_IC_3 23692 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.69 -12.67 | 36.24 2.55 -7.53 | 36.64 2.88 -4.46 | 31.75 2.64 0.00 | 30.09 2.75 0.00 | 38.47 2.90 -6.40 | 43.00 3.85 0.00 | 40.59 3.70 0.00 | 38.88 3.52 0.00 | 39.52 3.16 0.00 | 39.86 2.59 0.00 | 38.16 2.67 0.00 | 34.79 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| HOLTSVILLE_IC_4 23693 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.69 -12.67 | 36.24 2.55 -7.53 | 36.64 2.88 -4.46 | 31.75 2.64 0.00 | 30.09 2.75 0.00 | 38.47 2.90 -6.40 | 43.00 3.85 0.00 | 40.59 3.70 0.00 | 38.88 3.52 0.00 | 39.52 3.16 0.00 | 39.86 2.59 0.00 | 38.16 2.67 0.00 | 34.79 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| HOLTSVILLE_IC_5 23694 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.69 -12.67 | 36.24 2.55 -7.53 | 36.64 2.88 -4.46 | 31.75 2.64 0.00 | 30.09 2.75 0.00 | 38.47 2.90 -6.40 | 43.00 3.85 0.00 | 40.59 3.70 0.00 | 38.88 3.52 0.00 | 39.52 3.16 0.00 | 39.86 2.59 0.00 | 38.16 2.67 0.00 | 34.79 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| HOLTSVILLE_IC_6 23695 | 26.94 1.23 0.00 | 26.00 1.25 0.00 | 23.59 1.10 0.00 | 23.98 1.01 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.60 1.39 0.00 | 32.49 1.28 -6.33 | 63.40 1.16 -44.35 | 36.60 1.82 -12.67 | 36.43 2.74 -7.53 | 36.88 3.12 -4.46 | 31.98 2.88 0.00 | 30.32 2.98 0.00 | 38.72 3.16 -6.40 | 43.28 4.13 0.00 | 40.85 3.95 0.00 | 39.09 3.73 0.00 | 39.79 3.44 0.00 | 40.14 2.87 0.00 | 38.47 2.97 0.00 | 35.04 2.57 0.00 | 28.89 2.16 0.00 | 27.51 2.02 0.00 |
| HOLTSVILLE_IC_7 23696 | 26.94 1.23 0.00 | 26.00 1.25 0.00 | 23.59 1.10 0.00 | 23.98 1.01 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.60 1.39 0.00 | 32.49 1.28 -6.33 | 63.40 1.16 -44.35 | 36.60 1.82 -12.67 | 36.43 2.74 -7.53 | 36.88 3.12 -4.46 | 31.98 2.88 0.00 | 30.32 2.98 0.00 | 38.72 3.16 -6.40 | 43.28 4.13 0.00 | 40.85 3.95 0.00 | 39.09 3.73 0.00 | 39.79 3.44 0.00 | 40.14 2.87 0.00 | 38.47 2.97 0.00 | 35.04 2.57 0.00 | 28.89 2.16 0.00 | 27.51 2.02 0.00 |
| HOLTSVILLE_IC_8 23697 | 26.94 1.23 0.00 | 26.00 1.25 0.00 | 23.59 1.10 0.00 | 23.98 1.01 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.60 1.39 0.00 | 32.49 1.28 -6.33 | 63.40 1.16 -44.35 | 36.60 1.82 -12.67 | 36.43 2.74 -7.53 | 36.88 3.12 -4.46 | 31.98 2.88 0.00 | 30.32 2.98 0.00 | 38.72 3.16 -6.40 | 43.28 4.13 0.00 | 40.85 3.95 0.00 | 39.09 3.73 0.00 | 39.79 3.44 0.00 | 40.14 2.87 0.00 | 38.47 2.97 0.00 | 35.04 2.57 0.00 | 28.89 2.16 0.00 | 27.51 2.02 0.00 |
| HOLTSVILLE_IC_9 23698 | 26.94 1.23 0.00 | 26.00 1.25 0.00 | 23.59 1.10 0.00 | 23.98 1.01 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.60 1.39 0.00 | 32.49 1.28 -6.33 | 63.40 1.16 -44.35 | 36.60 1.82 -12.67 | 36.43 2.74 -7.53 | 36.88 3.12 -4.46 | 31.98 2.88 0.00 | 30.32 2.98 0.00 | 38.72 3.16 -6.40 | 43.28 4.13 0.00 | 40.85 3.95 0.00 | 39.09 3.73 0.00 | 39.79 3.44 0.00 | 40.14 2.87 0.00 | 38.47 2.97 0.00 | 35.04 2.57 0.00 | 28.89 2.16 0.00 | 27.51 2.02 0.00 |
| HOMER_HL_115KV_TB2 355744 | 24.96 -0.76 0.00 | 24.15 -0.61 0.00 | 21.89 -0.60 0.00 | 22.30 -0.67 0.00 | 21.97 -0.68 0.00 | 23.88 -0.54 0.00 | 33.64 -0.57 0.00 | 24.35 -0.53 0.00 | 17.37 -0.51 0.00 | 21.90 -0.21 0.00 | 25.67 -0.49 0.00 | 28.71 -0.59 0.00 | 28.51 -0.60 0.00 | 26.67 -0.67 0.00 | 28.02 -0.88 0.27 | 36.79 -1.64 0.72 | 32.85 -1.50 2.55 | 31.18 -1.72 2.46 | 33.80 -1.88 0.68 | 35.82 -1.45 0.00 | 34.08 -1.41 0.00 | 31.27 -1.21 0.00 | 26.02 -0.71 0.00 | 24.95 -0.54 0.00 |
| HOWARD_WT_PWR 323690 | 25.23 -0.50 0.00 | 24.57 -0.18 0.00 | 22.28 -0.21 0.00 | 22.54 -0.44 0.00 | 21.86 -0.78 0.00 | 23.82 -0.60 0.00 | 33.68 -0.53 0.00 | 24.25 -0.62 0.00 | 17.39 -0.49 0.00 | 21.45 -0.66 0.00 | 25.32 -0.84 0.00 | 28.38 -0.92 0.00 | 27.89 -1.21 0.00 | 25.67 -1.67 0.00 | 32.07 -1.44 -4.35 | 45.10 -2.15 -8.09 | 62.90 -2.18 -28.18 | 59.35 -1.84 -25.83 | 42.09 -1.53 -7.26 | 35.74 -1.53 0.00 | 34.18 -1.32 0.00 | 31.20 -1.27 0.00 | 25.80 -0.93 0.00 | 24.88 -0.61 0.00 |
| HQ_GEN_CEDARS 23644 | 26.41 0.69 0.00 | 25.33 0.57 0.00 | 22.82 0.33 0.00 | 23.37 0.39 0.00 | 23.20 0.55 0.00 | 25.02 0.60 0.00 | 35.14 0.93 0.00 | 25.50 0.62 0.00 | 18.19 0.31 0.00 | 22.29 0.17 0.00 | 26.38 0.22 0.00 | 29.49 0.19 0.00 | 29.18 0.08 0.00 | 27.26 -0.07 0.00 | 28.97 -0.19 0.00 | 38.76 -0.39 0.00 | 36.51 -0.39 0.00 | 35.00 -0.35 0.00 | 36.34 -0.03 0.00 | 37.44 0.17 0.00 | 35.76 0.26 0.00 | 32.78 0.31 0.00 | 26.99 0.25 0.00 | 25.73 0.23 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 26.41 0.69 0.00 | 25.33 0.57 0.00 | 22.82 0.33 0.00 | 23.37 0.39 0.00 | 23.20 0.55 0.00 | 25.02 0.60 0.00 | 35.28 0.93 -0.13 | 25.49 0.62 0.00 | 18.19 0.31 0.00 | 22.29 0.17 0.00 | 26.38 0.22 0.00 | 29.49 0.19 0.00 | 29.18 0.08 0.00 | 27.26 -0.07 0.00 | 28.98 -0.19 0.00 | 38.76 -0.39 0.00 | 36.51 -0.39 0.00 | 35.00 -0.35 0.00 | 36.34 -0.02 0.00 | 37.44 0.17 0.00 | 35.76 0.26 0.00 | 32.78 0.31 0.00 | 26.99 0.25 0.00 | 25.73 0.23 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 25.93 0.21 0.00 | 24.91 0.15 0.00 | 22.62 0.13 0.00 | 23.14 0.16 0.00 | 22.81 0.16 0.00 | 24.60 0.18 0.00 | 34.52 0.32 0.00 | 25.08 0.21 0.00 | 17.95 0.07 0.00 | 22.02 -0.09 0.00 | 26.06 -0.10 0.00 | 29.18 -0.12 0.00 | 28.95 -0.15 0.00 | 27.14 -0.20 0.00 | 28.91 -0.25 0.00 | 38.75 -0.40 0.00 | 36.51 -0.39 0.00 | 34.98 -0.37 0.00 | 36.10 -0.25 0.00 | 37.08 -0.19 0.00 | 35.34 -0.15 0.00 | 32.37 -0.10 0.00 | 26.63 -0.10 0.00 | 25.38 -0.11 0.00 |
| HQ_GEN_WHEEL 23651 | 25.93 0.21 0.00 | 24.91 0.15 0.00 | 22.62 0.13 0.00 | 23.14 0.16 0.00 | 22.81 0.16 0.00 | 24.60 0.18 0.00 | 34.52 0.32 0.00 | 25.08 0.21 0.00 | 17.95 0.07 0.00 | 22.02 -0.09 0.00 | 26.06 -0.10 0.00 | 29.18 -0.12 0.00 | 28.95 -0.15 0.00 | 27.14 -0.20 0.00 | 28.91 -0.25 0.00 | 38.75 -0.40 0.00 | 36.51 -0.39 0.00 | 34.98 -0.37 0.00 | 36.10 -0.25 0.00 | 37.08 -0.19 0.00 | 35.34 -0.15 0.00 | 32.37 -0.10 0.00 | 26.63 -0.10 0.00 | 25.38 -0.11 0.00 |
| HUDSON AVE_GT_3 23810 | 26.86 1.14 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.54 1.34 0.00 | 32.44 1.21 -6.35 | 63.53 1.11 -44.54 | 36.58 1.75 -12.72 | 35.38 2.28 -6.94 | 34.85 2.66 -2.88 | 31.80 2.69 0.00 | 30.03 2.69 0.00 | 38.55 2.95 -6.43 | 43.22 4.07 0.00 | 40.92 4.02 0.00 | 39.03 3.68 0.00 | 39.51 3.15 0.00 | 40.16 2.90 0.00 | 38.19 2.69 0.00 | 34.90 2.42 0.00 | 28.73 1.99 0.00 | 27.34 1.85 0.00 |
| HUDSON AVE_GT_4 23540 | 26.86 1.14 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.54 1.34 0.00 | 32.44 1.21 -6.35 | 63.53 1.11 -44.54 | 36.58 1.75 -12.72 | 35.38 2.28 -6.94 | 34.85 2.66 -2.88 | 31.80 2.69 0.00 | 30.03 2.69 0.00 | 38.55 2.95 -6.43 | 43.22 4.07 0.00 | 40.92 4.02 0.00 | 39.03 3.68 0.00 | 39.51 3.15 0.00 | 40.16 2.90 0.00 | 38.19 2.69 0.00 | 34.90 2.42 0.00 | 28.73 1.99 0.00 | 27.34 1.85 0.00 |
| HUDSON AVE_GT_5 23657 | 26.86 1.14 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.54 1.34 0.00 | 32.44 1.21 -6.35 | 63.53 1.11 -44.54 | 36.58 1.75 -12.72 | 35.38 2.28 -6.94 | 34.85 2.66 -2.88 | 31.80 2.69 0.00 | 30.03 2.69 0.00 | 38.55 2.95 -6.43 | 43.22 4.07 0.00 | 40.92 4.02 0.00 | 39.03 3.68 0.00 | 39.51 3.15 0.00 | 40.16 2.90 0.00 | 38.19 2.69 0.00 | 34.90 2.42 0.00 | 28.73 1.99 0.00 | 27.34 1.85 0.00 |
| HUDSON_AVE_10 24168 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.44 0.95 0.00 | 23.80 0.82 0.00 | 23.48 0.84 0.00 | 25.22 0.80 0.00 | 35.39 1.18 0.00 | 32.32 1.09 -6.35 | 63.45 1.03 -44.54 | 36.48 1.65 -12.72 | 35.24 2.14 -6.94 | 34.71 2.53 -2.88 | 31.66 2.55 0.00 | 29.90 2.56 0.00 | 38.40 2.81 -6.43 | 43.01 3.86 0.00 | 40.74 3.83 0.00 | 38.84 3.49 0.00 | 39.31 2.96 0.00 | 39.99 2.72 0.00 | 38.03 2.53 0.00 | 34.77 2.30 0.00 | 28.65 1.92 0.00 | 27.26 1.76 0.00 |
| HUDSON___115KV_TB 4 355613 | 26.32 0.60 0.00 | 25.36 0.60 0.00 | 23.07 0.58 0.00 | 23.57 0.59 0.00 | 23.26 0.61 0.00 | 25.03 0.60 0.00 | 34.98 0.77 0.00 | 26.46 0.66 -0.92 | 24.93 0.60 -6.45 | 24.65 0.70 -1.84 | 27.88 0.72 -1.01 | 30.32 0.60 -0.42 | 29.81 0.71 0.00 | 28.10 0.76 0.00 | 30.97 0.87 -0.93 | 40.52 1.37 0.00 | 38.36 1.46 0.00 | 36.75 1.40 0.00 | 37.96 1.60 0.00 | 38.85 1.58 0.00 | 37.02 1.52 0.00 | 33.86 1.38 0.00 | 27.78 1.05 0.00 | 26.43 0.94 0.00 |
| HUNTER MOUNT___DRP 323613 | 26.40 0.68 0.00 | 25.43 0.68 0.00 | 23.14 0.65 0.00 | 23.64 0.67 0.00 | 23.33 0.68 0.00 | 25.13 0.71 0.00 | 35.13 0.92 0.00 | 26.28 0.76 -0.64 | 23.04 0.66 -4.50 | 24.13 0.73 -1.28 | 27.56 0.70 -0.70 | 30.19 0.60 -0.29 | 29.83 0.73 0.00 | 28.12 0.78 0.00 | 30.70 0.88 -0.65 | 40.60 1.45 0.00 | 38.41 1.51 0.00 | 36.84 1.49 0.00 | 38.06 1.70 0.00 | 39.00 1.73 0.00 | 37.16 1.66 0.00 | 33.98 1.50 0.00 | 27.86 1.13 0.00 | 26.50 1.00 0.00 |
| HUNTINGTON_RES_REC 323705 | 26.88 1.16 0.00 | 25.95 1.19 0.00 | 23.53 1.04 0.00 | 23.93 0.95 0.00 | 23.54 0.89 0.00 | 25.33 0.91 0.00 | 35.53 1.32 0.00 | 32.42 1.21 -6.33 | 63.35 1.11 -44.35 | 36.55 1.77 -12.67 | 36.36 2.67 -7.53 | 36.75 2.99 -4.46 | 31.84 2.74 0.00 | 30.18 2.84 0.00 | 38.57 3.01 -6.40 | 43.16 4.01 0.00 | 40.81 3.91 0.00 | 39.11 3.75 0.00 | 39.74 3.38 0.00 | 40.07 2.80 0.00 | 38.35 2.86 0.00 | 34.95 2.47 0.00 | 28.81 2.08 0.00 | 27.46 1.97 0.00 |
| HUNTLEY___63 23557 | 25.00 -0.72 0.00 | 24.08 -0.67 0.00 | 21.88 -0.60 0.00 | 22.33 -0.64 0.00 | 22.03 -0.62 0.00 | 23.99 -0.42 0.00 | 33.59 -0.62 0.00 | 24.12 -0.75 0.00 | 17.23 -0.65 0.00 | 21.73 -0.38 0.00 | 25.49 -0.68 0.00 | 28.44 -0.86 0.00 | 28.22 -0.88 0.00 | 26.29 -1.04 0.00 | 26.72 -1.24 1.21 | 34.49 -2.24 2.42 | 26.21 -2.22 8.47 | 25.75 -1.86 7.74 | 32.27 -1.92 2.17 | 35.55 -1.72 0.00 | 33.82 -1.68 0.00 | 31.06 -1.42 0.00 | 25.85 -0.88 0.00 | 24.90 -0.59 0.00 |
| HUNTLEY___64 23558 | 25.00 -0.72 0.00 | 24.08 -0.67 0.00 | 21.88 -0.60 0.00 | 22.33 -0.64 0.00 | 22.03 -0.62 0.00 | 23.99 -0.42 0.00 | 33.59 -0.62 0.00 | 24.12 -0.75 0.00 | 17.23 -0.65 0.00 | 21.73 -0.38 0.00 | 25.49 -0.68 0.00 | 28.44 -0.86 0.00 | 28.22 -0.88 0.00 | 26.29 -1.04 0.00 | 26.72 -1.24 1.21 | 34.49 -2.24 2.42 | 26.21 -2.22 8.47 | 25.75 -1.86 7.74 | 32.27 -1.92 2.17 | 35.55 -1.72 0.00 | 33.82 -1.68 0.00 | 31.06 -1.42 0.00 | 25.85 -0.88 0.00 | 24.90 -0.59 0.00 |
| HUNTLEY___65 23559 | 25.00 -0.72 0.00 | 24.08 -0.67 0.00 | 21.88 -0.60 0.00 | 22.33 -0.64 0.00 | 22.03 -0.62 0.00 | 23.99 -0.42 0.00 | 33.59 -0.62 0.00 | 24.12 -0.75 0.00 | 17.23 -0.65 0.00 | 21.73 -0.38 0.00 | 25.49 -0.68 0.00 | 28.44 -0.86 0.00 | 28.22 -0.88 0.00 | 26.29 -1.04 0.00 | 26.72 -1.24 1.21 | 34.49 -2.24 2.42 | 26.21 -2.22 8.47 | 25.75 -1.86 7.74 | 32.27 -1.92 2.17 | 35.55 -1.72 0.00 | 33.82 -1.68 0.00 | 31.06 -1.42 0.00 | 25.85 -0.88 0.00 | 24.90 -0.59 0.00 |
| HUNTLEY___66 23560 | 25.00 -0.72 0.00 | 24.08 -0.67 0.00 | 21.88 -0.60 0.00 | 22.33 -0.64 0.00 | 22.03 -0.62 0.00 | 23.99 -0.42 0.00 | 33.59 -0.62 0.00 | 24.12 -0.75 0.00 | 17.23 -0.65 0.00 | 21.73 -0.38 0.00 | 25.49 -0.68 0.00 | 28.44 -0.86 0.00 | 28.22 -0.88 0.00 | 26.29 -1.04 0.00 | 26.72 -1.24 1.21 | 34.49 -2.24 2.42 | 26.21 -2.22 8.47 | 25.75 -1.86 7.74 | 32.27 -1.92 2.17 | 35.55 -1.72 0.00 | 33.82 -1.68 0.00 | 31.06 -1.42 0.00 | 25.85 -0.88 0.00 | 24.90 -0.59 0.00 |
| HUNTLEY___67 23561 | 24.80 -0.93 0.00 | 23.91 -0.84 0.00 | 21.73 -0.76 0.00 | 22.18 -0.80 0.00 | 21.87 -0.78 0.00 | 23.81 -0.61 0.00 | 33.30 -0.90 0.00 | 23.93 -0.95 0.00 | 17.11 -0.78 0.00 | 21.55 -0.57 0.00 | 25.28 -0.88 0.00 | 28.18 -1.12 0.00 | 27.97 -1.13 0.00 | 26.05 -1.29 0.00 | 26.25 -1.52 1.40 | 33.80 -2.57 2.79 | 24.64 -2.50 9.76 | 24.24 -2.20 8.92 | 31.61 -2.25 2.50 | 35.28 -1.99 0.00 | 33.58 -1.92 0.00 | 30.86 -1.62 0.00 | 25.68 -1.06 0.00 | 24.71 -0.78 0.00 |
| HUNTLEY___68 23562 | 24.80 -0.93 0.00 | 23.91 -0.84 0.00 | 21.73 -0.76 0.00 | 22.18 -0.80 0.00 | 21.87 -0.78 0.00 | 23.81 -0.61 0.00 | 33.30 -0.90 0.00 | 23.93 -0.95 0.00 | 17.11 -0.78 0.00 | 21.55 -0.57 0.00 | 25.28 -0.88 0.00 | 28.18 -1.12 0.00 | 27.97 -1.13 0.00 | 26.05 -1.29 0.00 | 26.25 -1.52 1.40 | 33.80 -2.57 2.79 | 24.64 -2.50 9.76 | 24.24 -2.20 8.92 | 31.61 -2.25 2.50 | 35.28 -1.99 0.00 | 33.58 -1.92 0.00 | 30.86 -1.62 0.00 | 25.68 -1.06 0.00 | 24.71 -0.78 0.00 |

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| HYLAND___LFGE 323620 | 26.37 0.65 0.00 | 25.46 0.70 0.00 | 23.11 0.62 0.00 | 23.51 0.53 0.00 | 23.08 0.43 0.00 | 25.11 0.69 0.00 | 35.41 1.20 0.00 | 25.52 0.65 0.00 | 18.05 0.17 0.00 | 22.46 0.35 0.00 | 26.14 -0.02 0.00 | 29.14 -0.16 0.00 | 28.99 -0.11 0.00 | 26.97 -0.36 0.00 | 33.55 -0.45 -4.83 | 47.21 -0.91 -8.97 | 67.20 -0.99 -31.29 | 63.39 -0.64 -28.68 | 44.54 0.12 -8.05 | 37.89 0.63 0.00 | 36.43 0.94 0.00 | 33.28 0.81 0.00 | 27.45 0.72 0.00 | 26.28 0.79 0.00 |
| INDECK___CORINTH 23802 | 26.69 0.97 0.00 | 25.68 0.92 0.00 | 23.32 0.83 0.00 | 23.84 0.86 0.00 | 23.52 0.87 0.00 | 25.39 0.97 0.00 | 35.63 1.42 0.00 | 26.93 0.95 -1.10 | 26.42 0.81 -7.73 | 25.31 0.99 -2.21 | 28.27 0.91 -1.21 | 30.81 1.01 -0.50 | 30.04 0.93 0.00 | 28.14 0.81 0.00 | 31.21 0.93 -1.12 | 40.78 1.63 0.00 | 38.35 1.45 0.00 | 36.83 1.47 0.00 | 38.30 1.94 0.00 | 39.19 1.92 0.00 | 37.35 1.86 0.00 | 34.22 1.74 0.00 | 28.12 1.38 0.00 | 26.77 1.28 0.00 |
| INDECK___ILION 23567 | 25.98 0.25 0.00 | 25.06 0.30 0.00 | 22.78 0.29 0.00 | 23.25 0.27 0.00 | 22.93 0.28 0.00 | 24.71 0.29 0.00 | 34.60 0.39 0.00 | 25.20 0.32 0.00 | 18.14 0.25 0.00 | 22.35 0.24 0.00 | 26.39 0.23 0.00 | 29.59 0.29 0.00 | 29.39 0.29 0.00 | 27.67 0.34 0.00 | 29.55 0.38 0.00 | 39.80 0.65 0.00 | 37.65 0.75 0.00 | 36.04 0.68 0.00 | 37.29 0.93 0.00 | 38.19 0.92 0.00 | 36.37 0.87 0.00 | 33.24 0.77 0.00 | 27.30 0.57 0.00 | 25.99 0.49 0.00 |
| INDECK___OLEAN 23982 | 24.96 -0.76 0.00 | 24.15 -0.61 0.00 | 21.89 -0.60 0.00 | 22.30 -0.67 0.00 | 21.97 -0.69 0.00 | 23.88 -0.54 0.00 | 33.64 -0.57 0.00 | 24.35 -0.53 0.00 | 17.38 -0.50 0.00 | 21.90 -0.21 0.00 | 25.68 -0.48 0.00 | 28.71 -0.59 0.00 | 28.51 -0.59 0.00 | 26.66 -0.68 0.00 | 28.03 -0.87 0.27 | 36.79 -1.63 0.72 | 32.86 -1.49 2.55 | 31.21 -1.69 2.46 | 33.81 -1.87 0.68 | 35.82 -1.45 0.00 | 34.09 -1.41 0.00 | 31.28 -1.20 0.00 | 26.02 -0.71 0.00 | 24.96 -0.54 0.00 |
| INDECK___OSWEGO 23783 | 25.07 -0.65 0.00 | 24.13 -0.62 0.00 | 21.89 -0.59 0.00 | 22.36 -0.62 0.00 | 22.04 -0.61 0.00 | 23.81 -0.62 0.00 | 33.30 -0.91 0.00 | 24.16 -0.71 0.00 | 17.36 -0.52 0.00 | 21.58 -0.54 0.00 | 25.47 -0.69 0.00 | 28.55 -0.75 0.00 | 28.32 -0.78 0.00 | 26.58 -0.76 0.00 | 28.35 -0.82 0.00 | 38.01 -1.14 0.00 | 35.75 -1.15 0.00 | 34.33 -1.03 0.00 | 35.33 -1.02 0.00 | 36.32 -0.95 0.00 | 34.61 -0.88 0.00 | 31.59 -0.88 0.00 | 26.06 -0.67 0.00 | 24.86 -0.63 0.00 |
| INDECK___YERKES 23781 | 25.02 -0.70 0.00 | 24.11 -0.65 0.00 | 21.91 -0.58 0.00 | 22.36 -0.62 0.00 | 22.06 -0.59 0.00 | 24.02 -0.40 0.00 | 33.63 -0.57 0.00 | 24.15 -0.72 0.00 | 17.26 -0.62 0.00 | 21.77 -0.34 0.00 | 25.54 -0.62 0.00 | 28.49 -0.81 0.00 | 28.26 -0.84 0.00 | 26.33 -1.01 0.00 | 26.77 -1.19 1.21 | 34.56 -2.17 2.42 | 26.29 -2.14 8.47 | 25.84 -1.77 7.74 | 32.33 -1.86 2.17 | 35.59 -1.67 0.00 | 33.88 -1.61 0.00 | 31.11 -1.36 0.00 | 25.89 -0.85 0.00 | 24.95 -0.55 0.00 |
| INDIAN POINT_GT_1 24139 | 26.58 0.86 0.00 | 25.62 0.86 0.00 | 23.27 0.79 0.00 | 23.68 0.70 0.00 | 23.35 0.70 0.00 | 25.09 0.67 0.00 | 35.17 0.96 0.00 | 32.68 0.87 -6.94 | 67.36 0.84 -48.64 | 37.36 1.36 -13.89 | 35.54 1.80 -7.58 | 34.52 2.07 -3.15 | 31.21 2.11 0.00 | 29.46 2.12 0.00 | 38.54 2.36 -7.02 | 42.45 3.29 0.00 | 40.18 3.27 0.00 | 38.35 2.99 0.00 | 38.93 2.57 0.00 | 39.59 2.32 0.00 | 37.64 2.15 0.00 | 34.39 1.91 0.00 | 28.30 1.57 0.00 | 26.97 1.48 0.00 |
| INDIAN POINT_GT_2 23659 | 26.58 0.86 0.00 | 25.62 0.86 0.00 | 23.27 0.79 0.00 | 23.68 0.70 0.00 | 23.35 0.70 0.00 | 25.09 0.67 0.00 | 35.17 0.96 0.00 | 32.68 0.87 -6.94 | 67.36 0.84 -48.64 | 37.36 1.36 -13.89 | 35.54 1.80 -7.58 | 34.52 2.07 -3.15 | 31.21 2.11 0.00 | 29.46 2.12 0.00 | 38.54 2.36 -7.02 | 42.45 3.29 0.00 | 40.18 3.27 0.00 | 38.35 2.99 0.00 | 38.93 2.57 0.00 | 39.59 2.32 0.00 | 37.64 2.15 0.00 | 34.39 1.91 0.00 | 28.30 1.57 0.00 | 26.97 1.48 0.00 |
| INDIAN POINT_GT_3 24019 | 26.58 0.86 0.00 | 25.62 0.86 0.00 | 23.27 0.79 0.00 | 23.68 0.70 0.00 | 23.35 0.70 0.00 | 25.09 0.67 0.00 | 35.17 0.96 0.00 | 32.68 0.87 -6.94 | 67.36 0.84 -48.64 | 37.36 1.36 -13.89 | 35.54 1.80 -7.58 | 34.52 2.07 -3.15 | 31.21 2.11 0.00 | 29.46 2.12 0.00 | 38.54 2.36 -7.02 | 42.45 3.29 0.00 | 40.18 3.27 0.00 | 38.35 2.99 0.00 | 38.93 2.57 0.00 | 39.59 2.32 0.00 | 37.64 2.15 0.00 | 34.39 1.91 0.00 | 28.30 1.57 0.00 | 26.97 1.48 0.00 |
| INDIAN POINT___2 23530 | 26.54 0.82 0.00 | 25.58 0.82 0.00 | 23.23 0.74 0.00 | 23.63 0.66 0.00 | 23.31 0.66 0.00 | 25.04 0.62 0.00 | 35.09 0.89 0.00 | 34.27 0.81 -8.58 | 78.84 0.80 -60.16 | 40.60 1.31 -17.18 | 37.29 1.75 -9.37 | 35.20 2.00 -3.89 | 31.15 2.05 0.00 | 29.40 2.06 0.00 | 40.12 2.28 -8.68 | 42.35 3.20 0.00 | 40.07 3.17 0.00 | 38.26 2.90 0.00 | 38.84 2.48 0.00 | 39.51 2.25 0.00 | 37.55 2.05 0.00 | 34.29 1.82 0.00 | 28.24 1.51 0.00 | 26.91 1.42 0.00 |
| INDIAN POINT___3 23531 | 26.54 0.82 0.00 | 25.58 0.83 0.00 | 23.24 0.75 0.00 | 23.65 0.67 0.00 | 23.32 0.67 0.00 | 25.06 0.64 0.00 | 35.11 0.90 0.00 | 32.76 0.82 -7.06 | 68.21 0.81 -49.51 | 37.58 1.33 -14.14 | 35.63 1.75 -7.71 | 34.52 2.01 -3.20 | 31.16 2.05 0.00 | 29.41 2.07 0.00 | 38.60 2.29 -7.14 | 42.36 3.21 0.00 | 40.09 3.19 0.00 | 38.28 2.92 0.00 | 38.84 2.49 0.00 | 39.51 2.25 0.00 | 37.57 2.07 0.00 | 34.32 1.85 0.00 | 28.25 1.51 0.00 | 26.92 1.43 0.00 |
| INGHAM_C_115KV_TB7 356103 | 26.28 0.56 0.00 | 25.39 0.63 0.00 | 23.10 0.61 0.00 | 23.57 0.59 0.00 | 23.26 0.61 0.00 | 25.06 0.64 0.00 | 35.07 0.87 0.00 | 25.59 0.72 0.00 | 18.42 0.54 0.00 | 22.52 0.40 0.00 | 26.51 0.35 0.00 | 29.76 0.46 0.00 | 29.58 0.48 0.00 | 27.94 0.61 0.00 | 29.86 0.70 0.00 | 40.39 1.24 0.00 | 38.31 1.41 0.00 | 36.62 1.26 0.00 | 38.23 1.87 0.00 | 39.14 1.88 0.00 | 37.26 1.76 0.00 | 34.08 1.60 0.00 | 27.93 1.20 0.00 | 26.53 1.04 0.00 |
| IP CORINTH___1 23988 | 26.82 1.10 0.00 | 25.81 1.05 0.00 | 23.43 0.94 0.00 | 23.95 0.98 0.00 | 23.63 0.98 0.00 | 25.52 1.10 0.00 | 35.80 1.60 0.00 | 27.07 1.09 -1.10 | 26.52 0.91 -7.73 | 25.42 1.11 -2.21 | 28.41 1.04 -1.21 | 30.97 1.17 -0.50 | 30.19 1.09 0.00 | 28.30 0.96 0.00 | 31.38 1.10 -1.12 | 41.00 1.85 0.00 | 38.56 1.66 0.00 | 37.02 1.66 0.00 | 38.50 2.14 0.00 | 39.39 2.13 0.00 | 37.56 2.06 0.00 | 34.40 1.93 0.00 | 28.26 1.52 0.00 | 26.91 1.41 0.00 |
| IP___TICONDEROGA 23804 | 28.39 2.67 0.00 | 27.22 2.46 0.00 | 24.66 2.17 0.00 | 25.39 2.42 0.00 | 25.08 2.43 0.00 | 27.20 2.78 0.00 | 38.13 3.92 0.00 | 28.64 2.65 -1.11 | 27.68 2.01 -7.79 | 26.74 2.40 -2.22 | 30.05 2.68 -1.21 | 32.70 2.90 -0.50 | 31.83 2.73 0.00 | 29.75 2.41 0.00 | 32.91 2.62 -1.12 | 43.46 4.31 0.00 | 40.20 3.30 0.00 | 38.53 3.17 0.00 | 40.10 3.75 0.00 | 41.38 4.11 0.00 | 39.45 3.95 0.00 | 36.37 3.90 0.00 | 29.93 3.20 0.00 | 28.49 2.99 0.00 |
| ISLIP_RES_REC 323679 | 27.07 1.35 0.00 | 26.12 1.36 0.00 | 23.69 1.20 0.00 | 24.08 1.10 0.00 | 23.70 1.05 0.00 | 25.50 1.07 0.00 | 35.77 1.56 0.00 | 32.61 1.41 -6.33 | 63.51 1.27 -44.35 | 36.75 1.97 -12.67 | 36.62 2.93 -7.53 | 37.11 3.35 -4.46 | 32.20 3.10 0.00 | 30.53 3.20 0.00 | 38.97 3.40 -6.40 | 43.63 4.48 0.00 | 41.19 4.29 0.00 | 39.42 4.07 0.00 | 40.12 3.76 0.00 | 40.45 3.18 0.00 | 38.75 3.26 0.00 | 35.27 2.79 0.00 | 29.07 2.33 0.00 | 27.65 2.15 0.00 |

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| JAMAICA__27_KV_LOAD 355505 | 26.93 1.21 0.00 | 25.94 1.18 0.00 | 23.60 1.11 0.00 | 23.91 0.94 0.00 | 23.59 0.95 0.00 | 25.35 0.93 0.00 | 35.53 1.33 0.00 | 32.45 1.22 -6.35 | 63.54 1.11 -44.54 | 36.56 1.73 -12.72 | 35.32 2.22 -6.94 | 34.85 2.67 -2.88 | 31.79 2.69 0.00 | 30.02 2.68 0.00 | 38.50 2.91 -6.43 | 43.17 4.02 0.00 | 40.89 4.00 0.00 | 38.98 3.62 0.00 | 39.44 3.08 0.00 | 40.14 2.88 0.00 | 38.24 2.74 0.00 | 35.02 2.54 0.00 | 28.90 2.16 0.00 | 27.43 1.94 0.00 |
| JANIS__SOLAR 323808 | 26.00 0.28 0.00 | 25.05 0.30 0.00 | 22.71 0.22 0.00 | 23.17 0.19 0.00 | 22.81 0.16 0.00 | 24.70 0.28 0.00 | 34.65 0.44 0.00 | 25.11 0.24 0.00 | 17.79 -0.09 0.00 | 21.93 -0.18 0.00 | 25.79 -0.37 0.00 | 28.89 -0.41 0.00 | 28.81 -0.29 0.00 | 27.27 -0.07 0.00 | 29.44 -0.17 -0.44 | 40.04 0.02 -0.87 | 39.48 -0.41 -2.99 | 38.13 0.01 -2.76 | 37.50 0.36 -0.78 | 38.05 0.78 0.00 | 36.27 0.77 0.00 | 33.06 0.58 0.00 | 27.20 0.47 0.00 | 25.94 0.45 0.00 |
| JARVIS____ 23743 | 25.72 0.00 0.00 | 24.78 0.03 0.00 | 22.51 0.02 0.00 | 22.99 0.01 0.00 | 22.67 0.01 0.00 | 24.42 0.00 0.00 | 34.20 -0.01 0.00 | 24.88 0.00 0.00 | 17.91 0.03 0.00 | 22.19 0.07 0.00 | 26.26 0.10 0.00 | 29.41 0.10 0.00 | 29.21 0.11 0.00 | 27.45 0.11 0.00 | 29.30 0.14 0.00 | 39.36 0.20 0.00 | 37.12 0.22 0.00 | 35.58 0.22 0.00 | 36.58 0.22 0.00 | 37.46 0.19 0.00 | 35.67 0.17 0.00 | 32.61 0.13 0.00 | 26.84 0.11 0.00 | 25.60 0.10 0.00 |
| JENNISON____1 23625 | 26.43 0.71 0.00 | 25.70 0.94 0.00 | 23.29 0.80 0.00 | 23.79 0.82 0.00 | 23.43 0.78 0.00 | 25.36 0.94 0.00 | 35.59 1.38 0.00 | 24.76 1.03 1.14 | 10.56 0.70 8.02 | 20.77 0.94 2.29 | 25.82 0.91 1.25 | 29.80 1.02 0.52 | 30.15 1.05 0.00 | 28.35 1.01 0.00 | 29.13 1.12 1.16 | 40.59 1.44 0.00 | 38.20 1.31 0.00 | 36.85 1.49 0.00 | 38.16 1.80 0.00 | 39.40 2.13 0.00 | 37.29 1.79 0.00 | 33.83 1.35 0.00 | 27.77 1.04 0.00 | 26.65 1.15 0.00 |
| JENNISON____2 23626 | 26.43 0.71 0.00 | 25.70 0.94 0.00 | 23.29 0.80 0.00 | 23.79 0.82 0.00 | 23.43 0.78 0.00 | 25.36 0.94 0.00 | 35.59 1.38 0.00 | 24.76 1.03 1.14 | 10.56 0.70 8.02 | 20.77 0.94 2.29 | 25.82 0.91 1.25 | 29.80 1.02 0.52 | 30.15 1.05 0.00 | 28.35 1.01 0.00 | 29.13 1.12 1.16 | 40.59 1.44 0.00 | 38.20 1.31 0.00 | 36.85 1.49 0.00 | 38.16 1.80 0.00 | 39.40 2.13 0.00 | 37.29 1.79 0.00 | 33.83 1.35 0.00 | 27.77 1.04 0.00 | 26.65 1.15 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 25.91 0.19 0.00 | 24.81 0.05 0.00 | 22.63 0.15 0.00 | 23.25 0.27 0.00 | 22.89 0.24 0.00 | 24.68 0.26 0.00 | 34.73 0.52 0.00 | 25.25 0.38 0.00 | 18.07 0.18 0.00 | 22.07 -0.05 0.00 | 26.01 -0.15 0.00 | 29.16 -0.14 0.00 | 28.91 -0.19 0.00 | 27.01 -0.32 0.00 | 28.65 -0.51 0.00 | 38.27 -0.88 0.00 | 36.17 -0.73 0.00 | 34.39 -0.97 0.00 | 35.72 -0.64 0.00 | 36.88 -0.39 0.00 | 35.16 -0.33 0.00 | 32.30 -0.17 0.00 | 26.40 -0.33 0.00 | 25.09 -0.41 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 26.71 0.98 0.00 | 25.74 0.98 0.00 | 23.39 0.90 0.00 | 23.80 0.83 0.00 | 23.48 0.83 0.00 | 25.23 0.81 0.00 | 35.37 1.16 0.00 | 30.81 1.04 -4.89 | 53.12 0.96 -34.28 | 33.42 1.52 -9.79 | 33.49 1.99 -5.34 | 33.82 2.30 -2.22 | 31.46 2.36 0.00 | 29.71 2.37 0.00 | 36.73 2.62 -4.94 | 42.84 3.69 0.00 | 40.52 3.62 0.00 | 38.70 3.34 0.00 | 39.27 2.91 0.00 | 39.94 2.67 0.00 | 37.95 2.45 0.00 | 34.67 2.19 0.00 | 28.51 1.77 0.00 | 27.13 1.64 0.00 |
| KCE_NY_1 323755 | 26.80 1.08 0.00 | 25.78 1.02 0.00 | 23.42 0.93 0.00 | 23.92 0.94 0.00 | 23.59 0.94 0.00 | 25.46 1.04 0.00 | 35.72 1.51 0.00 | 27.06 1.06 -1.12 | 26.62 0.86 -7.88 | 25.44 1.08 -2.25 | 28.55 1.17 -1.23 | 31.10 1.29 -0.51 | 30.37 1.27 0.00 | 28.56 1.23 0.00 | 31.68 1.37 -1.14 | 41.26 2.11 0.00 | 38.87 1.97 0.00 | 37.27 1.91 0.00 | 38.52 2.16 0.00 | 39.40 2.13 0.00 | 37.50 2.01 0.00 | 34.31 1.83 0.00 | 28.19 1.46 0.00 | 26.88 1.38 0.00 |
| KCE_NY_6_ESR 323823 | 24.99 -0.73 0.00 | 24.13 -0.63 0.00 | 21.92 -0.57 0.00 | 22.37 -0.61 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.19 -0.68 0.00 | 17.30 -0.58 0.00 | 21.79 -0.32 0.00 | 25.55 -0.61 0.00 | 28.45 -0.85 0.00 | 28.20 -0.90 0.00 | 26.24 -1.09 0.00 | 26.43 -1.28 1.46 | 33.99 -2.25 2.91 | 24.58 -2.13 10.19 | 24.18 -1.87 9.31 | 31.85 -1.90 2.61 | 35.64 -1.62 0.00 | 33.92 -1.57 0.00 | 31.15 -1.33 0.00 | 25.90 -0.83 0.00 | 24.91 -0.58 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 26.91 1.19 0.00 | 25.98 1.22 0.00 | 23.56 1.07 0.00 | 23.95 0.97 0.00 | 23.57 0.92 0.00 | 25.35 0.93 0.00 | 35.56 1.35 0.00 | 32.44 1.24 -6.33 | 63.37 1.14 -44.35 | 36.57 1.79 -12.67 | 36.39 2.69 -7.53 | 36.83 3.07 -4.46 | 31.92 2.82 0.00 | 30.26 2.93 0.00 | 38.67 3.10 -6.40 | 43.25 4.11 0.00 | 40.85 3.96 0.00 | 39.12 3.76 0.00 | 39.78 3.43 0.00 | 40.11 2.84 0.00 | 38.39 2.90 0.00 | 34.98 2.50 0.00 | 28.84 2.11 0.00 | 27.47 1.97 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 26.91 1.19 0.00 | 25.98 1.22 0.00 | 23.56 1.07 0.00 | 23.95 0.97 0.00 | 23.57 0.92 0.00 | 25.35 0.93 0.00 | 35.56 1.35 0.00 | 32.44 1.24 -6.33 | 63.37 1.14 -44.35 | 36.57 1.79 -12.67 | 36.39 2.69 -7.53 | 36.83 3.07 -4.46 | 31.92 2.82 0.00 | 30.26 2.93 0.00 | 38.67 3.10 -6.40 | 43.25 4.11 0.00 | 40.85 3.96 0.00 | 39.12 3.76 0.00 | 39.78 3.43 0.00 | 40.11 2.84 0.00 | 38.39 2.90 0.00 | 34.98 2.50 0.00 | 28.84 2.11 0.00 | 27.47 1.97 0.00 |
| KEDC_GLWD_GT4 24219 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.94 0.96 0.00 | 23.59 0.94 0.00 | 25.36 0.94 0.00 | 35.57 1.36 0.00 | 32.41 1.21 -6.33 | 63.33 1.10 -44.35 | 36.52 1.74 -12.67 | 36.10 2.41 -7.53 | 36.51 2.74 -4.46 | 31.82 2.72 0.00 | 30.10 2.76 0.00 | 38.56 2.99 -6.40 | 43.25 4.10 0.00 | 40.73 3.82 0.00 | 38.93 3.57 0.00 | 39.44 3.09 0.00 | 40.00 2.74 0.00 | 38.11 2.62 0.00 | 34.97 2.50 0.00 | 28.76 2.03 0.00 | 27.39 1.90 0.00 |
| KEDC_GLWD_GT5 24220 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.94 0.96 0.00 | 23.59 0.94 0.00 | 25.36 0.94 0.00 | 35.57 1.36 0.00 | 32.41 1.21 -6.33 | 63.33 1.10 -44.35 | 36.52 1.74 -12.67 | 36.10 2.41 -7.53 | 36.51 2.74 -4.46 | 31.82 2.72 0.00 | 30.10 2.76 0.00 | 38.56 2.99 -6.40 | 43.25 4.10 0.00 | 40.73 3.82 0.00 | 38.93 3.57 0.00 | 39.44 3.09 0.00 | 40.00 2.74 0.00 | 38.11 2.62 0.00 | 34.97 2.50 0.00 | 28.76 2.03 0.00 | 27.39 1.90 0.00 |
| KENSICO____ 23655 | 26.66 0.94 0.00 | 25.70 0.94 0.00 | 23.35 0.86 0.00 | 23.75 0.78 0.00 | 23.43 0.78 0.00 | 25.17 0.75 0.00 | 35.28 1.07 0.00 | 32.42 0.97 -6.57 | 64.89 0.92 -46.09 | 36.74 1.47 -13.16 | 35.28 1.94 -7.18 | 34.52 2.24 -2.98 | 31.38 2.28 0.00 | 29.62 2.28 0.00 | 38.33 2.52 -6.65 | 42.66 3.51 0.00 | 40.37 3.47 0.00 | 38.53 3.18 0.00 | 39.10 2.74 0.00 | 39.77 2.50 0.00 | 37.80 2.31 0.00 | 34.53 2.06 0.00 | 28.43 1.70 0.00 | 27.08 1.59 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 26.58 0.86 0.00 | 25.61 0.85 0.00 | 23.24 0.75 0.00 | 23.65 0.67 0.00 | 23.32 0.67 0.00 | 25.08 0.66 0.00 | 35.17 0.96 0.00 | 24.14 0.85 1.59 | 7.57 0.87 11.18 | 20.27 1.35 3.19 | 26.06 1.64 1.74 | 30.37 1.79 0.72 | 30.94 1.84 0.00 | 29.25 1.92 0.00 | 29.73 2.18 1.61 | 42.12 2.97 0.00 | 39.75 2.85 0.00 | 38.05 2.70 0.00 | 38.82 2.46 0.00 | 39.56 2.29 0.00 | 37.58 2.08 0.00 | 34.30 1.82 0.00 | 28.34 1.61 0.00 | 26.97 1.47 0.00 |

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| KIAC_JFK_GT1 23816 | 26.77 1.05 0.00 | 25.79 1.03 0.00 | 23.47 0.98 0.00 | 23.78 0.80 0.00 | 23.47 0.82 0.00 | 25.20 0.78 0.00 | 35.32 1.11 0.00 | 32.30 1.07 -6.35 | 63.43 1.00 -44.54 | 36.42 1.59 -12.72 | 35.15 2.05 -6.94 | 34.66 2.47 -2.88 | 31.59 2.49 0.00 | 29.76 2.42 0.00 | 38.22 2.63 -6.43 | 42.77 3.62 0.00 | 40.52 3.63 0.00 | 38.61 3.25 0.00 | 39.07 2.71 0.00 | 39.76 2.49 0.00 | 37.86 2.37 0.00 | 34.70 2.22 0.00 | 28.72 1.99 0.00 | 27.27 1.77 0.00 |
| KIAC_JFK_GT2 23817 | 26.77 1.05 0.00 | 25.79 1.03 0.00 | 23.47 0.98 0.00 | 23.78 0.80 0.00 | 23.47 0.82 0.00 | 25.20 0.78 0.00 | 35.32 1.11 0.00 | 32.30 1.07 -6.35 | 63.43 1.00 -44.54 | 36.42 1.59 -12.72 | 35.15 2.05 -6.94 | 34.66 2.47 -2.88 | 31.59 2.49 0.00 | 29.76 2.42 0.00 | 38.22 2.63 -6.43 | 42.77 3.62 0.00 | 40.52 3.63 0.00 | 38.61 3.25 0.00 | 39.07 2.71 0.00 | 39.76 2.49 0.00 | 37.86 2.37 0.00 | 34.70 2.22 0.00 | 28.72 1.99 0.00 | 27.27 1.77 0.00 |
| KIAC_JFK____ 323774 | 26.77 1.05 0.00 | 25.79 1.03 0.00 | 23.47 0.98 0.00 | 23.78 0.80 0.00 | 23.47 0.82 0.00 | 25.20 0.78 0.00 | 35.32 1.11 0.00 | 32.30 1.07 -6.35 | 63.43 1.00 -44.54 | 36.42 1.59 -12.72 | 35.15 2.05 -6.94 | 34.66 2.47 -2.88 | 31.59 2.49 0.00 | 29.76 2.42 0.00 | 38.22 2.63 -6.43 | 42.77 3.62 0.00 | 40.53 3.63 0.00 | 38.61 3.25 0.00 | 39.06 2.70 0.00 | 39.76 2.49 0.00 | 37.86 2.36 0.00 | 34.69 2.21 0.00 | 28.72 1.99 0.00 | 27.26 1.77 0.00 |
| KINTIGH__24_KV_GSU 356498 | 24.93 -0.79 0.00 | 24.00 -0.75 0.00 | 21.81 -0.68 0.00 | 22.27 -0.71 0.00 | 21.98 -0.67 0.00 | 23.88 -0.54 0.00 | 33.40 -0.81 0.00 | 24.03 -0.85 0.00 | 17.18 -0.70 0.00 | 21.61 -0.50 0.00 | 25.40 -0.76 0.00 | 28.35 -0.95 0.00 | 28.17 -0.93 0.00 | 26.30 -1.04 0.00 | 27.22 -1.23 0.72 | 35.57 -2.10 1.49 | 29.61 -2.09 5.20 | 28.76 -1.85 4.75 | 33.15 -1.88 1.33 | 35.59 -1.68 0.00 | 33.89 -1.61 0.00 | 31.12 -1.35 0.00 | 25.84 -0.89 0.00 | 24.84 -0.66 0.00 |
| KINTIGH____ 23543 | 24.92 -0.80 0.00 | 24.00 -0.76 0.00 | 21.80 -0.68 0.00 | 22.26 -0.72 0.00 | 21.97 -0.68 0.00 | 23.87 -0.55 0.00 | 33.40 -0.81 0.00 | 24.01 -0.86 0.00 | 17.17 -0.71 0.00 | 21.59 -0.52 0.00 | 25.37 -0.79 0.00 | 28.34 -0.96 0.00 | 28.16 -0.95 0.00 | 26.29 -1.05 0.00 | 27.20 -1.25 0.72 | 35.54 -2.12 1.49 | 29.56 -2.13 5.20 | 28.71 -1.89 4.75 | 33.11 -1.92 1.33 | 35.57 -1.69 0.00 | 33.87 -1.62 0.00 | 31.11 -1.37 0.00 | 25.83 -0.90 0.00 | 24.82 -0.67 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 26.33 0.61 0.00 | 25.20 0.44 0.00 | 22.98 0.49 0.00 | 23.58 0.61 0.00 | 23.22 0.58 0.00 | 25.06 0.64 0.00 | 35.27 1.07 0.00 | 25.65 0.77 0.00 | 18.31 0.43 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.53 0.23 0.00 | 29.29 0.18 0.00 | 27.38 0.05 0.00 | 29.03 -0.14 0.00 | 38.75 -0.40 0.00 | 36.58 -0.32 0.00 | 34.78 -0.57 0.00 | 36.21 -0.14 0.00 | 37.46 0.19 0.00 | 35.73 0.23 0.00 | 32.89 0.41 0.00 | 26.82 0.09 0.00 | 25.48 -0.02 0.00 |
| LACHUTE____HYDRO 323717 | 28.39 2.67 0.00 | 27.22 2.46 0.00 | 24.66 2.17 0.00 | 25.39 2.42 0.00 | 25.08 2.43 0.00 | 27.19 2.78 0.00 | 38.13 3.92 0.00 | 28.64 2.65 -1.11 | 27.68 2.01 -7.79 | 26.73 2.40 -2.22 | 30.06 2.68 -1.21 | 32.70 2.90 -0.50 | 31.83 2.73 0.00 | 29.75 2.42 0.00 | 32.91 2.62 -1.12 | 43.46 4.31 0.00 | 40.20 3.30 0.00 | 38.53 3.18 0.00 | 40.10 3.75 0.00 | 41.38 4.11 0.00 | 39.44 3.95 0.00 | 36.37 3.90 0.00 | 29.93 3.20 0.00 | 28.48 2.99 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 26.50 0.78 0.00 | 25.40 0.65 0.00 | 22.87 0.38 0.00 | 23.42 0.44 0.00 | 23.24 0.59 0.00 | 25.06 0.64 0.00 | 35.18 0.98 0.00 | 25.50 0.62 0.00 | 18.15 0.27 0.00 | 22.24 0.13 0.00 | 26.32 0.16 0.00 | 29.38 0.08 0.00 | 28.92 -0.19 0.00 | 26.93 -0.41 0.00 | 28.59 -0.58 0.00 | 38.18 -0.97 0.00 | 35.99 -0.91 0.00 | 34.47 -0.89 0.00 | 35.96 -0.40 0.00 | 37.18 -0.08 0.00 | 35.57 0.08 0.00 | 32.62 0.14 0.00 | 26.95 0.22 0.00 | 25.72 0.22 0.00 |
| LEDERLE____ 23769 | 26.70 0.98 0.00 | 25.73 0.97 0.00 | 23.36 0.87 0.00 | 23.77 0.79 0.00 | 23.44 0.79 0.00 | 25.19 0.77 0.00 | 35.31 1.10 0.00 | 16.61 0.96 9.22 | -45.87 0.92 64.67 | 5.12 1.47 18.47 | 18.02 1.94 10.08 | 27.34 2.22 4.18 | 31.38 2.28 0.00 | 29.63 2.29 0.00 | 22.37 2.53 9.33 | 42.71 3.56 0.00 | 40.42 3.52 0.00 | 38.60 3.25 0.00 | 39.16 2.80 0.00 | 39.83 2.57 0.00 | 37.83 2.34 0.00 | 34.52 2.05 0.00 | 28.41 1.68 0.00 | 27.07 1.58 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 25.62 -0.10 0.00 | 24.67 -0.09 0.00 | 22.22 -0.26 0.00 | 22.70 -0.28 0.00 | 22.43 -0.22 0.00 | 24.27 -0.16 0.00 | 33.96 -0.25 0.00 | 24.55 -0.33 0.00 | 17.64 -0.24 0.00 | 22.01 -0.10 0.00 | 25.93 -0.23 0.00 | 29.05 -0.25 0.00 | 28.60 -0.51 0.00 | 26.69 -0.65 0.00 | 28.36 -0.81 0.00 | 37.84 -1.31 0.00 | 35.58 -1.32 0.00 | 34.22 -1.14 0.00 | 35.46 -0.90 0.00 | 36.77 -0.50 0.00 | 35.16 -0.34 0.00 | 31.93 -0.55 0.00 | 26.46 -0.27 0.00 | 25.15 -0.35 0.00 |
| LINDEN COGEN____ 23786 | 26.69 0.97 0.00 | 25.71 0.95 0.00 | 23.34 0.86 0.00 | 23.73 0.75 0.00 | 23.41 0.76 0.00 | 25.15 0.73 0.00 | 35.29 1.08 0.00 | 32.25 1.02 -6.35 | 63.40 0.97 -44.54 | 36.42 1.59 -12.72 | 35.20 2.10 -6.94 | 34.67 2.49 -2.88 | 31.63 2.53 0.00 | 29.88 2.54 0.00 | 38.38 2.78 -6.43 | 42.96 3.81 0.00 | 40.69 3.79 0.00 | 38.82 3.46 0.00 | 39.27 2.92 0.00 | 39.91 2.64 0.00 | 37.96 2.47 0.00 | 34.69 2.21 0.00 | 28.56 1.83 0.00 | 27.21 1.71 0.00 |
| LINDHRST_69_KV_BK1 356055 | 27.10 1.38 0.00 | 26.14 1.38 0.00 | 23.69 1.20 0.00 | 24.09 1.11 0.00 | 23.72 1.07 0.00 | 25.51 1.09 0.00 | 35.79 1.58 0.00 | 32.61 1.41 -6.33 | 63.47 1.23 -44.35 | 36.70 1.92 -12.67 | 36.49 2.80 -7.53 | 36.89 3.13 -4.46 | 32.08 2.98 0.00 | 30.41 3.07 0.00 | 38.84 3.27 -6.40 | 43.58 4.43 0.00 | 41.27 4.37 0.00 | 39.56 4.20 0.00 | 40.16 3.80 0.00 | 40.56 3.29 0.00 | 38.75 3.25 0.00 | 35.32 2.84 0.00 | 29.07 2.34 0.00 | 27.68 2.19 0.00 |
| LIPA_MISC_IPP 23656 | 26.76 1.05 0.00 | 25.84 1.09 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.47 0.81 0.00 | 25.23 0.80 0.00 | 35.36 1.16 0.00 | 32.31 1.10 -6.33 | 63.27 1.03 -44.35 | 36.44 1.66 -12.67 | 36.24 2.55 -7.53 | 36.65 2.89 -4.46 | 31.75 2.65 0.00 | 30.10 2.77 0.00 | 38.50 2.94 -6.40 | 43.01 3.86 0.00 | 40.56 3.66 0.00 | 38.85 3.49 0.00 | 39.52 3.16 0.00 | 39.82 2.56 0.00 | 38.09 2.60 0.00 | 34.73 2.25 0.00 | 28.64 1.91 0.00 | 27.27 1.77 0.00 |
| LISF____SOLAR 323691 | 26.82 1.10 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.43 1.22 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.47 1.70 -12.67 | 36.29 2.60 -7.53 | 36.72 2.96 -4.46 | 31.81 2.71 0.00 | 30.16 2.82 0.00 | 38.56 3.00 -6.40 | 43.11 3.96 0.00 | 40.64 3.74 0.00 | 38.94 3.59 0.00 | 39.62 3.26 0.00 | 39.94 2.67 0.00 | 38.20 2.71 0.00 | 34.82 2.34 0.00 | 28.71 1.98 0.00 | 27.32 1.83 0.00 |
| LITTLE FALLS____HYD 24013 | 26.28 0.56 0.00 | 25.39 0.63 0.00 | 23.10 0.61 0.00 | 23.57 0.59 0.00 | 23.26 0.61 0.00 | 25.06 0.64 0.00 | 35.07 0.87 0.00 | 25.59 0.72 0.00 | 18.42 0.54 0.00 | 22.52 0.40 0.00 | 26.51 0.35 0.00 | 29.76 0.46 0.00 | 29.58 0.48 0.00 | 27.94 0.61 0.00 | 29.86 0.70 0.00 | 40.39 1.24 0.00 | 38.31 1.41 0.00 | 36.62 1.26 0.00 | 38.23 1.87 0.00 | 39.14 1.88 0.00 | 37.26 1.76 0.00 | 34.08 1.60 0.00 | 27.93 1.20 0.00 | 26.53 1.04 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 26.95 1.23 0.00 | 25.83 1.07 0.00 | 23.25 0.76 0.00 | 23.81 0.83 0.00 | 23.62 0.97 0.00 | 25.49 1.07 0.00 | 35.84 1.63 0.00 | 25.94 1.06 0.00 | 18.34 0.46 0.00 | 22.45 0.34 0.00 | 26.57 0.41 0.00 | 29.51 0.21 0.00 | 29.04 -0.06 0.00 | 27.12 -0.22 0.00 | 28.77 -0.40 0.00 | 38.37 -0.78 0.00 | 36.15 -0.75 0.00 | 34.63 -0.73 0.00 | 36.44 0.08 0.00 | 37.78 0.51 0.00 | 36.21 0.72 0.00 | 33.18 0.71 0.00 | 27.39 0.66 0.00 | 26.11 0.61 0.00 |
| LI_NEWBRDGE___DRP 323616 | 26.72 0.99 0.00 | 25.77 1.01 0.00 | 23.37 0.88 0.00 | 23.78 0.81 0.00 | 23.42 0.78 0.00 | 25.19 0.77 0.00 | 35.32 1.11 0.00 | 32.23 1.03 -6.33 | 63.19 0.96 -44.35 | 36.34 1.57 -12.67 | 35.97 2.27 -7.53 | 36.30 2.53 -4.46 | 31.51 2.41 0.00 | 29.84 2.50 0.00 | 38.24 2.68 -6.40 | 42.80 3.65 0.00 | 40.50 3.60 0.00 | 38.76 3.41 0.00 | 39.31 2.95 0.00 | 39.78 2.51 0.00 | 37.99 2.50 0.00 | 34.67 2.20 0.00 | 28.58 1.85 0.00 | 27.24 1.75 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 24.85 -0.87 0.00 | 23.93 -0.83 0.00 | 21.75 -0.74 0.00 | 22.20 -0.78 0.00 | 21.91 -0.74 0.00 | 23.86 -0.56 0.00 | 33.37 -0.83 0.00 | 23.91 -0.96 0.00 | 17.06 -0.82 0.00 | 21.49 -0.62 0.00 | 25.21 -0.95 0.00 | 28.11 -1.20 0.00 | 27.87 -1.23 0.00 | 25.95 -1.38 0.00 | 26.55 -1.57 1.05 | 34.42 -2.62 2.11 | 26.94 -2.57 7.38 | 26.45 -2.16 6.75 | 32.16 -2.31 1.89 | 35.20 -2.07 0.00 | 33.56 -1.93 0.00 | 30.85 -1.63 0.00 | 25.68 -1.06 0.00 | 24.77 -0.72 0.00 |
| LOCKPORT___CC1 323769 | 24.83 -0.89 0.00 | 23.92 -0.84 0.00 | 21.74 -0.75 0.00 | 22.19 -0.79 0.00 | 21.90 -0.76 0.00 | 23.84 -0.58 0.00 | 33.35 -0.86 0.00 | 23.87 -1.00 0.00 | 17.05 -0.84 0.00 | 21.48 -0.63 0.00 | 25.20 -0.96 0.00 | 28.09 -1.21 0.00 | 27.86 -1.24 0.00 | 25.94 -1.40 0.00 | 26.45 -1.59 1.13 | 34.24 -2.65 2.26 | 26.42 -2.57 7.91 | 25.97 -2.16 7.23 | 32.02 -2.31 2.03 | 35.18 -2.08 0.00 | 33.54 -1.96 0.00 | 30.83 -1.65 0.00 | 25.66 -1.07 0.00 | 24.77 -0.73 0.00 |
| LOCKPORT___CC2 323770 | 24.83 -0.89 0.00 | 23.92 -0.84 0.00 | 21.74 -0.75 0.00 | 22.19 -0.79 0.00 | 21.90 -0.76 0.00 | 23.84 -0.58 0.00 | 33.35 -0.86 0.00 | 23.87 -1.00 0.00 | 17.05 -0.84 0.00 | 21.48 -0.63 0.00 | 25.20 -0.96 0.00 | 28.09 -1.21 0.00 | 27.86 -1.24 0.00 | 25.94 -1.40 0.00 | 26.45 -1.59 1.13 | 34.24 -2.65 2.26 | 26.42 -2.57 7.91 | 25.97 -2.16 7.23 | 32.02 -2.31 2.03 | 35.18 -2.08 0.00 | 33.54 -1.96 0.00 | 30.83 -1.65 0.00 | 25.66 -1.07 0.00 | 24.77 -0.73 0.00 |
| LOCKPORT___CC3 323771 | 24.83 -0.89 0.00 | 23.92 -0.84 0.00 | 21.74 -0.75 0.00 | 22.19 -0.79 0.00 | 21.90 -0.76 0.00 | 23.84 -0.58 0.00 | 33.35 -0.86 0.00 | 23.87 -1.00 0.00 | 17.05 -0.84 0.00 | 21.48 -0.63 0.00 | 25.20 -0.96 0.00 | 28.09 -1.21 0.00 | 27.86 -1.24 0.00 | 25.94 -1.40 0.00 | 26.45 -1.59 1.13 | 34.24 -2.65 2.26 | 26.42 -2.57 7.91 | 25.97 -2.16 7.23 | 32.02 -2.31 2.03 | 35.18 -2.08 0.00 | 33.54 -1.96 0.00 | 30.83 -1.65 0.00 | 25.66 -1.07 0.00 | 24.77 -0.73 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 26.95 1.24 0.00 | 25.98 1.22 0.00 | 23.57 1.08 0.00 | 23.97 0.99 0.00 | 23.62 0.97 0.00 | 25.41 0.99 0.00 | 35.64 1.43 0.00 | 32.47 1.27 -6.33 | 63.38 1.14 -44.35 | 36.59 1.81 -12.67 | 36.24 2.55 -7.53 | 36.62 2.86 -4.46 | 31.91 2.81 0.00 | 30.22 2.89 0.00 | 38.69 3.13 -6.40 | 43.42 4.27 0.00 | 41.05 4.16 0.00 | 39.24 3.88 0.00 | 39.73 3.37 0.00 | 40.23 2.96 0.00 | 38.38 2.88 0.00 | 35.07 2.60 0.00 | 28.88 2.14 0.00 | 27.49 2.00 0.00 |
| LONG_LAKE_PHOENIX 24014 | 25.17 -0.55 0.00 | 24.22 -0.54 0.00 | 22.00 -0.48 0.00 | 22.47 -0.51 0.00 | 22.15 -0.51 0.00 | 23.92 -0.50 0.00 | 33.47 -0.74 0.00 | 24.30 -0.58 0.00 | 17.45 -0.43 0.00 | 21.69 -0.42 0.00 | 25.60 -0.56 0.00 | 28.72 -0.58 0.00 | 28.49 -0.61 0.00 | 26.76 -0.58 0.00 | 28.56 -0.61 0.00 | 38.35 -0.79 0.00 | 36.08 -0.82 0.00 | 34.63 -0.73 0.00 | 35.59 -0.76 0.00 | 36.57 -0.70 0.00 | 34.83 -0.67 0.00 | 31.80 -0.67 0.00 | 26.21 -0.52 0.00 | 25.02 -0.48 0.00 |
| LOVETT___3 23632 | 26.51 0.79 0.00 | 25.56 0.80 0.00 | 23.22 0.73 0.00 | 23.63 0.65 0.00 | 23.30 0.66 0.00 | 25.03 0.61 0.00 | 35.06 0.86 0.00 | 16.00 0.79 9.66 | -49.03 0.78 67.69 | 4.09 1.31 19.33 | 17.34 1.73 10.55 | 26.90 1.98 4.38 | 31.12 2.02 0.00 | 29.37 2.04 0.00 | 21.66 2.25 9.77 | 42.32 3.17 0.00 | 40.05 3.15 0.00 | 38.24 2.89 0.00 | 38.80 2.44 0.00 | 39.47 2.21 0.00 | 37.51 2.02 0.00 | 34.26 1.78 0.00 | 28.21 1.48 0.00 | 26.89 1.40 0.00 |
| LOVETT___4 23642 | 26.51 0.79 0.00 | 25.56 0.80 0.00 | 23.22 0.73 0.00 | 23.63 0.65 0.00 | 23.30 0.66 0.00 | 25.03 0.61 0.00 | 35.06 0.86 0.00 | 16.00 0.79 9.66 | -49.03 0.78 67.69 | 4.09 1.31 19.33 | 17.34 1.73 10.55 | 26.90 1.98 4.38 | 31.12 2.02 0.00 | 29.37 2.04 0.00 | 21.66 2.25 9.77 | 42.32 3.17 0.00 | 40.05 3.15 0.00 | 38.24 2.89 0.00 | 38.80 2.44 0.00 | 39.47 2.21 0.00 | 37.51 2.02 0.00 | 34.26 1.78 0.00 | 28.21 1.48 0.00 | 26.89 1.40 0.00 |
| LOVETT___5 23593 | 26.51 0.79 0.00 | 25.56 0.80 0.00 | 23.22 0.73 0.00 | 23.63 0.65 0.00 | 23.30 0.66 0.00 | 25.03 0.61 0.00 | 35.06 0.86 0.00 | 16.00 0.79 9.66 | -49.03 0.78 67.69 | 4.09 1.31 19.33 | 17.34 1.73 10.55 | 26.90 1.98 4.38 | 31.12 2.02 0.00 | 29.37 2.04 0.00 | 21.66 2.25 9.77 | 42.32 3.17 0.00 | 40.05 3.15 0.00 | 38.24 2.89 0.00 | 38.80 2.44 0.00 | 39.47 2.21 0.00 | 37.51 2.02 0.00 | 34.26 1.78 0.00 | 28.21 1.48 0.00 | 26.89 1.40 0.00 |
| LOWER RAQUET___HYD 24057 | 26.52 0.80 0.00 | 25.43 0.67 0.00 | 22.88 0.39 0.00 | 23.43 0.46 0.00 | 23.25 0.60 0.00 | 25.07 0.64 0.00 | 35.20 0.99 0.00 | 25.50 0.62 0.00 | 18.14 0.26 0.00 | 22.24 0.12 0.00 | 26.31 0.15 0.00 | 29.34 0.04 0.00 | 28.83 -0.27 0.00 | 26.81 -0.52 0.00 | 28.47 -0.70 0.00 | 37.99 -1.16 0.00 | 35.82 -1.08 0.00 | 34.30 -1.06 0.00 | 35.84 -0.52 0.00 | 37.10 -0.16 0.00 | 35.53 0.03 0.00 | 32.57 0.09 0.00 | 26.94 0.21 0.00 | 25.71 0.22 0.00 |
| LOWER___HUDSON 24059 | 26.38 0.67 0.00 | 25.44 0.68 0.00 | 23.14 0.65 0.00 | 23.65 0.67 0.00 | 23.34 0.69 0.00 | 25.12 0.70 0.00 | 35.15 0.94 0.00 | 26.81 0.69 -1.25 | 27.24 0.62 -8.74 | 25.44 0.83 -2.49 | 28.46 0.94 -1.36 | 30.87 1.00 -0.57 | 30.14 1.04 0.00 | 28.37 1.03 0.00 | 31.60 1.17 -1.26 | 40.98 1.83 0.00 | 38.57 1.67 0.00 | 36.91 1.55 0.00 | 37.94 1.58 0.00 | 38.77 1.51 0.00 | 36.92 1.43 0.00 | 33.86 1.39 0.00 | 27.82 1.09 0.00 | 26.53 1.04 0.00 |
| LOWVILLE_115KV_TB2 356335 | 26.49 0.77 0.00 | 25.47 0.72 0.00 | 22.62 0.13 0.00 | 23.11 0.13 0.00 | 22.91 0.26 0.00 | 24.86 0.44 0.00 | 34.80 0.60 0.00 | 25.03 0.16 0.00 | 17.96 0.08 0.00 | 22.43 0.32 0.00 | 26.59 0.43 0.00 | 29.67 0.37 0.00 | 28.95 -0.15 0.00 | 26.68 -0.65 0.00 | 28.22 -0.95 0.00 | 37.49 -1.66 0.00 | 35.45 -1.45 0.00 | 33.80 -1.56 0.00 | 35.41 -0.95 0.00 | 37.16 -0.10 0.00 | 35.67 0.17 0.00 | 32.01 -0.47 0.00 | 26.64 -0.09 0.00 | 25.24 -0.25 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 26.75 1.03 0.00 | 25.77 1.01 0.00 | 23.42 0.93 0.00 | 23.92 0.95 0.00 | 23.60 0.95 0.00 | 25.45 1.03 0.00 | 35.68 1.48 0.00 | 27.05 1.06 -1.12 | 26.61 0.85 -7.88 | 25.43 1.07 -2.25 | 28.54 1.15 -1.23 | 31.07 1.26 -0.51 | 30.34 1.24 0.00 | 28.53 1.20 0.00 | 31.65 1.35 -1.14 | 41.23 2.08 0.00 | 38.85 1.95 0.00 | 37.25 1.89 0.00 | 38.46 2.11 0.00 | 39.35 2.08 0.00 | 37.47 1.97 0.00 | 34.30 1.82 0.00 | 28.17 1.44 0.00 | 26.85 1.35 0.00 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LUTHERNY_35_KV_BK2 355980 | 26.80 1.08 0.00 | 25.78 1.02 0.00 | 23.42 0.93 0.00 | 23.92 0.94 0.00 | 23.59 0.94 0.00 | 25.46 1.04 0.00 | 35.72 1.51 0.00 | 27.06 1.06 -1.12 | 26.62 0.86 -7.88 | 25.44 1.08 -2.25 | 28.55 1.17 -1.23 | 31.10 1.29 -0.51 | 30.37 1.27 0.00 | 28.56 1.23 0.00 | 31.67 1.37 -1.14 | 41.26 2.11 0.00 | 38.87 1.98 0.00 | 37.27 1.91 0.00 | 38.52 2.16 0.00 | 39.40 2.13 0.00 | 37.50 2.01 0.00 | 34.31 1.83 0.00 | 28.19 1.46 0.00 | 26.88 1.39 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 26.52 0.80 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.28 0.00 | 23.08 0.43 0.00 | 24.96 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.39 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| LYONS_FALL_HYD 23570 | 26.39 0.67 0.00 | 25.39 0.64 0.00 | 22.74 0.25 0.00 | 23.22 0.24 0.00 | 22.97 0.32 0.00 | 24.89 0.46 0.00 | 34.86 0.65 0.00 | 25.18 0.30 0.00 | 18.07 0.18 0.00 | 22.50 0.39 0.00 | 26.66 0.50 0.00 | 29.79 0.49 0.00 | 29.25 0.15 0.00 | 27.17 -0.16 0.00 | 28.85 -0.31 0.00 | 38.47 -0.68 0.00 | 36.40 -0.50 0.00 | 34.51 -0.85 0.00 | 35.88 -0.48 0.00 | 37.36 0.10 0.00 | 35.77 0.28 0.00 | 32.28 -0.20 0.00 | 26.78 0.04 0.00 | 25.40 -0.09 0.00 |
| MADISON___COUNTY_LFGE 323628 | 26.26 0.54 0.00 | 25.30 0.54 0.00 | 22.90 0.41 0.00 | 23.39 0.41 0.00 | 23.06 0.41 0.00 | 24.94 0.52 0.00 | 34.94 0.73 0.00 | 25.39 0.51 0.00 | 18.17 0.29 0.00 | 22.52 0.41 0.00 | 26.70 0.54 0.00 | 29.84 0.54 0.00 | 29.58 0.48 0.00 | 27.77 0.43 0.00 | 29.66 0.50 0.00 | 39.70 0.55 0.00 | 37.59 0.69 0.00 | 36.31 0.95 0.00 | 37.55 1.20 0.00 | 38.60 1.34 0.00 | 36.76 1.27 0.00 | 33.51 1.03 0.00 | 27.56 0.83 0.00 | 26.23 0.73 0.00 |
| MALONE___115KV_TB1 356076 | 26.36 0.64 0.00 | 25.22 0.46 0.00 | 22.93 0.45 0.00 | 23.53 0.55 0.00 | 23.21 0.57 0.00 | 25.04 0.61 0.00 | 35.24 1.04 0.00 | 25.62 0.75 0.00 | 18.30 0.42 0.00 | 22.37 0.26 0.00 | 26.37 0.21 0.00 | 29.57 0.27 0.00 | 29.20 0.10 0.00 | 27.24 -0.09 0.00 | 28.93 -0.24 0.00 | 38.56 -0.59 0.00 | 36.44 -0.46 0.00 | 34.74 -0.62 0.00 | 36.19 -0.17 0.00 | 37.47 0.21 0.00 | 35.77 0.28 0.00 | 32.83 0.36 0.00 | 26.88 0.15 0.00 | 25.54 0.05 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 26.18 0.46 0.00 | 25.24 0.49 0.00 | 22.97 0.48 0.00 | 23.48 0.50 0.00 | 23.17 0.52 0.00 | 24.90 0.48 0.00 | 34.80 0.59 0.00 | 26.59 0.50 -1.21 | 26.88 0.49 -8.50 | 25.22 0.68 -2.43 | 28.27 0.78 -1.33 | 30.68 0.83 -0.55 | 30.00 0.90 0.00 | 28.28 0.94 0.00 | 31.49 1.10 -1.23 | 40.79 1.64 0.00 | 38.46 1.56 0.00 | 36.78 1.42 0.00 | 37.74 1.38 0.00 | 38.55 1.28 0.00 | 36.68 1.19 0.00 | 33.60 1.13 0.00 | 27.61 0.88 0.00 | 26.31 0.82 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 25.68 -0.04 0.00 | 24.73 -0.03 0.00 | 22.39 -0.10 0.00 | 22.91 -0.06 0.00 | 22.60 -0.05 0.00 | 24.35 -0.07 0.00 | 34.08 -0.13 0.00 | 24.71 -0.16 0.00 | 17.76 -0.12 0.00 | 21.97 -0.15 0.00 | 26.04 -0.12 0.00 | 29.19 -0.12 0.00 | 28.86 -0.24 0.00 | 27.01 -0.33 0.00 | 28.68 -0.48 0.00 | 38.36 -0.79 0.00 | 36.13 -0.78 0.00 | 34.79 -0.57 0.00 | 35.92 -0.43 0.00 | 36.90 -0.36 0.00 | 35.18 -0.32 0.00 | 32.12 -0.36 0.00 | 26.48 -0.25 0.00 | 25.18 -0.31 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 25.68 -0.04 0.00 | 24.73 -0.03 0.00 | 22.39 -0.10 0.00 | 22.91 -0.06 0.00 | 22.60 -0.05 0.00 | 24.35 -0.07 0.00 | 34.08 -0.13 0.00 | 24.71 -0.16 0.00 | 17.76 -0.12 0.00 | 21.97 -0.15 0.00 | 26.04 -0.12 0.00 | 29.19 -0.12 0.00 | 28.86 -0.24 0.00 | 27.01 -0.33 0.00 | 28.68 -0.48 0.00 | 38.36 -0.79 0.00 | 36.13 -0.78 0.00 | 34.79 -0.57 0.00 | 35.92 -0.43 0.00 | 36.90 -0.36 0.00 | 35.18 -0.32 0.00 | 32.12 -0.36 0.00 | 26.48 -0.25 0.00 | 25.18 -0.31 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 25.95 0.23 0.00 | 24.85 0.09 0.00 | 22.68 0.19 0.00 | 23.29 0.31 0.00 | 22.94 0.29 0.00 | 24.72 0.30 0.00 | 34.79 0.58 0.00 | 25.29 0.42 0.00 | 18.09 0.21 0.00 | 22.12 0.01 0.00 | 26.06 -0.10 0.00 | 29.20 -0.10 0.00 | 28.96 -0.14 0.00 | 27.08 -0.26 0.00 | 28.73 -0.44 0.00 | 38.35 -0.81 0.00 | 36.24 -0.66 0.00 | 34.46 -0.90 0.00 | 35.78 -0.58 0.00 | 36.93 -0.34 0.00 | 35.20 -0.29 0.00 | 32.36 -0.12 0.00 | 26.43 -0.30 0.00 | 25.11 -0.38 0.00 |
| MARSHVLE_115KV_TB1 80742 | 26.65 0.93 0.00 | 25.64 0.88 0.00 | 23.23 0.74 0.00 | 23.70 0.72 0.00 | 23.39 0.75 0.00 | 25.25 0.83 0.00 | 35.53 1.32 0.00 | 26.48 0.91 -0.70 | 23.19 0.42 -4.88 | 23.68 0.17 -1.39 | 27.07 0.15 -0.76 | 29.94 0.32 -0.32 | 29.26 0.16 0.00 | 27.49 0.15 0.00 | 29.93 0.06 -0.70 | 39.19 0.04 0.00 | 37.15 0.25 0.00 | 35.78 0.43 0.00 | 37.35 0.99 0.00 | 38.62 1.35 0.00 | 36.92 1.42 0.00 | 33.67 1.19 0.00 | 27.58 0.85 0.00 | 26.29 0.79 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.20 -0.52 0.00 | 24.55 -0.20 0.00 | 22.27 -0.22 0.00 | 22.54 -0.44 0.00 | 21.85 -0.79 0.00 | 23.81 -0.61 0.00 | 33.65 -0.56 0.00 | 24.23 -0.65 0.00 | 17.37 -0.51 0.00 | 21.45 -0.67 0.00 | 25.31 -0.85 0.00 | 28.35 -0.95 0.00 | 27.87 -1.23 0.00 | 25.64 -1.69 0.00 | 32.39 -1.51 -4.74 | 45.76 -2.20 -8.81 | 65.35 -2.24 -30.69 | 61.59 -1.89 -28.12 | 42.68 -1.58 -7.90 | 35.76 -1.51 0.00 | 34.17 -1.33 0.00 | 31.18 -1.30 0.00 | 25.80 -0.93 0.00 | 24.87 -0.63 0.00 |
| MCINTYRE_115KV_TB2 80467 | 27.09 1.37 0.00 | 25.97 1.21 0.00 | 23.39 0.90 0.00 | 23.95 0.98 0.00 | 23.76 1.11 0.00 | 25.65 1.23 0.00 | 36.08 1.87 0.00 | 26.09 1.21 0.00 | 18.40 0.51 0.00 | 22.49 0.38 0.00 | 26.61 0.45 0.00 | 29.55 0.25 0.00 | 29.15 0.05 0.00 | 27.28 -0.06 0.00 | 28.97 -0.20 0.00 | 38.63 -0.52 0.00 | 36.34 -0.56 0.00 | 34.82 -0.53 0.00 | 36.79 0.43 0.00 | 38.10 0.84 0.00 | 36.52 1.02 0.00 | 33.45 0.98 0.00 | 27.54 0.81 0.00 | 26.25 0.75 0.00 |
| MECO_____69_KV_BK1 80468 | 26.97 1.25 0.00 | 25.95 1.19 0.00 | 23.53 1.04 0.00 | 24.01 1.03 0.00 | 23.71 1.06 0.00 | 25.60 1.18 0.00 | 36.02 1.81 0.00 | 26.99 1.29 -0.82 | 24.44 0.78 -5.77 | 24.12 0.36 -1.65 | 27.37 0.31 -0.90 | 30.07 0.39 -0.37 | 29.36 0.26 0.00 | 27.74 0.41 0.00 | 30.33 0.33 -0.83 | 39.52 0.37 0.00 | 37.65 0.75 0.00 | 36.53 1.18 0.00 | 38.20 1.84 0.00 | 39.53 2.27 0.00 | 37.71 2.22 0.00 | 34.40 1.92 0.00 | 28.18 1.45 0.00 | 26.81 1.31 0.00 |
| MENANDS___115KV_TB5 355628 | 26.01 0.29 0.00 | 25.09 0.33 0.00 | 22.84 0.35 0.00 | 23.35 0.37 0.00 | 23.04 0.39 0.00 | 24.75 0.33 0.00 | 34.56 0.35 0.00 | 26.43 0.33 -1.22 | 26.80 0.38 -8.54 | 25.10 0.55 -2.44 | 28.13 0.64 -1.33 | 30.51 0.66 -0.55 | 29.84 0.74 0.00 | 28.12 0.79 0.00 | 31.32 0.92 -1.23 | 40.55 1.40 0.00 | 38.22 1.32 0.00 | 36.54 1.18 0.00 | 37.46 1.10 0.00 | 38.24 0.98 0.00 | 36.40 0.91 0.00 | 33.36 0.88 0.00 | 27.42 0.69 0.00 | 26.14 0.64 0.00 |
| MG INDUSTRY___DRP 24185 | 26.03 0.32 0.00 | 25.12 0.36 0.00 | 22.87 0.38 0.00 | 23.37 0.39 0.00 | 23.06 0.41 0.00 | 24.82 0.40 0.00 | 34.68 0.47 0.00 | 26.24 0.37 -0.99 | 25.16 0.35 -6.93 | 24.56 0.46 -1.98 | 27.68 0.44 -1.08 | 30.21 0.46 -0.45 | 29.68 0.58 0.00 | 27.96 0.63 0.00 | 30.85 0.69 -1.00 | 40.18 1.03 0.00 | 37.91 1.01 0.00 | 36.31 0.95 0.00 | 37.33 0.97 0.00 | 38.20 0.93 0.00 | 36.39 0.90 0.00 | 33.33 0.85 0.00 | 27.41 0.68 0.00 | 26.14 0.64 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 26.52 0.80 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.28 0.00 | 23.08 0.43 0.00 | 24.96 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.39 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| MID___RAQUETTE_HYD 23851 | 26.52 0.80 0.00 | 25.43 0.67 0.00 | 22.88 0.39 0.00 | 23.43 0.46 0.00 | 23.25 0.60 0.00 | 25.07 0.64 0.00 | 35.20 0.99 0.00 | 25.50 0.62 0.00 | 18.14 0.26 0.00 | 22.24 0.12 0.00 | 26.31 0.15 0.00 | 29.34 0.04 0.00 | 28.83 -0.27 0.00 | 26.81 -0.52 0.00 | 28.46 -0.70 0.00 | 37.99 -1.16 0.00 | 35.81 -1.09 0.00 | 34.30 -1.06 0.00 | 35.84 -0.52 0.00 | 37.10 -0.16 0.00 | 35.53 0.03 0.00 | 32.57 0.09 0.00 | 26.94 0.21 0.00 | 25.71 0.22 0.00 |
| MILLIKEN___1 23584 | 25.87 0.15 0.00 | 24.93 0.17 0.00 | 22.61 0.12 0.00 | 23.06 0.08 0.00 | 22.70 0.05 0.00 | 24.55 0.13 0.00 | 34.46 0.25 0.00 | 24.99 0.12 0.00 | 17.86 -0.02 0.00 | 22.17 0.06 0.00 | 26.10 -0.06 0.00 | 29.28 -0.02 0.00 | 29.22 0.12 0.00 | 27.43 0.09 0.00 | 29.65 0.11 -0.37 | 40.15 0.27 -0.72 | 39.36 -0.04 -2.49 | 37.82 0.16 -2.30 | 37.33 0.32 -0.65 | 37.78 0.51 0.00 | 35.96 0.46 0.00 | 32.79 0.32 0.00 | 27.01 0.27 0.00 | 25.80 0.31 0.00 |
| MILLIKEN___2 23585 | 25.87 0.15 0.00 | 24.93 0.17 0.00 | 22.61 0.12 0.00 | 23.06 0.08 0.00 | 22.70 0.05 0.00 | 24.55 0.13 0.00 | 34.46 0.25 0.00 | 24.99 0.12 0.00 | 17.86 -0.02 0.00 | 22.17 0.06 0.00 | 26.10 -0.06 0.00 | 29.28 -0.02 0.00 | 29.22 0.12 0.00 | 27.43 0.09 0.00 | 29.65 0.11 -0.37 | 40.15 0.27 -0.72 | 39.36 -0.04 -2.49 | 37.82 0.16 -2.30 | 37.33 0.32 -0.65 | 37.78 0.51 0.00 | 35.96 0.46 0.00 | 32.79 0.32 0.00 | 27.01 0.27 0.00 | 25.80 0.31 0.00 |
| MILLIKEN___DIESEL 23629 | 25.87 0.15 0.00 | 24.93 0.17 0.00 | 22.61 0.12 0.00 | 23.06 0.08 0.00 | 22.70 0.05 0.00 | 24.55 0.13 0.00 | 34.46 0.25 0.00 | 24.99 0.12 0.00 | 17.86 -0.02 0.00 | 22.17 0.06 0.00 | 26.10 -0.06 0.00 | 29.28 -0.02 0.00 | 29.22 0.12 0.00 | 27.43 0.09 0.00 | 29.65 0.11 -0.37 | 40.15 0.27 -0.72 | 39.36 -0.04 -2.49 | 37.82 0.16 -2.30 | 37.33 0.32 -0.65 | 37.78 0.51 0.00 | 35.96 0.46 0.00 | 32.79 0.32 0.00 | 27.01 0.27 0.00 | 25.80 0.31 0.00 |
| MILLSEAT___LFGE 323607 | 25.36 -0.36 0.00 | 24.39 -0.36 0.00 | 22.16 -0.33 0.00 | 22.62 -0.36 0.00 | 22.34 -0.31 0.00 | 24.33 -0.09 0.00 | 34.10 -0.11 0.00 | 24.50 -0.37 0.00 | 17.45 -0.43 0.00 | 21.88 -0.23 0.00 | 25.66 -0.50 0.00 | 28.67 -0.63 0.00 | 28.45 -0.65 0.00 | 26.50 -0.84 0.00 | 27.43 -0.90 0.83 | 35.84 -1.62 1.70 | 29.25 -1.71 5.94 | 28.70 -1.23 5.43 | 33.49 -1.34 1.52 | 36.27 -1.00 0.00 | 34.59 -0.91 0.00 | 31.73 -0.75 0.00 | 26.30 -0.43 0.00 | 25.31 -0.19 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 26.59 0.87 0.00 | 25.63 0.88 0.00 | 23.30 0.81 0.00 | 23.70 0.73 0.00 | 23.38 0.73 0.00 | 25.12 0.69 0.00 | 35.20 0.99 0.00 | 32.49 0.90 -6.72 | 65.84 0.86 -47.09 | 36.96 1.40 -13.45 | 35.34 1.84 -7.34 | 34.47 2.12 -3.05 | 31.26 2.16 0.00 | 29.51 2.17 0.00 | 38.35 2.39 -6.79 | 42.51 3.36 0.00 | 40.21 3.32 0.00 | 38.40 3.04 0.00 | 38.97 2.62 0.00 | 39.64 2.38 0.00 | 37.69 2.19 0.00 | 34.42 1.95 0.00 | 28.34 1.61 0.00 | 27.00 1.51 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 26.64 0.92 0.00 | 25.68 0.92 0.00 | 23.33 0.84 0.00 | 23.74 0.76 0.00 | 23.41 0.76 0.00 | 25.16 0.74 0.00 | 35.26 1.05 0.00 | 32.54 0.94 -6.72 | 65.87 0.89 -47.09 | 37.00 1.44 -13.45 | 35.38 1.88 -7.34 | 34.51 2.16 -3.05 | 31.31 2.21 0.00 | 29.56 2.23 0.00 | 38.41 2.45 -6.79 | 42.59 3.44 0.00 | 40.29 3.39 0.00 | 38.48 3.13 0.00 | 39.05 2.69 0.00 | 39.72 2.46 0.00 | 37.76 2.26 0.00 | 34.49 2.01 0.00 | 28.38 1.65 0.00 | 27.04 1.55 0.00 |
| MODEL_CITY_ENERGY 24167 | 24.64 -1.08 0.00 | 23.73 -1.03 0.00 | 21.57 -0.92 0.00 | 22.03 -0.95 0.00 | 21.74 -0.91 0.00 | 23.68 -0.75 0.00 | 33.10 -1.11 0.00 | 23.70 -1.18 0.00 | 16.93 -0.95 0.00 | 21.33 -0.77 0.00 | 25.02 -1.14 0.00 | 27.85 -1.46 0.00 | 27.61 -1.50 0.00 | 25.69 -1.65 0.00 | 26.24 -1.83 1.10 | 33.93 -3.01 2.21 | 26.28 -2.87 7.75 | 25.84 -2.43 7.08 | 31.72 -2.65 1.99 | 34.80 -2.46 0.00 | 33.19 -2.31 0.00 | 30.54 -1.94 0.00 | 25.42 -1.31 0.00 | 24.57 -0.92 0.00 |
| MODERN_LFGE___ 323580 | 24.64 -1.08 0.00 | 23.73 -1.03 0.00 | 21.57 -0.92 0.00 | 22.03 -0.95 0.00 | 21.74 -0.91 0.00 | 23.68 -0.75 0.00 | 33.10 -1.11 0.00 | 23.70 -1.18 0.00 | 16.93 -0.95 0.00 | 21.33 -0.77 0.00 | 25.02 -1.14 0.00 | 27.85 -1.46 0.00 | 27.61 -1.50 0.00 | 25.69 -1.65 0.00 | 26.24 -1.83 1.10 | 33.93 -3.01 2.21 | 26.28 -2.87 7.75 | 25.84 -2.43 7.08 | 31.72 -2.65 1.99 | 34.80 -2.46 0.00 | 33.19 -2.31 0.00 | 30.54 -1.94 0.00 | 25.42 -1.31 0.00 | 24.57 -0.92 0.00 |
| MOHAWK_PAPER___DRP 24187 | 26.18 0.46 0.00 | 25.24 0.49 0.00 | 22.97 0.48 0.00 | 23.48 0.50 0.00 | 23.17 0.52 0.00 | 24.90 0.48 0.00 | 34.80 0.59 0.00 | 26.59 0.50 -1.21 | 26.88 0.49 -8.50 | 25.22 0.68 -2.43 | 28.27 0.78 -1.33 | 30.68 0.83 -0.55 | 30.00 0.90 0.00 | 28.28 0.94 0.00 | 31.49 1.10 -1.23 | 40.79 1.64 0.00 | 38.46 1.56 0.00 | 36.78 1.42 0.00 | 37.74 1.38 0.00 | 38.55 1.28 0.00 | 36.68 1.19 0.00 | 33.60 1.13 0.00 | 27.61 0.88 0.00 | 26.31 0.82 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 27.05 1.33 0.00 | 26.02 1.27 0.00 | 23.63 1.14 0.00 | 24.16 1.18 0.00 | 23.84 1.19 0.00 | 25.75 1.33 0.00 | 36.13 1.92 0.00 | 27.32 1.33 -1.12 | 26.79 1.08 -7.83 | 25.66 1.31 -2.24 | 28.69 1.32 -1.22 | 31.26 1.45 -0.51 | 30.47 1.37 0.00 | 28.58 1.24 0.00 | 31.68 1.38 -1.13 | 41.41 2.26 0.00 | 38.91 2.01 0.00 | 37.36 2.01 0.00 | 38.79 2.44 0.00 | 39.72 2.46 0.00 | 37.87 2.37 0.00 | 34.71 2.24 0.00 | 28.51 1.77 0.00 | 27.14 1.65 0.00 |
| MONGAUP___HYD 23641 | 26.58 0.86 0.00 | 25.60 0.84 0.00 | 23.24 0.75 0.00 | 23.67 0.69 0.00 | 23.33 0.68 0.00 | 25.11 0.69 0.00 | 35.19 0.98 0.00 | 19.06 0.81 6.63 | -27.85 0.75 46.48 | 9.92 1.08 13.27 | 20.14 1.22 7.24 | 27.56 1.26 3.01 | 30.40 1.30 0.00 | 28.66 1.33 0.00 | 23.95 1.49 6.71 | 41.28 2.13 0.00 | 39.22 2.32 0.00 | 37.58 2.22 0.00 | 38.59 2.23 0.00 | 39.51 2.25 0.00 | 37.60 2.11 0.00 | 34.31 1.84 0.00 | 28.19 1.46 0.00 | 26.84 1.34 0.00 |
| MONTAUK___DIESEL 23721 | 27.74 2.02 0.00 | 26.89 2.13 0.00 | 24.40 1.92 0.00 | 24.80 1.83 0.00 | 24.42 1.77 0.00 | 26.30 1.88 0.00 | 36.92 2.72 0.00 | 33.49 2.28 -6.33 | 64.15 1.92 -44.35 | 37.65 2.87 -12.67 | 37.76 4.07 -7.53 | 38.17 4.41 -4.46 | 33.23 4.13 0.00 | 31.45 4.12 0.00 | 39.75 4.19 -6.40 | 44.48 5.33 0.00 | 41.24 4.34 0.00 | 39.31 3.95 0.00 | 39.93 3.57 0.00 | 39.87 2.60 0.00 | 37.93 2.44 0.00 | 34.73 2.25 0.00 | 28.65 1.92 0.00 | 27.15 1.65 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 24.77 -0.95 0.00 | 24.39 -0.36 0.00 | 22.19 -0.30 0.00 | 22.61 -0.37 0.00 | 22.23 -0.42 0.00 | 24.23 -0.19 0.00 | 34.19 -0.02 0.00 | 24.87 0.00 0.00 | 17.94 0.06 0.00 | 22.56 0.45 0.00 | 26.38 0.22 0.00 | 29.44 0.14 0.00 | 29.29 0.19 0.00 | 27.10 -0.23 0.00 | 27.54 -0.51 1.11 | 35.58 -1.28 2.29 | 27.92 -0.97 8.00 | 26.33 -1.39 7.63 | 33.12 -1.26 1.98 | 36.22 -1.05 0.00 | 34.23 -1.27 0.00 | 31.47 -1.00 0.00 | 26.12 -0.61 0.00 | 25.02 -0.48 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 24.96 -0.76 0.00 | 24.23 -0.52 0.00 | 22.01 -0.48 0.00 | 22.39 -0.59 0.00 | 21.88 -0.77 0.00 | 23.76 -0.66 0.00 | 33.45 -0.75 0.00 | 24.09 -0.79 0.00 | 17.21 -0.67 0.00 | 21.50 -0.61 0.00 | 25.22 -0.94 0.00 | 28.08 -1.22 0.00 | 27.79 -1.31 0.00 | 25.67 -1.67 0.00 | 20.62 -1.77 6.78 | 23.80 -2.58 12.77 | -10.27 -2.51 44.66 | -7.73 -2.20 40.89 | 22.97 -1.92 11.46 | 35.72 -1.55 0.00 | 34.13 -1.36 0.00 | 31.14 -1.34 0.00 | 25.83 -0.90 0.00 | 24.88 -0.61 0.00 |
| MORTIMER_115KV_TB3 55949 | 25.35 -0.37 0.00 | 24.38 -0.37 0.00 | 22.14 -0.35 0.00 | 22.59 -0.38 0.00 | 22.30 -0.35 0.00 | 24.19 -0.23 0.00 | 33.90 -0.31 0.00 | 24.51 -0.36 0.00 | 17.54 -0.34 0.00 | 21.97 -0.14 0.00 | 25.86 -0.30 0.00 | 28.93 -0.37 0.00 | 28.74 -0.37 0.00 | 26.89 -0.45 0.00 | 28.65 -0.52 0.00 | 38.15 -1.00 0.00 | 35.83 -1.07 0.00 | 34.48 -0.88 0.00 | 35.50 -0.86 0.00 | 36.58 -0.69 0.00 | 34.84 -0.66 0.00 | 31.89 -0.59 0.00 | 26.37 -0.37 0.00 | 25.24 -0.26 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 26.79 1.07 0.00 | 25.82 1.06 0.00 | 23.46 0.97 0.00 | 23.85 0.87 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | 32.34 1.12 -6.34 | 63.38 1.04 -44.46 | 36.46 1.65 -12.70 | 35.24 2.16 -6.93 | 34.68 2.51 -2.88 | 31.64 2.54 0.00 | 29.87 2.54 0.00 | 38.37 2.79 -6.41 | 43.00 3.85 0.00 | 40.71 3.80 0.00 | 38.84 3.48 0.00 | 39.35 2.99 0.00 | 40.01 2.74 0.00 | 38.05 2.55 0.00 | 34.77 2.29 0.00 | 28.62 1.89 0.00 | 27.25 1.76 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 27.53 1.82 0.00 | 26.74 1.98 0.00 | 24.20 1.71 0.00 | 24.74 1.76 0.00 | 24.33 1.68 0.00 | 26.41 1.99 0.00 | 37.14 2.93 0.00 | 25.92 2.19 1.14 | 11.35 1.48 8.02 | 21.67 1.85 2.29 | 26.76 1.85 1.25 | 30.86 2.08 0.52 | 31.26 2.16 0.00 | 29.30 1.96 0.00 | 30.24 2.22 1.16 | 42.04 2.89 0.00 | 39.36 2.46 0.00 | 38.47 3.11 0.00 | 39.74 3.38 0.00 | 41.07 3.81 0.00 | 38.88 3.38 0.00 | 35.11 2.64 0.00 | 28.60 1.86 0.00 | 27.45 1.96 0.00 |
| N SALMON___HYD 24042 | 26.36 0.64 0.00 | 25.22 0.46 0.00 | 22.93 0.44 0.00 | 23.53 0.55 0.00 | 23.21 0.56 0.00 | 25.04 0.61 0.00 | 35.24 1.03 0.00 | 25.62 0.75 0.00 | 18.30 0.42 0.00 | 22.37 0.26 0.00 | 26.37 0.21 0.00 | 29.57 0.27 0.00 | 29.20 0.10 0.00 | 27.24 -0.09 0.00 | 28.93 -0.24 0.00 | 38.57 -0.58 0.00 | 36.44 -0.46 0.00 | 34.74 -0.62 0.00 | 36.19 -0.17 0.00 | 37.47 0.21 0.00 | 35.77 0.28 0.00 | 32.83 0.36 0.00 | 26.88 0.15 0.00 | 25.54 0.05 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 25.30 -0.41 0.00 | 24.35 -0.41 0.00 | 22.12 -0.37 0.00 | 22.58 -0.40 0.00 | 22.29 -0.36 0.00 | 24.28 -0.14 0.00 | 34.02 -0.19 0.00 | 24.44 -0.43 0.00 | 17.41 -0.48 0.00 | 21.85 -0.27 0.00 | 25.62 -0.54 0.00 | 28.66 -0.65 0.00 | 28.39 -0.71 0.00 | 26.46 -0.88 0.00 | 27.30 -0.97 0.90 | 35.59 -1.73 1.83 | 28.70 -1.81 6.39 | 28.15 -1.37 5.84 | 33.25 -1.47 1.64 | 36.13 -1.14 0.00 | 34.45 -1.04 0.00 | 31.61 -0.87 0.00 | 26.24 -0.50 0.00 | 25.25 -0.25 0.00 |
| N.E_GEN_SANDY PD 24062 | 26.27 0.55 0.00 | 25.38 0.62 0.00 | 23.10 0.61 0.00 | 23.59 0.62 0.00 | 23.28 0.63 0.00 | 25.00 0.58 0.00 | 34.99 0.78 0.00 | 28.06 0.63 -2.56 | 36.44 0.62 -17.93 | 28.15 0.92 -5.12 | 30.10 1.15 -2.79 | 31.73 1.27 -1.16 | 30.43 1.33 0.00 | 28.67 1.33 0.00 | 33.26 1.51 -2.59 | 42.49 2.30 -1.04 | 38.10 2.14 0.95 | 37.29 1.93 0.00 | 38.13 1.77 0.00 | 37.86 1.63 1.04 | 36.81 1.54 0.22 | 37.89 1.47 -3.94 | 28.80 1.17 -0.90 | 27.72 1.13 -1.10 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 26.56 0.84 0.00 | 25.60 0.85 0.00 | 23.25 0.77 0.00 | 23.66 0.68 0.00 | 23.33 0.69 0.00 | 25.06 0.64 0.00 | 35.11 0.90 0.00 | 16.30 0.81 9.39 | -47.10 0.81 65.79 | 4.66 1.33 18.79 | 17.68 1.77 10.25 | 27.07 2.02 4.26 | 31.18 2.08 0.00 | 29.43 2.10 0.00 | 22.00 2.33 9.49 | 42.43 3.28 0.00 | 40.15 3.25 0.00 | 38.33 2.98 0.00 | 38.88 2.52 0.00 | 39.56 2.29 0.00 | 37.59 2.09 0.00 | 34.32 1.84 0.00 | 28.24 1.51 0.00 | 26.93 1.43 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 26.92 1.20 0.00 | 25.96 1.20 0.00 | 23.58 1.10 0.00 | 23.94 0.96 0.00 | 23.63 0.98 0.00 | 25.37 0.94 0.00 | 35.58 1.38 0.00 | 32.49 1.27 -6.35 | 63.49 1.11 -44.50 | 36.56 1.74 -12.71 | 35.40 2.30 -6.93 | 34.87 2.69 -2.88 | 31.77 2.67 0.00 | 30.05 2.71 0.00 | 38.49 2.90 -6.42 | 43.13 3.98 0.00 | 40.82 3.92 0.00 | 38.92 3.56 0.00 | 39.36 3.00 0.00 | 40.04 2.78 0.00 | 38.13 2.63 0.00 | 34.94 2.46 0.00 | 28.74 2.01 0.00 | 27.39 1.90 0.00 |
| N.TROY___115KV_TB1 355778 | 26.38 0.67 0.00 | 25.44 0.68 0.00 | 23.14 0.65 0.00 | 23.65 0.67 0.00 | 23.33 0.69 0.00 | 25.12 0.70 0.00 | 35.15 0.94 0.00 | 26.81 0.69 -1.25 | 27.24 0.62 -8.74 | 25.44 0.83 -2.49 | 28.46 0.94 -1.36 | 30.87 1.00 -0.57 | 30.15 1.05 0.00 | 28.37 1.03 0.00 | 31.60 1.17 -1.26 | 40.98 1.83 0.00 | 38.56 1.67 0.00 | 36.90 1.55 0.00 | 37.94 1.58 0.00 | 38.77 1.51 0.00 | 36.92 1.43 0.00 | 33.86 1.39 0.00 | 27.82 1.09 0.00 | 26.53 1.04 0.00 |
| NARROWS_GT1_1 24228 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_2 24229 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_3 24230 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_4 24231 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_5 24232 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_7 24234 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT1_8 24235 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_1 24236 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_2 24237 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_3 24238 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_4 24239 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_5 24240 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_6 24241 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_7 24242 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NARROWS_GT2_8 24243 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 26.40 0.68 0.00 | 25.43 0.68 0.00 | 23.14 0.65 0.00 | 23.64 0.67 0.00 | 23.33 0.68 0.00 | 25.13 0.71 0.00 | 35.13 0.92 0.00 | 26.28 0.76 -0.64 | 23.04 0.66 -4.50 | 24.13 0.73 -1.28 | 27.56 0.70 -0.70 | 30.19 0.60 -0.29 | 29.83 0.73 0.00 | 28.12 0.78 0.00 | 30.70 0.88 -0.65 | 40.60 1.45 0.00 | 38.41 1.51 0.00 | 36.84 1.49 0.00 | 38.06 1.70 0.00 | 39.00 1.73 0.00 | 37.16 1.66 0.00 | 33.98 1.50 0.00 | 27.86 1.13 0.00 | 26.50 1.00 0.00 |
| NCHELSEA_115KV_TR2 355582 | 26.71 0.99 0.00 | 25.75 0.99 0.00 | 23.39 0.90 0.00 | 23.82 0.84 0.00 | 23.49 0.84 0.00 | 25.25 0.83 0.00 | 35.38 1.17 0.00 | 26.53 1.03 -0.62 | 23.20 0.95 -4.37 | 24.81 1.46 -1.25 | 28.70 1.86 -0.68 | 31.71 2.13 -0.28 | 31.29 2.19 0.00 | 29.53 2.20 0.00 | 32.24 2.45 -0.63 | 42.61 3.46 0.00 | 40.33 3.43 0.00 | 38.58 3.22 0.00 | 39.22 2.86 0.00 | 39.93 2.67 0.00 | 37.93 2.43 0.00 | 34.62 2.14 0.00 | 28.46 1.73 0.00 | 27.09 1.60 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 26.78 1.06 0.00 | 25.80 1.04 0.00 | 23.45 0.96 0.00 | 23.95 0.97 0.00 | 23.63 0.99 0.00 | 25.48 1.06 0.00 | 35.72 1.51 0.00 | 27.13 1.09 -1.16 | 26.93 0.89 -8.16 | 25.57 1.13 -2.33 | 28.66 1.24 -1.27 | 31.19 1.36 -0.53 | 30.45 1.35 0.00 | 28.65 1.32 0.00 | 31.82 1.48 -1.18 | 41.43 2.28 0.00 | 39.02 2.12 0.00 | 37.40 2.04 0.00 | 38.59 2.23 0.00 | 39.46 2.19 0.00 | 37.57 2.07 0.00 | 34.39 1.91 0.00 | 28.23 1.50 0.00 | 26.89 1.40 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 24.91 -0.81 0.00 | 23.97 -0.79 0.00 | 21.75 -0.74 0.00 | 22.21 -0.77 0.00 | 21.91 -0.74 0.00 | 23.77 -0.65 0.00 | 33.31 -0.90 0.00 | 24.08 -0.79 0.00 | 17.25 -0.63 0.00 | 21.58 -0.53 0.00 | 25.41 -0.75 0.00 | 28.47 -0.83 0.00 | 28.29 -0.81 0.00 | 26.51 -0.83 0.00 | 28.27 -0.89 0.00 | 37.71 -1.44 0.00 | 35.39 -1.51 0.00 | 34.05 -1.30 0.00 | 35.07 -1.28 0.00 | 36.09 -1.18 0.00 | 34.36 -1.14 0.00 | 31.44 -1.04 0.00 | 25.93 -0.80 0.00 | 24.81 -0.68 0.00 |

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| NEG CENTRAL___DRP 24199 | 25.55 -0.17 0.00 | 24.64 -0.12 0.00 | 22.35 -0.14 0.00 | 22.79 -0.18 0.00 | 22.42 -0.22 0.00 | 24.30 -0.12 0.00 | 34.12 -0.08 0.00 | 24.72 -0.15 0.00 | 17.68 -0.20 0.00 | 22.03 -0.08 0.00 | 25.92 -0.24 0.00 | 29.10 -0.20 0.00 | 28.91 -0.19 0.00 | 27.11 -0.23 0.00 | 29.47 -0.15 -0.45 | 39.67 -0.31 -0.82 | 39.23 -0.51 -2.85 | 37.54 -0.45 -2.63 | 36.76 -0.35 -0.74 | 37.11 -0.15 0.00 | 35.35 -0.14 0.00 | 32.28 -0.20 0.00 | 26.66 -0.08 0.00 | 25.48 -0.02 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.02 0.30 0.00 | 25.13 0.37 0.00 | 22.82 0.33 0.00 | 23.22 0.24 0.00 | 22.79 0.14 0.00 | 24.78 0.36 0.00 | 34.91 0.71 0.00 | 25.18 0.30 0.00 | 17.92 0.04 0.00 | 22.36 0.25 0.00 | 26.13 -0.03 0.00 | 29.15 -0.15 0.00 | 28.99 -0.11 0.00 | 26.97 -0.36 0.00 | 33.57 -0.45 -4.86 | 47.25 -0.91 -9.01 | 67.35 -0.99 -31.43 | 63.53 -0.64 -28.81 | 44.31 -0.14 -8.09 | 37.47 0.20 0.00 | 35.88 0.38 0.00 | 32.76 0.29 0.00 | 27.05 0.32 0.00 | 25.93 0.43 0.00 |
| NEG CENTRAL___SENECA 23627 | 25.56 -0.16 0.00 | 24.68 -0.08 0.00 | 22.38 -0.11 0.00 | 22.82 -0.16 0.00 | 22.43 -0.21 0.00 | 24.35 -0.08 0.00 | 34.20 -0.01 0.00 | 24.78 -0.09 0.00 | 17.71 -0.17 0.00 | 22.08 -0.03 0.00 | 25.96 -0.20 0.00 | 29.15 -0.15 0.00 | 28.94 -0.17 0.00 | 27.10 -0.24 0.00 | 29.73 -0.15 -0.72 | 40.10 -0.37 -1.33 | 40.87 -0.60 -4.57 | 39.07 -0.50 -4.21 | 37.20 -0.35 -1.19 | 37.14 -0.12 0.00 | 35.38 -0.11 0.00 | 32.30 -0.17 0.00 | 26.71 -0.02 0.00 | 25.53 0.04 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 25.70 -0.02 0.00 | 24.75 -0.01 0.00 | 22.43 -0.06 0.00 | 22.86 -0.12 0.00 | 22.51 -0.14 0.00 | 24.36 -0.07 0.00 | 34.24 0.03 0.00 | 24.76 -0.11 0.00 | 17.72 -0.17 0.00 | 22.07 -0.05 0.00 | 25.95 -0.21 0.00 | 29.12 -0.18 0.00 | 29.05 -0.05 0.00 | 27.28 -0.06 0.00 | 29.16 -0.01 0.00 | 39.11 -0.04 0.00 | 36.60 -0.30 0.00 | 35.15 -0.21 0.00 | 36.21 -0.15 0.00 | 37.25 -0.01 0.00 | 35.46 -0.04 0.00 | 32.38 -0.10 0.00 | 26.68 -0.05 0.00 | 25.56 0.06 0.00 |
| NEG MILLWOOD___DRP 24198 | 26.79 1.07 0.00 | 25.83 1.07 0.00 | 23.46 0.97 0.00 | 23.88 0.91 0.00 | 23.56 0.91 0.00 | 25.32 0.90 0.00 | 35.51 1.30 0.00 | 28.90 1.14 -2.88 | 39.13 1.04 -20.21 | 29.48 1.60 -5.77 | 31.36 2.05 -3.15 | 32.98 2.37 -1.31 | 31.52 2.42 0.00 | 29.75 2.42 0.00 | 34.77 2.69 -2.92 | 42.92 3.77 0.00 | 40.62 3.73 0.00 | 38.83 3.48 0.00 | 39.44 3.08 0.00 | 40.13 2.86 0.00 | 38.12 2.63 0.00 | 34.80 2.33 0.00 | 28.60 1.87 0.00 | 27.21 1.72 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 26.28 0.55 0.00 | 25.15 0.40 0.00 | 22.95 0.46 0.00 | 23.55 0.57 0.00 | 23.20 0.55 0.00 | 25.02 0.60 0.00 | 35.21 1.00 0.00 | 25.60 0.73 0.00 | 18.32 0.44 0.00 | 22.40 0.29 0.00 | 26.34 0.18 0.00 | 29.50 0.20 0.00 | 29.29 0.19 0.00 | 27.39 0.05 0.00 | 29.06 -0.11 0.00 | 38.77 -0.38 0.00 | 36.56 -0.34 0.00 | 34.77 -0.59 0.00 | 36.14 -0.22 0.00 | 37.33 0.06 0.00 | 35.58 0.08 0.00 | 32.79 0.31 0.00 | 26.74 0.01 0.00 | 25.41 -0.08 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 25.98 0.26 0.00 | 24.87 0.11 0.00 | 22.70 0.21 0.00 | 23.31 0.33 0.00 | 22.94 0.30 0.00 | 24.74 0.32 0.00 | 34.82 0.61 0.00 | 25.32 0.44 0.00 | 18.08 0.20 0.00 | 22.08 -0.04 0.00 | 26.02 -0.14 0.00 | 29.17 -0.14 0.00 | 28.92 -0.18 0.00 | 27.01 -0.32 0.00 | 28.66 -0.51 0.00 | 38.27 -0.88 0.00 | 36.17 -0.73 0.00 | 34.40 -0.96 0.00 | 35.73 -0.63 0.00 | 36.98 -0.29 0.00 | 35.29 -0.21 0.00 | 32.43 -0.05 0.00 | 26.49 -0.24 0.00 | 25.16 -0.33 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 26.33 0.61 0.00 | 25.20 0.44 0.00 | 22.98 0.49 0.00 | 23.58 0.61 0.00 | 23.22 0.58 0.00 | 25.06 0.64 0.00 | 35.27 1.07 0.00 | 25.65 0.77 0.00 | 18.31 0.43 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.53 0.23 0.00 | 29.29 0.18 0.00 | 27.38 0.05 0.00 | 29.03 -0.14 0.00 | 38.75 -0.40 0.00 | 36.58 -0.32 0.00 | 34.78 -0.57 0.00 | 36.21 -0.14 0.00 | 37.46 0.19 0.00 | 35.73 0.23 0.00 | 32.89 0.41 0.00 | 26.82 0.09 0.00 | 25.48 -0.02 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 26.33 0.61 0.00 | 25.20 0.44 0.00 | 22.98 0.49 0.00 | 23.58 0.61 0.00 | 23.22 0.58 0.00 | 25.06 0.64 0.00 | 35.27 1.07 0.00 | 25.65 0.77 0.00 | 18.31 0.43 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.53 0.23 0.00 | 29.29 0.18 0.00 | 27.38 0.05 0.00 | 29.03 -0.14 0.00 | 38.75 -0.40 0.00 | 36.58 -0.32 0.00 | 34.78 -0.57 0.00 | 36.21 -0.14 0.00 | 37.46 0.19 0.00 | 35.73 0.23 0.00 | 32.89 0.41 0.00 | 26.82 0.09 0.00 | 25.48 -0.02 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 26.33 0.61 0.00 | 25.20 0.44 0.00 | 22.98 0.49 0.00 | 23.58 0.61 0.00 | 23.22 0.58 0.00 | 25.06 0.64 0.00 | 35.27 1.07 0.00 | 25.65 0.77 0.00 | 18.31 0.43 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.53 0.23 0.00 | 29.29 0.18 0.00 | 27.38 0.05 0.00 | 29.03 -0.14 0.00 | 38.75 -0.40 0.00 | 36.58 -0.32 0.00 | 34.78 -0.57 0.00 | 36.21 -0.14 0.00 | 37.46 0.19 0.00 | 35.73 0.23 0.00 | 32.89 0.41 0.00 | 26.82 0.09 0.00 | 25.48 -0.02 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 24.83 -0.89 0.00 | 23.92 -0.84 0.00 | 21.74 -0.75 0.00 | 22.19 -0.79 0.00 | 21.90 -0.76 0.00 | 23.84 -0.58 0.00 | 33.35 -0.86 0.00 | 23.87 -1.00 0.00 | 17.04 -0.84 0.00 | 21.46 -0.65 0.00 | 25.18 -0.98 0.00 | 28.08 -1.22 0.00 | 27.86 -1.24 0.00 | 25.94 -1.40 0.00 | 26.45 -1.59 1.13 | 34.23 -2.66 2.26 | 26.38 -2.61 7.91 | 25.91 -2.22 7.23 | 32.00 -2.33 2.03 | 35.18 -2.08 0.00 | 33.53 -1.96 0.00 | 30.83 -1.65 0.00 | 25.66 -1.07 0.00 | 24.76 -0.73 0.00 |
| NEG WEST___LANCASTR 23811 | 24.78 -0.94 0.00 | 23.93 -0.83 0.00 | 21.72 -0.77 0.00 | 22.15 -0.83 0.00 | 21.83 -0.82 0.00 | 23.76 -0.66 0.00 | 33.32 -0.89 0.00 | 24.03 -0.84 0.00 | 17.19 -0.70 0.00 | 21.65 -0.46 0.00 | 25.39 -0.77 0.00 | 28.35 -0.95 0.00 | 28.14 -0.96 0.00 | 26.24 -1.10 0.00 | 26.74 -1.28 1.14 | 34.61 -2.19 2.35 | 26.63 -2.03 8.23 | 25.90 -1.91 7.54 | 32.20 -2.04 2.12 | 35.49 -1.78 0.00 | 33.76 -1.74 0.00 | 30.96 -1.51 0.00 | 25.75 -0.98 0.00 | 24.73 -0.77 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 25.56 -0.15 0.00 | 24.70 -0.06 0.00 | 22.42 -0.07 0.00 | 22.87 -0.10 0.00 | 22.50 -0.15 0.00 | 24.35 -0.07 0.00 | 34.14 -0.07 0.00 | 24.81 -0.07 0.00 | 17.81 -0.07 0.00 | 22.18 0.07 0.00 | 26.18 0.02 0.00 | 29.39 0.09 0.00 | 29.22 0.12 0.00 | 27.43 0.09 0.00 | 29.28 0.11 0.00 | 39.75 0.22 -0.38 | 38.42 0.18 -1.34 | 36.76 0.18 -1.22 | 36.88 0.19 -0.34 | 37.56 0.30 0.00 | 35.73 0.23 0.00 | 32.60 0.12 0.00 | 26.87 0.14 0.00 | 25.66 0.16 0.00 |
| NEG___GEN_MONROE 24207 | 25.50 -0.22 0.00 | 24.53 -0.22 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.37 -0.05 0.00 | 34.16 -0.05 0.00 | 24.68 -0.20 0.00 | 17.62 -0.26 0.00 | 22.06 -0.05 0.00 | 25.92 -0.24 0.00 | 29.01 -0.29 0.00 | 28.80 -0.31 0.00 | 26.94 -0.40 0.00 | 28.72 -0.45 0.00 | 37.83 -0.91 0.41 | 34.46 -1.00 1.44 | 33.29 -0.76 1.31 | 35.29 -0.70 0.37 | 36.78 -0.48 0.00 | 35.06 -0.44 0.00 | 32.10 -0.38 0.00 | 26.54 -0.19 0.00 | 25.41 -0.09 0.00 |
| NEPA___ENERGY 23901 | 24.76 -0.96 0.00 | 24.07 -0.69 0.00 | 21.82 -0.67 0.00 | 22.24 -0.74 0.00 | 21.84 -0.81 0.00 | 23.81 -0.61 0.00 | 33.42 -0.78 0.00 | 24.17 -0.71 0.00 | 17.28 -0.60 0.00 | 21.76 -0.35 0.00 | 25.51 -0.65 0.00 | 28.57 -0.74 0.00 | 28.40 -0.70 0.00 | 26.44 -0.89 1.30 | 26.80 -1.06 2.67 | 34.56 -1.93 9.33 | 25.83 -1.74 8.50 | 25.19 -1.67 8.50 | 32.12 -1.86 2.39 | 35.83 -1.44 0.00 | 34.02 -1.48 0.00 | 31.11 -1.37 0.00 | 25.92 -0.81 0.00 | 24.89 -0.61 0.00 |

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| NEVERSINK___HYD 23608 | 26.09 0.37 0.00 | 25.12 0.37 0.00 | 22.81 0.32 0.00 | 23.21 0.24 0.00 | 22.89 0.24 0.00 | 24.62 0.20 0.00 | 34.51 0.31 0.00 | 23.11 0.38 2.14 | 3.48 0.60 15.00 | 18.78 0.96 4.28 | 24.99 1.17 2.34 | 29.59 1.26 0.97 | 30.42 1.32 0.00 | 28.74 1.40 0.00 | 28.62 1.62 2.16 | 41.23 2.08 0.00 | 38.23 1.33 0.00 | 36.60 1.24 0.00 | 37.36 1.00 0.00 | 38.10 0.83 0.00 | 36.19 0.69 0.00 | 33.11 0.63 0.00 | 27.89 1.16 0.00 | 26.53 1.04 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 25.92 0.20 0.00 | 24.99 0.23 0.00 | 22.75 0.26 0.00 | 23.25 0.27 0.00 | 22.93 0.28 0.00 | 24.63 0.21 0.00 | 34.37 0.16 0.00 | 26.30 0.24 -1.18 | 26.48 0.30 -8.30 | 24.94 0.45 -2.37 | 27.95 0.50 -1.29 | 30.34 0.50 -0.54 | 29.70 0.60 0.00 | 27.99 0.66 0.00 | 31.14 0.77 -1.20 | 40.34 1.19 0.00 | 38.04 1.14 0.00 | 36.37 1.01 0.00 | 37.29 0.93 0.00 | 38.07 0.81 0.00 | 36.24 0.74 0.00 | 33.20 0.72 0.00 | 27.30 0.56 0.00 | 26.00 0.51 0.00 |
| NEWTON___FALLS_HYD 23847 | 26.52 0.80 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.28 0.00 | 23.08 0.43 0.00 | 24.96 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.39 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| NGRID_A1_DSASP 323792 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.09 0.00 | 21.61 -1.05 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.35 0.00 | 16.83 -1.06 0.00 | 21.21 -0.90 0.00 | 24.89 -1.27 0.00 | 27.75 -1.55 0.00 | 27.57 -1.53 0.00 | 25.67 -1.67 0.00 | 26.12 -1.92 1.13 | 33.74 -3.14 2.28 | 25.87 -3.07 7.96 | 25.37 -2.71 7.28 | 31.55 -2.77 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.25 -2.23 0.00 | 25.18 -1.55 0.00 | 24.29 -1.21 0.00 |
| NGRID_A2_DSASP 323793 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.09 0.00 | 21.61 -1.05 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.35 0.00 | 16.83 -1.06 0.00 | 21.21 -0.90 0.00 | 24.89 -1.27 0.00 | 27.75 -1.55 0.00 | 27.57 -1.53 0.00 | 25.67 -1.67 0.00 | 26.12 -1.92 1.13 | 33.74 -3.14 2.28 | 25.87 -3.07 7.96 | 25.37 -2.71 7.28 | 31.55 -2.77 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.25 -2.23 0.00 | 25.18 -1.55 0.00 | 24.29 -1.21 0.00 |
| NGRID_A4_DSASP 323807 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.09 0.00 | 21.61 -1.05 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.35 0.00 | 16.83 -1.06 0.00 | 21.21 -0.90 0.00 | 24.89 -1.27 0.00 | 27.75 -1.55 0.00 | 27.57 -1.53 0.00 | 25.67 -1.67 0.00 | 26.12 -1.92 1.13 | 33.74 -3.14 2.28 | 25.87 -3.07 7.96 | 25.37 -2.71 7.28 | 31.55 -2.77 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.25 -2.23 0.00 | 25.18 -1.55 0.00 | 24.29 -1.21 0.00 |
| NIAGARA_115E_LBMP 323715 | 24.54 -1.18 0.00 | 23.63 -1.13 0.00 | 21.48 -1.01 0.00 | 21.93 -1.05 0.00 | 21.64 -1.00 0.00 | 23.57 -0.85 0.00 | 32.95 -1.26 0.00 | 23.58 -1.30 0.00 | 16.85 -1.04 0.00 | 21.25 -0.86 0.00 | 24.92 -1.24 0.00 | 27.70 -1.60 0.00 | 27.46 -1.65 0.00 | 25.54 -1.79 0.00 | 26.06 -1.99 1.12 | 33.66 -3.22 2.27 | 25.91 -3.06 7.93 | 25.51 -2.61 7.25 | 31.46 -2.86 2.03 | 34.58 -2.68 0.00 | 32.97 -2.52 0.00 | 30.35 -2.13 0.00 | 25.28 -1.46 0.00 | 24.45 -1.04 0.00 |
| NIAGARA_115W_LBMP 323714 | 24.43 -1.29 0.00 | 23.52 -1.24 0.00 | 21.39 -1.10 0.00 | 21.84 -1.13 0.00 | 21.57 -1.08 0.00 | 23.47 -0.95 0.00 | 32.79 -1.42 0.00 | 23.49 -1.39 0.00 | 16.79 -1.09 0.00 | 21.17 -0.94 0.00 | 24.83 -1.33 0.00 | 27.69 -1.61 0.00 | 27.52 -1.58 0.00 | 25.62 -1.72 0.00 | 26.07 -1.98 1.12 | 33.68 -3.21 2.26 | 25.84 -3.14 7.92 | 25.35 -2.77 7.24 | 31.49 -2.84 2.03 | 34.50 -2.77 0.00 | 32.78 -2.71 0.00 | 30.18 -2.30 0.00 | 25.13 -1.60 0.00 | 24.24 -1.26 0.00 |
| NIAGARA_230_LBMP 323716 | 24.61 -1.11 0.00 | 23.70 -1.05 0.00 | 21.55 -0.94 0.00 | 22.01 -0.97 0.00 | 21.72 -0.93 0.00 | 23.63 -0.79 0.00 | 33.01 -1.19 0.00 | 23.67 -1.20 0.00 | 16.92 -0.96 0.00 | 21.33 -0.78 0.00 | 25.03 -1.13 0.00 | 27.91 -1.39 0.00 | 27.72 -1.38 0.00 | 25.82 -1.52 0.00 | 26.35 -1.76 1.06 | 34.11 -2.89 2.16 | 26.53 -2.82 7.55 | 25.96 -2.50 6.90 | 31.85 -2.57 1.93 | 34.90 -2.37 0.00 | 33.22 -2.28 0.00 | 30.57 -1.91 0.00 | 25.44 -1.29 0.00 | 24.53 -0.96 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 24.43 -1.29 0.00 | 23.52 -1.24 0.00 | 21.39 -1.10 0.00 | 21.84 -1.13 0.00 | 21.56 -1.08 0.00 | 23.47 -0.95 0.00 | 32.80 -1.41 0.00 | 23.49 -1.39 0.00 | 16.78 -1.10 0.00 | 21.15 -0.96 0.00 | 24.82 -1.34 0.00 | 27.69 -1.61 0.00 | 27.51 -1.59 0.00 | 25.63 -1.71 0.00 | 26.06 -1.99 1.12 | 33.68 -3.21 2.26 | 25.80 -3.18 7.92 | 25.31 -2.82 7.24 | 31.48 -2.85 2.03 | 34.50 -2.77 0.00 | 32.79 -2.71 0.00 | 30.17 -2.31 0.00 | 25.13 -1.60 0.00 | 24.23 -1.27 0.00 |
| NIAGARA___23760 | 24.61 -1.11 0.00 | 23.70 -1.05 0.00 | 21.55 -0.94 0.00 | 22.01 -0.97 0.00 | 21.72 -0.93 0.00 | 23.63 -0.79 0.00 | 33.01 -1.19 0.00 | 23.67 -1.20 0.00 | 16.92 -0.96 0.00 | 21.33 -0.78 0.00 | 25.03 -1.13 0.00 | 27.91 -1.39 0.00 | 27.72 -1.38 0.00 | 25.82 -1.52 0.00 | 26.33 -1.76 1.08 | 34.07 -2.89 2.19 | 26.39 -2.82 7.68 | 25.85 -2.50 7.01 | 31.82 -2.57 1.97 | 34.90 -2.37 0.00 | 33.22 -2.28 0.00 | 30.57 -1.91 0.00 | 25.44 -1.29 0.00 | 24.53 -0.96 0.00 |
| NINE_MILE_1 23575 | 24.88 -0.84 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.78 0.00 | 33.06 -1.14 0.00 | 24.01 -0.87 0.00 | 17.25 -0.64 0.00 | 21.41 -0.70 0.00 | 25.29 -0.87 0.00 | 28.33 -0.97 0.00 | 28.15 -0.96 0.00 | 26.44 -0.90 0.00 | 28.22 -0.95 0.00 | 37.84 -1.31 0.00 | 35.59 -1.31 0.00 | 34.15 -1.21 0.00 | 35.13 -1.23 0.00 | 36.04 -1.23 0.00 | 34.32 -1.17 0.00 | 31.38 -1.10 0.00 | 25.86 -0.87 0.00 | 24.70 -0.79 0.00 |
| NINE_MILE_2 23744 | 24.88 -0.84 0.00 | 23.96 -0.80 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.78 0.00 | 33.06 -1.14 0.00 | 24.01 -0.87 0.00 | 17.25 -0.63 0.00 | 21.41 -0.70 0.00 | 25.29 -0.87 0.00 | 28.33 -0.97 0.00 | 28.15 -0.96 0.00 | 26.44 -0.90 0.00 | 28.22 -0.95 0.00 | 37.84 -1.31 0.00 | 35.59 -1.31 0.00 | 34.15 -1.21 0.00 | 35.13 -1.23 0.00 | 36.04 -1.23 0.00 | 34.32 -1.17 0.00 | 31.38 -1.10 0.00 | 25.87 -0.87 0.00 | 24.70 -0.79 0.00 |
| NM_CAPITAL___DRP 24208 | 25.95 0.23 0.00 | 25.03 0.27 0.00 | 22.79 0.30 0.00 | 23.29 0.32 0.00 | 22.99 0.34 0.00 | 24.69 0.28 0.00 | 34.47 0.26 0.00 | 26.38 0.28 -1.22 | 26.79 0.34 -8.58 | 25.06 0.50 -2.45 | 28.07 0.57 -1.34 | 30.44 0.58 -0.55 | 29.78 0.68 0.00 | 28.06 0.72 0.00 | 31.24 0.84 -1.24 | 40.44 1.29 0.00 | 38.12 1.22 0.00 | 36.44 1.08 0.00 | 37.35 1.00 0.00 | 38.14 0.87 0.00 | 36.31 0.82 0.00 | 33.27 0.79 0.00 | 27.36 0.62 0.00 | 26.07 0.58 0.00 |
| NM_CENTRAL___DRP 24181 | 25.35 -0.37 0.00 | 24.42 -0.33 0.00 | 22.17 -0.32 0.00 | 22.63 -0.35 0.00 | 22.30 -0.35 0.00 | 24.10 -0.32 0.00 | 33.73 -0.48 0.00 | 24.49 -0.39 0.00 | 17.59 -0.29 0.00 | 21.88 -0.24 0.00 | 25.84 -0.33 0.00 | 28.97 -0.34 0.00 | 28.78 -0.32 0.00 | 27.04 -0.29 0.00 | 28.87 -0.30 0.00 | 38.69 -0.47 0.00 | 36.37 -0.53 0.00 | 34.92 -0.44 0.00 | 35.90 -0.46 0.00 | 36.85 -0.42 0.00 | 35.08 -0.41 0.00 | 32.04 -0.44 0.00 | 26.43 -0.30 0.00 | 25.22 -0.27 0.00 |

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| NM_FRONTIER___DRP 24179 | 24.43 -1.29 0.00 | 23.52 -1.24 0.00 | 21.39 -1.10 0.00 | 21.84 -1.13 0.00 | 21.56 -1.08 0.00 | 23.47 -0.95 0.00 | 32.80 -1.41 0.00 | 23.49 -1.39 0.00 | 16.78 -1.10 0.00 | 21.15 -0.96 0.00 | 24.82 -1.34 0.00 | 27.69 -1.61 0.00 | 27.51 -1.59 0.00 | 25.63 -1.71 0.00 | 26.06 -1.99 0.00 | 33.68 -3.21 0.00 | 25.80 -3.18 0.00 | 25.31 -2.82 0.00 | 31.48 -2.85 0.00 | 34.50 -2.77 0.00 | 32.79 -2.71 0.00 | 30.17 -2.31 0.00 | 25.13 -1.60 0.00 | 24.23 -1.27 0.00 |
| NM_ST_REGIS___HYD 24053 | 26.50 0.79 0.00 | 25.39 0.63 0.00 | 22.91 0.42 0.00 | 23.48 0.50 0.00 | 23.26 0.61 0.00 | 25.08 0.66 0.00 | 35.24 1.03 0.00 | 25.56 0.68 0.00 | 18.19 0.31 0.00 | 22.27 0.16 0.00 | 26.32 0.16 0.00 | 29.40 0.10 0.00 | 28.92 -0.18 0.00 | 26.92 -0.42 0.00 | 28.58 -0.58 0.00 | 38.11 -1.04 0.00 | 35.96 -0.94 0.00 | 34.39 -0.96 0.00 | 35.91 -0.44 0.00 | 37.22 -2.77 0.00 | 35.60 0.10 0.00 | 32.65 0.18 0.00 | 26.93 0.20 0.00 | 25.68 0.18 0.00 |
| NORTHPORT___1 23551 | 26.63 0.91 0.00 | 25.74 0.99 0.00 | 23.35 0.86 0.00 | 23.75 0.77 0.00 | 23.37 0.71 0.00 | 25.13 0.71 0.00 | 35.24 1.04 0.00 | 32.18 0.98 -6.33 | 63.15 0.91 -44.35 | 36.28 1.51 -12.67 | 36.01 2.32 -7.53 | 36.33 2.57 -4.46 | 31.39 2.29 0.00 | 29.70 2.36 0.00 | 37.99 2.43 -6.40 | 42.42 3.27 0.00 | 40.09 3.19 0.00 | 38.43 3.07 0.00 | 39.04 2.68 0.00 | 39.40 2.14 0.00 | 37.81 2.31 0.00 | 34.46 1.99 0.00 | 28.49 1.76 0.00 | 27.23 1.74 0.00 |
| NORTHPORT___2 23552 | 26.63 0.91 0.00 | 25.74 0.99 0.00 | 23.35 0.86 0.00 | 23.75 0.77 0.00 | 23.37 0.71 0.00 | 25.13 0.71 0.00 | 35.24 1.04 0.00 | 32.18 0.98 -6.33 | 63.15 0.91 -44.35 | 36.28 1.51 -12.67 | 36.01 2.32 -7.53 | 36.33 2.57 -4.46 | 31.39 2.29 0.00 | 29.70 2.36 0.00 | 37.99 2.43 -6.40 | 42.42 3.27 0.00 | 40.09 3.19 0.00 | 38.43 3.07 0.00 | 39.04 2.68 0.00 | 39.40 2.14 0.00 | 37.81 2.31 0.00 | 34.46 1.99 0.00 | 28.49 1.76 0.00 | 27.23 1.74 0.00 |
| NORTHPORT___3 23553 | 26.76 1.04 0.00 | 25.86 1.10 0.00 | 23.44 0.95 0.00 | 23.85 0.87 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.40 1.19 0.00 | 32.30 1.10 -6.33 | 63.24 1.00 -44.35 | 36.40 1.62 -12.67 | 36.13 2.44 -7.53 | 36.48 2.72 -4.46 | 31.55 2.45 0.00 | 29.85 2.52 0.00 | 38.23 2.66 -6.40 | 42.67 3.52 0.00 | 40.34 3.44 0.00 | 38.63 3.28 0.00 | 39.23 2.87 0.00 | 39.61 2.34 0.00 | 37.94 2.45 0.00 | 34.65 2.17 0.00 | 28.61 1.88 0.00 | 27.32 1.83 0.00 |
| NORTHPORT___4 23650 | 26.76 1.04 0.00 | 25.86 1.10 0.00 | 23.44 0.95 0.00 | 23.85 0.87 0.00 | 23.47 0.82 0.00 | 25.24 0.82 0.00 | 35.40 1.19 0.00 | 32.30 1.10 -6.33 | 63.24 1.00 -44.35 | 36.40 1.62 -12.67 | 36.13 2.44 -7.53 | 36.48 2.72 -4.46 | 31.55 2.45 0.00 | 29.85 2.52 0.00 | 38.23 2.66 -6.40 | 42.67 3.52 0.00 | 40.34 3.44 0.00 | 38.63 3.28 0.00 | 39.23 2.87 0.00 | 39.61 2.34 0.00 | 37.94 2.45 0.00 | 34.65 2.17 0.00 | 28.61 1.88 0.00 | 27.32 1.83 0.00 |
| NORTHPORT___IC 23718 | 26.63 0.91 0.00 | 25.74 0.99 0.00 | 23.35 0.86 0.00 | 23.75 0.77 0.00 | 23.37 0.71 0.00 | 25.13 0.71 0.00 | 35.24 1.03 0.00 | 32.18 0.98 -6.33 | 63.15 0.91 -44.35 | 36.29 1.51 -12.67 | 36.01 2.32 -7.53 | 36.33 2.57 -4.46 | 31.39 2.29 0.00 | 29.70 2.36 0.00 | 37.99 2.43 -6.40 | 42.42 3.27 0.00 | 40.10 3.20 0.00 | 38.43 3.07 0.00 | 39.05 2.69 0.00 | 39.40 2.14 0.00 | 37.80 2.31 0.00 | 34.47 1.99 0.00 | 28.49 1.76 0.00 | 27.23 1.74 0.00 |
| NORTH___COUNTRY_ESR 323785 | 25.91 0.19 0.00 | 24.81 0.05 0.00 | 22.63 0.15 0.00 | 23.25 0.27 0.00 | 22.89 0.24 0.00 | 24.68 0.26 0.00 | 34.73 0.52 0.00 | 25.25 0.38 0.00 | 18.07 0.18 0.00 | 22.07 -0.05 0.00 | 26.01 -0.15 0.00 | 29.16 -0.14 0.00 | 28.91 -0.19 0.00 | 27.01 -0.32 0.00 | 28.65 -0.51 0.00 | 38.27 -0.88 0.00 | 36.17 -0.73 0.00 | 34.39 -0.97 0.00 | 35.72 -0.64 0.00 | 36.88 -0.39 0.00 | 35.16 -0.33 0.00 | 32.30 -0.17 0.00 | 26.40 -0.33 0.00 | 25.09 -0.41 0.00 |
| NPX_GEN_1385_PROXY 323591 | 26.58 0.86 0.00 | 25.75 0.99 0.00 | 23.35 0.86 0.00 | 23.75 0.78 0.00 | 23.38 0.73 0.00 | 25.13 0.71 0.00 | 35.37 1.03 -0.13 | 32.23 1.03 -6.33 | 63.18 0.95 -44.35 | 36.23 1.45 -12.67 | 35.61 1.92 -7.53 | 12.62 2.10 18.78 | 30.96 1.86 0.00 | 29.46 2.12 0.00 | 37.50 1.93 -6.40 | 42.15 3.00 0.00 | 39.92 3.02 0.00 | 38.47 3.11 0.00 | 39.39 3.03 0.00 | 39.61 2.34 0.00 | 38.22 2.72 0.00 | 34.61 2.14 0.00 | 28.53 1.80 0.00 | 27.29 1.79 0.00 |
| NPX_GEN_CSC 323557 | 26.65 0.93 0.00 | 25.73 0.97 0.00 | 23.35 0.86 0.00 | 23.73 0.75 0.00 | 23.36 0.71 0.00 | 25.11 0.69 0.00 | 35.34 1.01 -0.13 | 32.20 1.00 -6.33 | 63.20 0.97 -44.35 | 36.36 1.59 -12.67 | 36.16 2.47 -7.53 | 36.57 2.81 -4.46 | 31.67 2.57 0.00 | 30.03 2.70 0.00 | 38.43 2.86 -6.40 | 42.90 3.76 0.00 | 40.44 3.54 0.00 | 38.74 3.39 0.00 | 39.40 3.05 0.00 | 39.69 2.43 0.00 | 37.96 2.46 0.00 | 34.59 2.11 0.00 | 28.51 1.78 0.00 | 27.12 1.63 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 26.98 1.26 0.00 | 25.96 1.20 0.00 | 23.56 1.08 0.00 | 24.10 1.12 0.00 | 23.77 1.13 0.00 | 25.68 1.25 0.00 | 36.03 1.82 0.00 | 27.24 1.25 -1.11 | 26.69 1.02 -7.79 | 25.58 1.25 -2.22 | 28.61 1.24 -1.21 | 31.17 1.36 -0.50 | 30.39 1.29 0.00 | 28.51 1.17 0.00 | 31.60 1.31 -1.12 | 41.31 2.16 0.00 | 38.82 1.92 0.00 | 37.29 1.93 0.00 | 38.73 2.37 0.00 | 39.64 2.38 0.00 | 37.78 2.29 0.00 | 34.62 2.15 0.00 | 28.44 1.70 0.00 | 27.06 1.57 0.00 |
| NUCOR_STEEL___DRP 24197 | 25.68 -0.04 0.00 | 24.73 -0.03 0.00 | 22.41 -0.08 0.00 | 22.83 -0.15 0.00 | 22.49 -0.16 0.00 | 24.32 -0.10 0.00 | 34.20 0.00 0.00 | 24.73 -0.14 0.00 | 17.70 -0.19 0.00 | 22.05 -0.06 0.00 | 25.93 -0.23 0.00 | 29.09 -0.21 0.00 | 29.04 -0.06 0.00 | 27.28 -0.06 0.00 | 29.15 -0.01 0.00 | 39.10 -0.05 0.00 | 36.59 -0.31 0.00 | 35.14 -0.22 0.00 | 36.17 -0.18 0.00 | 37.21 -0.06 0.00 | 35.42 -0.08 0.00 | 32.33 -0.15 0.00 | 26.65 -0.08 0.00 | 25.53 0.04 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 26.48 0.76 0.00 | 25.46 0.71 0.00 | 22.59 0.10 0.00 | 23.07 0.09 0.00 | 22.89 0.24 0.00 | 24.83 0.40 0.00 | 34.76 0.55 0.00 | 24.99 0.12 0.00 | 17.94 0.05 0.00 | 22.41 0.30 0.00 | 26.56 0.40 0.00 | 29.65 0.35 0.00 | 28.90 -0.20 0.00 | 26.63 -0.70 0.00 | 28.15 -1.02 0.00 | 37.38 -1.77 0.00 | 35.34 -1.56 0.00 | 33.72 -1.64 0.00 | 35.34 -1.02 0.00 | 37.11 -0.16 0.00 | 35.61 0.12 0.00 | 31.94 -0.53 0.00 | 26.60 -0.13 0.00 | 25.20 -0.29 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 25.72 0.00 0.00 | 24.76 0.00 0.00 | 22.49 0.00 0.00 | 22.98 0.00 0.00 | 22.65 0.00 0.00 | 24.42 0.00 0.00 | 34.21 0.00 0.00 | 24.87 0.00 0.00 | 17.88 0.00 0.00 | 22.11 0.00 0.00 | 26.16 0.00 0.00 | 29.30 0.00 0.00 | 29.10 0.00 0.00 | 27.34 0.00 0.00 | 29.17 0.00 0.00 | 39.15 0.00 0.00 | 36.90 0.00 0.00 | 35.36 0.00 0.00 | 36.36 0.00 0.00 | 37.27 0.00 0.00 | 35.50 0.00 0.00 | 32.48 0.00 0.00 | 26.73 0.00 0.00 | 25.49 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 27.01 1.29 0.00 | 26.07 1.31 0.00 | 23.64 1.15 0.00 | 24.05 1.07 0.00 | 23.66 1.01 0.00 | 25.45 1.03 0.00 | 35.72 1.51 0.00 | 32.56 1.36 -6.33 | 63.44 1.20 -44.35 | 36.66 1.88 -12.67 | 36.48 2.79 -7.53 | 36.89 3.12 -4.46 | 31.99 2.89 0.00 | 30.30 2.96 0.00 | 38.69 3.12 -6.40 | 43.34 4.19 0.00 | 40.99 4.09 0.00 | 39.29 3.93 0.00 | 39.92 3.56 0.00 | 40.29 3.02 0.00 | 38.56 3.06 0.00 | 35.13 2.65 0.00 | 28.96 2.23 0.00 | 27.61 2.11 0.00 |

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| NYPA_GOWANUS____GT5 24156 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NYPA_GOWANUS____GT6 24157 | 26.90 1.18 0.00 | 25.93 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.94 0.00 | 25.34 0.91 0.00 | 35.57 1.36 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.07 2.73 0.00 | 38.54 2.95 -6.42 | 43.17 4.03 0.00 | 40.95 4.05 0.00 | 39.11 3.75 0.00 | 39.52 3.16 0.00 | 40.27 3.00 0.00 | 38.33 2.83 0.00 | 35.04 2.56 0.00 | 28.82 2.09 0.00 | 27.43 1.94 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.53 1.04 0.00 | 23.88 0.91 0.00 | 23.57 0.93 0.00 | 25.31 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.21 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.72 3.81 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.96 2.69 0.00 | 38.05 2.55 0.00 | 34.87 2.39 0.00 | 28.68 1.95 0.00 | 27.33 1.84 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.53 1.04 0.00 | 23.88 0.91 0.00 | 23.57 0.93 0.00 | 25.31 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.21 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.72 3.81 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.96 2.69 0.00 | 38.05 2.55 0.00 | 34.87 2.39 0.00 | 28.68 1.95 0.00 | 27.33 1.84 0.00 |
| NYPA_KENT____GT 24152 | 26.88 1.16 0.00 | 25.91 1.16 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.34 0.92 0.00 | 35.56 1.35 0.00 | 32.45 1.23 -6.35 | 63.49 1.11 -44.50 | 36.57 1.75 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.81 2.71 0.00 | 30.06 2.72 0.00 | 38.52 2.94 -6.42 | 43.17 4.02 0.00 | 40.92 4.02 0.00 | 39.06 3.71 0.00 | 39.49 3.13 0.00 | 40.22 2.96 0.00 | 38.27 2.77 0.00 | 35.00 2.52 0.00 | 28.78 2.05 0.00 | 27.40 1.90 0.00 |
| NYPA_POUCH1____GT 24155 | 26.87 1.15 0.00 | 25.90 1.14 0.00 | 23.49 1.00 0.00 | 23.87 0.89 0.00 | 23.55 0.90 0.00 | 25.30 0.87 0.00 | 35.53 1.32 0.00 | 32.40 1.17 -6.35 | 63.44 1.06 -44.50 | 36.52 1.70 -12.71 | 35.31 2.21 -6.93 | 34.81 2.62 -2.88 | 31.75 2.65 0.00 | 30.00 2.66 0.00 | 38.45 2.87 -6.42 | 43.02 3.87 0.00 | 40.84 3.94 0.00 | 39.03 3.67 0.00 | 39.42 3.07 0.00 | 40.21 2.94 0.00 | 38.30 2.80 0.00 | 35.02 2.54 0.00 | 28.80 2.07 0.00 | 27.42 1.92 0.00 |
| NYPA_VERNON____GT2 24162 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.40 2.30 -6.93 | 34.86 2.67 -2.88 | 31.80 2.70 0.00 | 30.05 2.71 0.00 | 38.51 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| NYPA_VERNON____GT3 24163 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.40 2.30 -6.93 | 34.86 2.67 -2.88 | 31.80 2.70 0.00 | 30.05 2.71 0.00 | 38.51 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| NYPA____ASTORIA_CC1 323568 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.30 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.73 -12.71 | 35.37 2.27 -6.93 | 34.83 2.65 -2.88 | 31.77 2.66 0.00 | 30.01 2.68 0.00 | 38.48 2.89 -6.42 | 43.11 3.96 0.00 | 40.84 3.94 0.00 | 38.97 3.61 0.00 | 39.41 3.05 0.00 | 40.12 2.85 0.00 | 38.18 2.69 0.00 | 34.91 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| NYPA____ASTORIA_CC2 323569 | 26.83 1.11 0.00 | 25.88 1.12 0.00 | 23.52 1.03 0.00 | 23.89 0.92 0.00 | 23.58 0.94 0.00 | 25.32 0.89 0.00 | 35.51 1.30 0.00 | 32.43 1.20 -6.35 | 63.47 1.09 -44.50 | 36.55 1.73 -12.71 | 35.37 2.27 -6.93 | 34.83 2.65 -2.88 | 31.77 2.66 0.00 | 30.01 2.68 0.00 | 38.48 2.89 -6.42 | 43.11 3.96 0.00 | 40.84 3.94 0.00 | 38.97 3.61 0.00 | 39.41 3.05 0.00 | 40.12 2.85 0.00 | 38.18 2.69 0.00 | 34.91 2.44 0.00 | 28.71 1.98 0.00 | 27.34 1.85 0.00 |
| NYPA____HOLTSVILL 23794 | 26.81 1.09 0.00 | 25.89 1.14 0.00 | 23.49 1.00 0.00 | 23.88 0.91 0.00 | 23.51 0.86 0.00 | 25.27 0.85 0.00 | 35.45 1.24 0.00 | 32.35 1.15 -6.33 | 63.29 1.06 -44.35 | 36.46 1.68 -12.67 | 36.23 2.53 -7.53 | 36.64 2.87 -4.46 | 31.74 2.64 0.00 | 30.09 2.75 0.00 | 38.46 2.89 -6.40 | 42.99 3.84 0.00 | 40.59 3.69 0.00 | 38.87 3.51 0.00 | 39.52 3.16 0.00 | 39.85 2.58 0.00 | 38.15 2.66 0.00 | 34.78 2.31 0.00 | 28.71 1.98 0.00 | 27.36 1.86 0.00 |
| NYPA____HELLGATE_GT1 24158 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.53 1.04 0.00 | 23.88 0.91 0.00 | 23.57 0.93 0.00 | 25.31 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.21 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.72 3.81 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.96 2.69 0.00 | 38.05 2.55 0.00 | 34.87 2.39 0.00 | 28.68 1.95 0.00 | 27.33 1.84 0.00 |
| NYPA____HELLGATE_GT2 24159 | 26.86 1.14 0.00 | 25.89 1.14 0.00 | 23.53 1.04 0.00 | 23.88 0.91 0.00 | 23.57 0.93 0.00 | 25.31 0.89 0.00 | 35.51 1.31 0.00 | 32.43 1.21 -6.35 | 63.45 1.07 -44.50 | 36.50 1.68 -12.71 | 35.32 2.22 -6.93 | 34.78 2.60 -2.88 | 31.69 2.58 0.00 | 29.97 2.63 0.00 | 38.39 2.81 -6.42 | 43.01 3.86 0.00 | 40.72 3.81 0.00 | 38.80 3.44 0.00 | 39.24 2.88 0.00 | 39.96 2.69 0.00 | 38.05 2.55 0.00 | 34.87 2.39 0.00 | 28.68 1.95 0.00 | 27.33 1.84 0.00 |
| NYS_BARGE____HYD 23848 | 24.85 -0.87 0.00 | 23.93 -0.83 0.00 | 21.75 -0.74 0.00 | 22.20 -0.78 0.00 | 21.91 -0.74 0.00 | 23.86 -0.56 0.00 | 33.37 -0.83 0.00 | 23.91 -0.97 0.00 | 17.07 -0.81 0.00 | 21.50 -0.61 0.00 | 25.23 -0.93 0.00 | 28.11 -1.19 0.00 | 27.87 -1.23 0.00 | 25.95 -1.39 0.00 | 26.55 -1.57 1.05 | 34.42 -2.62 2.11 | 26.98 -2.53 7.38 | 26.50 -2.12 6.75 | 32.18 -2.28 1.89 | 35.20 -2.06 0.00 | 33.56 -1.93 0.00 | 30.86 -1.61 0.00 | 25.68 -1.06 0.00 | 24.78 -0.71 0.00 |
| OAK ORCHARD____HYD 24046 | 25.35 -0.37 0.00 | 24.38 -0.37 0.00 | 22.14 -0.35 0.00 | 22.59 -0.38 0.00 | 22.30 -0.35 0.00 | 24.19 -0.23 0.00 | 33.90 -0.31 0.00 | 24.50 -0.37 0.00 | 17.54 -0.34 0.00 | 21.98 -0.14 0.00 | 25.87 -0.29 0.00 | 28.93 -0.37 0.00 | 28.74 -0.36 0.00 | 26.89 -0.44 0.00 | 28.65 -0.52 0.00 | 38.16 -0.99 0.00 | 35.85 -1.05 0.00 | 34.50 -0.86 0.00 | 35.51 -0.85 0.00 | 36.58 -0.68 0.00 | 34.84 -0.66 0.00 | 31.90 -0.58 0.00 | 26.36 -0.37 0.00 | 25.24 -0.25 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 25.45 -0.27 0.00 | 24.59 -0.17 0.00 | 22.32 -0.17 0.00 | 22.77 -0.21 0.00 | 22.40 -0.25 0.00 | 24.23 -0.19 0.00 | 33.97 -0.24 0.00 | 24.69 -0.18 0.00 | 17.72 -0.16 0.00 | 22.08 -0.03 0.00 | 26.06 -0.10 0.00 | 29.25 -0.05 0.00 | 29.08 -0.02 0.00 | 27.29 -0.05 0.00 | 29.13 -0.03 0.00 | 39.57 0.02 -0.40 | 38.31 -0.02 -1.42 | 36.65 0.00 -1.29 | 36.71 -0.01 -0.36 | 37.37 0.10 0.00 | 35.55 0.05 0.00 | 32.44 -0.04 0.00 | 26.75 0.02 0.00 | 25.54 0.05 0.00 |
| OCC_CHEM___DRP 24175 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.10 0.00 | 21.61 -1.04 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.34 0.00 | 16.81 -1.07 0.00 | 21.19 -0.91 0.00 | 24.87 -1.29 0.00 | 27.75 -1.55 0.00 | 27.57 -1.54 0.00 | 25.67 -1.66 0.00 | 26.10 -1.93 1.13 | 33.74 -3.14 2.28 | 25.83 -3.11 7.96 | 25.33 -2.75 7.28 | 31.53 -2.78 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.24 -2.24 0.00 | 25.19 -1.54 0.00 | 24.28 -1.21 0.00 |
| OH_GEN_PROXY 24063 | 24.61 -1.11 0.00 | 23.71 -1.04 0.00 | 21.55 -0.94 0.00 | 22.01 -0.97 0.00 | 21.72 -0.93 0.00 | 23.63 -0.79 0.00 | 33.16 -1.18 -0.13 | 23.71 -1.17 0.00 | 16.95 -0.93 0.00 | 21.36 -0.75 0.00 | 25.07 -1.09 0.00 | 27.97 -1.34 0.00 | 27.79 -1.31 0.00 | 25.89 -1.45 0.00 | 26.51 -1.69 0.97 | 34.36 -2.80 1.99 | 27.22 -2.73 6.95 | 26.58 -2.42 6.36 | 32.09 -2.49 1.78 | 34.98 -2.29 0.00 | 33.30 -2.19 0.00 | 30.62 -1.85 0.00 | 25.48 -1.26 0.00 | 24.53 -0.96 0.00 |
| OLIN_CORP_DRP 24177 | 24.56 -1.16 0.00 | 23.66 -1.10 0.00 | 21.50 -0.99 0.00 | 21.96 -1.01 0.00 | 21.68 -0.97 0.00 | 23.61 -0.81 0.00 | 32.99 -1.22 0.00 | 23.62 -1.25 0.00 | 16.87 -1.01 0.00 | 21.26 -0.85 0.00 | 24.94 -1.22 0.00 | 27.75 -1.55 0.00 | 27.51 -1.59 0.00 | 25.61 -1.73 0.00 | 26.08 -1.94 1.14 | 33.70 -3.15 2.31 | 25.79 -3.04 8.07 | 25.37 -2.61 7.38 | 31.47 -2.82 2.07 | 34.66 -2.60 0.00 | 33.04 -2.46 0.00 | 30.40 -2.08 0.00 | 25.33 -1.40 0.00 | 24.48 -1.01 0.00 |
| OLIN_CORP_DSASP 323712 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.09 0.00 | 21.61 -1.05 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.35 0.00 | 16.83 -1.06 0.00 | 21.21 -0.90 0.00 | 24.89 -1.27 0.00 | 27.75 -1.55 0.00 | 27.57 -1.53 0.00 | 25.67 -1.67 0.00 | 26.12 -1.92 1.13 | 33.74 -3.14 2.28 | 25.87 -3.07 7.96 | 25.37 -2.71 7.28 | 31.55 -2.77 2.04 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.25 -2.23 0.00 | 25.18 -1.55 0.00 | 24.29 -1.21 0.00 |
| ONEIDA_HERK_LFGE 323681 | 26.34 0.62 0.00 | 25.35 0.59 0.00 | 22.79 0.30 0.00 | 23.28 0.30 0.00 | 23.00 0.36 0.00 | 24.90 0.48 0.00 | 34.88 0.67 0.00 | 25.26 0.38 0.00 | 18.12 0.24 0.00 | 22.53 0.42 0.00 | 26.69 0.53 0.00 | 29.84 0.54 0.00 | 29.40 0.30 0.00 | 27.42 0.09 0.00 | 29.18 0.01 0.00 | 38.98 -0.17 0.00 | 36.89 -0.02 0.00 | 34.92 -0.44 0.00 | 36.16 -0.20 0.00 | 37.50 0.23 0.00 | 35.86 0.36 0.00 | 32.46 -0.02 0.00 | 26.87 0.14 0.00 | 25.51 0.02 0.00 |
| ONEIDA___115KV_TB4 55905 | 26.26 0.54 0.00 | 25.30 0.54 0.00 | 22.90 0.41 0.00 | 23.39 0.41 0.00 | 23.06 0.41 0.00 | 24.94 0.52 0.00 | 34.94 0.73 0.00 | 25.39 0.51 0.00 | 18.17 0.29 0.00 | 22.52 0.41 0.00 | 26.70 0.54 0.00 | 29.84 0.54 0.00 | 29.58 0.48 0.00 | 27.77 0.43 0.00 | 29.66 0.50 0.00 | 39.70 0.55 0.00 | 37.59 0.69 0.00 | 36.31 0.95 0.00 | 37.55 1.20 0.00 | 38.60 1.34 0.00 | 36.76 1.27 0.00 | 33.51 1.03 0.00 | 27.56 0.83 0.00 | 26.23 0.73 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 25.51 -0.21 0.00 | 24.58 -0.18 0.00 | 22.30 -0.19 0.00 | 22.76 -0.21 0.00 | 22.42 -0.22 0.00 | 24.24 -0.18 0.00 | 33.94 -0.27 0.00 | 24.64 -0.23 0.00 | 17.68 -0.20 0.00 | 21.98 -0.13 0.00 | 25.96 -0.20 0.00 | 29.11 -0.19 0.00 | 28.93 -0.17 0.00 | 27.19 -0.14 0.00 | 29.02 -0.14 0.00 | 38.95 -0.20 0.00 | 36.60 -0.30 0.00 | 35.13 -0.23 0.00 | 36.15 -0.21 0.00 | 37.13 -0.13 0.00 | 35.35 -0.15 0.00 | 32.27 -0.20 0.00 | 26.61 -0.13 0.00 | 25.39 -0.11 0.00 |
| ONONDAGA___COGEN 23986 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| ONTARIO___LFGE 23819 | 25.56 -0.16 0.00 | 24.68 -0.08 0.00 | 22.38 -0.11 0.00 | 22.82 -0.16 0.00 | 22.43 -0.21 0.00 | 24.35 -0.08 0.00 | 34.21 -0.01 0.00 | 24.78 -0.10 0.00 | 17.71 -0.17 0.00 | 22.08 -0.03 0.00 | 25.96 -0.20 0.00 | 29.15 -0.15 0.00 | 28.93 -0.17 0.00 | 27.10 -0.24 0.00 | 29.73 -0.15 -0.72 | 40.09 -0.39 -1.33 | 40.88 -0.60 -4.57 | 39.08 -0.49 -4.21 | 37.20 -0.35 -1.19 | 37.14 -0.13 0.00 | 35.38 -0.11 0.00 | 32.30 -0.17 0.00 | 26.71 -0.02 0.00 | 25.53 0.04 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 24.87 -0.85 0.00 | 24.09 -0.66 0.00 | 21.88 -0.61 0.00 | 22.29 -0.68 0.00 | 21.84 -0.81 0.00 | 23.73 -0.69 0.00 | 33.35 -0.86 0.00 | 24.03 -0.85 0.00 | 17.19 -0.69 0.00 | 21.57 -0.54 0.00 | 25.29 -0.87 0.00 | 28.07 -1.23 0.00 | 27.74 -1.36 0.00 | 25.67 -1.66 0.00 | 22.63 -1.86 4.68 | 27.47 -2.82 8.86 | 3.19 -2.71 31.00 | 4.60 -2.39 28.37 | 26.27 -2.13 7.96 | 35.47 -1.80 0.00 | 33.84 -1.65 0.00 | 30.97 -1.51 0.00 | 25.72 -1.02 0.00 | 24.79 -0.70 0.00 |
| ORANGEVILLE___ESR 323794 | 24.87 -0.85 0.00 | 24.09 -0.66 0.00 | 21.88 -0.61 0.00 | 22.29 -0.68 0.00 | 21.84 -0.81 0.00 | 23.73 -0.69 0.00 | 33.35 -0.86 0.00 | 24.03 -0.85 0.00 | 17.19 -0.69 0.00 | 21.57 -0.54 0.00 | 25.29 -0.87 0.00 | 28.07 -1.23 0.00 | 27.74 -1.36 0.00 | 25.67 -1.66 0.00 | 22.63 -1.86 4.68 | 27.47 -2.82 8.86 | 3.19 -2.71 31.00 | 4.60 -2.39 28.37 | 26.27 -2.13 7.96 | 35.47 -1.80 0.00 | 33.84 -1.65 0.00 | 30.97 -1.51 0.00 | 25.72 -1.02 0.00 | 24.79 -0.70 0.00 |
| OSWEGATCHIE___HYD 24044 | 26.52 0.79 0.00 | 25.46 0.70 0.00 | 22.74 0.25 0.00 | 23.26 0.29 0.00 | 23.08 0.43 0.00 | 24.95 0.53 0.00 | 34.99 0.79 0.00 | 25.26 0.39 0.00 | 18.04 0.16 0.00 | 22.36 0.24 0.00 | 26.43 0.27 0.00 | 29.50 0.20 0.00 | 28.85 -0.25 0.00 | 26.71 -0.63 0.00 | 28.29 -0.88 0.00 | 37.63 -1.52 0.00 | 35.51 -1.38 0.00 | 34.01 -1.35 0.00 | 35.63 -0.73 0.00 | 37.18 -0.09 0.00 | 35.65 0.16 0.00 | 32.34 -0.14 0.00 | 26.82 0.09 0.00 | 25.50 0.01 0.00 |
| OSWEGO___5 23606 | 25.06 -0.66 0.00 | 24.13 -0.62 0.00 | 21.92 -0.57 0.00 | 22.38 -0.60 0.00 | 22.06 -0.60 0.00 | 23.82 -0.61 0.00 | 33.32 -0.88 0.00 | 24.19 -0.69 0.00 | 17.38 -0.50 0.00 | 21.58 -0.53 0.00 | 25.49 -0.67 0.00 | 28.56 -0.74 0.00 | 28.37 -0.73 0.00 | 26.65 -0.69 0.00 | 28.44 -0.73 0.00 | 38.14 -1.02 0.00 | 35.88 -1.02 0.00 | 34.42 -0.94 0.00 | 35.41 -0.95 0.00 | 36.33 -0.93 0.00 | 34.60 -0.89 0.00 | 31.63 -0.85 0.00 | 26.07 -0.66 0.00 | 24.90 -0.60 0.00 |
| OSWEGO___6 23613 | 25.06 -0.66 0.00 | 24.13 -0.62 0.00 | 21.92 -0.57 0.00 | 22.38 -0.60 0.00 | 22.06 -0.60 0.00 | 23.82 -0.61 0.00 | 33.32 -0.88 0.00 | 24.19 -0.69 0.00 | 17.38 -0.50 0.00 | 21.58 -0.53 0.00 | 25.49 -0.67 0.00 | 28.56 -0.74 0.00 | 28.37 -0.73 0.00 | 26.65 -0.69 0.00 | 28.44 -0.73 0.00 | 38.14 -1.02 0.00 | 35.88 -1.02 0.00 | 34.42 -0.94 0.00 | 35.41 -0.95 0.00 | 36.33 -0.93 0.00 | 34.60 -0.89 0.00 | 31.63 -0.85 0.00 | 26.07 -0.66 0.00 | 24.90 -0.60 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 25.00 -0.72 0.00 | 24.08 -0.67 0.00 | 21.88 -0.60 0.00 | 22.33 -0.64 0.00 | 22.03 -0.62 0.00 | 23.99 -0.42 0.00 | 33.59 -0.62 0.00 | 24.12 -0.75 0.00 | 17.23 -0.65 0.00 | 21.73 -0.38 0.00 | 25.49 -0.68 0.00 | 28.44 -0.86 0.00 | 28.22 -0.88 0.00 | 26.29 -1.04 0.00 | 26.72 -1.24 0.00 | 34.49 -2.24 0.00 | 26.21 -2.22 0.00 | 25.75 -1.86 0.00 | 32.27 -1.92 0.00 | 35.55 -1.72 0.00 | 33.82 -1.68 0.00 | 31.06 -1.42 0.00 | 25.85 -0.88 0.00 | 24.90 -0.59 0.00 |
| OXBOW___BTM 323836 | 24.73 -0.98 0.00 | 23.81 -0.95 0.00 | 21.64 -0.84 0.00 | 22.10 -0.88 0.00 | 21.81 -0.85 0.00 | 23.75 -0.68 0.00 | 33.21 -0.99 0.00 | 23.81 -1.06 0.00 | 17.03 -0.86 0.00 | 21.48 -0.64 0.00 | 25.20 -0.96 0.00 | 28.09 -1.21 0.00 | 27.90 -1.20 0.00 | 25.98 -1.36 0.00 | 26.42 -1.58 0.00 | 34.12 -2.68 0.00 | 26.04 -2.64 0.00 | 25.58 -2.27 0.00 | 31.91 -2.34 0.00 | 35.05 -2.21 0.00 | 33.35 -2.15 0.00 | 30.66 -1.82 0.00 | 25.51 -1.22 0.00 | 24.59 -0.91 0.00 |
| OXBOW___ 24026 | 24.73 -0.98 0.00 | 23.81 -0.94 0.00 | 21.64 -0.85 0.00 | 22.10 -0.88 0.00 | 21.80 -0.85 0.00 | 23.75 -0.67 0.00 | 33.21 -0.99 0.00 | 23.82 -1.06 0.00 | 17.02 -0.86 0.00 | 21.46 -0.65 0.00 | 25.18 -0.98 0.00 | 28.09 -1.21 0.00 | 27.90 -1.21 0.00 | 25.98 -1.35 0.00 | 26.41 -1.59 0.00 | 34.11 -2.69 0.00 | 26.01 -2.67 0.00 | 25.54 -2.31 0.00 | 31.89 -2.36 0.00 | 35.05 -2.21 0.00 | 33.35 -2.15 0.00 | 30.64 -1.83 0.00 | 25.51 -1.22 0.00 | 24.58 -0.91 0.00 |
| OXY_CHEM_DSASP 323612 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.10 0.00 | 21.61 -1.04 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.34 0.00 | 16.81 -1.07 0.00 | 21.19 -0.91 0.00 | 24.87 -1.29 0.00 | 27.75 -1.55 0.00 | 27.57 -1.54 0.00 | 25.67 -1.66 0.00 | 26.10 -1.93 0.00 | 33.74 -3.14 0.00 | 25.83 -3.11 0.00 | 25.33 -2.75 0.00 | 31.53 -2.78 0.00 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.24 -2.24 0.00 | 25.19 -1.54 0.00 | 24.28 -1.21 0.00 |
| OZONE_PARK_ESR 323760 | 27.09 1.36 0.00 | 26.08 1.32 0.00 | 23.69 1.21 0.00 | 24.08 1.10 0.00 | 23.75 1.10 0.00 | 25.52 1.10 0.00 | 35.81 1.60 0.00 | 32.64 1.41 -6.35 | 63.68 1.25 -44.54 | 36.77 1.94 -12.72 | 35.61 2.51 -6.94 | 35.09 2.91 -2.88 | 32.04 2.94 0.00 | 30.26 2.92 0.00 | 38.80 3.21 -6.43 | 43.56 4.41 0.00 | 41.25 4.35 0.00 | 39.37 4.01 0.00 | 39.85 3.50 0.00 | 40.52 3.26 0.00 | 38.52 3.03 0.00 | 35.21 2.73 0.00 | 28.98 2.25 0.00 | 27.57 2.08 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.10 0.00 | 21.61 -1.04 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.34 0.00 | 16.81 -1.07 0.00 | 21.19 -0.91 0.00 | 24.87 -1.29 0.00 | 27.75 -1.55 0.00 | 27.57 -1.54 0.00 | 25.67 -1.66 0.00 | 26.10 -1.93 0.00 | 33.74 -3.14 0.00 | 25.83 -3.11 0.00 | 25.33 -2.75 0.00 | 31.53 -2.78 0.00 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.24 -2.24 0.00 | 25.19 -1.54 0.00 | 24.28 -1.21 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 24.49 -1.24 0.00 | 23.57 -1.19 0.00 | 21.43 -1.06 0.00 | 21.88 -1.10 0.00 | 21.61 -1.04 0.00 | 23.52 -0.90 0.00 | 32.85 -1.36 0.00 | 23.53 -1.34 0.00 | 16.81 -1.07 0.00 | 21.19 -0.91 0.00 | 24.87 -1.29 0.00 | 27.75 -1.55 0.00 | 27.57 -1.54 0.00 | 25.67 -1.66 0.00 | 26.10 -1.93 0.00 | 33.74 -3.14 0.00 | 25.83 -3.11 0.00 | 25.33 -2.75 0.00 | 31.53 -2.78 0.00 | 34.58 -2.68 0.00 | 32.87 -2.63 0.00 | 30.24 -2.24 0.00 | 25.19 -1.54 0.00 | 24.28 -1.21 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 26.82 1.10 0.00 | 25.87 1.11 0.00 | 23.50 1.01 0.00 | 23.87 0.89 0.00 | 23.55 0.90 0.00 | 25.30 0.87 0.00 | 35.50 1.30 0.00 | 32.41 1.19 -6.35 | 63.44 1.06 -44.50 | 36.49 1.67 -12.71 | 35.28 2.19 -6.93 | 34.74 2.56 -2.88 | 31.64 2.54 0.00 | 29.91 2.57 0.00 | 38.35 2.77 -6.42 | 42.96 3.81 0.00 | 40.67 3.77 0.00 | 38.83 3.47 0.00 | 39.29 2.93 0.00 | 40.05 2.78 0.00 | 38.14 2.64 0.00 | 34.89 2.41 0.00 | 28.68 1.95 0.00 | 27.32 1.83 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 27.56 1.84 0.00 | 26.59 1.84 0.00 | 24.17 1.68 0.00 | 24.55 1.58 0.00 | 24.20 1.55 0.00 | 26.04 1.61 0.00 | 36.59 2.39 0.00 | 33.19 1.96 -6.35 | 63.98 1.60 -44.50 | 37.17 2.35 -12.71 | 36.04 2.95 -6.93 | 35.57 3.39 -2.88 | 32.49 3.39 0.00 | 30.69 3.35 0.00 | 39.14 3.56 -6.42 | 43.97 4.82 0.00 | 41.62 4.72 0.00 | 39.76 4.40 0.00 | 40.21 3.85 0.00 | 41.00 3.74 0.00 | 39.08 3.58 0.00 | 35.79 3.32 0.00 | 29.39 2.66 0.00 | 27.99 2.50 0.00 |
| PATROON__115KV_TB1 80586 | 26.00 0.28 0.00 | 25.07 0.31 0.00 | 22.82 0.33 0.00 | 23.32 0.34 0.00 | 23.00 0.35 0.00 | 24.72 0.29 0.00 | 34.50 0.29 0.00 | 26.38 0.32 -1.18 | 26.53 0.36 -8.29 | 25.01 0.53 -2.37 | 28.04 0.59 -1.29 | 30.45 0.61 -0.54 | 29.81 0.71 0.00 | 28.10 0.76 0.00 | 31.25 0.89 -1.20 | 40.49 1.34 0.00 | 38.19 1.29 0.00 | 36.50 1.15 0.00 | 37.44 1.08 0.00 | 38.22 0.95 0.00 | 36.37 0.87 0.00 | 33.30 0.83 0.00 | 27.38 0.65 0.00 | 26.09 0.59 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 26.35 0.63 0.00 | 25.39 0.63 0.00 | 23.05 0.57 0.00 | 23.55 0.57 0.00 | 23.23 0.58 0.00 | 25.03 0.61 0.00 | 35.09 0.88 0.00 | 26.48 0.63 -0.97 | 25.19 0.47 -6.83 | 24.46 0.40 -1.95 | 27.58 0.36 -1.06 | 30.17 0.43 -0.44 | 29.51 0.41 0.00 | 27.79 0.46 0.00 | 30.65 0.50 -0.99 | 39.92 0.77 0.00 | 37.81 0.91 0.00 | 36.31 0.95 0.00 | 37.54 1.18 0.00 | 38.61 1.34 0.00 | 36.79 1.29 0.00 | 33.63 1.16 0.00 | 27.63 0.90 0.00 | 26.33 0.84 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 24.94 -0.78 0.00 | 24.06 -0.69 0.00 | 21.84 -0.65 0.00 | 22.28 -0.69 0.00 | 21.96 -0.69 0.00 | 23.91 -0.51 0.00 | 33.53 -0.68 0.00 | 24.16 -0.72 0.00 | 17.28 -0.60 0.00 | 21.78 -0.33 0.00 | 25.55 -0.61 0.00 | 28.51 -0.79 0.00 | 28.29 -0.81 0.00 | 26.37 -0.97 0.00 | 26.76 -1.15 0.00 | 34.56 -2.04 0.00 | 26.08 -1.91 0.00 | 25.45 -1.75 0.00 | 32.22 -1.85 0.00 | 35.70 -1.57 0.00 | 33.96 -1.54 0.00 | 31.16 -1.32 0.00 | 25.90 -0.83 0.00 | 24.88 -0.61 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 26.79 1.07 0.00 | 25.83 1.07 0.00 | 23.46 0.97 0.00 | 23.88 0.91 0.00 | 23.56 0.91 0.00 | 25.32 0.90 0.00 | 35.51 1.30 0.00 | 28.90 1.14 -2.88 | 39.13 1.04 -20.21 | 29.48 1.60 -5.77 | 31.36 2.05 -3.15 | 32.98 2.37 -1.31 | 31.52 2.42 0.00 | 29.75 2.42 0.00 | 34.77 2.69 -2.92 | 42.92 3.77 0.00 | 40.62 3.73 0.00 | 38.83 3.48 0.00 | 39.44 3.08 0.00 | 40.13 2.86 0.00 | 38.12 2.63 0.00 | 34.80 2.33 0.00 | 28.60 1.87 0.00 | 27.21 1.72 0.00 |
| PEEKSKILL___ 23653 | 26.58 0.86 0.00 | 25.62 0.86 0.00 | 23.27 0.78 0.00 | 23.68 0.70 0.00 | 23.35 0.70 0.00 | 25.09 0.67 0.00 | 35.16 0.95 0.00 | 32.68 0.87 -6.94 | 67.36 0.84 -48.64 | 37.36 1.36 -13.89 | 35.54 1.80 -7.58 | 34.52 2.07 -3.15 | 31.21 2.11 0.00 | 29.46 2.12 0.00 | 38.54 2.36 -7.02 | 42.44 3.29 0.00 | 40.17 3.26 0.00 | 38.35 2.99 0.00 | 38.93 2.57 0.00 | 39.59 2.32 0.00 | 37.64 2.15 0.00 | 34.39 1.91 0.00 | 28.30 1.57 0.00 | 26.97 1.47 0.00 |
| PGE MADISON___WINDPWR 24146 | 27.53 1.82 0.00 | 26.74 1.98 0.00 | 24.20 1.71 0.00 | 24.74 1.76 0.00 | 24.33 1.68 0.00 | 26.41 1.99 0.00 | 37.14 2.93 0.00 | 25.92 2.19 1.14 | 11.35 1.48 8.02 | 21.67 1.85 2.29 | 26.76 1.85 1.25 | 30.86 2.08 0.52 | 31.26 2.16 0.00 | 29.30 1.96 0.00 | 30.24 2.22 1.16 | 42.04 2.89 0.00 | 39.36 2.46 0.00 | 38.47 3.11 0.00 | 39.74 3.38 0.00 | 41.07 3.81 0.00 | 38.88 3.38 0.00 | 35.11 2.64 0.00 | 28.60 1.86 0.00 | 27.45 1.96 0.00 |

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| PIERCEFIELD___HYD 23852 | 26.52 0.80 0.00 | 25.43 0.67 0.00 | 22.88 0.39 0.00 | 23.43 0.46 0.00 | 23.25 0.60 0.00 | 25.07 0.64 0.00 | 35.20 0.99 0.00 | 25.50 0.62 0.00 | 18.14 0.26 0.00 | 22.24 0.12 0.00 | 26.31 0.15 0.00 | 29.34 0.04 0.00 | 28.83 -0.27 0.00 | 26.81 -0.52 0.00 | 28.46 -0.70 0.00 | 37.99 -1.16 0.00 | 35.81 -1.09 0.00 | 34.30 -1.06 0.00 | 35.84 -0.52 0.00 | 37.10 -0.16 0.00 | 35.53 0.03 0.00 | 32.57 0.09 0.00 | 26.94 0.21 0.00 | 25.71 0.22 0.00 |
| PINELAWN_CC_1 323563 | 26.94 1.22 0.00 | 25.99 1.23 0.00 | 23.56 1.07 0.00 | 23.96 0.98 0.00 | 23.59 0.94 0.00 | 25.38 0.96 0.00 | 35.59 1.38 0.00 | 32.47 1.26 -6.33 | 63.36 1.12 -44.35 | 36.55 1.77 -12.67 | 36.33 2.63 -7.53 | 36.68 2.92 -4.46 | 31.84 2.74 0.00 | 30.19 2.86 0.00 | 38.60 3.04 -6.40 | 43.21 4.06 0.00 | 40.92 4.02 0.00 | 39.21 3.86 0.00 | 39.85 3.49 0.00 | 40.25 2.99 0.00 | 38.46 2.96 0.00 | 35.05 2.58 0.00 | 28.88 2.15 0.00 | 27.51 2.01 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 26.78 1.06 0.00 | 25.80 1.04 0.00 | 23.45 0.96 0.00 | 23.84 0.86 0.00 | 23.51 0.86 0.00 | 25.26 0.83 0.00 | 35.42 1.22 0.00 | 32.36 1.12 -6.36 | 63.51 1.04 -44.59 | 36.52 1.67 -12.73 | 35.29 2.18 -6.95 | 34.72 2.54 -2.89 | 31.67 2.57 0.00 | 29.91 2.57 0.00 | 38.43 2.83 -6.43 | 43.04 3.89 0.00 | 40.75 3.85 0.00 | 38.88 3.52 0.00 | 39.36 3.00 0.00 | 40.01 2.75 0.00 | 38.04 2.54 0.00 | 34.75 2.27 0.00 | 28.61 1.88 0.00 | 27.25 1.76 0.00 |
| PJM_GEN_KEystone 24065 | 25.56 -0.16 0.00 | 24.67 -0.08 0.00 | 22.38 -0.11 0.00 | 19.08 -0.19 3.71 | 20.84 -0.19 1.62 | 24.26 -0.16 0.00 | 34.02 -0.19 0.00 | 16.63 -0.12 8.12 | -39.07 -0.02 56.93 | 6.19 0.34 16.26 | 17.70 0.41 8.87 | 26.11 0.49 3.68 | 29.64 0.54 0.00 | 27.85 0.52 0.00 | 21.24 0.56 8.48 | 39.08 0.58 0.65 | 35.25 0.62 2.27 | 33.75 0.48 2.08 | 35.93 0.15 0.58 | 37.44 0.17 0.00 | 35.59 0.10 0.00 | 32.55 0.07 0.00 | 26.93 0.19 0.00 | 25.75 0.25 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 26.69 0.97 0.00 | 25.74 0.99 0.00 | 23.36 0.87 0.00 | 23.77 0.79 0.00 | 23.40 0.76 0.00 | 25.17 0.75 0.00 | 35.29 1.08 0.00 | 32.22 1.01 -6.33 | 63.18 0.94 -44.35 | 36.32 1.55 -12.67 | 35.95 2.26 -7.53 | 36.28 2.52 -4.46 | 31.49 2.39 0.00 | 29.82 2.48 0.00 | 38.22 2.65 -6.40 | 42.77 3.62 0.00 | 40.47 3.57 0.00 | 38.74 3.38 0.00 | 39.29 2.93 0.00 | 39.75 2.49 0.00 | 37.97 2.47 0.00 | 34.65 2.17 0.00 | 28.56 1.83 0.00 | 27.22 1.73 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 26.69 0.97 0.00 | 25.71 0.95 0.00 | 23.34 0.86 0.00 | 23.73 0.75 0.00 | 23.41 0.76 0.00 | 25.15 0.73 0.00 | 35.29 1.08 0.00 | 32.25 1.02 -6.35 | 63.40 0.97 -44.54 | 36.42 1.59 -12.72 | 35.20 2.10 -6.94 | 34.67 2.49 -2.88 | 31.63 2.53 0.00 | 29.88 2.54 0.00 | 38.38 2.78 -6.43 | 42.96 3.79 0.00 | 40.69 3.79 0.00 | 38.82 3.46 0.00 | 39.27 2.92 0.00 | 39.91 2.64 0.00 | 37.96 2.47 0.00 | 34.69 2.21 0.00 | 28.56 1.83 0.00 | 27.21 1.71 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 26.26 0.54 0.00 | 25.13 0.38 0.00 | 22.93 0.44 0.00 | 23.54 0.56 0.00 | 23.18 0.53 0.00 | 25.00 0.58 0.00 | 35.19 0.98 0.00 | 25.59 0.71 0.00 | 18.30 0.42 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.48 0.18 0.00 | 29.27 0.17 0.00 | 27.37 0.03 0.00 | 29.03 -0.13 0.00 | 38.74 -0.41 0.00 | 36.54 -0.36 0.00 | 34.74 -0.62 0.00 | 36.11 -0.25 0.00 | 37.29 0.02 0.00 | 35.55 0.05 0.00 | 32.76 0.28 0.00 | 26.72 -0.01 0.00 | 25.40 -0.10 0.00 |
| PLEASANTVLY___LBMP 24000 | 26.41 0.69 0.00 | 25.49 0.73 0.00 | 23.18 0.70 0.00 | 23.61 0.63 0.00 | 23.29 0.63 0.00 | 25.01 0.59 0.00 | 35.03 0.82 0.00 | 29.44 0.76 -3.80 | 45.24 0.75 -26.62 | 30.91 1.20 -7.60 | 31.88 1.58 -4.15 | 32.84 1.81 -1.72 | 30.96 1.85 0.00 | 29.21 1.87 0.00 | 35.08 2.07 -3.84 | 42.11 2.96 0.00 | 39.81 2.91 0.00 | 38.02 2.67 0.00 | 38.67 2.31 0.00 | 39.37 2.10 0.00 | 37.43 1.94 0.00 | 34.21 1.74 0.00 | 28.16 1.42 0.00 | 26.83 1.33 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 26.68 0.96 0.00 | 25.72 0.97 0.00 | 23.37 0.88 0.00 | 23.78 0.80 0.00 | 23.45 0.81 0.00 | 25.20 0.78 0.00 | 35.33 1.12 0.00 | 31.47 1.01 -5.59 | 58.01 0.94 -39.18 | 34.79 1.50 -11.19 | 34.22 1.96 -6.11 | 34.10 2.26 -2.53 | 31.41 2.31 0.00 | 29.65 2.32 0.00 | 37.37 2.55 -5.65 | 42.71 3.56 0.00 | 40.42 3.52 0.00 | 38.59 3.23 0.00 | 39.17 2.81 0.00 | 39.83 2.57 0.00 | 37.87 2.37 0.00 | 34.60 2.12 0.00 | 28.47 1.73 0.00 | 27.11 1.61 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 26.68 0.96 0.00 | 25.72 0.97 0.00 | 23.37 0.88 0.00 | 23.78 0.80 0.00 | 23.45 0.81 0.00 | 25.20 0.78 0.00 | 35.33 1.12 0.00 | 31.47 1.01 -5.59 | 58.01 0.94 -39.18 | 34.79 1.50 -11.19 | 34.22 1.96 -6.11 | 34.10 2.26 -2.53 | 31.41 2.31 0.00 | 29.65 2.32 0.00 | 37.37 2.55 -5.65 | 42.71 3.56 0.00 | 40.42 3.52 0.00 | 38.59 3.23 0.00 | 39.17 2.81 0.00 | 39.83 2.57 0.00 | 37.87 2.37 0.00 | 34.60 2.12 0.00 | 28.47 1.73 0.00 | 27.11 1.61 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 26.59 0.87 0.00 | 25.64 0.89 0.00 | 23.31 0.82 0.00 | 23.75 0.77 0.00 | 23.41 0.76 0.00 | 25.16 0.74 0.00 | 35.25 1.04 0.00 | 27.44 0.94 -1.63 | 30.17 0.88 -11.41 | 26.72 1.35 -3.26 | 29.68 1.74 -1.78 | 32.03 1.99 -0.74 | 31.16 2.06 0.00 | 29.42 2.08 0.00 | 33.12 2.31 -1.65 | 42.43 3.28 0.00 | 40.17 3.27 0.00 | 38.43 3.07 0.00 | 39.10 2.74 0.00 | 39.80 2.54 0.00 | 37.81 2.32 0.00 | 34.52 2.04 0.00 | 28.37 1.64 0.00 | 27.01 1.51 0.00 |
| POLETTI____ 23519 | 26.76 1.04 0.00 | 25.78 1.02 0.00 | 23.44 0.95 0.00 | 23.82 0.84 0.00 | 23.50 0.85 0.00 | 25.24 0.82 0.00 | 35.39 1.18 0.00 | 32.32 1.09 -6.35 | 63.45 1.02 -44.54 | 36.48 1.65 -12.72 | 35.25 2.15 -6.94 | 34.70 2.52 -2.88 | 31.66 2.56 0.00 | 29.90 2.57 0.00 | 38.40 2.81 -6.43 | 43.02 3.87 0.00 | 40.73 3.83 0.00 | 38.85 3.49 0.00 | 39.33 2.97 0.00 | 39.97 2.70 0.00 | 38.00 2.50 0.00 | 34.74 2.26 0.00 | 28.61 1.88 0.00 | 27.24 1.74 0.00 |
| POMONA___ESR 323819 | 26.56 0.84 0.00 | 25.60 0.85 0.00 | 23.25 0.76 0.00 | 23.66 0.68 0.00 | 23.33 0.68 0.00 | 25.06 0.64 0.00 | 35.11 0.90 0.00 | 16.30 0.81 9.39 | -47.10 0.81 65.79 | 4.66 1.33 18.79 | 17.68 1.77 10.25 | 27.07 2.02 4.26 | 31.18 2.08 0.00 | 29.43 2.10 0.00 | 22.00 2.33 9.49 | 42.43 3.28 0.00 | 40.15 3.25 0.00 | 38.33 2.98 0.00 | 38.88 2.52 0.00 | 39.56 2.29 0.00 | 37.59 2.09 0.00 | 34.31 1.84 0.00 | 28.24 1.51 0.00 | 26.92 1.43 0.00 |
| PORT_JEFF_3 23555 | 26.88 1.16 0.00 | 25.95 1.19 0.00 | 23.54 1.05 0.00 | 23.94 0.96 0.00 | 23.56 0.92 0.00 | 25.34 0.92 0.00 | 35.53 1.32 0.00 | 32.42 1.22 -6.33 | 63.34 1.11 -44.35 | 36.53 1.75 -12.67 | 36.33 2.64 -7.53 | 36.76 3.00 -4.46 | 31.86 2.76 0.00 | 30.20 2.87 0.00 | 38.59 3.03 -6.40 | 43.16 4.01 0.00 | 40.76 3.85 0.00 | 39.03 3.67 0.00 | 39.68 3.32 0.00 | 40.02 2.76 0.00 | 38.31 2.82 0.00 | 34.91 2.44 0.00 | 28.80 2.07 0.00 | 27.43 1.94 0.00 |
| PORT_JEFF_4 23616 | 26.88 1.16 0.00 | 25.95 1.19 0.00 | 23.54 1.05 0.00 | 23.94 0.96 0.00 | 23.56 0.92 0.00 | 25.34 0.92 0.00 | 35.53 1.32 0.00 | 32.42 1.22 -6.33 | 63.34 1.11 -44.35 | 36.53 1.75 -12.67 | 36.33 2.64 -7.53 | 36.76 3.00 -4.46 | 31.86 2.76 0.00 | 30.20 2.87 0.00 | 38.59 3.03 -6.40 | 43.16 4.01 0.00 | 40.76 3.85 0.00 | 39.03 3.67 0.00 | 39.68 3.32 0.00 | 40.02 2.76 0.00 | 38.31 2.82 0.00 | 34.91 2.44 0.00 | 28.80 2.07 0.00 | 27.43 1.94 0.00 |

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| PORT_JEFF_IC 23713 | 26.91 1.19 0.00 | 25.98 1.22 0.00 | 23.56 1.07 0.00 | 23.95 0.97 0.00 | 23.57 0.92 0.00 | 25.35 0.93 0.00 | 35.56 1.36 0.00 | 32.44 1.24 -6.33 | 63.37 1.13 -44.35 | 36.57 1.80 -12.67 | 36.38 2.69 -7.53 | 36.83 3.07 -4.46 | 31.92 2.82 0.00 | 30.26 2.92 0.00 | 38.67 3.10 -6.40 | 43.26 4.11 0.00 | 40.86 3.96 0.00 | 39.12 3.76 0.00 | 39.80 3.44 0.00 | 40.10 2.84 0.00 | 38.39 2.89 0.00 | 34.98 2.50 0.00 | 28.84 2.11 0.00 | 27.47 1.97 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 27.01 1.29 0.00 | 26.07 1.31 0.00 | 23.64 1.15 0.00 | 24.05 1.07 0.00 | 23.66 1.01 0.00 | 25.45 1.03 0.00 | 35.72 1.51 0.00 | 32.56 1.36 -6.33 | 63.44 1.20 -44.35 | 36.66 1.88 -12.67 | 36.48 2.79 -7.53 | 36.89 3.12 -4.46 | 31.99 2.89 0.00 | 30.30 2.96 0.00 | 38.69 3.12 -6.40 | 43.34 4.19 0.00 | 40.99 4.09 0.00 | 39.29 3.93 0.00 | 39.92 3.56 0.00 | 40.29 3.02 0.00 | 38.56 3.06 0.00 | 35.13 2.65 0.00 | 28.96 2.23 0.00 | 27.61 2.11 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 27.01 1.29 0.00 | 26.07 1.31 0.00 | 23.64 1.15 0.00 | 24.05 1.07 0.00 | 23.66 1.01 0.00 | 25.45 1.03 0.00 | 35.72 1.51 0.00 | 32.56 1.36 -6.33 | 63.44 1.20 -44.35 | 36.66 1.88 -12.67 | 36.48 2.79 -7.53 | 36.89 3.12 -4.46 | 31.99 2.89 0.00 | 30.30 2.96 0.00 | 38.69 3.12 -6.40 | 43.34 4.19 0.00 | 40.99 4.09 0.00 | 39.29 3.93 0.00 | 39.92 3.56 0.00 | 40.29 3.02 0.00 | 38.56 3.06 0.00 | 35.13 2.65 0.00 | 28.96 2.23 0.00 | 27.61 2.11 0.00 |
| PPL_SHRM_GT3 24213 | 26.67 0.95 0.00 | 25.75 0.99 0.00 | 23.36 0.87 0.00 | 23.74 0.77 0.00 | 23.37 0.72 0.00 | 25.13 0.71 0.00 | 35.23 1.02 0.00 | 32.21 1.01 -6.33 | 63.21 0.97 -44.35 | 36.37 1.59 -12.67 | 36.17 2.48 -7.53 | 36.58 2.82 -4.46 | 31.68 2.58 0.00 | 30.05 2.72 0.00 | 38.44 2.87 -6.40 | 42.91 3.77 0.00 | 40.47 3.56 0.00 | 38.77 3.41 0.00 | 39.43 3.07 0.00 | 39.73 2.46 0.00 | 37.98 2.49 0.00 | 34.61 2.14 0.00 | 28.54 1.81 0.00 | 27.15 1.65 0.00 |
| PPL_SHRM_GT4 24214 | 26.67 0.95 0.00 | 25.75 0.99 0.00 | 23.36 0.87 0.00 | 23.74 0.77 0.00 | 23.37 0.72 0.00 | 25.13 0.71 0.00 | 35.23 1.02 0.00 | 32.21 1.01 -6.33 | 63.21 0.97 -44.35 | 36.37 1.59 -12.67 | 36.17 2.48 -7.53 | 36.58 2.82 -4.46 | 31.68 2.58 0.00 | 30.05 2.72 0.00 | 38.44 2.87 -6.40 | 42.91 3.77 0.00 | 40.47 3.56 0.00 | 38.77 3.41 0.00 | 39.43 3.07 0.00 | 39.73 2.46 0.00 | 37.98 2.49 0.00 | 34.61 2.14 0.00 | 28.54 1.81 0.00 | 27.15 1.65 0.00 |
| PROJECT___ORANGE 1 24174 | 25.36 -0.36 0.00 | 24.43 -0.33 0.00 | 22.17 -0.32 0.00 | 22.64 -0.34 0.00 | 22.31 -0.34 0.00 | 24.10 -0.32 0.00 | 33.74 -0.47 0.00 | 24.49 -0.38 0.00 | 17.59 -0.29 0.00 | 21.89 -0.23 0.00 | 25.85 -0.31 0.00 | 28.99 -0.31 0.00 | 28.80 -0.30 0.00 | 27.07 -0.27 0.00 | 28.89 -0.28 0.00 | 38.72 -0.43 0.00 | 36.40 -0.50 0.00 | 34.93 -0.42 0.00 | 35.92 -0.44 0.00 | 36.86 -0.40 0.00 | 35.09 -0.40 0.00 | 32.06 -0.42 0.00 | 26.44 -0.29 0.00 | 25.23 -0.27 0.00 |
| PROJECT___ORANGE 2 24166 | 25.36 -0.36 0.00 | 24.43 -0.33 0.00 | 22.17 -0.32 0.00 | 22.64 -0.34 0.00 | 22.31 -0.34 0.00 | 24.10 -0.32 0.00 | 33.74 -0.47 0.00 | 24.49 -0.38 0.00 | 17.59 -0.29 0.00 | 21.89 -0.23 0.00 | 25.85 -0.31 0.00 | 28.99 -0.31 0.00 | 28.80 -0.30 0.00 | 27.07 -0.27 0.00 | 28.89 -0.28 0.00 | 38.72 -0.43 0.00 | 36.40 -0.50 0.00 | 34.93 -0.42 0.00 | 35.92 -0.44 0.00 | 36.86 -0.40 0.00 | 35.09 -0.40 0.00 | 32.06 -0.42 0.00 | 26.44 -0.29 0.00 | 25.23 -0.27 0.00 |
| PUCKETT___SOLAR 323809 | 25.86 0.13 0.00 | 25.03 0.27 0.00 | 22.70 0.21 0.00 | 23.17 0.19 0.00 | 22.80 0.15 0.00 | 24.67 0.25 0.00 | 34.62 0.41 0.00 | 24.40 0.28 0.75 | 12.74 0.11 5.25 | 20.81 0.20 1.50 | 25.43 0.09 0.82 | 29.07 0.11 0.34 | 29.25 0.15 0.00 | 27.43 0.09 0.00 | 28.54 0.14 0.76 | 39.36 0.21 0.00 | 37.28 0.38 0.00 | 35.78 0.42 0.00 | 36.95 0.59 0.00 | 38.15 0.89 0.00 | 36.24 0.75 0.00 | 33.01 0.53 0.00 | 27.17 0.44 0.00 | 25.98 0.48 0.00 |
| PYRITES___HYD 24023 | 27.09 1.36 0.00 | 25.97 1.21 0.00 | 23.38 0.89 0.00 | 23.94 0.96 0.00 | 23.75 1.10 0.00 | 25.63 1.21 0.00 | 36.05 1.84 0.00 | 26.09 1.21 0.00 | 18.41 0.52 0.00 | 22.52 0.41 0.00 | 26.65 0.49 0.00 | 29.56 0.25 0.00 | 29.11 0.01 0.00 | 27.21 -0.13 0.00 | 28.86 -0.31 0.00 | 38.48 -0.67 0.00 | 36.22 -0.68 0.00 | 34.70 -0.66 0.00 | 36.60 0.24 0.00 | 37.99 0.73 0.00 | 36.44 0.94 0.00 | 33.39 0.91 0.00 | 27.52 0.79 0.00 | 26.23 0.74 0.00 |
| QUAKERRD_115KV_BK1 80622 | 24.83 -0.90 0.00 | 23.88 -0.88 0.00 | 21.68 -0.81 0.00 | 22.13 -0.85 0.00 | 21.83 -0.81 0.00 | 23.68 -0.74 0.00 | 33.16 -1.05 0.00 | 23.97 -0.91 0.00 | 17.17 -0.71 0.00 | 21.47 -0.64 0.00 | 25.29 -0.86 0.00 | 28.33 -0.97 0.00 | 28.16 -0.95 0.00 | 26.37 -0.97 0.00 | 28.12 -1.05 0.00 | 37.49 -1.66 0.00 | 35.19 -1.71 0.00 | 33.84 -1.51 0.00 | 34.86 -1.50 0.00 | 35.88 -1.39 0.00 | 34.16 -1.34 0.00 | 31.26 -1.22 0.00 | 25.82 -0.92 0.00 | 24.70 -0.79 0.00 |
| QUENSBRY_115KV_TB8 356137 | 27.03 1.31 0.00 | 26.00 1.24 0.00 | 23.60 1.12 0.00 | 24.14 1.16 0.00 | 23.81 1.16 0.00 | 25.73 1.31 0.00 | 36.11 1.90 0.00 | 27.28 1.30 -1.11 | 26.71 1.07 -7.76 | 25.62 1.29 -2.21 | 28.65 1.28 -1.21 | 31.23 1.43 -0.50 | 30.44 1.34 0.00 | 28.53 1.19 0.00 | 31.62 1.34 -1.12 | 41.37 2.22 0.00 | 38.84 1.94 0.00 | 37.32 1.96 0.00 | 38.79 2.43 0.00 | 39.70 2.44 0.00 | 37.85 2.35 0.00 | 34.69 2.22 0.00 | 28.49 1.76 0.00 | 27.12 1.62 0.00 |
| RAMAPO___LBMP 323565 | 26.44 0.72 0.00 | 25.48 0.72 0.00 | 23.14 0.65 0.00 | 23.54 0.56 0.00 | 23.21 0.57 0.00 | 24.95 0.52 0.00 | 34.96 0.76 0.00 | 16.66 0.69 8.91 | -43.85 0.71 62.43 | 5.48 1.20 17.83 | 18.03 1.60 9.73 | 27.08 1.81 4.04 | 30.97 1.87 0.00 | 29.23 1.89 0.00 | 22.25 2.09 9.01 | 42.10 2.95 0.00 | 39.84 2.95 0.00 | 38.05 2.69 0.00 | 38.62 2.26 0.00 | 39.32 2.05 0.00 | 37.36 1.86 0.00 | 34.11 1.63 0.00 | 28.09 1.35 0.00 | 26.77 1.28 0.00 |
| RANKINE____ 23646 | 24.98 -0.74 0.00 | 24.12 -0.63 0.00 | 21.91 -0.58 0.00 | 22.36 -0.62 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.18 -0.69 0.00 | 17.29 -0.59 0.00 | 21.78 -0.33 0.00 | 25.53 -0.62 0.00 | 28.45 -0.85 0.00 | 28.23 -0.88 0.00 | 26.27 -1.07 0.00 | 26.44 -1.27 1.46 | 34.01 -2.23 2.91 | 24.58 -2.13 10.19 | 24.17 -1.88 9.31 | 31.84 -1.90 2.61 | 35.66 -1.61 0.00 | 33.94 -1.55 0.00 | 31.15 -1.32 0.00 | 25.91 -0.82 0.00 | 24.93 -0.57 0.00 |
| RAVENSWOOD_GT2_1 24244 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | 32.36 1.14 -6.35 | 63.43 1.05 -44.50 | 36.50 1.68 -12.71 | 35.28 2.18 -6.93 | 34.72 2.54 -2.88 | 31.67 2.57 0.00 | 29.92 2.58 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.75 3.84 0.00 | 38.88 3.52 0.00 | 39.37 3.01 0.00 | 40.03 2.76 0.00 | 38.07 2.57 0.00 | 34.80 2.32 0.00 | 28.64 1.91 0.00 | 27.28 1.78 0.00 |
| RAVENSWOOD_GT2_2 24245 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | 32.36 1.14 -6.35 | 63.43 1.05 -44.50 | 36.50 1.68 -12.71 | 35.28 2.18 -6.93 | 34.72 2.54 -2.88 | 31.67 2.57 0.00 | 29.92 2.58 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.75 3.84 0.00 | 38.88 3.52 0.00 | 39.37 3.01 0.00 | 40.03 2.76 0.00 | 38.07 2.57 0.00 | 34.80 2.32 0.00 | 28.64 1.91 0.00 | 27.28 1.78 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 26.81 1.09 0.00 | 25.83 1.08 0.00 | 23.47 0.99 0.00 | 23.87 0.89 0.00 | 23.54 0.89 0.00 | 25.29 0.87 0.00 | 35.48 1.27 0.00 | 32.38 1.15 -6.35 | 63.44 1.06 -44.50 | 36.51 1.69 -12.71 | 35.30 2.20 -6.93 | 34.74 2.56 -2.88 | 31.70 2.59 0.00 | 29.93 2.59 0.00 | 38.42 2.84 -6.42 | 43.07 3.92 0.00 | 40.78 3.88 0.00 | 38.90 3.54 0.00 | 39.39 3.03 0.00 | 40.06 2.80 0.00 | 38.09 2.60 0.00 | 34.81 2.33 0.00 | 28.66 1.93 0.00 | 27.29 1.79 0.00 |
| RAVENSWOOD_GT2_4 24247 | 26.81 1.09 0.00 | 25.83 1.08 0.00 | 23.47 0.99 0.00 | 23.87 0.89 0.00 | 23.54 0.89 0.00 | 25.29 0.87 0.00 | 35.48 1.27 0.00 | 32.38 1.15 -6.35 | 63.44 1.06 -44.50 | 36.51 1.69 -12.71 | 35.30 2.20 -6.93 | 34.74 2.56 -2.88 | 31.70 2.59 0.00 | 29.93 2.59 0.00 | 38.42 2.84 -6.42 | 43.07 3.92 0.00 | 40.78 3.88 0.00 | 38.90 3.54 0.00 | 39.39 3.03 0.00 | 40.06 2.80 0.00 | 38.09 2.60 0.00 | 34.81 2.33 0.00 | 28.66 1.93 0.00 | 27.29 1.79 0.00 |
| RAVENSWOOD_GT3_1 24248 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | 32.36 1.14 -6.35 | 63.43 1.05 -44.50 | 36.50 1.68 -12.71 | 35.28 2.19 -6.93 | 34.72 2.54 -2.88 | 31.68 2.58 0.00 | 29.92 2.58 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.75 3.84 0.00 | 38.88 3.52 0.00 | 39.38 3.02 0.00 | 40.03 2.76 0.00 | 38.07 2.57 0.00 | 34.80 2.32 0.00 | 28.64 1.91 0.00 | 27.28 1.78 0.00 |
| RAVENSWOOD_GT3_2 24249 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | 32.36 1.14 -6.35 | 63.43 1.05 -44.50 | 36.50 1.68 -12.71 | 35.28 2.19 -6.93 | 34.72 2.54 -2.88 | 31.68 2.58 0.00 | 29.92 2.58 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.75 3.84 0.00 | 38.88 3.52 0.00 | 39.38 3.02 0.00 | 40.03 2.76 0.00 | 38.07 2.57 0.00 | 34.80 2.32 0.00 | 28.64 1.91 0.00 | 27.28 1.78 0.00 |
| RAVENSWOOD_GT3_3 24250 | 26.85 1.13 0.00 | 25.87 1.11 0.00 | 23.50 1.01 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.52 1.32 0.00 | 32.41 1.19 -6.35 | 63.47 1.09 -44.50 | 36.54 1.72 -12.71 | 35.34 2.25 -6.93 | 34.79 2.61 -2.88 | 31.74 2.63 0.00 | 29.97 2.64 0.00 | 38.48 2.89 -6.42 | 43.13 3.98 0.00 | 40.83 3.94 0.00 | 38.95 3.59 0.00 | 39.45 3.09 0.00 | 40.11 2.84 0.00 | 38.14 2.64 0.00 | 34.86 2.38 0.00 | 28.69 1.96 0.00 | 27.32 1.82 0.00 |
| RAVENSWOOD_GT3_4 24251 | 26.85 1.13 0.00 | 25.87 1.11 0.00 | 23.50 1.01 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.52 1.32 0.00 | 32.41 1.19 -6.35 | 63.47 1.09 -44.50 | 36.54 1.72 -12.71 | 35.34 2.25 -6.93 | 34.79 2.61 -2.88 | 31.74 2.63 0.00 | 29.97 2.64 0.00 | 38.48 2.89 -6.42 | 43.13 3.98 0.00 | 40.83 3.94 0.00 | 38.95 3.59 0.00 | 39.45 3.09 0.00 | 40.11 2.84 0.00 | 38.14 2.64 0.00 | 34.86 2.38 0.00 | 28.69 1.96 0.00 | 27.32 1.82 0.00 |
| RAVENSWOOD_GT_1 23729 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.55 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.86 2.68 -2.88 | 31.79 2.69 0.00 | 30.04 2.71 0.00 | 38.52 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.02 3.66 0.00 | 39.46 3.10 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| RAVENSWOOD_GT_10 24258 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.53 0.88 0.00 | 25.28 0.86 0.00 | 35.46 1.25 0.00 | | | | | | | | | | | | | | | | | |

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| RAVENSWOOD___1 23533 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.40 2.30 -6.93 | 34.86 2.67 -2.88 | 31.80 2.70 0.00 | 30.05 2.71 0.00 | 38.51 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| RAVENSWOOD___2 23534 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.40 2.30 -6.93 | 34.86 2.67 -2.88 | 31.80 2.70 0.00 | 30.05 2.71 0.00 | 38.51 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| RAVENSWOOD___3 23535 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.54 0.89 0.00 | 25.29 0.86 0.00 | 35.46 1.25 0.00 | 32.37 1.14 -6.35 | 63.43 1.05 -44.50 | 36.50 1.68 -12.71 | 35.28 2.19 -6.93 | 34.73 2.55 -2.88 | 31.68 2.58 0.00 | 29.92 2.58 0.00 | 38.41 2.83 -6.42 | 43.04 3.89 0.00 | 40.74 3.84 0.00 | 38.88 3.52 0.00 | 39.37 3.02 0.00 | 40.03 2.77 0.00 | 38.07 2.58 0.00 | 34.79 2.32 0.00 | 28.64 1.91 0.00 | 27.28 1.79 0.00 |
| RAVENSWOOD___4 23820 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.54 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.40 2.30 -6.93 | 34.86 2.67 -2.88 | 31.80 2.70 0.00 | 30.05 2.71 0.00 | 38.51 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.01 3.65 0.00 | 39.45 3.09 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| RCPL_TRUST___DRP 24196 | 26.81 1.09 0.00 | 25.83 1.07 0.00 | 23.47 0.98 0.00 | 23.86 0.88 0.00 | 23.54 0.89 0.00 | 25.29 0.87 0.00 | 35.48 1.27 0.00 | 32.40 1.16 -6.36 | 63.55 1.07 -44.59 | 36.56 1.71 -12.73 | 35.34 2.23 -6.95 | 34.79 2.60 -2.89 | 31.72 2.63 0.00 | 29.96 2.62 0.00 | 38.49 2.89 -6.43 | 43.12 3.97 0.00 | 40.82 3.92 0.00 | 38.95 3.59 0.00 | 39.42 3.06 0.00 | 40.06 2.80 0.00 | 38.08 2.59 0.00 | 34.80 2.32 0.00 | 28.65 1.91 0.00 | 27.29 1.79 0.00 |
| RED___ROCHESTER 323720 | 25.53 -0.19 0.00 | 24.54 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.08 0.00 | 24.68 -0.20 0.00 | 17.68 -0.20 0.00 | 22.16 0.05 0.00 | 26.10 -0.06 0.00 | 29.18 -0.12 0.00 | 28.99 -0.11 0.00 | 27.12 -0.22 0.00 | 28.92 -0.24 0.00 | 38.13 -0.66 0.37 | 34.87 -0.73 1.30 | 33.63 -0.54 1.18 | 35.50 -0.53 0.33 | 36.90 -0.36 0.00 | 35.12 -0.37 0.00 | 32.15 -0.33 0.00 | 26.55 -0.18 0.00 | 25.41 -0.08 0.00 |
| REGAN___SOLAR 323812 | 26.87 1.15 0.00 | 25.86 1.11 0.00 | 23.46 0.97 0.00 | 23.94 0.96 0.00 | 23.64 0.99 0.00 | 25.52 1.10 0.00 | 35.88 1.67 0.00 | 26.91 1.19 -0.84 | 24.49 0.69 -5.91 | 23.91 0.11 -1.69 | 27.11 0.03 -0.92 | 29.78 0.09 -0.38 | 29.01 -0.09 0.00 | 27.48 0.14 0.00 | 29.99 -0.03 -0.85 | 39.15 -0.01 0.00 | 37.37 0.47 0.00 | 36.25 0.89 0.00 | 38.06 1.70 0.00 | 39.39 2.13 0.00 | 37.58 2.08 0.00 | 34.30 1.82 0.00 | 28.11 1.37 0.00 | 26.75 1.25 0.00 |
| RENSSELAER___COGEN 23796 | 25.84 0.12 0.00 | 24.92 0.16 0.00 | 22.69 0.20 0.00 | 23.19 0.21 0.00 | 22.88 0.23 0.00 | 24.57 0.15 0.00 | 34.28 0.07 0.00 | 26.23 0.16 -1.19 | 26.50 0.24 -8.37 | 24.89 0.39 -2.39 | 27.90 0.43 -1.31 | 30.25 0.40 -0.54 | 29.60 0.50 0.00 | 27.90 0.57 0.00 | 31.04 0.66 -1.21 | 40.18 1.03 0.00 | 37.90 1.00 0.00 | 36.23 0.87 0.00 | 37.15 0.79 0.00 | 37.93 0.67 0.00 | 36.12 0.62 0.00 | 33.09 0.62 0.00 | 27.22 0.49 0.00 | 25.94 0.45 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 28.64 2.92 0.00 | 27.45 2.69 0.00 | 24.86 2.37 0.00 | 25.64 2.66 0.00 | 25.33 2.68 0.00 | 27.49 3.07 0.00 | 38.52 4.31 0.00 | 28.93 2.95 -1.11 | 27.92 2.24 -7.79 | 27.01 2.67 -2.22 | 30.39 3.01 -1.21 | 33.08 3.28 -0.50 | 32.19 3.08 0.00 | 30.08 2.75 0.00 | 33.28 2.99 -1.12 | 43.97 4.82 0.00 | 40.70 3.80 0.00 | 39.01 3.65 0.00 | 40.63 4.27 0.00 | 41.89 4.63 0.00 | 39.93 4.43 0.00 | 36.80 4.32 0.00 | 30.25 3.52 0.00 | 28.78 3.29 0.00 |
| REVERE_CPPR_DRP 24186 | 26.54 0.82 0.00 | 25.56 0.80 0.00 | 23.08 0.59 0.00 | 23.58 0.60 0.00 | 23.25 0.60 0.00 | 25.18 0.76 0.00 | 35.30 1.09 0.00 | 25.62 0.74 0.00 | 18.33 0.44 0.00 | 22.73 0.62 0.00 | 26.95 0.79 0.00 | 30.11 0.80 0.00 | 29.75 0.64 0.00 | 27.87 0.54 0.00 | 29.74 0.57 0.00 | 39.76 0.61 0.00 | 37.70 0.80 0.00 | 36.68 1.33 0.00 | 38.15 1.79 0.00 | 39.28 2.01 0.00 | 37.38 1.89 0.00 | 34.05 1.58 0.00 | 28.01 1.28 0.00 | 26.61 1.12 0.00 |
| REYNLDPA_13_KV_LD 356490 | 26.20 0.48 0.00 | 25.15 0.39 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.04 0.39 0.00 | 24.85 0.43 0.00 | 34.90 0.69 0.00 | 25.34 0.46 0.00 | 18.10 0.22 0.00 | 22.02 -0.10 0.00 | 26.24 0.07 0.00 | 29.39 0.09 0.00 | 29.13 0.03 0.00 | 27.25 -0.08 0.00 | 28.99 -0.17 0.00 | 38.81 -0.35 0.00 | 36.56 -0.34 0.00 | 35.05 -0.31 0.00 | 36.27 -0.08 0.00 | 37.31 0.05 0.00 | 35.62 0.12 0.00 | 32.65 0.18 0.00 | 26.85 0.12 0.00 | 25.58 0.08 0.00 |
| REYNOLDS_115KV_TB3 80639 | 26.01 0.29 0.00 | 25.09 0.34 0.00 | 22.84 0.35 0.00 | 23.36 0.38 0.00 | 23.05 0.41 0.00 | 24.77 0.35 0.00 | 34.58 0.37 0.00 | 26.47 0.33 -1.26 | 27.08 0.38 -8.82 | 25.19 0.55 -2.52 | 28.18 0.65 -1.37 | 30.54 0.67 -0.57 | 29.85 0.74 0.00 | 28.12 0.78 0.00 | 31.35 0.91 -1.27 | 40.55 1.40 0.00 | 38.20 1.31 0.00 | 36.51 1.16 0.00 | 37.43 1.07 0.00 | 38.21 0.95 0.00 | 36.39 0.89 0.00 | 33.36 0.89 0.00 | 27.43 0.69 0.00 | 26.16 0.67 0.00 |
| RIVERBAY____ 323610 | 27.56 1.84 0.00 | 26.59 1.84 0.00 | 24.17 1.68 0.00 | 24.55 1.58 0.00 | 24.20 1.55 0.00 | 26.04 1.61 0.00 | 36.59 2.39 0.00 | 33.19 1.96 -6.35 | 63.98 1.60 -44.50 | 37.17 2.35 -12.71 | 36.04 2.95 -6.93 | 35.57 3.39 -2.88 | 32.49 3.39 0.00 | 30.69 3.35 0.00 | 39.14 3.56 -6.42 | 43.97 4.82 0.00 | 41.62 4.72 0.00 | 39.76 4.40 0.00 | 40.21 3.85 0.00 | 41.00 3.74 0.00 | 39.08 3.58 0.00 | 35.79 3.32 0.00 | 29.39 2.66 0.00 | 27.99 2.50 0.00 |
| RIVERSDE_115KV_TB3 55908 | 25.95 0.23 0.00 | 25.03 0.27 0.00 | 22.79 0.30 0.00 | 23.29 0.32 0.00 | 22.99 0.34 0.00 | 24.69 0.28 0.00 | 34.47 0.26 0.00 | 26.38 0.28 -1.22 | 26.79 0.34 -8.58 | 25.06 0.50 -2.45 | 28.07 0.57 -1.34 | 30.44 0.58 -0.55 | 29.78 0.68 0.00 | 28.06 0.72 0.00 | 31.24 0.84 -1.24 | 40.44 1.29 0.00 | 38.12 1.22 0.00 | 36.44 1.08 0.00 | 37.35 1.00 0.00 | 38.14 0.87 0.00 | 36.31 0.82 0.00 | 33.27 0.79 0.00 | 27.36 0.62 0.00 | 26.07 0.58 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 25.68 -0.04 0.00 | 24.73 -0.03 0.00 | 22.39 -0.10 0.00 | 22.91 -0.06 0.00 | 22.60 -0.05 0.00 | 24.35 -0.07 0.00 | 34.08 -0.13 0.00 | 24.71 -0.16 0.00 | 17.76 -0.12 0.00 | 21.97 -0.15 0.00 | 26.04 -0.12 0.00 | 29.19 -0.12 0.00 | 28.86 -0.24 0.00 | 27.01 -0.33 0.00 | 28.68 -0.48 0.00 | 38.36 -0.79 0.00 | 36.13 -0.78 0.00 | 34.79 -0.57 0.00 | 35.92 -0.43 0.00 | 36.90 -0.36 0.00 | 35.18 -0.32 0.00 | 32.12 -0.36 0.00 | 26.48 -0.25 0.00 | 25.18 -0.31 0.00 |

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| ROCHESRG_115KV_T4 355643 | 25.24 -0.47 0.00 | 24.29 -0.47 0.00 | 22.05 -0.44 0.00 | 22.51 -0.47 0.00 | 22.21 -0.44 0.00 | 24.10 -0.33 0.00 | 33.75 -0.46 0.00 | 24.38 -0.49 0.00 | 17.46 -0.42 0.00 | 21.86 -0.26 0.00 | 25.74 -0.42 0.00 | 28.80 -0.50 0.00 | 28.61 -0.49 0.00 | 26.77 -0.57 0.00 | 28.51 -0.66 0.00 | 37.54 -1.18 0.43 | 34.13 -1.24 1.53 | 32.91 -1.06 1.39 | 34.93 -1.04 0.39 | 36.39 -0.87 0.00 | 34.66 -0.84 0.00 | 31.74 -0.74 0.00 | 26.25 -0.48 0.00 | 25.13 -0.36 0.00 |
| ROCHESTER_9_IC 23652 | 25.39 -0.33 0.00 | 24.42 -0.33 0.00 | 22.17 -0.32 0.00 | 22.63 -0.35 0.00 | 22.33 -0.32 0.00 | 24.24 -0.18 0.00 | 33.96 -0.25 0.00 | 24.57 -0.31 0.00 | 17.59 -0.29 0.00 | 22.04 -0.07 0.00 | 25.95 -0.21 0.00 | 29.00 -0.30 0.00 | 28.81 -0.29 0.00 | 26.97 -0.37 0.00 | 28.72 -0.44 0.00 | 37.88 -0.90 0.37 | 34.62 -0.98 1.30 | 33.38 -0.80 1.18 | 35.25 -0.78 0.33 | 36.66 -0.60 0.00 | 34.91 -0.59 0.00 | 31.94 -0.53 0.00 | 26.41 -0.32 0.00 | 25.28 -0.22 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 26.83 1.11 0.00 | 25.86 1.10 0.00 | 23.49 1.00 0.00 | 23.89 0.91 0.00 | 23.57 0.92 0.00 | 25.32 0.90 0.00 | 35.50 1.29 0.00 | 32.37 1.14 -6.35 | 63.44 1.04 -44.52 | 36.47 1.65 -12.71 | 35.25 2.15 -6.94 | 34.68 2.49 -2.88 | 31.63 2.53 0.00 | 29.87 2.53 0.00 | 38.36 2.77 -6.42 | 43.02 3.87 0.00 | 40.70 3.80 0.00 | 38.85 3.49 0.00 | 39.41 3.05 0.00 | 40.05 2.79 0.00 | 38.07 2.58 0.00 | 34.79 2.31 0.00 | 28.62 1.89 0.00 | 27.26 1.77 0.00 |
| ROME____115KV_TB2 80656 | 26.54 0.82 0.00 | 25.56 0.80 0.00 | 23.08 0.59 0.00 | 23.58 0.60 0.00 | 23.25 0.60 0.00 | 25.18 0.76 0.00 | 35.30 1.09 0.00 | 25.62 0.74 0.00 | 18.33 0.44 0.00 | 22.73 0.62 0.00 | 26.95 0.79 0.00 | 30.11 0.80 0.00 | 29.75 0.64 0.00 | 27.87 0.54 0.00 | 29.74 0.57 0.00 | 39.76 0.61 0.00 | 37.70 0.80 0.00 | 36.68 1.33 0.00 | 38.15 1.79 0.00 | 39.28 2.01 0.00 | 37.38 1.89 0.00 | 34.05 1.58 0.00 | 28.01 1.28 0.00 | 26.61 1.12 0.00 |
| ROSETON___1 23587 | 26.25 0.54 0.00 | 25.31 0.55 0.00 | 22.99 0.50 0.00 | 23.42 0.44 0.00 | 23.09 0.44 0.00 | 24.82 0.40 0.00 | 34.75 0.55 0.00 | 21.00 0.53 4.41 | -12.45 0.56 30.89 | 14.24 0.95 8.82 | 22.57 1.23 4.81 | 28.69 1.38 2.00 | 30.54 1.44 0.00 | 28.80 1.46 0.00 | 26.35 1.64 4.46 | 41.47 2.33 0.00 | 39.22 2.32 0.00 | 37.49 2.13 0.00 | 38.16 1.81 0.00 | 38.91 1.64 0.00 | 36.99 1.49 0.00 | 33.78 1.31 0.00 | 27.81 1.08 0.00 | 26.52 1.03 0.00 |
| ROSETON___2 23588 | 26.25 0.54 0.00 | 25.31 0.55 0.00 | 22.99 0.50 0.00 | 23.42 0.44 0.00 | 23.09 0.44 0.00 | 24.82 0.40 0.00 | 34.75 0.55 0.00 | 21.00 0.53 4.41 | -12.45 0.56 30.89 | 14.24 0.95 8.82 | 22.57 1.23 4.81 | 28.69 1.38 2.00 | 30.54 1.44 0.00 | 28.80 1.46 0.00 | 26.35 1.64 4.46 | 41.47 2.33 0.00 | 39.22 2.32 0.00 | 37.49 2.13 0.00 | 38.16 1.81 0.00 | 38.91 1.64 0.00 | 36.99 1.49 0.00 | 33.78 1.31 0.00 | 27.81 1.08 0.00 | 26.52 1.03 0.00 |
| ROTRDAM_115KV_TB3 80664 | 26.20 0.48 0.00 | 25.24 0.49 0.00 | 22.94 0.46 0.00 | 23.43 0.45 0.00 | 23.11 0.46 0.00 | 24.89 0.47 0.00 | 34.85 0.64 0.00 | 26.38 0.48 -1.02 | 25.49 0.43 -7.18 | 24.71 0.55 -2.05 | 27.88 0.60 -1.12 | 30.45 0.69 -0.46 | 29.80 0.69 0.00 | 28.04 0.70 0.00 | 31.01 0.80 -1.04 | 40.36 1.20 0.00 | 38.10 1.19 0.00 | 36.48 1.12 0.00 | 37.52 1.17 0.00 | 38.42 1.15 0.00 | 36.58 1.08 0.00 | 33.48 1.00 0.00 | 27.52 0.79 0.00 | 26.24 0.74 0.00 |
| RUSSELL___1 23602 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| RUSSELL___2 23532 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| RUSSELL___3 23549 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| RUSSELL___4 23556 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| RUSSELL___STATION 23914 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| S SALMON___HYD 24043 | 25.62 -0.09 0.00 | 24.67 -0.09 0.00 | 22.22 -0.26 0.00 | 22.70 -0.28 0.00 | 22.43 -0.22 0.00 | 24.27 -0.16 0.00 | 33.96 -0.25 0.00 | 24.55 -0.33 0.00 | 17.64 -0.24 0.00 | 22.01 -0.10 0.00 | 25.94 -0.22 0.00 | 29.05 -0.25 0.00 | 28.60 -0.51 0.00 | 26.69 -0.65 0.00 | 28.36 -0.81 0.00 | 37.84 -1.31 0.00 | 35.58 -1.32 0.00 | 34.22 -1.13 0.00 | 35.46 -0.90 0.00 | 36.77 -0.50 0.00 | 35.16 -0.34 0.00 | 31.93 -0.55 0.00 | 26.46 -0.27 0.00 | 25.15 -0.35 0.00 |
| S.PERRY__115KV_TB1 80734 | 26.02 0.30 0.00 | 25.13 0.37 0.00 | 22.82 0.33 0.00 | 23.22 0.24 0.00 | 22.79 0.14 0.00 | 24.78 0.36 0.00 | 34.92 0.71 0.00 | 25.18 0.31 0.00 | 17.92 0.04 0.00 | 22.35 0.24 0.00 | 26.12 -0.04 0.00 | 29.14 -0.16 0.00 | 28.99 -0.12 0.00 | 26.98 -0.36 0.00 | 33.57 -0.45 -4.86 | 47.26 -0.90 -9.01 | 67.33 -1.00 -31.43 | 63.51 -0.66 -28.81 | 44.30 -0.15 -8.09 | 37.47 0.20 0.00 | 35.88 0.39 0.00 | 32.75 0.27 0.00 | 27.05 0.32 0.00 | 25.92 0.42 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 24.87 -0.85 0.00 | 23.98 -0.78 0.00 | 21.79 -0.70 0.00 | 22.24 -0.74 0.00 | 21.94 -0.71 0.00 | 23.87 -0.55 0.00 | 33.39 -0.82 0.00 | 23.99 -0.88 0.00 | 17.15 -0.73 0.00 | 21.61 -0.50 0.00 | 25.35 -0.81 0.00 | 28.27 -1.04 0.00 | 28.06 -1.04 0.00 | 26.14 -1.20 0.00 | 26.34 -1.43 1.39 | 33.92 -2.45 2.78 | 24.78 -2.39 9.74 | 24.37 -2.10 8.90 | 31.73 -2.14 2.50 | 35.40 -1.87 0.00 | 33.69 -1.81 0.00 | 30.96 -1.52 0.00 | 25.76 -0.97 0.00 | 24.78 -0.71 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 24.87 -0.85 0.00 | 23.98 -0.78 0.00 | 21.79 -0.70 0.00 | 22.24 -0.74 0.00 | 21.94 -0.71 0.00 | 23.87 -0.55 0.00 | 33.39 -0.82 0.00 | 23.99 -0.88 0.00 | 17.15 -0.73 0.00 | 21.61 -0.50 0.00 | 25.35 -0.81 0.00 | 28.27 -1.04 0.00 | 28.06 -1.04 0.00 | 26.14 -1.20 0.00 | 26.34 -1.43 1.39 | 33.92 -2.45 2.78 | 24.78 -2.39 9.74 | 24.37 -2.10 8.90 | 31.73 -2.14 2.50 | 35.40 -1.87 0.00 | 33.69 -1.81 0.00 | 30.96 -1.52 0.00 | 25.76 -0.97 0.00 | 24.78 -0.71 0.00 |
| SELKIRK___I 23801 | 26.03 0.31 0.00 | 25.12 0.36 0.00 | 22.87 0.38 0.00 | 23.37 0.39 0.00 | 23.06 0.41 0.00 | 24.82 0.40 0.00 | 34.67 0.47 0.00 | 26.24 0.37 -0.99 | 25.16 0.35 -6.93 | 24.55 0.46 -1.98 | 27.68 0.44 -1.08 | 30.21 0.46 -0.45 | 29.68 0.58 0.00 | 27.96 0.63 0.00 | 30.85 0.69 -1.00 | 40.18 1.03 0.00 | 37.91 1.01 0.00 | 36.31 0.95 0.00 | 37.33 0.97 0.00 | 38.20 0.93 0.00 | 36.39 0.90 0.00 | 33.33 0.85 0.00 | 27.41 0.68 0.00 | 26.14 0.65 0.00 |
| SELKIRK___II 23799 | 25.91 0.19 0.00 | 24.99 0.23 0.00 | 22.74 0.25 0.00 | 23.23 0.26 0.00 | 22.92 0.27 0.00 | 24.66 0.23 0.00 | 34.43 0.22 0.00 | 26.22 0.24 -1.11 | 25.92 0.29 -7.75 | 24.77 0.45 -2.21 | 27.89 0.52 -1.21 | 30.34 0.54 -0.50 | 29.71 0.60 0.00 | 27.99 0.65 0.00 | 31.04 0.75 -1.12 | 40.28 1.13 0.00 | 38.01 1.11 0.00 | 36.35 0.99 0.00 | 37.25 0.90 0.00 | 38.07 0.80 0.00 | 36.24 0.75 0.00 | 33.19 0.72 0.00 | 27.30 0.57 0.00 | 26.03 0.53 0.00 |
| SENECA OSWGO___HYD 24041 | 25.17 -0.55 0.00 | 24.22 -0.54 0.00 | 22.00 -0.48 0.00 | 22.47 -0.51 0.00 | 22.15 -0.51 0.00 | 23.92 -0.50 0.00 | 33.47 -0.74 0.00 | 24.30 -0.58 0.00 | 17.45 -0.43 0.00 | 21.69 -0.42 0.00 | 25.60 -0.56 0.00 | 28.72 -0.58 0.00 | 28.49 -0.61 0.00 | 26.76 -0.58 0.00 | 28.56 -0.61 0.00 | 38.35 -0.80 0.00 | 36.08 -0.82 0.00 | 34.63 -0.73 0.00 | 35.60 -0.76 0.00 | 36.57 -0.70 0.00 | 34.83 -0.67 0.00 | 31.81 -0.67 0.00 | 26.21 -0.52 0.00 | 25.02 -0.48 0.00 |
| SENECA___115KV_TB3 355854 | 25.03 -0.69 0.00 | 24.17 -0.59 0.00 | 21.94 -0.54 0.00 | 22.39 -0.59 0.00 | 22.06 -0.59 0.00 | 24.01 -0.41 0.00 | 33.63 -0.58 0.00 | 24.23 -0.64 0.00 | 17.32 -0.56 0.00 | 21.82 -0.29 0.00 | 25.58 -0.58 0.00 | 28.50 -0.80 0.00 | 28.27 -0.83 0.00 | 26.32 -1.02 0.00 | 26.49 -1.22 1.46 | 34.08 -2.16 2.91 | 24.64 -2.08 10.19 | 24.23 -1.82 9.31 | 31.90 -1.85 2.61 | 35.72 -1.55 0.00 | 34.00 -1.50 0.00 | 31.20 -1.28 0.00 | 25.96 -0.78 0.00 | 24.96 -0.54 0.00 |
| SENECA___ENERGY 23797 | 25.44 -0.28 0.00 | 24.52 -0.24 0.00 | 22.24 -0.25 0.00 | 22.68 -0.29 0.00 | 22.32 -0.33 0.00 | 24.18 -0.24 0.00 | 33.96 -0.25 0.00 | 24.61 -0.27 0.00 | 17.61 -0.27 0.00 | 21.95 -0.16 0.00 | 25.83 -0.33 0.00 | 29.03 -0.27 0.00 | 28.83 -0.27 0.00 | 27.01 -0.32 0.00 | 29.26 -0.24 -0.33 | 39.33 -0.43 -0.60 | 38.34 -0.63 -2.07 | 36.67 -0.60 -1.91 | 36.40 -0.50 -0.54 | 36.96 0.00 | 35.21 -0.31 0.00 | 32.17 -0.31 0.00 | 26.55 -0.18 0.00 | 25.37 -0.12 0.00 |
| SHOEMAKER___GT 23640 | 26.28 0.56 0.00 | 25.33 0.57 0.00 | 23.00 0.51 0.00 | 23.42 0.45 0.00 | 23.09 0.44 0.00 | 24.85 0.43 0.00 | 34.80 0.60 0.00 | 18.79 0.55 6.63 | -28.04 0.56 46.48 | 9.76 0.92 13.27 | 20.07 1.15 7.24 | 27.57 1.27 3.01 | 30.42 1.32 0.00 | 28.68 1.35 0.00 | 23.97 1.51 6.71 | 41.30 2.15 0.00 | 39.11 2.21 0.00 | 37.41 2.05 0.00 | 38.15 1.79 0.00 | 38.94 1.67 0.00 | 37.02 1.53 0.00 | 33.81 1.34 0.00 | 27.82 1.09 0.00 | 26.52 1.03 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 26.28 0.56 0.00 | 25.32 0.56 0.00 | 22.99 0.51 0.00 | 23.42 0.44 0.00 | 23.09 0.44 0.00 | 24.84 0.42 0.00 | 34.79 0.58 0.00 | 18.97 0.54 6.45 | -26.76 0.56 45.21 | 10.14 0.93 12.91 | 20.30 1.18 7.04 | 27.70 1.31 2.92 | 30.46 1.36 0.00 | 28.72 1.38 0.00 | 24.19 1.55 6.52 | 41.36 2.21 0.00 | 39.14 2.24 0.00 | 37.43 2.08 0.00 | 38.16 1.80 0.00 | 38.93 1.67 0.00 | 37.01 1.51 0.00 | 33.80 1.32 0.00 | 27.81 1.08 0.00 | 26.52 1.02 0.00 |
| SHOREHAM_IC_1 23715 | 26.67 0.95 0.00 | 25.75 0.99 0.00 | 23.36 0.87 0.00 | 23.74 0.77 0.00 | 23.37 0.72 0.00 | 25.13 0.71 0.00 | 35.23 1.02 0.00 | 32.21 1.01 -6.33 | 63.21 0.97 -44.35 | 36.37 1.59 -12.67 | 36.17 2.48 -7.53 | 36.58 2.82 -4.46 | 31.68 2.58 0.00 | 30.05 2.72 0.00 | 38.44 2.87 -6.40 | 42.91 3.77 0.00 | 40.47 3.56 0.00 | 38.77 3.41 0.00 | 39.43 3.07 0.00 | 39.73 2.46 0.00 | 37.98 2.49 0.00 | 34.61 2.14 0.00 | 28.54 1.81 0.00 | 27.15 1.65 0.00 |
| SHOREHAM_IC_2 23716 | 26.67 0.95 0.00 | 25.75 0.99 0.00 | 23.36 0.87 0.00 | 23.74 0.77 0.00 | 23.37 0.72 0.00 | 25.13 0.71 0.00 | 35.23 1.03 0.00 | 32.21 1.01 -6.33 | 63.21 0.97 -44.35 | 36.37 1.59 -12.67 | 36.16 2.47 -7.53 | 36.58 2.82 -4.46 | 31.69 2.58 0.00 | 30.05 2.71 0.00 | 38.44 2.87 -6.40 | 42.91 3.76 0.00 | 40.47 3.57 0.00 | 38.77 3.41 0.00 | 39.44 3.09 0.00 | 39.72 2.46 0.00 | 37.98 2.49 0.00 | 34.62 2.14 0.00 | 28.54 1.81 0.00 | 27.15 1.65 0.00 |
| SISSONVILLE____ 23735 | 26.52 0.80 0.00 | 25.43 0.67 0.00 | 22.88 0.39 0.00 | 23.43 0.46 0.00 | 23.25 0.60 0.00 | 25.07 0.64 0.00 | 35.20 0.99 0.00 | 25.50 0.62 0.00 | 18.14 0.26 0.00 | 22.24 0.12 0.00 | 26.31 0.15 0.00 | 29.34 0.04 0.00 | 28.83 -0.27 0.00 | 26.81 -0.52 0.00 | 28.46 -0.70 0.00 | 37.99 -1.16 0.00 | 35.81 -1.09 0.00 | 34.30 -1.06 0.00 | 35.84 -0.52 0.00 | 37.10 -0.16 0.00 | 35.53 0.03 0.00 | 32.57 0.09 0.00 | 26.94 0.21 0.00 | 25.71 0.22 0.00 |
| SITHE_IND_GS1 24169 | 24.87 -0.85 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.79 0.00 | 33.05 -1.15 0.00 | 24.00 -0.88 0.00 | 17.24 -0.64 0.00 | 21.41 -0.70 0.00 | 25.28 -0.88 0.00 | 28.32 -0.99 0.00 | 28.12 -0.98 0.00 | 26.43 -0.91 0.00 | 28.20 -0.96 0.00 | 37.81 -1.34 0.00 | 35.57 -1.33 0.00 | 34.13 -1.22 0.00 | 35.10 -1.26 0.00 | 36.01 -1.25 0.00 | 34.31 -1.19 0.00 | 31.36 -1.12 0.00 | 25.85 -0.89 0.00 | 24.69 -0.80 0.00 |
| SITHE_IND_GS2 24170 | 24.87 -0.85 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.79 0.00 | 33.05 -1.15 0.00 | 24.00 -0.88 0.00 | 17.24 -0.64 0.00 | 21.41 -0.70 0.00 | 25.28 -0.88 0.00 | 28.32 -0.99 0.00 | 28.12 -0.98 0.00 | 26.43 -0.91 0.00 | 28.20 -0.96 0.00 | 37.81 -1.34 0.00 | 35.57 -1.33 0.00 | 34.13 -1.22 0.00 | 35.10 -1.26 0.00 | 36.01 -1.25 0.00 | 34.31 -1.19 0.00 | 31.36 -1.12 0.00 | 25.85 -0.89 0.00 | 24.69 -0.80 0.00 |
| SITHE_IND_GS3 24171 | 24.87 -0.85 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.79 0.00 | 33.05 -1.15 0.00 | 24.00 -0.88 0.00 | 17.24 -0.64 0.00 | 21.41 -0.70 0.00 | 25.28 -0.88 0.00 | 28.32 -0.99 0.00 | 28.12 -0.98 0.00 | 26.43 -0.91 0.00 | 28.20 -0.96 0.00 | 37.81 -1.34 0.00 | 35.57 -1.33 0.00 | 34.13 -1.22 0.00 | 35.10 -1.26 0.00 | 36.01 -1.25 0.00 | 34.31 -1.19 0.00 | 31.36 -1.12 0.00 | 25.85 -0.89 0.00 | 24.69 -0.80 0.00 |
| SITHE_IND_GS4 24172 | 24.87 -0.85 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.79 0.00 | 33.05 -1.15 0.00 | 24.00 -0.88 0.00 | 17.24 -0.64 0.00 | 21.41 -0.70 0.00 | 25.28 -0.88 0.00 | 28.32 -0.99 0.00 | 28.12 -0.98 0.00 | 26.43 -0.91 0.00 | 28.20 -0.96 0.00 | 37.81 -1.34 0.00 | 35.57 -1.33 0.00 | 34.13 -1.22 0.00 | 35.10 -1.26 0.00 | 36.01 -1.25 0.00 | 34.31 -1.19 0.00 | 31.36 -1.12 0.00 | 25.85 -0.89 0.00 | 24.69 -0.80 0.00 |

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| SITHE___BATAVIA 24024 | 25.64 -0.08 0.00 | 24.66 -0.10 0.00 | 22.39 -0.10 0.00 | 22.85 -0.12 0.00 | 22.56 -0.08 0.00 | 24.58 0.16 0.00 | 34.47 0.27 0.00 | 24.82 -0.06 0.00 | 17.66 -0.22 0.00 | 22.11 -0.01 0.00 | 25.92 -0.24 0.00 | 29.01 -0.29 0.00 | 28.77 -0.33 0.00 | 26.80 -0.53 0.00 | 27.94 -0.53 0.69 | 36.65 -1.08 1.42 | 30.68 -1.23 4.99 | 30.05 -0.75 4.56 | 34.27 -0.82 1.28 | 36.82 -0.45 0.00 | 35.13 -0.37 0.00 | 32.18 -0.29 0.00 | 26.64 -0.09 0.00 | 25.60 0.10 0.00 |
| SITHE___INDEPEND 23800 | 24.87 -0.85 0.00 | 23.95 -0.81 0.00 | 21.76 -0.73 0.00 | 22.22 -0.76 0.00 | 21.90 -0.75 0.00 | 23.64 -0.78 0.00 | 33.06 -1.15 0.00 | 24.00 -0.88 0.00 | 17.24 -0.64 0.00 | 21.40 -0.70 0.00 | 25.28 -0.88 0.00 | 28.31 -0.99 0.00 | 28.12 -0.98 0.00 | 26.43 -0.91 0.00 | 28.20 -0.97 0.00 | 37.81 -1.34 0.00 | 35.56 -1.34 0.00 | 34.13 -1.23 0.00 | 35.10 -1.25 0.00 | 36.01 -1.25 0.00 | 34.31 -1.18 0.00 | 31.36 -1.12 0.00 | 25.84 -0.89 0.00 | 24.69 -0.80 0.00 |
| SITHE___MASSENA 23902 | 26.33 0.61 0.00 | 25.26 0.50 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.13 0.49 0.00 | 24.96 0.54 0.00 | 35.05 0.84 0.00 | 25.44 0.56 0.00 | 18.14 0.26 0.00 | 22.24 0.13 0.00 | 26.33 0.17 0.00 | 29.44 0.14 0.00 | 29.15 0.06 0.00 | 27.25 -0.09 0.00 | 28.97 -0.20 0.00 | 38.77 -0.39 0.00 | 36.51 -0.39 0.00 | 35.00 -0.35 0.00 | 36.31 -0.05 0.00 | 37.39 0.12 0.00 | 35.70 0.20 0.00 | 32.73 0.26 0.00 | 26.93 0.20 0.00 | 25.67 0.18 0.00 |
| SITHE___OGDNSBRG 24021 | 26.99 1.27 0.00 | 25.87 1.11 0.00 | 23.31 0.82 0.00 | 23.87 0.89 0.00 | 23.67 1.02 0.00 | 25.55 1.13 0.00 | 35.93 1.72 0.00 | 25.99 1.12 0.00 | 18.36 0.48 0.00 | 22.45 0.34 0.00 | 26.57 0.41 0.00 | 29.53 0.23 0.00 | 29.15 0.05 0.00 | 27.28 -0.06 0.00 | 28.97 -0.20 0.00 | 38.65 -0.50 0.00 | 36.37 -0.53 0.00 | 34.85 -0.51 0.00 | 36.73 0.37 0.00 | 38.00 0.74 0.00 | 36.41 0.92 0.00 | 33.36 0.89 0.00 | 27.46 0.73 0.00 | 26.17 0.67 0.00 |
| SITHE___STERLING 23777 | 26.26 0.54 0.00 | 25.30 0.54 0.00 | 22.90 0.41 0.00 | 23.39 0.41 0.00 | 23.06 0.41 0.00 | 24.94 0.52 0.00 | 34.94 0.73 0.00 | 25.38 0.51 0.00 | 18.17 0.29 0.00 | 22.52 0.41 0.00 | 26.70 0.54 0.00 | 29.84 0.54 0.00 | 29.58 0.48 0.00 | 27.76 0.43 0.00 | 29.66 0.50 0.00 | 39.70 0.55 0.00 | 37.59 0.69 0.00 | 36.31 0.96 0.00 | 37.55 1.19 0.00 | 38.60 1.34 0.00 | 36.76 1.27 0.00 | 33.51 1.03 0.00 | 27.56 0.83 0.00 | 26.23 0.73 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 25.29 -0.43 0.00 | 24.34 -0.42 0.00 | 22.08 -0.41 0.00 | 22.53 -0.45 0.00 | 22.22 -0.43 0.00 | 24.09 -0.33 0.00 | 33.81 -0.40 0.00 | 24.44 -0.44 0.00 | 17.48 -0.40 0.00 | 21.81 -0.30 0.00 | 25.68 -0.48 0.00 | 28.82 -0.48 0.00 | 28.66 -0.45 0.00 | 26.88 -0.46 0.00 | 28.73 -0.44 0.00 | 38.33 -0.82 0.00 | 35.95 -0.95 0.00 | 34.51 -0.85 0.00 | 35.61 -0.74 0.00 | 36.67 -0.59 0.00 | 34.90 -0.60 0.00 | 31.89 -0.58 0.00 | 26.31 -0.42 0.00 | 25.16 -0.33 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 27.00 1.29 0.00 | 26.06 1.31 0.00 | 23.62 1.14 0.00 | 24.02 1.04 0.00 | 23.64 0.99 0.00 | 25.44 1.02 0.00 | 35.68 1.47 0.00 | 32.54 1.33 -6.33 | 63.44 1.21 -44.35 | 36.68 1.90 -12.67 | 36.53 2.84 -7.53 | 36.97 3.21 -4.46 | 32.07 2.96 0.00 | 30.41 3.08 0.00 | 38.83 3.27 -6.40 | 43.47 4.32 0.00 | 41.09 4.19 0.00 | 39.36 4.00 0.00 | 40.03 3.67 0.00 | 40.33 3.07 0.00 | 38.60 3.11 0.00 | 35.16 2.68 0.00 | 28.97 2.24 0.00 | 27.59 2.09 0.00 |
| SOUTH CAIRO___GT 23612 | 26.68 0.95 0.00 | 25.68 0.92 0.00 | 23.35 0.86 0.00 | 23.87 0.89 0.00 | 23.55 0.90 0.00 | 25.38 0.96 0.00 | 35.48 1.27 0.00 | 26.54 1.03 -0.64 | 23.22 0.84 -4.50 | 24.30 0.90 -1.28 | 27.72 0.86 -0.70 | 30.32 0.73 -0.29 | 30.00 0.89 0.00 | 28.28 0.94 0.00 | 30.87 1.05 -0.65 | 40.89 1.74 0.00 | 38.73 1.83 0.00 | 37.19 1.83 0.00 | 38.45 2.10 0.00 | 39.48 2.21 0.00 | 37.64 2.15 0.00 | 34.37 1.90 0.00 | 28.16 1.42 0.00 | 26.75 1.26 0.00 |
| SOUTH HAMPTN___IC 23720 | 27.16 1.45 0.00 | 26.24 1.49 0.00 | 23.80 1.31 0.00 | 24.19 1.21 0.00 | 23.81 1.16 0.00 | 25.62 1.20 0.00 | 35.94 1.73 0.00 | 32.75 1.55 -6.33 | 63.61 1.37 -44.35 | 36.93 2.15 -12.67 | 36.86 3.17 -7.53 | 37.34 3.58 -4.46 | 32.43 3.33 0.00 | 30.74 3.40 0.00 | 39.14 3.57 -6.40 | 43.81 4.66 0.00 | 41.13 4.23 0.00 | 39.36 4.00 0.00 | 40.01 3.65 0.00 | 40.21 2.94 0.00 | 38.39 2.89 0.00 | 34.98 2.50 0.00 | 28.84 2.10 0.00 | 27.40 1.90 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 25.23 -0.49 0.00 | 24.64 -0.12 0.00 | 22.38 -0.10 0.00 | 22.81 -0.17 0.00 | 22.44 -0.21 0.00 | 24.48 0.06 0.00 | 34.64 0.43 0.00 | 25.23 0.36 0.00 | 18.18 0.30 0.00 | 22.89 0.78 0.00 | 26.82 0.66 0.00 | 29.98 0.68 0.00 | 29.79 0.69 0.00 | 27.69 0.35 0.00 | 28.63 0.14 0.68 | 37.28 -0.38 1.49 | 31.45 -0.23 5.22 | 29.36 -0.74 5.26 | 34.44 -0.58 1.34 | 36.88 -0.39 0.00 | 34.83 -0.66 0.00 | 31.97 -0.51 0.00 | 26.52 -0.22 0.00 | 25.43 -0.06 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 27.68 1.96 0.00 | 26.78 2.03 0.00 | 24.30 1.82 0.00 | 24.70 1.72 0.00 | 24.31 1.66 0.00 | 26.19 1.77 0.00 | 36.76 2.56 0.00 | 33.36 2.16 -6.33 | 64.07 1.83 -44.35 | 37.54 2.76 -12.67 | 37.62 3.93 -7.53 | 38.11 4.34 -4.46 | 33.18 4.08 0.00 | 31.42 4.08 0.00 | 39.77 4.21 -6.40 | 44.57 5.42 0.00 | 41.54 4.64 0.00 | 39.66 4.31 0.00 | 40.30 3.95 0.00 | 40.32 3.06 0.00 | 38.40 2.91 0.00 | 35.07 2.59 0.00 | 28.91 2.18 0.00 | 27.40 1.90 0.00 |
| SOUTHOLD___IC 23719 | 27.68 1.96 0.00 | 26.78 2.03 0.00 | 24.30 1.81 0.00 | 24.70 1.72 0.00 | 24.31 1.67 0.00 | 26.19 1.76 0.00 | 36.76 2.55 0.00 | 33.37 2.16 -6.33 | 64.07 1.83 -44.35 | 37.54 2.76 -12.67 | 37.62 3.93 -7.53 | 38.10 4.34 -4.46 | 33.18 4.08 0.00 | 31.42 4.08 0.00 | 39.77 4.21 -6.40 | 44.58 5.43 0.00 | 41.53 4.63 0.00 | 39.67 4.31 0.00 | 40.30 3.94 0.00 | 40.32 3.06 0.00 | 38.40 2.91 0.00 | 35.06 2.59 0.00 | 28.91 2.18 0.00 | 27.39 1.90 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 27.74 2.02 0.00 | 26.89 2.13 0.00 | 24.41 1.92 0.00 | 24.81 1.84 0.00 | 24.43 1.78 0.00 | 26.32 1.90 0.00 | 36.94 2.73 0.00 | 33.50 2.30 -6.33 | 64.16 1.93 -44.35 | 37.67 2.89 -12.67 | 37.77 4.08 -7.53 | 38.19 4.43 -4.46 | 33.25 4.15 0.00 | 31.46 4.13 0.00 | 39.75 4.19 -6.40 | 44.47 5.32 0.00 | 41.17 4.26 0.00 | 39.23 3.87 0.00 | 39.85 3.49 0.00 | 39.76 2.50 0.00 | 37.83 2.33 0.00 | 34.62 2.15 0.00 | 28.58 1.84 0.00 | 27.07 1.58 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 26.82 1.10 0.00 | 25.81 1.05 0.00 | 23.43 0.94 0.00 | 23.95 0.98 0.00 | 23.63 0.98 0.00 | 25.52 1.10 0.00 | 35.80 1.60 0.00 | 27.07 1.09 -1.10 | 26.52 0.91 -7.73 | 25.42 1.11 -2.21 | 28.41 1.04 -1.21 | 30.97 1.17 -0.50 | 30.19 1.09 0.00 | 28.30 0.96 0.00 | 31.38 1.10 -1.12 | 41.00 1.85 0.00 | 38.56 1.66 0.00 | 37.02 1.66 0.00 | 38.50 2.14 0.00 | 39.39 2.13 0.00 | 37.56 2.06 0.00 | 34.40 1.93 0.00 | 28.26 1.52 0.00 | 26.91 1.41 0.00 |
| ST LAWRENCE____ 23600 | 25.90 0.18 0.00 | 24.86 0.10 0.00 | 22.56 0.08 0.00 | 23.10 0.13 0.00 | 22.78 0.13 0.00 | 24.57 0.15 0.00 | 34.50 0.29 0.00 | 25.06 0.18 0.00 | 17.91 0.03 0.00 | 21.96 -0.15 0.00 | 26.00 -0.16 0.00 | 29.11 -0.19 0.00 | 28.85 -0.25 0.00 | 27.01 -0.33 0.00 | 28.73 -0.43 0.00 | 38.48 -0.67 0.00 | 36.25 -0.65 0.00 | 34.73 -0.62 0.00 | 35.93 -0.43 0.00 | 36.94 -0.33 0.00 | 35.24 -0.25 0.00 | 32.31 -0.16 0.00 | 26.56 -0.17 0.00 | 25.31 -0.19 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 26.00 0.28 0.00 | 25.07 0.31 0.00 | 22.82 0.33 0.00 | 23.32 0.34 0.00 | 23.01 0.35 0.00 | 24.72 0.30 0.00 | 34.50 0.29 0.00 | 26.38 0.33 -1.18 | 26.53 0.37 -8.28 | 25.01 0.53 -2.36 | 28.04 0.59 -1.29 | 30.45 0.61 -0.54 | 29.81 0.71 0.00 | 28.10 0.76 0.00 | 31.25 0.89 -1.20 | 40.50 1.35 0.00 | 38.20 1.29 0.00 | 36.51 1.15 0.00 | 37.44 1.08 0.00 | 38.22 0.95 0.00 | 36.37 0.87 0.00 | 33.31 0.84 0.00 | 27.39 0.66 0.00 | 26.09 0.60 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 25.70 -0.02 0.00 | 24.75 -0.01 0.00 | 22.43 -0.06 0.00 | 22.86 -0.12 0.00 | 22.51 -0.14 0.00 | 24.36 -0.07 0.00 | 34.24 0.03 0.00 | 24.76 -0.11 0.00 | 17.72 -0.17 0.00 | 22.07 -0.05 0.00 | 25.95 -0.21 0.00 | 29.12 -0.18 0.00 | 29.05 -0.05 0.00 | 27.28 -0.06 0.00 | 29.16 -0.01 0.00 | 39.11 -0.04 0.00 | 36.60 -0.30 0.00 | 35.15 -0.21 0.00 | 36.21 -0.15 0.00 | 37.25 -0.01 0.00 | 35.46 -0.04 0.00 | 32.38 -0.10 0.00 | 26.68 -0.05 0.00 | 25.56 0.06 0.00 |
| STATION_5_MISC_HYD 23604 | 25.39 -0.33 0.00 | 24.42 -0.33 0.00 | 22.17 -0.32 0.00 | 22.63 -0.35 0.00 | 22.33 -0.32 0.00 | 24.24 -0.18 0.00 | 33.96 -0.25 0.00 | 24.57 -0.30 0.00 | 17.59 -0.29 0.00 | 22.05 -0.06 0.00 | 25.96 -0.20 0.00 | 29.01 -0.30 0.00 | 28.81 -0.29 0.00 | 26.96 -0.38 0.00 | 28.73 -0.44 0.00 | 37.89 -0.90 0.37 | 34.64 -0.96 1.30 | 33.41 -0.77 1.18 | 35.26 -0.77 0.33 | 36.66 -0.60 0.00 | 34.90 -0.59 0.00 | 31.96 -0.52 0.00 | 26.41 -0.32 0.00 | 25.28 -0.21 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 25.36 -0.36 0.00 | 24.42 -0.34 0.00 | 22.16 -0.33 0.00 | 22.61 -0.37 0.00 | 22.29 -0.36 0.00 | 24.17 -0.25 0.00 | 33.90 -0.31 0.00 | 24.53 -0.34 0.00 | 17.56 -0.32 0.00 | 21.93 -0.18 0.00 | 25.83 -0.33 0.00 | 28.95 -0.36 0.00 | 28.76 -0.34 0.00 | 26.96 -0.37 0.00 | 28.79 -0.38 0.00 | 38.41 -0.74 0.00 | 36.01 -0.89 0.00 | 34.62 -0.73 0.00 | 35.71 -0.65 0.00 | 36.76 -0.50 0.00 | 35.01 -0.49 0.00 | 32.00 -0.47 0.00 | 26.43 -0.30 0.00 | 25.27 -0.22 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 25.25 -0.47 0.00 | 24.30 -0.46 0.00 | 22.05 -0.44 0.00 | 22.50 -0.48 0.00 | 22.21 -0.44 0.00 | 24.10 -0.33 0.00 | 33.76 -0.45 0.00 | 24.40 -0.47 0.00 | 17.48 -0.40 0.00 | 21.89 -0.22 0.00 | 25.78 -0.38 0.00 | 28.86 -0.44 0.00 | 28.68 -0.43 0.00 | 26.84 -0.50 0.00 | 28.61 -0.56 0.00 | 38.11 -1.04 0.00 | 35.79 -1.11 0.00 | 34.42 -0.94 0.00 | 35.45 -0.91 0.00 | 36.50 -0.76 0.00 | 34.75 -0.75 0.00 | 31.80 -0.67 0.00 | 26.27 -0.46 0.00 | 25.14 -0.36 0.00 |
| STA_56___34_KV_BUS2 355983 | 25.25 -0.47 0.00 | 24.30 -0.46 0.00 | 22.05 -0.44 0.00 | 22.50 -0.48 0.00 | 22.21 -0.44 0.00 | 24.10 -0.33 0.00 | 33.76 -0.45 0.00 | 24.40 -0.47 0.00 | 17.48 -0.40 0.00 | 21.89 -0.22 0.00 | 25.78 -0.38 0.00 | 28.86 -0.44 0.00 | 28.68 -0.43 0.00 | 26.84 -0.50 0.00 | 28.61 -0.56 0.00 | 38.11 -1.04 0.00 | 35.79 -1.11 0.00 | 34.42 -0.94 0.00 | 35.45 -0.91 0.00 | 36.50 -0.76 0.00 | 34.75 -0.75 0.00 | 31.80 -0.67 0.00 | 26.27 -0.46 0.00 | 25.14 -0.36 0.00 |
| STA_67___115KV_BK2 355882 | 25.34 -0.38 0.00 | 24.37 -0.38 0.00 | 22.12 -0.37 0.00 | 22.58 -0.39 0.00 | 22.28 -0.37 0.00 | 24.19 -0.23 0.00 | 33.89 -0.32 0.00 | 24.52 -0.35 0.00 | 17.55 -0.33 0.00 | 21.99 -0.13 0.00 | 25.89 -0.27 0.00 | 28.92 -0.38 0.00 | 28.73 -0.37 0.00 | 26.88 -0.45 0.00 | 28.64 -0.53 0.00 | 37.76 -1.01 0.38 | 34.47 -1.10 1.33 | 33.25 -0.90 1.21 | 35.13 -0.89 0.34 | 36.55 -0.71 0.00 | 34.80 -0.69 0.00 | 31.87 -0.61 0.00 | 26.34 -0.39 0.00 | 25.23 -0.27 0.00 |
| STA_7___115KV_9TRANS 80674 | 25.53 -0.19 0.00 | 24.55 -0.21 0.00 | 22.27 -0.22 0.00 | 22.73 -0.25 0.00 | 22.43 -0.22 0.00 | 24.35 -0.08 0.00 | 34.12 -0.09 0.00 | 24.69 -0.19 0.00 | 17.67 -0.21 0.00 | 22.15 0.03 0.00 | 26.09 -0.08 0.00 | 29.17 -0.13 0.00 | 28.99 -0.11 0.00 | 27.13 -0.21 0.00 | 28.91 -0.25 0.00 | 38.13 -0.66 0.37 | 34.86 -0.74 1.30 | 33.61 -0.56 1.18 | 35.49 -0.54 0.33 | 36.91 -0.36 0.00 | 35.12 -0.37 0.00 | 32.14 -0.34 0.00 | 26.55 -0.18 0.00 | 25.41 -0.09 0.00 |
| STA_82___115KV_TB1 80780 | 25.34 -0.38 0.00 | 24.38 -0.37 0.00 | 22.13 -0.35 0.00 | 22.59 -0.39 0.00 | 22.29 -0.36 0.00 | 24.19 -0.23 0.00 | 33.89 -0.32 0.00 | 24.50 -0.38 0.00 | 17.54 -0.35 0.00 | 21.96 -0.15 0.00 | 25.86 -0.31 0.00 | 28.92 -0.38 0.00 | 28.73 -0.37 0.00 | 26.88 -0.45 0.00 | 28.64 -0.52 0.00 | 38.14 -1.01 0.00 | 35.82 -1.08 0.00 | 34.46 -0.89 0.00 | 35.49 -0.87 0.00 | 36.57 -0.69 0.00 | 34.83 -0.67 0.00 | 31.88 -0.60 0.00 | 26.35 -0.38 0.00 | 25.23 -0.27 0.00 |
| STEEL___WIND 323596 | 24.99 -0.73 0.00 | 24.13 -0.63 0.00 | 21.92 -0.57 0.00 | 22.37 -0.61 0.00 | 22.02 -0.63 0.00 | 23.97 -0.45 0.00 | 33.58 -0.63 0.00 | 24.19 -0.68 0.00 | 17.30 -0.58 0.00 | 21.79 -0.32 0.00 | 25.55 -0.61 0.00 | 28.45 -0.85 0.00 | 28.20 -0.90 0.00 | 26.24 -1.09 0.00 | 26.43 -1.28 1.46 | 33.99 -2.25 2.91 | 24.58 -2.13 10.19 | 24.18 -1.87 9.31 | 31.85 -1.90 2.61 | 35.64 -1.62 0.00 | 33.92 -1.57 0.00 | 31.15 -1.33 0.00 | 25.90 -0.83 0.00 | 24.91 -0.58 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 25.99 0.27 0.00 | 25.11 0.35 0.00 | 22.86 0.37 0.00 | 23.33 0.35 0.00 | 23.01 0.36 0.00 | 24.78 0.36 0.00 | 34.65 0.44 0.00 | 26.46 0.39 -1.19 | 26.73 0.47 -8.37 | 25.19 0.69 -2.39 | 28.27 0.81 -1.31 | 30.66 0.81 -0.54 | 30.01 0.91 0.00 | 28.30 0.96 0.00 | 31.48 1.10 -1.21 | 40.80 1.65 0.00 | 38.54 1.64 0.00 | 36.86 1.51 0.00 | 37.84 1.48 0.00 | 38.61 1.35 0.00 | 36.75 1.25 0.00 | 33.64 1.17 0.00 | 27.63 0.90 0.00 | 26.31 0.81 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.33 -0.39 0.00 | 24.64 -0.11 0.00 | 22.33 -0.16 0.00 | 22.62 -0.36 0.00 | 21.99 -0.66 0.00 | 23.97 -0.45 0.00 | 33.86 -0.35 0.00 | 24.39 -0.48 0.00 | 17.48 -0.41 0.00 | 21.58 -0.53 0.00 | 25.45 -0.71 0.00 | 28.55 -0.75 0.00 | 28.08 -1.02 0.00 | 25.93 -1.41 0.00 | 31.11 -1.23 -3.17 | 43.22 -1.88 -5.95 | 55.65 -1.90 -20.65 | 52.71 -1.61 -18.96 | 40.40 -1.29 -5.34 | 36.01 -1.26 0.00 | 34.41 -1.08 0.00 | 31.43 -1.05 0.00 | 25.99 -0.74 0.00 | 25.03 -0.46 0.00 |
| STILLWATER___SOLAR 323814 | 26.73 1.01 0.00 | 25.75 0.99 0.00 | 23.41 0.92 0.00 | 23.91 0.93 0.00 | 23.59 0.94 0.00 | 25.43 1.01 0.00 | 35.65 1.45 0.00 | 27.04 1.03 -1.14 | 26.72 0.84 -8.00 | 25.45 1.05 -2.28 | 28.52 1.11 -1.25 | 31.03 1.21 -0.52 | 30.28 1.18 0.00 | 28.48 1.15 0.00 | 31.61 1.29 -1.15 | 41.17 2.02 0.00 | 38.78 1.88 0.00 | 37.19 1.83 0.00 | 38.42 2.06 0.00 | 39.31 2.04 0.00 | 37.43 1.94 0.00 | 34.27 1.80 0.00 | 28.15 1.42 0.00 | 26.83 1.33 0.00 |
| STONY___BROOK 24151 | 26.95 1.23 0.00 | 26.01 1.26 0.00 | 23.58 1.10 0.00 | 23.98 1.00 0.00 | 23.61 0.96 0.00 | 25.39 0.97 0.00 | 35.62 1.41 0.00 | 32.49 1.29 -6.33 | 63.41 1.17 -44.35 | 36.63 1.85 -12.67 | 36.46 2.77 -7.53 | 36.91 3.14 -4.46 | 32.01 2.90 0.00 | 30.34 3.01 0.00 | 38.76 3.20 -6.40 | 43.38 4.23 0.00 | 40.97 4.08 0.00 | 39.24 3.89 0.00 | 39.91 3.55 0.00 | 40.22 2.96 0.00 | 38.51 3.01 0.00 | 35.07 2.59 0.00 | 28.91 2.18 0.00 | 27.52 2.03 0.00 |
| STURGEON_POOL_HYD 23609 | 26.38 0.66 0.00 | 25.43 0.68 0.00 | 23.11 0.62 0.00 | 23.53 0.55 0.00 | 23.20 0.55 0.00 | 24.93 0.50 0.00 | 34.94 0.73 0.00 | 24.84 0.69 0.73 | 13.48 0.70 5.11 | 21.83 1.18 1.46 | 26.89 1.53 0.80 | 30.70 1.73 0.33 | 30.88 1.77 0.00 | 29.14 1.81 0.00 | 30.46 2.03 0.74 | 42.01 2.86 0.00 | 39.74 2.84 0.00 | 38.02 2.66 0.00 | 38.65 2.29 0.00 | 39.35 2.08 0.00 | 37.38 1.89 0.00 | 34.13 1.66 0.00 | 28.09 1.35 0.00 | 26.75 1.26 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 25.94 0.22 0.00 | 24.89 0.13 0.00 | 22.58 0.09 0.00 | 23.12 0.14 0.00 | 22.80 0.15 0.00 | 24.60 0.18 0.00 | 34.54 0.34 0.00 | 25.08 0.21 0.00 | 17.92 0.04 0.00 | 21.95 -0.16 0.00 | 26.00 -0.16 0.00 | 29.10 -0.20 0.00 | 28.84 -0.26 0.00 | 26.98 -0.35 0.00 | 28.70 -0.47 0.00 | 38.43 -0.72 0.00 | 36.20 -0.69 0.00 | 34.69 -0.66 0.00 | 35.91 -0.45 0.00 | 36.93 -0.33 0.00 | 35.24 -0.26 0.00 | 32.32 -0.16 0.00 | 26.57 -0.17 0.00 | 25.32 -0.18 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 25.94 0.22 0.00 | 24.89 0.13 0.00 | 22.58 0.09 0.00 | 23.12 0.14 0.00 | 22.80 0.15 0.00 | 24.60 0.18 0.00 | 34.54 0.34 0.00 | 25.08 0.21 0.00 | 17.92 0.04 0.00 | 21.95 -0.16 0.00 | 26.00 -0.16 0.00 | 29.10 -0.20 0.00 | 28.84 -0.26 0.00 | 26.98 -0.35 0.00 | 28.70 -0.47 0.00 | 38.43 -0.72 0.00 | 36.20 -0.69 0.00 | 34.69 -0.66 0.00 | 35.91 -0.45 0.00 | 36.93 -0.33 0.00 | 35.24 -0.26 0.00 | 32.32 -0.16 0.00 | 26.57 -0.17 0.00 | 25.32 -0.18 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 25.90 0.18 0.00 | 24.86 0.10 0.00 | 22.56 0.08 0.00 | 23.10 0.13 0.00 | 22.78 0.13 0.00 | 24.57 0.15 0.00 | 34.50 0.29 0.00 | 25.06 0.18 0.00 | 17.91 0.03 0.00 | 21.96 -0.15 0.00 | 26.00 -0.16 0.00 | 29.11 -0.19 0.00 | 28.85 -0.25 0.00 | 27.01 -0.33 0.00 | 28.73 -0.43 0.00 | 38.48 -0.67 0.00 | 36.25 -0.65 0.00 | 34.73 -0.62 0.00 | 35.93 -0.43 0.00 | 36.94 -0.33 0.00 | 35.24 -0.25 0.00 | 32.31 -0.16 0.00 | 26.56 -0.17 0.00 | 25.31 -0.19 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 25.90 0.18 0.00 | 24.86 0.10 0.00 | 22.56 0.08 0.00 | 23.10 0.13 0.00 | 22.78 0.13 0.00 | 24.57 0.15 0.00 | 34.50 0.29 0.00 | 25.06 0.18 0.00 | 17.91 0.03 0.00 | 21.96 -0.15 0.00 | 26.00 -0.16 0.00 | 29.11 -0.19 0.00 | 28.85 -0.25 0.00 | 27.01 -0.33 0.00 | 28.73 -0.43 0.00 | 38.48 -0.67 0.00 | 36.25 -0.65 0.00 | 34.73 -0.62 0.00 | 35.93 -0.43 0.00 | 36.94 -0.33 0.00 | 35.24 -0.25 0.00 | 32.31 -0.16 0.00 | 26.56 -0.17 0.00 | 25.31 -0.19 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 26.38 0.66 0.00 | 25.42 0.67 0.00 | 23.08 0.60 0.00 | 23.50 0.52 0.00 | 23.17 0.52 0.00 | 24.92 0.50 0.00 | 34.90 0.69 0.00 | 18.28 0.64 7.24 | -32.20 0.66 50.74 | 8.73 1.11 14.49 | 19.69 1.44 7.91 | 27.64 1.62 3.28 | 30.78 1.67 0.00 | 29.03 1.70 0.00 | 23.74 1.89 7.32 | 41.82 2.67 0.00 | 39.57 2.67 0.00 | 37.83 2.47 0.00 | 38.45 2.10 0.00 | 39.18 1.92 0.00 | 37.24 1.74 0.00 | 33.99 1.52 0.00 | 27.98 1.25 0.00 | 26.67 1.18 0.00 |
| SWANROAD_115KV_TB1 355699 | 24.60 -1.11 0.00 | 23.69 -1.07 0.00 | 21.53 -0.95 0.00 | 21.99 -0.99 0.00 | 21.71 -0.94 0.00 | 23.64 -0.78 0.00 | 33.04 -1.16 0.00 | 23.65 -1.22 0.00 | 16.89 -0.99 0.00 | 21.28 -0.83 0.00 | 24.96 -1.20 0.00 | 27.77 -1.53 0.00 | 27.53 -1.57 0.00 | 25.63 -1.71 0.00 | 26.15 -1.91 1.10 | 33.82 -3.10 2.23 | 26.12 -3.00 7.79 | 25.68 -2.56 7.12 | 31.59 -2.78 2.00 | 34.70 -2.56 0.00 | 33.10 -2.40 0.00 | 30.45 -2.03 0.00 | 25.37 -1.37 0.00 | 24.52 -0.97 0.00 |
| SYNERGY___BIOGAS 323694 | 25.64 -0.08 0.00 | 24.66 -0.10 0.00 | 22.39 -0.10 0.00 | 22.85 -0.13 0.00 | 22.56 -0.08 0.00 | 24.58 0.16 0.00 | 34.48 0.27 0.00 | 24.82 -0.05 0.00 | 17.65 -0.23 0.00 | 22.09 -0.02 0.00 | 25.91 -0.25 0.00 | 29.00 -0.30 0.00 | 28.77 -0.33 0.00 | 26.81 -0.53 0.00 | 27.93 -0.54 0.69 | 36.63 -1.09 1.42 | 30.65 -1.26 4.99 | 30.02 -0.79 4.56 | 34.25 -0.83 1.28 | 36.82 -0.44 0.00 | 35.12 -0.37 0.00 | 32.17 -0.30 0.00 | 26.65 -0.08 0.00 | 25.59 0.09 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 25.49 -0.23 0.00 | 24.55 -0.21 0.00 | 22.27 -0.21 0.00 | 22.74 -0.24 0.00 | 22.40 -0.25 0.00 | 24.20 -0.22 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.66 -0.22 0.00 | 21.95 -0.16 0.00 | 25.91 -0.25 0.00 | 29.06 -0.24 0.00 | 28.89 -0.21 0.00 | 27.15 -0.19 0.00 | 28.99 -0.17 0.00 | 38.89 -0.25 0.00 | 36.54 -0.36 0.00 | 35.09 -0.27 0.00 | 36.08 -0.27 0.00 | 37.05 -0.21 0.00 | 35.27 -0.23 0.00 | 32.21 -0.27 0.00 | 26.54 -0.19 0.00 | 25.35 -0.15 0.00 |
| SYRACUSE___POWER 24017 | 25.48 -0.24 0.00 | 24.55 -0.20 0.00 | 22.28 -0.21 0.00 | 22.74 -0.23 0.00 | 22.40 -0.25 0.00 | 24.21 -0.21 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.67 -0.21 0.00 | 21.96 -0.15 0.00 | 25.93 -0.23 0.00 | 29.08 -0.22 0.00 | 28.91 -0.19 0.00 | 27.17 -0.17 0.00 | 29.00 -0.17 0.00 | 38.91 -0.24 0.00 | 36.56 -0.34 0.00 | 35.09 -0.27 0.00 | 36.11 -0.25 0.00 | 37.08 -0.18 0.00 | 35.30 -0.20 0.00 | 32.23 -0.24 0.00 | 26.58 -0.16 0.00 | 25.35 -0.14 0.00 |
| TALLMAN__138KV_BK151 55660 | 26.53 0.81 0.00 | 25.56 0.81 0.00 | 23.21 0.72 0.00 | 23.61 0.63 0.00 | 23.29 0.64 0.00 | 25.02 0.60 0.00 | 35.07 0.86 0.00 | 16.77 0.78 8.89 | -43.64 0.77 62.29 | 5.62 1.30 17.79 | 18.18 1.73 9.71 | 27.25 1.98 4.03 | 31.15 2.04 0.00 | 29.39 2.05 0.00 | 22.45 2.27 8.99 | 42.36 3.21 0.00 | 40.08 3.18 0.00 | 38.27 2.92 0.00 | 38.82 2.47 0.00 | 39.50 2.24 0.00 | 37.52 2.03 0.00 | 34.26 1.78 0.00 | 28.20 1.47 0.00 | 26.88 1.39 0.00 |
| TEALLAVE_115KV_TB7 355573 | 25.35 -0.37 0.00 | 24.42 -0.33 0.00 | 22.17 -0.32 0.00 | 22.63 -0.35 0.00 | 22.30 -0.35 0.00 | 24.10 -0.32 0.00 | 33.73 -0.48 0.00 | 24.49 -0.39 0.00 | 17.59 -0.29 0.00 | 21.88 -0.24 0.00 | 25.84 -0.33 0.00 | 28.97 -0.34 0.00 | 28.78 -0.32 0.00 | 27.04 -0.29 0.00 | 28.87 -0.30 0.00 | 38.69 -0.47 0.00 | 36.37 -0.53 0.00 | 34.92 -0.44 0.00 | 35.90 -0.46 0.00 | 36.85 -0.42 0.00 | 35.08 -0.41 0.00 | 32.04 -0.44 0.00 | 26.43 -0.30 0.00 | 25.22 -0.27 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 25.13 -0.59 0.00 | 24.19 -0.57 0.00 | 21.97 -0.52 0.00 | 22.43 -0.55 0.00 | 22.14 -0.51 0.00 | 24.11 -0.31 0.00 | 33.76 -0.45 0.00 | 24.23 -0.64 0.00 | 17.28 -0.60 0.00 | 21.72 -0.40 0.00 | 25.48 -0.68 0.00 | 28.45 -0.85 0.00 | 28.20 -0.90 0.00 | 26.29 -1.04 0.00 | 27.08 -1.17 0.91 | 35.27 -2.03 1.85 | 28.38 -2.06 6.46 | 27.82 -1.64 5.90 | 32.96 -1.74 1.65 | 35.79 -1.48 0.00 | 34.12 -1.37 0.00 | 31.32 -1.15 0.00 | 26.02 -0.71 0.00 | 25.06 -0.43 0.00 |
| TEMPLE___115KV_TB 2 55572 | 25.36 -0.36 0.00 | 24.43 -0.33 0.00 | 22.17 -0.32 0.00 | 22.64 -0.34 0.00 | 22.31 -0.34 0.00 | 24.10 -0.32 0.00 | 33.74 -0.47 0.00 | 24.49 -0.38 0.00 | 17.59 -0.29 0.00 | 21.89 -0.23 0.00 | 25.85 -0.31 0.00 | 28.99 -0.31 0.00 | 28.80 -0.30 0.00 | 27.07 -0.27 0.00 | 28.89 -0.28 0.00 | 38.72 -0.43 0.00 | 36.40 -0.50 0.00 | 34.93 -0.42 0.00 | 35.92 -0.44 0.00 | 36.86 -0.40 0.00 | 35.09 -0.40 0.00 | 32.06 -0.42 0.00 | 26.44 -0.29 0.00 | 25.23 -0.27 0.00 |
| TIANA____69_KV_BK 1 55817 | 27.05 1.33 0.00 | 26.12 1.37 0.00 | 23.69 1.20 0.00 | 24.08 1.10 0.00 | 23.70 1.05 0.00 | 25.50 1.07 0.00 | 35.76 1.55 0.00 | 32.61 1.41 -6.33 | 63.51 1.27 -44.35 | 36.79 2.02 -12.67 | 36.69 3.00 -7.53 | 37.17 3.41 -4.46 | 32.26 3.16 0.00 | 30.58 3.24 0.00 | 39.00 3.43 -6.40 | 43.64 4.49 0.00 | 41.06 4.16 0.00 | 39.31 3.95 0.00 | 39.98 3.62 0.00 | 40.20 2.94 0.00 | 38.41 2.91 0.00 | 34.99 2.51 0.00 | 28.83 2.10 0.00 | 27.39 1.90 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 25.48 -0.24 0.00 | 24.55 -0.20 0.00 | 22.28 -0.21 0.00 | 22.74 -0.23 0.00 | 22.40 -0.25 0.00 | 24.21 -0.21 0.00 | 33.91 -0.30 0.00 | 24.61 -0.26 0.00 | 17.67 -0.21 0.00 | 21.96 -0.15 0.00 | 25.93 -0.23 0.00 | 29.08 -0.22 0.00 | 28.91 -0.19 0.00 | 27.17 -0.17 0.00 | 29.00 -0.17 0.00 | 38.91 -0.24 0.00 | 36.56 -0.34 0.00 | 35.09 -0.27 0.00 | 36.11 -0.25 0.00 | 37.08 -0.18 0.00 | 35.30 -0.20 0.00 | 32.23 -0.24 0.00 | 26.58 -0.16 0.00 | 25.35 -0.14 0.00 |
| TRIGEN___CC 323695 | 26.81 1.09 0.00 | 25.85 1.09 0.00 | 23.45 0.96 0.00 | 23.87 0.89 0.00 | 23.52 0.87 0.00 | 25.29 0.86 0.00 | 35.46 1.25 0.00 | 32.33 1.12 -6.33 | 63.26 1.03 -44.35 | 36.43 1.65 -12.67 | 36.03 2.34 -7.53 | 36.39 2.63 -4.46 | 31.64 2.54 0.00 | 29.95 2.62 0.00 | 38.37 2.81 -6.40 | 43.01 3.86 0.00 | 40.71 3.81 0.00 | 38.95 3.59 0.00 | 39.48 3.12 0.00 | 39.99 2.72 0.00 | 38.15 2.65 0.00 | 34.82 2.34 0.00 | 28.68 1.94 0.00 | 27.32 1.82 0.00 |
| TRINITY__115KV__4 BK 55933 | 25.89 0.17 0.00 | 24.96 0.21 0.00 | 22.73 0.24 0.00 | 23.23 0.26 0.00 | 22.92 0.27 0.00 | 24.62 0.19 0.00 | 34.35 0.14 0.00 | 26.28 0.21 -1.20 | 26.58 0.28 -8.42 | 24.95 0.43 -2.40 | 27.96 0.48 -1.31 | 30.32 0.47 -0.54 | 29.67 0.57 0.00 | 27.96 0.63 0.00 | 31.12 0.73 -1.22 | 40.29 1.14 0.00 | 37.99 1.09 0.00 | 36.31 0.95 0.00 | 37.23 0.87 0.00 | 38.01 0.74 0.00 | 36.18 0.69 0.00 | 33.16 0.68 0.00 | 27.27 0.54 0.00 | 25.99 0.50 0.00 |
| UNION___PROCESSING_DRP 323587 | 25.35 -0.37 0.00 | 24.38 -0.37 0.00 | 22.14 -0.35 0.00 | 22.59 -0.38 0.00 | 22.30 -0.35 0.00 | 24.19 -0.23 0.00 | 33.90 -0.31 0.00 | 24.51 -0.36 0.00 | 17.54 -0.34 0.00 | 21.97 -0.14 0.00 | 25.86 -0.30 0.00 | 28.93 -0.37 0.00 | 28.74 -0.37 0.00 | 26.89 -0.45 0.00 | 28.65 -0.52 0.00 | 38.15 -1.00 0.00 | 35.83 -1.07 0.00 | 34.48 -0.88 0.00 | 35.50 -0.86 0.00 | 36.58 -0.69 0.00 | 34.84 -0.66 0.00 | 31.89 -0.59 0.00 | 26.37 -0.37 0.00 | 25.24 -0.26 0.00 |
| UPPER HUDSON___HYD 24058 | 26.81 1.10 0.00 | 25.81 1.05 0.00 | 23.43 0.94 0.00 | 23.95 0.98 0.00 | 23.63 0.98 0.00 | 25.52 1.10 0.00 | 35.80 1.60 0.00 | 27.07 1.09 -1.10 | 26.52 0.91 -7.73 | 25.43 1.11 -2.21 | 28.41 1.05 -1.21 | 30.97 1.17 -0.50 | 30.19 1.09 0.00 | 28.30 0.97 0.00 | 31.38 1.10 -1.12 | 41.00 1.85 0.00 | 38.56 1.66 0.00 | 37.02 1.66 0.00 | 38.50 2.14 0.00 | 39.39 2.13 0.00 | 37.55 2.06 0.00 | 34.40 1.93 0.00 | 28.26 1.52 0.00 | 26.91 1.41 0.00 |
| UPPER RAQUET___HYD 24056 | 26.52 0.80 0.00 | 25.43 0.67 0.00 | 22.88 0.39 0.00 | 23.43 0.46 0.00 | 23.25 0.60 0.00 | 25.07 0.64 0.00 | 35.20 0.99 0.00 | 25.50 0.62 0.00 | 18.14 0.26 0.00 | 22.24 0.12 0.00 | 26.31 0.15 0.00 | 29.34 0.04 0.00 | 28.83 -0.27 0.00 | 26.81 -0.52 0.00 | 28.47 -0.70 0.00 | 37.99 -1.16 0.00 | 35.82 -1.08 0.00 | 34.30 -1.06 0.00 | 35.84 -0.52 0.00 | 37.10 -0.16 0.00 | 35.53 0.03 0.00 | 32.57 0.09 0.00 | 26.94 0.21 0.00 | 25.71 0.22 0.00 |
| VALLEY44_115KV_TB2 355964 | 24.97 -0.75 0.00 | 24.14 -0.62 0.00 | 21.88 -0.61 0.00 | 22.30 -0.67 0.00 | 21.97 -0.67 0.00 | 23.89 -0.53 0.00 | 33.60 -0.60 0.00 | 24.31 -0.57 0.00 | 17.36 -0.51 0.00 | 21.89 -0.22 0.00 | 25.65 -0.50 0.00 | 28.70 -0.60 0.00 | 28.47 -0.63 0.00 | 26.63 -0.71 0.00 | 27.70 -0.90 0.57 | 36.17 -1.68 1.30 | 30.77 -1.58 4.55 | 29.41 -1.71 4.24 | 33.29 -1.88 1.18 | 35.78 -1.49 0.00 | 34.06 -1.44 0.00 | 31.25 -1.23 0.00 | 26.01 -0.72 0.00 | 24.95 -0.55 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 26.14 0.42 0.00 | 25.23 0.47 0.00 | 22.93 0.45 0.00 | 23.40 0.43 0.00 | 23.09 0.44 0.00 | 24.88 0.46 0.00 | 34.84 0.63 0.00 | 25.38 0.51 0.00 | 18.27 0.39 0.00 | 22.46 0.35 0.00 | 26.49 0.33 0.00 | 29.71 0.41 0.00 | 29.50 0.40 0.00 | 27.80 0.47 0.00 | 29.65 0.49 0.00 | 40.02 0.87 0.00 | 37.91 1.01 0.00 | 36.24 0.88 0.00 | 37.63 1.27 0.00 | 38.56 1.29 0.00 | 36.69 1.20 0.00 | 33.56 1.08 0.00 | 27.52 0.79 0.00 | 26.18 0.68 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.32 0.60 0.00 | 25.38 0.62 0.00 | 23.03 0.54 0.00 | 23.49 0.51 0.00 | 23.17 0.52 0.00 | 25.00 0.58 0.00 | 35.05 0.84 0.00 | 24.75 0.65 0.78 | 12.95 0.51 5.45 | 21.34 0.78 1.56 | 26.23 0.91 0.85 | 29.97 1.02 0.35 | 30.16 1.05 0.00 | 28.36 1.02 0.00 | 29.50 1.12 0.79 | 40.66 1.51 0.00 | 38.43 1.54 0.00 | 36.89 1.54 0.00 | 37.87 1.51 0.00 | 38.78 1.52 0.00 | 36.88 1.39 0.00 | 33.66 1.18 0.00 | 27.65 0.92 0.00 | 26.36 0.87 0.00 |
| VISCHER___FERRY HYD 24020 | 26.38 0.67 0.00 | 25.44 0.68 0.00 | 23.14 0.65 0.00 | 23.65 0.67 0.00 | 23.34 0.69 0.00 | 25.12 0.70 0.00 | 35.15 0.94 0.00 | 26.81 0.69 -1.25 | 27.24 0.62 -8.74 | 25.44 0.83 -2.49 | 28.46 0.94 -1.36 | 30.87 1.00 -0.57 | 30.14 1.04 0.00 | 28.37 1.03 0.00 | 31.60 1.17 -1.26 | 40.98 1.83 0.00 | 38.57 1.67 0.00 | 36.91 1.55 0.00 | 37.94 1.58 0.00 | 38.77 1.51 0.00 | 36.92 1.43 0.00 | 33.86 1.39 0.00 | 27.82 1.09 0.00 | 26.53 1.04 0.00 |
| V_A_10_SYNC_DSASP 323832 | 24.92 -0.80 0.00 | 24.00 -0.76 0.00 | 21.80 -0.68 0.00 | 22.26 -0.72 0.00 | 21.97 -0.68 0.00 | 23.87 -0.55 0.00 | 33.40 -0.81 0.00 | 24.01 -0.86 0.00 | 17.17 -0.71 0.00 | 21.59 -0.52 0.00 | 25.37 -0.79 0.00 | 28.34 -0.96 0.00 | 28.16 -0.95 0.00 | 26.29 -1.05 0.00 | 27.20 -1.25 0.72 | 35.54 -2.12 1.49 | 29.56 -2.13 5.20 | 28.71 -1.89 4.75 | 33.11 -1.92 1.33 | 35.57 -1.69 0.00 | 33.87 -1.62 0.00 | 31.11 -1.37 0.00 | 25.83 -0.90 0.00 | 24.82 -0.67 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 26.07 0.35 0.00 | 25.02 0.26 0.00 | 22.69 0.20 0.00 | 23.24 0.26 0.00 | 22.92 0.27 0.00 | 24.73 0.31 0.00 | 34.72 0.51 0.00 | 25.21 0.33 0.00 | 18.01 0.13 0.00 | 21.98 -0.13 0.00 | 26.12 -0.04 0.00 | 29.25 -0.06 0.00 | 28.98 -0.12 0.00 | 27.12 -0.22 0.00 | 28.84 -0.32 0.00 | 38.62 -0.54 0.00 | 36.38 -0.52 0.00 | 34.87 -0.49 0.00 | 36.09 -0.27 0.00 | 37.12 -0.14 0.00 | 35.42 -0.08 0.00 | 32.48 0.01 0.00 | 26.70 -0.03 0.00 | 25.45 -0.05 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 26.26 0.54 0.00 | 25.13 0.38 0.00 | 22.93 0.44 0.00 | 23.54 0.56 0.00 | 23.18 0.53 0.00 | 25.00 0.58 0.00 | 35.19 0.98 0.00 | 25.59 0.71 0.00 | 18.30 0.42 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.48 0.18 0.00 | 29.27 0.17 0.00 | 27.37 0.03 0.00 | 29.04 -0.13 0.00 | 38.74 -0.41 0.00 | 36.54 -0.36 0.00 | 34.74 -0.62 0.00 | 36.11 -0.25 0.00 | 37.29 0.02 0.00 | 35.55 0.05 0.00 | 32.76 0.28 0.00 | 26.72 -0.01 0.00 | 25.40 -0.10 0.00 |
| V_D_10_SYNC_DSASP 323841 | 26.32 0.60 0.00 | 25.25 0.49 0.00 | 22.81 0.32 0.00 | 23.36 0.38 0.00 | 23.12 0.48 0.00 | 24.95 0.53 0.00 | 35.03 0.82 0.00 | 25.42 0.55 0.00 | 18.14 0.26 0.00 | 22.23 0.12 0.00 | 26.32 0.16 0.00 | 29.44 0.13 0.00 | 29.15 0.05 0.00 | 27.25 -0.09 0.00 | 28.97 -0.20 0.00 | 38.77 -0.39 0.00 | 36.51 -0.39 0.00 | 35.01 -0.35 0.00 | 36.31 -0.05 0.00 | 37.38 0.11 0.00 | 35.69 0.20 0.00 | 32.73 0.25 0.00 | 26.93 0.19 0.00 | 25.66 0.17 0.00 |
| V_E_10_SYNC_DSASP 323830 | 27.53 1.82 0.00 | 26.74 1.98 0.00 | 24.20 1.71 0.00 | 24.74 1.76 0.00 | 24.33 1.68 0.00 | 26.41 1.99 0.00 | 37.14 2.93 0.00 | 25.92 2.19 1.14 | 11.35 1.48 8.02 | 21.67 1.85 2.29 | 26.76 1.85 1.25 | 30.86 2.08 0.52 | 31.26 2.16 0.00 | 29.30 1.96 0.00 | 30.24 2.22 1.16 | 42.04 2.89 0.00 | 39.36 2.46 0.00 | 38.47 3.11 0.00 | 39.74 3.38 0.00 | 41.07 3.81 0.00 | 38.88 3.38 0.00 | 35.11 2.64 0.00 | 28.60 1.86 0.00 | 27.45 1.96 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| V_F_30_NSYNC___DSASP 323816 | 26.75 1.03 0.00 | 25.77 1.01 0.00 | 23.42 0.93 0.00 | 23.92 0.95 0.00 | 23.60 0.95 0.00 | 25.45 1.03 0.00 | 35.68 1.48 0.00 | 27.05 1.05 -1.12 | 26.61 0.85 -7.88 | 25.43 1.07 -2.25 | 28.53 1.15 -1.23 | 31.07 1.26 -0.51 | 30.34 1.24 0.00 | 28.53 1.20 0.00 | 31.65 1.35 -1.14 | 41.23 2.07 0.00 | 38.85 1.95 0.00 | 37.25 1.89 0.00 | 38.46 2.10 0.00 | 39.35 2.08 0.00 | 37.47 1.97 0.00 | 34.30 1.82 0.00 | 28.17 1.44 0.00 | 26.85 1.35 0.00 |
| V_F_30_SYNC_DSASP 323786 | 26.00 0.28 0.00 | 25.07 0.31 0.00 | 22.82 0.33 0.00 | 23.32 0.34 0.00 | 23.00 0.35 0.00 | 24.72 0.29 0.00 | 34.50 0.29 0.00 | 26.38 0.32 -1.18 | 26.53 0.36 -8.29 | 25.01 0.53 -2.37 | 28.04 0.59 -1.29 | 30.45 0.61 -0.54 | 29.81 0.71 0.00 | 28.10 0.76 0.00 | 31.25 0.89 -1.20 | 40.49 1.34 0.00 | 38.19 1.29 0.00 | 36.50 1.15 0.00 | 37.44 1.08 0.00 | 38.22 0.95 0.00 | 36.37 0.87 0.00 | 33.30 0.83 0.00 | 27.38 0.65 0.00 | 26.09 0.59 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 26.26 0.54 0.00 | 25.13 0.38 0.00 | 22.93 0.44 0.00 | 23.54 0.56 0.00 | 23.18 0.53 0.00 | 25.00 0.58 0.00 | 35.19 0.98 0.00 | 25.59 0.71 0.00 | 18.30 0.42 0.00 | 22.39 0.28 0.00 | 26.32 0.16 0.00 | 29.48 0.18 0.00 | 29.27 0.17 0.00 | 27.37 0.03 0.00 | 29.04 -0.13 0.00 | 38.74 -0.41 0.00 | 36.54 -0.36 0.00 | 34.74 -0.62 0.00 | 36.11 -0.25 0.00 | 37.29 0.02 0.00 | 35.55 0.05 0.00 | 32.76 0.28 0.00 | 26.72 -0.01 0.00 | 25.40 -0.10 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 27.17 1.45 0.00 | 26.20 1.45 0.00 | 23.75 1.27 0.00 | 24.16 1.18 0.00 | 23.78 1.13 0.00 | 25.58 1.16 0.00 | 35.89 1.68 0.00 | 32.69 1.49 -6.33 | 63.52 1.29 -44.35 | 36.78 2.00 -12.67 | 36.61 2.92 -7.53 | 37.03 3.26 -4.46 | 32.20 3.09 0.00 | 30.52 3.18 0.00 | 38.96 3.39 -6.40 | 43.72 4.57 0.00 | 41.39 4.49 0.00 | 39.68 4.32 0.00 | 40.32 3.96 0.00 | 40.70 3.43 0.00 | 38.90 3.40 0.00 | 35.42 2.94 0.00 | 29.17 2.43 0.00 | 27.77 2.27 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 26.69 0.97 0.00 | 25.72 0.97 0.00 | 23.36 0.87 0.00 | 23.77 0.79 0.00 | 23.44 0.79 0.00 | 25.18 0.76 0.00 | 35.30 1.09 0.00 | 16.41 0.96 9.42 | -47.25 0.91 66.05 | 4.72 1.47 18.86 | 17.80 1.93 10.29 | 27.24 2.21 4.27 | 31.38 2.28 0.00 | 29.62 2.28 0.00 | 22.16 2.53 9.53 | 42.71 3.56 0.00 | 40.42 3.52 0.00 | 38.60 3.24 0.00 | 39.15 2.79 0.00 | 39.82 2.55 0.00 | 37.82 2.33 0.00 | 34.52 2.04 0.00 | 28.41 1.68 0.00 | 27.07 1.58 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 26.81 1.10 0.00 | 25.83 1.08 0.00 | 23.47 0.99 0.00 | 23.86 0.89 0.00 | 23.54 0.89 0.00 | 25.29 0.87 0.00 | 35.49 1.28 0.00 | 32.40 1.16 -6.36 | 63.56 1.08 -44.59 | 36.57 1.72 -12.73 | 35.35 2.25 -6.95 | 34.80 2.61 -2.89 | 31.74 2.64 0.00 | 29.98 2.64 0.00 | 38.50 2.90 -6.43 | 43.14 3.99 0.00 | 40.84 3.94 0.00 | 38.95 3.60 0.00 | 39.43 3.08 0.00 | 40.07 2.81 0.00 | 38.09 2.60 0.00 | 34.81 2.33 0.00 | 28.66 1.92 0.00 | 27.29 1.79 0.00 |
| W50THST__13_KV_LOAD 356117 | 26.95 1.23 0.00 | 25.96 1.21 0.00 | 23.59 1.10 0.00 | 23.99 1.01 0.00 | 23.66 1.02 0.00 | 25.44 1.02 0.00 | 35.72 1.52 0.00 | 32.59 1.36 -6.36 | 63.71 1.23 -44.59 | 36.77 1.93 -12.73 | 35.60 2.49 -6.95 | 35.09 2.90 -2.89 | 32.02 2.92 0.00 | 30.25 2.91 0.00 | 38.78 3.18 -6.43 | 43.50 4.35 0.00 | 41.18 4.28 0.00 | 39.27 3.91 0.00 | 39.72 3.36 0.00 | 40.33 3.06 0.00 | 38.33 2.83 0.00 | 35.02 2.54 0.00 | 28.82 2.09 0.00 | 27.43 1.93 0.00 |
| WADING RIVER_IC_1 23522 | 26.65 0.92 0.00 | 25.72 0.97 0.00 | 23.34 0.85 0.00 | 23.72 0.74 0.00 | 23.35 0.70 0.00 | 25.11 0.68 0.00 | 35.20 0.99 0.00 | 32.19 0.99 -6.33 | 63.19 0.96 -44.35 | 36.36 1.58 -12.67 | 36.16 2.47 -7.53 | 36.57 2.81 -4.46 | 31.67 2.56 0.00 | 30.03 2.70 0.00 | 38.43 2.86 -6.40 | 42.90 3.76 0.00 | 40.43 3.53 0.00 | 38.74 3.39 0.00 | 39.40 3.05 0.00 | 39.68 2.42 0.00 | 37.95 2.46 0.00 | 34.59 2.11 0.00 | 28.51 1.77 0.00 | 27.11 1.62 0.00 |
| WADING RIVER_IC_2 23547 | 26.65 0.92 0.00 | 25.72 0.97 0.00 | 23.34 0.85 0.00 | 23.72 0.74 0.00 | 23.35 0.70 0.00 | 25.11 0.68 0.00 | 35.20 0.99 0.00 | 32.19 0.99 -6.33 | 63.19 0.96 -44.35 | 36.36 1.58 -12.67 | 36.16 2.47 -7.53 | 36.57 2.81 -4.46 | 31.67 2.56 0.00 | 30.03 2.70 0.00 | 38.43 2.86 -6.40 | 42.90 3.76 0.00 | 40.43 3.53 0.00 | 38.74 3.39 0.00 | 39.40 3.05 0.00 | 39.68 2.42 0.00 | 37.95 2.46 0.00 | 34.59 2.11 0.00 | 28.51 1.77 0.00 | 27.11 1.62 0.00 |
| WADING RIVER_IC_3 23601 | 26.65 0.92 0.00 | 25.72 0.97 0.00 | 23.34 0.85 0.00 | 23.72 0.74 0.00 | 23.35 0.70 0.00 | 25.11 0.68 0.00 | 35.20 0.99 0.00 | 32.19 0.99 -6.33 | 63.19 0.96 -44.35 | 36.36 1.58 -12.67 | 36.16 2.47 -7.53 | 36.57 2.81 -4.46 | 31.67 2.56 0.00 | 30.03 2.70 0.00 | 38.43 2.86 -6.40 | 42.90 3.76 0.00 | 40.43 3.53 0.00 | 38.74 3.39 0.00 | 39.40 3.05 0.00 | 39.68 2.42 0.00 | 37.95 2.46 0.00 | 34.59 2.11 0.00 | 28.51 1.77 0.00 | 27.11 1.62 0.00 |
| WALDENNY_12_KV_BK2 80841 | 25.04 -0.68 0.00 | 24.17 -0.59 0.00 | 21.95 -0.54 0.00 | 22.40 -0.58 0.00 | 22.07 -0.58 0.00 | 24.03 -0.40 0.00 | 33.66 -0.55 0.00 | 24.23 -0.64 0.00 | 17.32 -0.56 0.00 | 21.83 -0.28 0.00 | 25.60 -0.56 0.00 | 28.53 -0.77 0.00 | 28.30 -0.81 0.00 | 26.34 -1.00 0.00 | 26.56 -1.19 1.42 | 34.18 -2.13 2.84 | 24.93 -2.05 9.93 | 24.51 -1.78 9.07 | 31.99 -1.82 2.54 | 35.72 -1.55 0.00 | 34.01 -1.48 0.00 | 31.21 -1.27 0.00 | 25.96 -0.78 0.00 | 24.98 -0.52 0.00 |
| WALDEN___HYDRO 24148 | 26.50 0.78 0.00 | 25.54 0.78 0.00 | 23.19 0.71 0.00 | 23.61 0.63 0.00 | 23.28 0.63 0.00 | 25.03 0.61 0.00 | 35.07 0.87 0.00 | 23.13 0.78 2.53 | 0.94 0.76 17.70 | 18.30 1.25 5.05 | 24.98 1.58 2.76 | 29.94 1.78 1.15 | 30.94 1.84 0.00 | 29.20 1.86 0.00 | 28.70 2.09 2.55 | 42.10 2.95 0.00 | 39.86 2.96 0.00 | 38.15 2.79 0.00 | 38.81 2.45 0.00 | 39.54 2.28 0.00 | 37.56 2.07 0.00 | 34.29 1.81 0.00 | 28.20 1.47 0.00 | 26.87 1.37 0.00 |
| WARRENSBURG____ 23737 | 26.82 1.10 0.00 | 25.81 1.05 0.00 | 23.43 0.94 0.00 | 23.95 0.98 0.00 | 23.63 0.98 0.00 | 25.52 1.10 0.00 | 35.80 1.60 0.00 | 27.07 1.09 -1.10 | 26.52 0.91 -7.73 | 25.42 1.11 -2.21 | 28.41 1.04 -1.21 | 30.97 1.17 -0.50 | 30.19 1.09 0.00 | 28.30 0.96 0.00 | 31.38 1.10 -1.12 | 41.00 1.85 0.00 | 38.56 1.66 0.00 | 37.02 1.66 0.00 | 38.50 2.14 0.00 | 39.39 2.13 0.00 | 37.56 2.06 0.00 | 34.40 1.93 0.00 | 28.26 1.52 0.00 | 26.91 1.41 0.00 |
| WATERSIDE____6 8 9 23538 | 26.85 1.13 0.00 | 25.90 1.14 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.59 0.94 0.00 | 25.33 0.91 0.00 | 35.55 1.34 0.00 | 32.46 1.23 -6.35 | 63.49 1.11 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.86 2.68 -2.88 | 31.79 2.69 0.00 | 30.04 2.71 0.00 | 38.52 2.93 -6.42 | 43.17 4.02 0.00 | 40.89 3.99 0.00 | 39.02 3.66 0.00 | 39.46 3.10 0.00 | 40.16 2.90 0.00 | 38.22 2.72 0.00 | 34.95 2.47 0.00 | 28.74 2.01 0.00 | 27.37 1.87 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 25.98 0.25 0.00 | 25.06 0.30 0.00 | 22.78 0.29 0.00 | 23.25 0.27 0.00 | 22.93 0.28 0.00 | 24.71 0.29 0.00 | 34.60 0.39 0.00 | 25.20 0.32 0.00 | 18.14 0.25 0.00 | 22.35 0.24 0.00 | 26.39 0.23 0.00 | 29.59 0.29 0.00 | 29.39 0.29 0.00 | 27.67 0.34 0.00 | 29.55 0.38 0.00 | 39.80 0.65 0.00 | 37.65 0.75 0.00 | 36.04 0.68 0.00 | 37.29 0.93 0.00 | 38.19 0.92 0.00 | 36.37 0.87 0.00 | 33.24 0.77 0.00 | 27.30 0.57 0.00 | 25.99 0.49 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 25.89 0.17 0.00 | 24.94 0.18 0.00 | 22.63 0.14 0.00 | 23.04 0.06 0.00 | 22.70 0.06 0.00 | 24.43 0.01 0.00 | 34.24 0.03 0.00 | 22.96 0.19 2.10 | 3.65 0.51 14.74 | 18.73 0.83 4.21 | 24.89 1.03 2.30 | 29.45 1.10 0.95 | 30.26 1.16 0.00 | 28.59 1.26 0.00 | 28.50 1.46 2.13 | 41.04 1.89 0.00 | 38.13 1.23 0.00 | 36.52 1.16 0.00 | 37.27 0.92 0.00 | 38.00 0.73 0.00 | 36.09 0.60 0.00 | 33.01 0.53 0.00 | 27.74 1.01 0.00 | 26.37 0.88 0.00 |
| WEST BABYLON___IC 23714 | 27.17 1.45 0.00 | 26.20 1.45 0.00 | 23.75 1.27 0.00 | 24.16 1.18 0.00 | 23.78 1.13 0.00 | 25.58 1.16 0.00 | 35.89 1.68 0.00 | 32.69 1.49 -6.33 | 63.52 1.29 -44.35 | 36.78 2.00 -12.67 | 36.61 2.92 -7.53 | 37.03 3.26 -4.46 | 32.20 3.09 0.00 | 30.52 3.18 0.00 | 38.96 3.39 -6.40 | 43.72 4.57 0.00 | 41.39 4.49 0.00 | 39.68 4.32 0.00 | 40.32 3.96 0.00 | 40.70 3.43 0.00 | 38.90 3.40 0.00 | 35.42 2.94 0.00 | 29.17 2.43 0.00 | 27.77 2.27 0.00 |
| WEST CANADA___HYD 24049 | 25.72 0.00 0.00 | 24.78 0.03 0.00 | 22.51 0.02 0.00 | 22.99 0.01 0.00 | 22.67 0.01 0.00 | 24.42 0.00 0.00 | 34.20 -0.01 0.00 | 24.88 0.00 0.00 | 17.91 0.03 0.00 | 22.19 0.07 0.00 | 26.26 0.10 0.00 | 29.41 0.10 0.00 | 29.21 0.11 0.00 | 27.45 0.11 0.00 | 29.30 0.14 0.00 | 39.36 0.20 0.00 | 37.12 0.22 0.00 | 35.58 0.22 0.00 | 36.58 0.22 0.00 | 37.46 0.19 0.00 | 35.67 0.17 0.00 | 32.61 0.13 0.00 | 26.84 0.11 0.00 | 25.60 0.10 0.00 |
| WESTERN_NY_WIND 24143 | 25.61 -0.11 0.00 | 24.63 -0.13 0.00 | 22.36 -0.13 0.00 | 22.83 -0.15 0.00 | 22.54 -0.11 0.00 | 24.55 0.13 0.00 | 34.43 0.22 0.00 | 24.79 -0.09 0.00 | 17.63 -0.25 0.00 | 22.06 -0.05 0.00 | 25.87 -0.29 0.00 | 28.96 -0.34 0.00 | 28.73 -0.37 0.00 | 26.76 -0.58 0.00 | 27.84 -0.58 0.75 | 36.48 -1.15 1.53 | 30.22 -1.33 5.35 | 29.62 -0.85 4.89 | 34.09 -0.90 1.37 | 36.75 -0.51 0.00 | 35.06 -0.44 0.00 | 32.12 -0.36 0.00 | 26.61 -0.12 0.00 | 25.55 0.06 0.00 |
| WESTOVER___LESR 323668 | 25.49 -0.23 0.00 | 24.63 -0.12 0.00 | 22.35 -0.14 0.00 | 22.81 -0.17 0.00 | 22.43 -0.22 0.00 | 24.28 -0.14 0.00 | 34.04 -0.17 0.00 | 24.74 -0.13 0.00 | 17.75 -0.13 0.00 | 22.12 0.01 0.00 | 26.10 -0.07 0.00 | 29.29 -0.01 0.00 | 29.12 0.02 0.00 | 27.32 -0.01 0.00 | 29.18 0.02 0.00 | 39.63 0.08 -0.39 | 38.33 0.04 -1.39 | 36.68 0.06 -1.27 | 36.78 0.06 -0.35 | 37.44 0.18 0.00 | 35.62 0.12 0.00 | 32.51 0.03 0.00 | 26.81 0.08 0.00 | 25.60 0.10 0.00 |
| WETHRSFD_WT_PWR 323626 | 24.88 -0.84 0.00 | 24.11 -0.65 0.00 | 21.90 -0.59 0.00 | 22.30 -0.68 0.00 | 21.84 -0.81 0.00 | 23.72 -0.70 0.00 | 33.35 -0.86 0.00 | 24.03 -0.84 0.00 | 17.19 -0.69 0.00 | 21.56 -0.55 0.00 | 25.29 -0.88 0.00 | 28.06 -1.24 0.00 | 27.74 -1.36 0.00 | 25.66 -1.67 0.00 | 22.40 -1.86 4.90 | 27.06 -2.82 9.28 | 1.75 -2.71 32.45 | 3.27 -2.39 29.70 | 25.91 -2.12 8.33 | 35.49 -1.78 0.00 | 33.87 -1.63 0.00 | 30.98 -1.50 0.00 | 25.73 -1.00 0.00 | 24.80 -0.69 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 26.49 0.77 0.00 | 25.54 0.78 0.00 | 23.21 0.72 0.00 | 23.61 0.63 0.00 | 23.28 0.63 0.00 | 25.01 0.59 0.00 | 35.03 0.82 0.00 | 16.11 0.75 9.52 | -48.07 0.76 66.71 | 4.33 1.27 19.05 | 17.46 1.69 10.39 | 26.92 1.93 4.32 | 31.08 1.98 0.00 | 29.34 2.00 0.00 | 21.75 2.21 9.62 | 42.27 3.12 0.00 | 39.99 3.09 0.00 | 38.18 2.83 0.00 | 38.75 2.40 0.00 | 39.43 2.16 0.00 | 37.47 1.97 0.00 | 34.21 1.74 0.00 | 28.17 1.44 0.00 | 26.87 1.37 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 26.49 0.77 0.00 | 25.54 0.78 0.00 | 23.21 0.72 0.00 | 23.61 0.63 0.00 | 23.28 0.63 0.00 | 25.01 0.59 0.00 | 35.03 0.82 0.00 | 16.11 0.75 9.52 | -48.07 0.76 66.71 | 4.33 1.27 19.05 | 17.46 1.69 10.39 | 26.92 1.93 4.32 | 31.08 1.98 0.00 | 29.34 2.00 0.00 | 21.75 2.21 9.62 | 42.27 3.12 0.00 | 39.99 3.09 0.00 | 38.18 2.83 0.00 | 38.75 2.40 0.00 | 39.43 2.16 0.00 | 37.47 1.97 0.00 | 34.21 1.74 0.00 | 28.17 1.44 0.00 | 26.87 1.37 0.00 |
| WHITEHAL_115KV_TB1 80871 | 27.74 2.02 0.00 | 26.65 1.89 0.00 | 24.16 1.67 0.00 | 24.77 1.79 0.00 | 24.45 1.80 0.00 | 26.48 2.06 0.00 | 37.17 2.96 0.00 | 27.93 1.95 -1.11 | 27.24 1.56 -7.79 | 26.17 1.84 -2.22 | 29.39 2.02 -1.21 | 32.01 2.21 -0.50 | 31.15 2.05 0.00 | 29.11 1.78 0.00 | 32.22 1.93 -1.12 | 42.47 3.32 0.00 | 39.30 2.41 0.00 | 37.70 2.35 0.00 | 39.19 2.83 0.00 | 40.27 3.00 0.00 | 38.38 2.88 0.00 | 35.42 2.94 0.00 | 29.17 2.44 0.00 | 27.81 2.32 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 26.92 1.20 0.00 | 25.95 1.19 0.00 | 23.57 1.08 0.00 | 23.97 1.00 0.00 | 23.64 0.99 0.00 | 25.41 0.99 0.00 | 35.65 1.45 0.00 | 32.71 1.26 -6.57 | 65.11 1.14 -46.09 | 37.04 1.76 -13.16 | 35.64 2.30 -7.18 | 34.93 2.64 -2.98 | 31.79 2.69 0.00 | 30.00 2.67 0.00 | 38.75 2.94 -6.65 | 43.26 4.11 0.00 | 40.95 4.05 0.00 | 39.10 3.74 0.00 | 39.65 3.30 0.00 | 40.31 3.04 0.00 | 38.27 2.78 0.00 | 34.94 2.46 0.00 | 28.73 2.00 0.00 | 27.36 1.87 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 26.89 1.17 0.00 | 25.96 1.20 0.00 | 23.55 1.06 0.00 | 23.94 0.96 0.00 | 23.57 0.92 0.00 | 25.33 0.91 0.00 | 35.52 1.31 0.00 | 32.42 1.21 -6.33 | 63.34 1.11 -44.35 | 36.55 1.77 -12.67 | 36.37 2.68 -7.53 | 36.82 3.06 -4.46 | 31.90 2.79 0.00 | 30.25 2.91 0.00 | 38.66 3.10 -6.40 | 43.23 4.08 0.00 | 40.76 3.86 0.00 | 39.06 3.70 0.00 | 39.75 3.39 0.00 | 40.06 2.80 0.00 | 38.33 2.83 0.00 | 34.94 2.46 0.00 | 28.80 2.07 0.00 | 27.40 1.90 0.00 |
| WOODARD___115KV_TB2 355635 | 25.32 -0.41 0.00 | 24.38 -0.38 0.00 | 22.12 -0.36 0.00 | 22.60 -0.38 0.00 | 22.27 -0.38 0.00 | 24.06 -0.37 0.00 | 33.67 -0.54 0.00 | 24.45 -0.43 0.00 | 17.56 -0.32 0.00 | 21.84 -0.28 0.00 | 25.79 -0.37 0.00 | 28.92 -0.39 0.00 | 28.72 -0.38 0.00 | 26.99 -0.35 0.00 | 28.82 -0.35 0.00 | 38.63 -0.52 0.00 | 36.32 -0.58 0.00 | 34.86 -0.50 0.00 | 35.85 -0.51 0.00 | 36.79 -0.48 0.00 | 35.02 -0.47 0.00 | 31.99 -0.48 0.00 | 26.38 -0.35 0.00 | 25.17 -0.32 0.00 |
| WOODMERE_69_KV_BK1 55827 | 27.16 1.44 0.00 | 26.17 1.41 0.00 | 23.73 1.24 0.00 | 24.15 1.17 0.00 | 23.77 1.12 0.00 | 25.58 1.16 0.00 | 35.86 1.65 0.00 | 32.62 1.42 -6.33 | 63.48 1.25 -44.35 | 36.72 1.95 -12.67 | 36.41 2.72 -7.53 | 36.83 3.06 -4.46 | 32.10 3.00 0.00 | 30.41 3.07 0.00 | 38.88 3.31 -6.40 | 43.71 4.56 0.00 | 41.33 4.43 0.00 | 39.53 4.18 0.00 | 40.04 3.68 0.00 | 40.54 3.27 0.00 | 38.69 3.19 0.00 | 35.36 2.88 0.00 | 29.11 2.37 0.00 | 27.70 2.21 0.00 |
| YORK___WARBASSE 23770 | 26.90 1.18 0.00 | 25.92 1.17 0.00 | 23.53 1.04 0.00 | 23.90 0.93 0.00 | 23.58 0.93 0.00 | 25.34 0.91 0.00 | 35.57 1.37 0.00 | 32.45 1.22 -6.35 | 63.48 1.10 -44.50 | 36.58 1.76 -12.71 | 35.39 2.30 -6.93 | 34.87 2.69 -2.88 | 31.82 2.72 0.00 | 30.06 2.73 0.00 | 38.54 2.96 -6.42 | 43.18 4.03 0.00 | 40.96 4.06 0.00 | 39.11 3.76 0.00 | 39.53 3.17 0.00 | 40.27 3.01 0.00 | 38.33 2.84 0.00 | 35.04 2.57 0.00 | 28.82 2.08 0.00 | 27.43 1.94 0.00 |