

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/07/2023

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 33.76 | 31.60 | 30.24 | 30.37 | 31.71 | 42.57 | 40.50 | 47.91 | 45.93 | 44.35 | 43.88 | 46.28 | 43.72 | 43.81 | 43.35 | 44.16 | 42.62 | 41.16 | 42.98 | 40.11 | 41.06 | 36.57 | 34.34 | 30.39 |
| 24138 | 2.50 | 2.31 | 2.21 | 2.24 | 2.10 | 1.43 | 2.61 | 2.85 | 2.78 | 2.64 | 3.16 | 3.10 | 3.10 | 3.10 | 2.86 | 3.12 | 3.04 | 2.90 | 3.03 | 2.80 | 2.67 | 2.41 | 2.07 | 1.81 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.64 | -0.18 | 0.70 | -3.12 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 33.71 | 31.55 | 30.18 | 30.31 | 31.63 | 42.51 | 40.45 | 47.85 | 45.86 | 44.27 | 43.79 | 46.19 | 43.63 | 43.72 | 43.28 | 44.08 | 42.51 | 41.07 | 42.90 | 40.04 | 40.98 | 36.49 | 34.27 | 30.33 |
| 24260 | 2.45 | 2.26 | 2.14 | 2.19 | 2.03 | 1.37 | 2.56 | 2.79 | 2.72 | 2.56 | 3.08 | 3.01 | 3.01 | 3.01 | 2.80 | 3.03 | 2.93 | 2.80 | 2.94 | 2.74 | 2.59 | 2.34 | 2.00 | 1.74 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 33.71 | 31.55 | 30.18 | 30.31 | 31.63 | 42.51 | 40.45 | 47.85 | 45.86 | 44.27 | 43.79 | 46.19 | 43.63 | 43.72 | 43.28 | 44.08 | 42.51 | 41.07 | 42.90 | 40.04 | 40.98 | 36.49 | 34.27 | 30.33 |
| 24261 | 2.45 | 2.26 | 2.14 | 2.19 | 2.03 | 1.37 | 2.56 | 2.79 | 2.72 | 2.56 | 3.08 | 3.01 | 3.01 | 3.01 | 2.80 | 3.03 | 2.93 | 2.80 | 2.94 | 2.74 | 2.59 | 2.34 | 2.00 | 1.74 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 33.05 | 31.66 | 30.70 | 29.95 | 36.20 | 79.18 | 40.27 | 47.75 | 45.52 | 42.61 | 42.93 | 43.17 | 42.85 | 42.91 | 40.71 | 43.42 | 41.93 | 40.47 | 42.17 | 39.30 | 40.35 | 35.71 | 33.68 | 29.80 |
| 24011 | 1.79 | 1.69 | 1.58 | 1.82 | 1.82 | 1.35 | 2.38 | 2.69 | 2.38 | 1.95 | 2.38 | 2.45 | 2.35 | 2.39 | 2.34 | 2.38 | 2.35 | 2.20 | 2.21 | 1.99 | 1.95 | 1.56 | 1.41 | 1.21 |
| | 0.00 | -1.07 | -1.69 | 0.00 | -7.60 | -59.08 | 0.00 | 0.00 | 0.00 | -0.50 | -0.08 | -1.17 | -0.06 | 0.90 | -1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 33.11 | 31.72 | 30.77 | 30.06 | 36.35 | 79.51 | 40.57 | 48.17 | 45.85 | 42.86 | 43.21 | 43.51 | 43.20 | 43.25 | 40.99 | 43.66 | 42.24 | 40.81 | 42.51 | 39.51 | 40.51 | 35.86 | 33.84 | 29.93 |
| 23798 | 1.85 | 1.75 | 1.65 | 1.93 | 1.95 | 1.50 | 2.68 | 3.10 | 2.71 | 2.20 | 2.67 | 2.80 | 2.69 | 2.73 | 2.62 | 2.62 | 2.65 | 2.54 | 2.55 | 2.20 | 2.12 | 1.70 | 1.56 | 1.35 |
| | 0.00 | -1.08 | -1.69 | 0.00 | -7.62 | -59.25 | 0.00 | 0.00 | 0.00 | -0.50 | -0.08 | -1.17 | -0.06 | 0.90 | -1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 33.05 | 31.66 | 30.70 | 29.95 | 36.20 | 79.18 | 40.27 | 47.75 | 45.52 | 42.61 | 42.93 | 43.17 | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 32.34 1.08 0.00 | 30.71 1.06 -0.75 | 29.61 1.01 -1.17 | 29.20 1.07 0.00 | 33.12 1.08 -5.27 | 60.68 0.70 -41.22 | 39.02 1.13 0.00 | 46.07 1.01 0.00 | 44.06 0.91 0.00 | 41.44 0.78 -0.50 | 41.61 1.07 -0.08 | 41.66 0.93 -1.19 | 41.50 0.99 -0.06 | 41.46 0.96 0.91 | 39.47 1.08 -1.02 | 42.10 1.06 0.00 | 40.55 0.97 0.00 | 39.04 0.77 0.00 | 40.72 0.76 0.00 | 38.29 0.99 0.00 | 39.21 0.82 0.00 | 34.94 0.78 0.00 | 33.02 0.75 0.00 | 29.23 0.64 0.00 |
| ALBANY___LFGE 323615 | 32.55 1.29 0.00 | 31.00 1.25 -0.84 | 29.94 1.18 -1.32 | 29.38 1.25 0.00 | 33.98 1.26 -5.94 | 65.96 0.84 -46.36 | 39.30 1.42 0.00 | 46.44 1.38 0.00 | 44.42 1.27 0.00 | 41.80 1.13 -0.50 | 41.99 1.45 -0.08 | 42.07 1.34 -1.18 | 41.91 1.40 -0.06 | 41.89 1.38 0.91 | 39.82 1.44 -1.02 | 42.54 1.49 0.00 | 40.95 1.37 0.00 | 39.42 1.15 0.00 | 41.12 1.16 0.00 | 38.63 1.33 0.00 | 39.58 1.18 0.00 | 35.23 1.07 0.00 | 33.27 0.99 0.00 | 29.43 0.84 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 31.67 0.40 0.00 | 29.19 0.29 0.00 | 27.71 0.28 0.00 | 28.39 0.26 0.00 | 26.99 0.21 0.00 | 18.88 0.13 0.00 | 38.72 0.83 0.00 | 46.45 1.38 0.00 | 44.45 1.31 0.00 | 41.33 1.17 0.00 | 41.14 0.68 0.00 | 40.18 0.63 0.00 | 41.15 0.70 0.00 | 41.87 0.79 0.33 | 37.82 0.44 0.00 | 41.52 0.48 0.00 | 39.98 0.40 0.00 | 38.62 0.35 0.00 | 40.28 0.32 0.00 | 37.60 0.29 0.00 | 38.86 0.46 0.00 | 34.63 0.48 0.00 | 32.80 0.53 0.00 | 29.08 0.49 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 31.67 0.40 0.00 | 29.19 0.29 0.00 | 27.71 0.28 0.00 | 28.39 0.26 0.00 | 26.99 0.21 0.00 | 18.88 0.13 0.00 | 38.72 0.83 0.00 | 46.45 1.38 0.00 | 44.45 1.31 0.00 | 41.33 1.17 0.00 | 41.14 0.68 0.00 | 40.18 0.63 0.00 | 41.15 0.70 0.00 | 41.87 0.79 0.33 | 37.82 0.44 0.00 | 41.52 0.48 0.00 | 39.98 0.40 0.00 | 38.62 0.35 0.00 | 40.28 0.32 0.00 | 37.60 0.29 0.00 | 38.86 0.46 0.00 | 34.63 0.48 0.00 | 32.80 0.53 0.00 | 29.08 0.49 0.00 |
| ALCOA___DSASP 323711 | 31.67 0.41 0.00 | 29.19 0.29 0.00 | 27.71 0.28 0.00 | 28.39 0.26 0.00 | 26.98 0.20 0.00 | 18.88 0.13 0.00 | 38.72 0.83 0.00 | 46.45 1.38 0.00 | 44.45 1.31 0.00 | 41.33 1.17 0.00 | 41.14 0.68 0.00 | 40.18 0.63 0.00 | 41.15 0.70 0.00 | 41.87 0.79 0.33 | 37.82 0.45 0.00 | 41.52 0.48 0.00 | 39.98 0.40 0.00 | 38.62 0.35 0.00 | 40.28 0.32 0.00 | 37.60 0.29 0.00 | 38.86 0.46 0.00 | 34.63 0.48 0.00 | 32.80 0.53 0.00 | 29.07 0.49 0.00 |
| ALLEGHENY___COGEN 23514 | 31.72 0.45 -0.01 | 29.28 0.26 -0.12 | 27.67 0.05 -0.18 | 27.88 -0.25 0.00 | 27.26 -0.33 -0.81 | 24.61 -0.55 -6.41 | 30.85 -2.38 4.65 | 42.37 -2.70 0.00 | 40.99 -2.15 0.00 | 35.50 -2.04 2.62 | 38.55 -1.89 0.02 | 37.39 -1.93 0.23 | 38.43 -1.93 0.10 | 35.16 -1.82 4.43 | 35.79 -1.15 0.43 | 39.50 -1.13 0.41 | 38.90 -0.68 0.00 | 37.62 -0.65 0.00 | 39.23 -0.73 0.00 | 36.11 -1.20 0.00 | 38.98 0.58 0.00 | 34.51 0.36 0.00 | 32.33 0.06 0.00 | 28.72 0.14 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 32.38 1.12 0.00 | 30.67 1.09 -0.68 | 29.53 1.03 -1.07 | 29.23 1.10 0.00 | 32.64 1.08 -4.77 | 56.93 0.72 -37.46 | 39.14 1.25 0.00 | 46.28 1.22 0.00 | 44.27 1.13 0.00 | 41.69 1.04 -0.49 | 41.90 1.37 -0.08 | 42.02 1.31 -1.16 | 41.83 1.32 -0.06 | 41.83 1.33 0.92 | 39.69 1.32 -1.00 | 42.44 1.39 0.00 | 40.82 1.24 0.00 | 39.31 1.04 0.00 | 41.06 1.10 0.00 | 38.45 1.15 0.00 | 39.46 1.06 0.00 | 35.10 0.94 0.00 | 33.14 0.87 0.00 | 29.34 0.75 0.00 |
| ALTONA_WT_PWR 323606 | 31.98 0.72 0.00 | 29.56 0.66 0.00 | 28.21 0.78 0.00 | 28.97 0.84 0.00 | 27.57 0.79 0.00 | 19.35 0.60 0.00 | 39.48 1.59 0.00 | 47.27 2.21 0.00 | 45.26 2.11 0.00 | 42.04 1.88 0.00 | 42.21 1.75 0.00 | 41.18 1.63 0.00 | 42.11 1.67 0.00 | 42.84 1.71 0.28 | 38.84 1.46 0.00 | 42.59 1.55 0.00 | 41.09 1.51 0.00 | 39.63 1.36 0.00 | 41.42 1.46 0.00 | 38.70 1.40 0.00 | 39.74 1.35 0.00 | 35.32 1.16 0.00 | 33.44 1.16 0.00 | 29.94 1.35 0.00 |
| AMERICAN_REF_FUEL 24010 | 26.38 -2.37 2.51 | 24.73 -2.27 1.90 | 24.29 -2.33 0.81 | 24.98 -2.68 0.47 | 25.06 -2.46 -0.74 | 22.77 -1.87 -5.89 | 30.34 -5.08 2.47 | 38.66 -6.40 0.00 | 37.37 -5.77 0.00 | 33.37 -5.17 1.62 | 35.02 -5.05 0.39 | 33.35 -4.78 1.42 | 33.59 -4.93 1.94 | 27.95 -4.87 8.60 | 28.97 -3.81 4.59 | 31.24 -4.13 5.68 | 29.15 -3.80 6.64 | 32.95 -3.90 1.42 | 35.68 -4.28 0.00 | 32.05 -4.38 0.87 | 29.09 -3.79 5.50 | 28.59 -3.38 2.19 | 28.86 -3.22 0.20 | 25.97 -2.43 0.18 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 26.85 -0.96 3.44 | 25.03 -1.25 2.62 | 24.81 -1.46 1.16 | 25.61 -1.88 0.63 | 25.60 -1.97 -0.79 | 23.62 -1.43 -6.30 | 31.46 -3.59 2.83 | 40.16 -4.90 0.00 | 39.06 -4.09 0.00 | 34.64 -3.67 1.86 | 36.51 -3.42 0.52 | 34.72 -2.95 1.87 | 34.77 -3.06 2.62 | 28.40 -2.98 10.04 | 29.16 -2.05 6.16 | 31.32 -2.04 7.68 | 28.65 -1.90 9.04 | 34.43 -1.91 1.93 | 37.90 -2.05 0.00 | 33.84 -2.29 1.18 | 29.32 -1.58 7.49 | 29.77 -1.41 2.98 | 30.67 -1.34 0.27 | 27.24 -1.11 0.24 |
| ARTHUR_KILL_GT_1 23520 | 33.77 2.51 0.00 | 31.62 2.33 -0.39 | 30.24 2.20 -0.61 | 30.21 2.08 0.00 | 31.54 1.93 -2.82 | 42.44 1.30 -22.39 | 40.23 2.34 0.00 | 47.47 2.41 0.00 | 45.39 2.24 0.00 | 43.80 2.09 -1.55 | 43.33 2.62 -0.26 | 45.55 2.37 -3.63 | 43.03 2.40 -0.18 | 43.10 2.39 0.70 | 42.65 2.17 -3.11 | 43.38 2.34 0.00 | 41.97 2.39 0.00 | 40.59 2.32 0.00 | 42.46 2.50 0.00 | 39.71 2.41 0.00 | 40.76 2.37 0.00 | 36.50 2.34 0.00 | 34.26 1.99 0.00 | 30.32 1.74 0.00 |
| ARTHUR_KILL_2 23512 | 33.68 2.42 0.00 | 31.54 2.25 -0.39 | 30.16 2.13 -0.61 | 30.13 2.01 0.00 | 31.46 1.85 -2.82 | 42.38 1.24 -22.39 | 40.11 2.22 0.00 | 47.34 2.27 0.00 | 45.27 2.13 0.00 | 43.68 1.97 -1.55 | 43.24 2.52 -0.26 | 45.44 2.26 -3.63 | 42.91 2.29 -0.18 | 42.98 2.28 0.70 | 42.54 2.06 -3.11 | 43.25 2.21 0.00 | 41.85 2.27 0.00 | 40.47 2.19 0.00 | 42.33 2.37 0.00 | 39.58 2.28 0.00 | 40.63 2.24 0.00 | 36.39 2.23 0.00 | 34.17 1.89 0.00 | 30.24 1.65 0.00 |
| ARTHUR_KILL_3 23513 | 33.32 2.06 0.00 | 31.22 1.93 -0.39 | 29.88 1.84 -0.61 | 30.02 1.89 0.00 | 31.37 1.76 -2.82 | 42.33 1.19 -22.39 | 39.98 2.09 0.00 | 47.28 2.21 0.00 | 45.30 2.15 0.00 | 43.72 2.01 -1.55 | 43.25 2.53 -0.26 | 45.67 2.49 -3.63 | 43.07 2.45 -0.18 | 43.15 2.43 0.70 | 42.75 2.26 -3.11 | 43.47 2.42 0.00 | 41.91 2.33 0.00 | 40.51 2.25 0.00 | 42.33 2.38 0.00 | 39.52 2.22 0.00 | 40.43 2.04 0.00 | 36.03 1.88 0.00 | 33.86 1.59 0.00 | 29.98 1.40 0.00 |
| ARTHUR_KILL_COGEN 323718 | 33.77 2.51 0.00 | 31.62 2.33 -0.39 | 30.24 2.20 -0.61 | 30.21 2.08 0.00 | 31.54 1.93 -2.82 | 42.44 1.30 -22.39 | 40.23 2.34 0.00 | 47.47 2.41 0.00 | 45.39 2.24 0.00 | 43.80 2.09 -1.55 | 43.33 2.62 -0.26 | 45.55 2.37 -3.63 | 43.03 2.40 -0.18 | 43.10 2.39 0.70 | 42.65 2.17 -3.11 | 43.38 2.34 0.00 | 41.97 2.39 0.00 | 40.59 2.32 0.00 | 42.46 2.50 0.00 | 39.71 2.41 0.00 | 40.76 2.37 0.00 | 36.50 2.34 0.00 | 34.26 1.99 0.00 | 30.32 1.74 0.00 |
| ASHOKAN____ 23654 | 33.77 2.51 0.00 | 31.81 2.36 -0.55 | 30.52 2.23 -0.86 | 30.47 2.34 0.00 | 32.93 2.26 -3.89 | 50.98 1.58 -30.64 | 41.00 3.11 0.00 | 48.60 3.54 0.00 | 46.82 3.67 0.00 | 43.87 3.48 -0.23 | 44.40 3.91 -0.04 | 43.99 3.91 -0.54 | 44.47 3.99 -0.03 | 44.30 4.01 1.12 | 41.71 3.87 -0.46 | 45.30 4.26 0.00 | 43.78 4.20 0.00 | 42.23 3.97 0.00 | 44.04 4.08 0.00 | 41.20 3.89 0.00 | 42.18 3.79 0.00 | 37.40 3.25 0.00 | 35.18 2.90 0.00 | 31.02 2.43 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.95 1.82 0.00 | 31.32 1.72 -2.82 | 42.30 1.16 -22.39 | 40.08 2.20 0.01 | 47.46 2.40 0.00 | 45.55 2.40 0.00 | 43.89 2.19 -1.55 | 43.42 2.70 -0.26 | 45.81 2.63 -3.63 | 43.33 2.70 -0.18 | 43.30 2.59 0.70 | 42.89 2.41 -3.11 | 43.61 2.57 0.00 | 42.05 2.47 0.00 | 40.68 2.41 0.00 | 42.47 2.51 0.00 | 39.77 2.47 0.00 | 40.61 2.21 0.00 | 36.25 2.09 0.00 | 33.97 1.69 0.00 | 30.06 1.47 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 33.48 2.22 0.00 | 31.29 2.00 -0.39 | 29.87 1.83 -0.61 | 29.95 1.82 0.00 | 31.32 1.71 -2.82 | 42.30 1.16 -22.39 | 40.08 2.20 0.01 | 47.46 2.40 0.00 | 45.55 2.40 0.00 | 43.89 2.19 -1.55 | 43.42 2.70 -0.26 | 45.81 2.63 -3.63 | 43.33 2.70 -0.18 | 43.30 2.59 0.70 | 42.89 2.41 -3.11 | 43.61 2.57 0.00 | 42.05 2.47 0.00 | 40.68 2.41 0.00 | 42.47 2.51 0.00 | 39.77 2.47 0.00 | 40.61 2.21 0.00 | 36.25 2.09 0.00 | 33.97 1.69 0.00 | 30.06 1.47 0.00 |
| ASTORIA_GT2_1 24094 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2.22 0.00 | 47.49 2.42 0.00 | 45.58 2.43 0.00 | 43.92 2.21 -1.55 | 43.44 2.73 -0.26 | 45.83 2.65 -3.63 | 43.35 2.72 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA_GT2_2 24095 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2.22 0.00 | 47.49 2.42 0.00 | 45.58 2.43 0.00 | 43.92 2.21 -1.55 | 43.44 2.73 -0.26 | 45.83 2.65 -3.63 | 43.35 2.72 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA_GT2_3 24096 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2.22 0.00 | 47.49 2.42 0.00 | 45.58 2.43 0.00 | 43.92 2.21 -1.55 | 43.44 2.73 -0.26 | 45.83 2.65 -3.63 | 43.35 2.72 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA_GT2_4 24097 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2.22 0.00 | 47.49 2.42 0.00 | 45.58 2.43 0.00 | 43.92 2.21 -1.55 | 43.44 2.73 -0.26 | 45.83 2.65 -3.63 | 43.35 2.72 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA_GT3_1 24098 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2.22 0.00 | 47.49 2.42 0.00 | 45.58 2.43 0.00 | 43.92 2.21 -1.55 | 43.44 2.73 -0.26 | 45.83 2.65 -3.63 | 43.35 2.72 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA_GT3_2 24099 | 33.49 2.23 0.00 | 31.29 2.00 -0.39 | 29.88 1.84 -0.61 | 29.97 1.84 0.00 | 31.30 1.70 -2.82 | 42.28 1.14 -22.39 | 40.10 2. | | | | | | | | | | | | | | | | | |

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|----------------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| ASTORIA_GT_10 24110 | 33.56 2.30 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.87 -2.82 | 42.40 1.25 -22.39 | 40.21 2.32 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.95 2.25 -1.55 | 43.45 2.74 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.34 2.63 0.70 | 42.92 2.44 -3.11 | 43.67 2.63 0.00 | 42.11 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| ASTORIA_GT_11 24225 | 33.56 2.30 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.87 -2.82 | 42.40 1.25 -22.39 | 40.21 2.32 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.95 2.25 -1.55 | 43.45 2.74 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.34 2.63 0.70 | 42.92 2.44 -3.11 | 43.67 2.63 0.00 | 42.11 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| ASTORIA_GT_12 24226 | 33.56 2.30 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.87 -2.82 | 42.40 1.25 -22.39 | 40.21 2.32 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.95 2.25 -1.55 | 43.45 2.74 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.34 2.63 0.70 | 42.92 2.44 -3.11 | 43.67 2.63 0.00 | 42.11 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| ASTORIA_GT_13 24227 | 33.56 2.30 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.87 -2.82 | 42.40 1.25 -22.39 | 40.21 2.32 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.95 2.25 -1.55 | 43.45 2.74 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.34 2.63 0.70 | 42.92 2.44 -3.11 | 43.67 2.63 0.00 | 42.11 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| ASTORIA_GT_5 24106 | 33.55 2.29 0.00 | 31.35 2.06 -0.39 | 29.93 1.89 -0.61 | 30.00 1.88 0.00 | 31.37 1.77 -2.82 | 42.33 1.19 -22.39 | 40.16 2.27 0.01 | 47.57 2.51 0.00 | 45.66 2.52 0.00 | 44.01 2.30 -1.55 | 43.53 2.81 -0.26 | 45.91 2.73 -3.63 | 43.44 2.81 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.73 2.69 0.00 | 42.17 2.58 0.00 | 40.79 2.52 0.00 | 42.58 2.62 0.00 | 39.88 2.57 0.00 | 40.71 2.31 0.00 | 36.33 2.17 0.00 | 34.05 1.77 0.00 | 30.12 1.54 0.00 |
| ASTORIA_GT_7 24107 | 33.55 2.29 0.00 | 31.35 2.06 -0.39 | 29.93 1.89 -0.61 | 30.00 1.88 0.00 | 31.37 1.77 -2.82 | 42.33 1.19 -22.39 | 40.16 2.27 0.01 | 47.57 2.51 0.00 | 45.66 2.52 0.00 | 44.01 2.30 -1.55 | 43.53 2.81 -0.26 | 45.91 2.73 -3.63 | 43.44 2.81 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.73 2.69 0.00 | 42.17 2.58 0.00 | 40.79 2.52 0.00 | 42.58 2.62 0.00 | 39.88 2.57 0.00 | 40.71 2.31 0.00 | 36.33 2.17 0.00 | 34.05 1.77 0.00 | 30.12 1.54 0.00 |
| ASTORIA_GT_8 24108 | 33.55 2.29 0.00 | 31.33 2.05 -0.39 | 29.92 1.88 -0.61 | 30.01 1.88 0.00 | 31.35 1.74 -2.82 | 42.31 1.17 -22.39 | 40.16 2.28 0.00 | 47.57 2.51 0.00 | 45.66 2.52 0.00 | 44.01 2.30 -1.55 | 43.53 2.81 -0.26 | 45.92 2.74 -3.63 | 43.43 2.81 -0.18 | 43.42 2.71 0.70 | 43.00 2.52 -3.11 | 43.72 2.68 0.00 | 42.16 2.58 0.00 | 40.79 2.52 0.00 | 42.58 2.62 0.00 | 39.87 2.56 0.00 | 40.71 2.32 0.00 | 36.32 2.17 0.00 | 34.05 1.77 0.00 | 30.14 1.55 0.00 |
| ASTORIA___2 24149 | 33.50 2.24 0.00 | 31.30 2.01 -0.39 | 29.88 1.85 -0.61 | 29.96 1.84 0.00 | 31.33 1.73 -2.82 | 42.31 1.17 -22.39 | 40.10 2.22 0.01 | 47.48 2.42 0.00 | 45.57 2.43 0.00 | 43.92 2.22 -1.55 | 43.44 2.72 -0.26 | 45.82 2.64 -3.63 | 43.35 2.72 -0.18 | 43.32 2.61 0.70 | 42.90 2.42 -3.11 | 43.63 2.59 0.00 | 42.08 2.50 0.00 | 40.71 2.44 0.00 | 42.49 2.53 0.00 | 39.79 2.48 0.00 | 40.63 2.23 0.00 | 36.26 2.10 0.00 | 33.98 1.71 0.00 | 30.07 1.48 0.00 |
| ASTORIA___3 23516 | 33.56 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.15 2.03 0.00 | 31.50 1.90 -2.82 | 42.43 1.28 -22.39 | 40.21 2.33 0.00 | 47.53 2.47 0.00 | 45.53 2.39 0.00 | 43.95 2.25 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.32 2.69 -0.18 | 43.32 2.61 0.70 | 42.90 2.42 -3.11 | 43.63 2.59 0.00 | 42.08 2.50 0.00 | 40.71 2.44 0.00 | 42.49 2.53 0.00 | 39.79 2.48 0.00 | 40.63 2.23 0.00 | 36.26 2.10 0.00 | 33.98 1.71 0.00 | 30.07 1.48 0.00 |
| ASTORIA___4 23517 | 33.56 2.30 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.87 -2.82 | 42.40 1.25 -22.39 | 40.21 2.32 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.95 2.25 -1.55 | 43.45 2.74 -0.26 | 45.83 2.65 -3.63 | 43.32 2.69 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.64 2.60 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.54 0.00 | 39.79 2.48 0.00 | 40.64 2.24 0.00 | 36.25 2.10 0.00 | 33.98 1.71 0.00 | 30.09 1.50 0.00 |
| ASTORIA___5 23518 | 33.56 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.15 2.03 0.00 | 31.50 1.90 -2.82 | 42.43 1.28 -22.39 | 40.21 2.33 0.00 | 47.53 2.47 0.00 | 45.53 2.39 0.00 | 43.95 2.25 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.65 -0.18 | 43.35 2.64 0.70 | 42.91 2.43 -3.11 | 43.67 2.63 0.00 | 42.10 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.25 2.09 0.00 | 34.02 1.74 0.00 | 30.10 1.51 0.00 |
| AST_ENERGY_2_CC3 323677 | 33.47 2.21 0.00 | 31.34 2.05 -0.39 | 29.99 1.95 -0.61 | 30.12 1.99 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.11 2.22 0.00 | 47.39 2.33 0.00 | 45.42 2.28 0.00 | 43.85 2.15 -1.55 | 43.40 2.68 -0.26 | 45.81 2.62 -3.63 | 43.21 2.58 -0.18 | 43.28 2.57 0.70 | 42.89 2.40 -3.11 | 43.64 2.60 0.00 | 42.11 2.52 0.00 | 40.69 2.42 0.00 | 42.50 2.54 0.00 | 39.68 2.38 0.00 | 40.61 2.22 0.00 | 36.17 2.01 0.00 | 33.98 1.71 0.00 | 30.11 1.52 0.00 |
| AST_ENERGY_2_CC4 323678 | 33.47 2.21 0.00 | 31.34 2.05 -0.39 | 29.99 1.95 -0.61 | 30.12 1.99 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.11 2.22 0.00 | 47.39 2.33 0.00 | 45.42 2.28 0.00 | 43.85 2.15 -1.55 | 43.40 2.68 -0.26 | 45.81 2.62 -3.63 | 43.21 2.58 -0.18 | 43.28 2.57 0.70 | 42.89 2.40 -3.11 | 43.64 2.60 0.00 | 42.11 2.52 0.00 | 40.69 2.42 0.00 | 42.50 2.54 0.00 | 39.68 2.38 0.00 | 40.61 2.22 0.00 | 36.17 2.01 0.00 | 33.98 1.71 0.00 | 30.11 1.52 0.00 |
| ATHENS_STG_1 23668 | 32.61 1.35 0.00 | 30.61 1.31 -0.41 | 29.31 1.24 -0.64 | 29.43 1.30 0.00 | 30.91 1.22 -2.91 | 42.69 0.81 -23.12 | 39.28 1.40 0.00 | 46.44 1.38 0.00 | 44.43 1.29 0.00 | 42.01 1.22 -0.63 | 42.19 1.62 -0.11 | 42.61 1.58 -1.49 | 42.12 1.60 -0.07 | 42.00 1.59 1.01 | 40.17 1.53 -1.27 | 42.69 1.65 0.00 | 41.06 1.48 0.00 | 39.58 1.31 0.00 | 41.38 1.42 0.00 | 38.70 1.39 0.00 | 39.68 1.29 0.00 | 35.32 1.17 0.00 | 33.32 1.04 0.00 | 29.51 0.92 0.00 |
| ATHENS_STG_2 23670 | 32.61 1.35 0.00 | 30.61 1.31 -0.41 | 29.31 1.24 -0.64 | 29.43 1.30 0.00 | 30.91 1.22 -2.91 | 42.69 0.81 -23.12 | 39.28 1.40 0.00 | 46.44 1.38 0.00 | 44.43 1.29 0.00 | 42.01 1.22 -0.63 | 42.19 1.62 -0.11 | 42.61 1.58 -1.49 | 42.12 1.60 -0.07 | 42.00 1.59 1.01 | 40.17 1.53 -1.27 | 42.69 1.65 0.00 | 41.06 1.48 0.00 | 39.58 1.31 0.00 | 41.38 1.42 0.00 | 38.70 1.39 0.00 | 39.68 1.29 0.00 | 35.32 1.17 0.00 | 33.32 1.04 0.00 | 29.51 0.92 0.00 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ATHENS_STG_3 23677 | 32.61 1.35 0.00 | 30.61 1.31 -0.41 | 29.31 1.24 -0.64 | 29.43 1.30 0.00 | 30.91 1.22 -2.91 | 42.69 0.81 -23.12 | 39.28 1.40 0.00 | 46.44 1.38 0.00 | 44.43 1.29 0.00 | 42.01 1.22 -0.63 | 42.19 1.62 -0.11 | 42.61 1.58 -1.49 | 42.12 1.60 -0.07 | 42.00 1.59 1.01 | 40.17 1.53 -1.27 | 42.69 1.65 0.00 | 41.06 1.48 0.00 | 39.58 1.31 0.00 | 41.38 1.42 0.00 | 38.70 1.39 0.00 | 39.68 1.29 0.00 | 35.32 1.17 0.00 | 33.32 1.04 0.00 | 29.51 0.92 0.00 |
| AUBURN____LFGE 323710 | 31.17 -0.10 0.00 | 28.93 -0.07 -0.09 | 27.48 -0.10 -0.14 | 27.86 -0.27 0.00 | 27.23 -0.21 -0.66 | 23.93 -0.06 -5.23 | 37.92 -0.64 -0.68 | 44.25 -0.81 0.00 | 42.47 -0.67 0.00 | 39.93 -0.58 -0.35 | 40.07 -0.37 0.01 | 39.05 -0.30 0.19 | 40.08 -0.36 0.01 | 36.65 -0.43 4.34 | 37.05 -0.16 0.16 | 40.86 -0.18 0.00 | 39.54 -0.05 0.00 | 38.23 -0.04 0.00 | 39.99 0.04 0.00 | 37.11 -0.19 0.00 | 38.34 -0.06 0.00 | 34.07 -0.08 0.00 | 32.11 -0.16 0.00 | 28.44 -0.14 0.00 |
| BABYLON_RES_REC 323704 | 95.44 3.30 -60.88 | 32.62 3.05 -0.66 | 31.21 2.85 -0.94 | 31.04 2.90 -0.02 | 38.84 2.74 -9.32 | 79.64 1.84 -59.05 | 70.32 3.61 -28.83 | 92.10 3.94 -43.09 | 117.43 3.86 -70.42 | 75.49 3.50 -31.83 | 61.20 3.92 -16.82 | 74.59 3.86 -31.18 | 91.49 4.06 -46.98 | 96.78 4.08 -51.29 | 76.19 3.78 -35.04 | 84.61 4.13 -39.44 | 103.62 3.94 -60.10 | 137.26 3.82 -95.16 | 136.11 3.97 -92.19 | 153.49 3.76 -112.43 | 56.31 3.61 -14.31 | 65.08 3.27 -27.65 | 67.21 2.98 -31.96 | 78.57 2.61 -47.38 |
| BABYLON__69_KV_BK2 356345 | 96.84 3.70 -61.88 | 32.97 3.40 -0.67 | 31.59 3.22 -0.94 | 31.39 3.24 -0.02 | 39.27 3.07 -9.43 | 80.46 2.06 -59.65 | 71.27 4.05 -29.33 | 92.44 4.47 -42.91 | 118.88 4.44 -71.29 | 76.39 3.97 -32.26 | 61.69 4.36 -16.87 | 75.26 4.36 -31.35 | 92.41 4.58 -47.38 | 97.71 4.61 -51.69 | 77.00 4.21 -35.41 | 85.03 4.67 -39.32 | 103.94 4.43 -59.93 | 137.15 4.30 -94.58 | 135.98 4.48 -91.54 | 154.09 4.21 -112.58 | 57.05 4.16 -14.50 | 66.13 3.76 -28.21 | 68.27 3.44 -32.55 | 79.26 3.01 -47.67 |
| BALL_HILL_WT_PWR 323825 | 27.02 -1.00 3.24 | 25.35 -1.09 2.46 | 25.05 -1.29 1.08 | 25.90 -1.62 0.60 | 25.99 -1.58 -0.79 | 23.75 -1.25 -6.24 | 31.50 -3.55 2.84 | 40.58 -4.48 0.00 | 39.21 -3.93 0.00 | 34.77 -3.53 1.85 | 36.68 -3.28 0.49 | 34.86 -2.92 1.78 | 34.93 -3.05 2.47 | 28.76 -2.94 9.71 | 29.44 -2.11 5.82 | 31.59 -2.22 7.24 | 29.08 -2.00 8.50 | 34.39 -2.06 1.82 | 37.67 -2.29 0.00 | 33.66 -2.53 1.12 | 29.37 -1.97 7.05 | 29.57 -1.78 2.80 | 30.31 -1.71 0.26 | 27.08 -1.28 0.23 |
| BARON_WINDS____WT_PWR 323822 | 31.90 -0.56 -1.20 | 29.37 -0.61 -1.08 | 27.32 -0.79 -0.68 | 27.31 -1.04 -0.22 | 26.64 -1.10 -0.97 | 25.52 -0.88 -7.64 | 29.30 -2.87 5.71 | 41.66 -3.41 0.00 | 40.28 -2.86 0.00 | 33.91 -2.79 3.45 | 37.95 -2.66 -0.15 | 37.42 -2.41 -0.27 | 38.78 -2.49 -0.82 | 36.85 -2.40 2.17 | 37.35 -1.69 -1.67 | 41.89 -1.57 -2.42 | 41.41 -1.26 -3.09 | 37.70 -1.22 -0.65 | 38.68 -1.28 0.00 | 36.24 -1.47 -0.40 | 39.89 -1.04 -2.54 | 34.12 -1.04 -1.01 | 31.26 -1.10 -0.09 | 27.82 -0.85 -0.08 |
| BARRETT_IC_1 23704 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_10 23701 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_11 23702 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_12 23703 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_2 23705 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_3 23706 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_4 23707 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_5 23708 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_6 23709 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |

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| BARRETT_IC_7 23710 | 99.36 2.95 -65.15 | 32.29 2.71 -0.68 | 30.95 2.56 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.77 1.60 -59.42 | 44.02 2.93 -3.20 | 89.40 3.26 -41.07 | 64.09 3.16 -17.79 | 76.70 2.95 -33.59 | 60.82 3.44 -16.92 | 74.88 3.38 -31.95 | 88.59 3.50 -44.65 | 81.24 3.48 -36.35 | 76.75 3.27 -36.12 | 73.28 3.41 -28.83 | 95.38 3.28 -52.51 | 131.76 3.19 -90.31 | 129.55 3.39 -86.20 | 151.30 3.15 -110.85 | 44.39 2.87 -3.13 | 38.67 2.63 -1.88 | 52.95 2.46 -18.22 | 73.50 2.16 -42.75 |
| BARRETT_IC_8 23711 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT_IC_9 23700 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT___1 23545 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BARRETT___2 23546 | 99.32 2.91 -65.15 | 32.30 2.72 -0.68 | 30.90 2.51 -0.96 | 30.71 2.57 -0.01 | 38.98 2.43 -9.77 | 79.78 1.61 -59.42 | 44.13 3.05 -3.20 | 89.47 3.33 -41.07 | 64.14 3.21 -17.79 | 76.65 2.90 -33.59 | 60.80 3.43 -16.92 | 74.88 3.38 -31.95 | 88.58 3.49 -44.65 | 81.24 3.48 -36.35 | 76.72 3.23 -36.12 | 73.37 3.50 -28.83 | 95.29 3.19 -52.51 | 131.69 3.11 -90.31 | 129.44 3.28 -86.20 | 151.24 3.09 -110.85 | 44.41 2.89 -3.13 | 38.70 2.66 -1.88 | 52.95 2.46 -18.22 | 73.49 2.15 -42.75 |
| BATAVIA___115KV_TB1 55881 | 30.37 -0.91 -0.02 | 28.07 -0.93 -0.10 | 26.51 -1.08 -0.16 | 26.76 -1.37 0.00 | 26.30 -1.19 -0.71 | 23.46 -0.89 -5.60 | 32.84 -2.90 2.15 | 41.52 -3.54 0.00 | 40.09 -3.05 0.00 | 36.04 -2.69 1.42 | 37.97 -2.47 0.01 | 37.11 -2.24 0.20 | 38.07 -2.37 0.01 | 34.78 -2.23 4.40 | 35.66 -1.54 0.17 | 39.36 -1.68 0.00 | 38.21 -1.37 0.00 | 36.77 -1.49 0.00 | 38.17 -1.79 0.00 | 35.26 -2.05 0.00 | 36.91 -1.49 0.00 | 32.80 -1.36 0.00 | 30.83 -1.44 0.00 | 27.58 -1.00 0.00 |
| BAYONEEC___CTG1 323682 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG10 323750 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG2 323683 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG3 323684 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG4 323685 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG5 323686 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG6 323687 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG7 323688 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BAYONEEC___CTG8 323689 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |

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|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG9 323749 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.13 2.00 0.00 | 31.47 1.86 -2.82 | 42.40 1.26 -22.39 | 40.14 2.25 0.00 | 47.46 2.40 0.00 | 45.47 2.32 0.00 | 43.90 2.20 -1.55 | 43.43 2.71 -0.26 | 45.83 2.65 -3.63 | 43.26 2.63 -0.18 | 43.34 2.63 0.70 | 42.93 2.45 -3.11 | 43.69 2.64 0.00 | 42.13 2.55 0.00 | 40.71 2.45 0.00 | 42.53 2.58 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.21 2.05 0.00 | 34.02 1.74 0.00 | 30.12 1.54 0.00 |
| BEACON___LESR 323632 | 32.77 1.51 0.00 | 31.10 1.45 -0.75 | 29.98 1.37 -1.19 | 29.51 1.38 0.00 | 33.57 1.48 -5.32 | 61.36 0.99 -41.62 | 39.65 1.77 0.00 | 46.95 1.89 0.00 | 44.81 1.67 0.00 | 42.15 1.49 -0.51 | 42.37 1.83 -0.08 | 42.46 1.72 -1.19 | 42.28 1.77 -0.06 | 42.25 1.75 0.91 | 40.15 1.76 -1.02 | 42.92 1.88 0.00 | 41.28 1.70 0.00 | 39.85 1.58 0.00 | 41.61 1.65 0.00 | 39.03 1.73 0.00 | 39.90 1.50 0.00 | 35.49 1.34 0.00 | 33.58 1.30 0.00 | 29.61 1.03 0.00 |
| BEAVER RIVER___HYD 24048 | 31.42 0.16 0.00 | 28.98 0.05 -0.03 | 27.54 0.07 -0.05 | 28.19 0.07 0.00 | 27.06 0.08 -0.21 | 20.43 0.03 -1.64 | 38.23 0.35 0.00 | 45.76 0.70 0.00 | 43.62 0.48 0.00 | 40.63 0.47 0.00 | 40.95 0.49 0.00 | 40.00 0.46 0.00 | 40.96 0.52 0.00 | 40.10 0.59 1.90 | 37.89 0.51 0.00 | 41.56 0.52 0.00 | 40.09 0.51 0.00 | 38.73 0.46 0.00 | 40.30 0.34 0.00 | 37.59 0.29 0.00 | 38.84 0.45 0.00 | 34.57 0.41 0.00 | 32.61 0.34 0.00 | 28.79 0.20 0.00 |
| BEEBEE_GT_13 23619 | 30.24 -1.02 0.00 | 28.01 -0.98 -0.09 | 26.50 -1.07 -0.14 | 26.88 -1.24 0.00 | 26.32 -1.11 -0.65 | 23.07 -0.82 -5.14 | 33.78 -2.47 1.64 | 42.09 -2.97 0.00 | 40.51 -2.63 0.00 | 36.74 -2.33 1.10 | 38.33 -2.12 0.01 | 37.41 -1.95 0.19 | 38.41 -2.03 0.01 | 34.90 -2.03 4.48 | 35.77 -1.44 0.16 | 39.45 -1.60 0.00 | 38.25 -1.33 0.00 | 36.86 -1.41 0.00 | 38.34 -1.61 0.00 | 35.50 -1.80 0.00 | 36.92 -1.48 0.00 | 32.76 -1.39 0.00 | 30.82 -1.45 0.00 | 27.46 -1.12 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 33.80 2.54 0.00 | 31.63 2.34 -0.39 | 30.25 2.21 -0.61 | 30.33 2.20 0.00 | 31.64 2.03 -2.82 | 42.50 1.36 -22.39 | 40.42 2.53 0.00 | 47.80 2.74 0.00 | 45.76 2.62 0.00 | 44.16 2.45 -1.55 | 43.72 3.01 -0.26 | 46.07 2.90 -3.63 | 43.54 2.91 -0.18 | 43.61 2.90 0.70 | 43.15 2.67 -3.11 | 43.93 2.89 0.00 | 42.37 2.79 0.00 | 40.97 2.70 0.00 | 42.83 2.87 0.00 | 40.04 2.74 0.00 | 41.06 2.66 0.00 | 36.63 2.47 0.00 | 34.38 2.10 0.00 | 30.41 1.83 0.00 |
| BETHLEHEM___GRP 23843 | 32.34 1.08 0.00 | 30.71 1.06 -0.75 | 29.61 1.01 -1.17 | 29.20 1.07 0.00 | 33.12 1.08 -5.27 | 60.68 0.70 -41.22 | 39.02 1.13 0.00 | 46.07 1.01 0.00 | 44.06 0.91 0.00 | 41.44 0.78 -0.50 | 41.61 1.07 -0.08 | 41.66 0.93 -1.19 | 41.50 0.99 -0.06 | 41.46 0.96 0.91 | 39.47 1.08 -1.02 | 42.10 1.06 0.00 | 40.55 0.97 0.00 | 39.04 0.77 0.00 | 40.72 0.76 0.00 | 38.29 0.76 0.00 | 39.21 0.82 0.00 | 34.94 0.78 0.00 | 33.02 0.75 0.00 | 29.23 0.64 0.00 |
| BETHLEHEM___GS1 323560 | 32.35 1.09 0.00 | 30.72 1.06 -0.75 | 29.62 1.01 -1.17 | 29.20 1.07 0.00 | 33.13 1.09 -5.27 | 60.69 0.71 -41.22 | 39.02 1.13 0.00 | 46.07 1.01 0.00 | 44.06 0.91 0.00 | 41.44 0.78 -0.50 | 41.61 1.07 -0.08 | 41.67 0.94 -1.19 | 41.50 1.00 -0.06 | 41.47 0.97 0.91 | 39.47 1.08 -1.02 | 42.11 1.07 0.00 | 40.55 0.97 0.00 | 39.04 0.77 0.00 | 40.72 0.76 0.00 | 38.29 0.99 0.00 | 39.22 0.83 0.00 | 34.94 0.79 0.00 | 33.02 0.75 0.00 | 29.22 0.64 0.00 |
| BETHLEHEM___GS2 323561 | 32.35 1.09 0.00 | 30.72 1.06 -0.75 | 29.62 1.01 -1.17 | 29.20 1.07 0.00 | 33.13 1.09 -5.27 | 60.69 0.71 -41.22 | 39.02 1.13 0.00 | 46.07 1.01 0.00 | 44.06 0.91 0.00 | 41.44 0.78 -0.50 | 41.61 1.07 -0.08 | 41.67 0.94 -1.19 | 41.50 1.00 -0.06 | 41.47 0.97 0.91 | 39.47 1.08 -1.02 | 42.11 1.07 0.00 | 40.55 0.97 0.00 | 39.04 0.77 0.00 | 40.72 0.76 0.00 | 38.29 0.99 0.00 | 39.22 0.83 0.00 | 34.94 0.79 0.00 | 33.02 0.75 0.00 | 29.22 0.64 0.00 |
| BETHLEHEM___GS3 323562 | 32.35 1.09 0.00 | 30.72 1.06 -0.75 | 29.62 1.01 -1.17 | 29.20 1.07 0.00 | 33.13 1.09 -5.27 | 60.69 0.71 -41.22 | 39.02 1.13 0.00 | 46.07 1.01 0.00 | 44.06 0.91 0.00 | 41.44 0.78 -0.50 | 41.61 1.07 -0.08 | 41.67 0.94 -1.19 | 41.50 1.00 -0.06 | 41.47 0.97 0.91 | 39.47 1.08 -1.02 | 42.11 1.07 0.00 | 40.55 0.97 0.00 | 39.04 0.77 0.00 | 40.72 0.76 0.00 | 38.29 0.99 0.00 | 39.22 0.83 0.00 | 34.94 0.79 0.00 | 33.02 0.75 0.00 | 29.22 0.64 0.00 |
| BETHLEHEM___STEEL 23779 | 30.35 -0.94 -0.03 | 28.05 -0.97 -0.12 | 26.40 -1.21 -0.18 | 26.58 -1.55 0.00 | 26.12 -1.43 -0.77 | 23.72 -1.15 -6.12 | 31.56 -3.57 2.75 | 40.63 -4.43 0.00 | 39.25 -3.89 0.00 | 34.87 -3.51 1.79 | 37.16 -3.29 0.02 | 36.38 -2.94 0.22 | 37.37 -3.07 0.01 | 34.23 -2.88 4.31 | 35.14 -2.04 0.19 | 38.86 -2.19 0.00 | 37.68 -1.90 0.00 | 36.23 -2.04 0.00 | 37.61 -2.35 0.00 | 34.74 -2.56 0.00 | 36.40 -1.99 0.00 | 32.33 -1.83 0.00 | 30.46 -1.81 0.00 | 27.28 -1.31 0.00 |
| BETHLHEM_115KV_TB1 79974 | 32.34 1.08 0.00 | 30.69 1.06 -0.73 | 29.58 1.00 -1.15 | 29.20 1.07 0.00 | 33.00 1.07 -5.15 | 59.76 0.70 -40.31 | 39.03 1.14 0.00 | 46.10 1.04 0.00 | 44.10 0.95 0.00 | 41.48 0.82 -0.50 | 41.66 1.12 -0.08 | 41.74 1.01 -1.18 | 41.57 1.06 -0.06 | 41.54 1.04 0.91 | 39.52 1.13 -1.02 | 42.17 1.12 0.00 | 40.60 1.02 0.00 | 39.08 0.81 0.00 | 40.79 0.83 0.00 | 38.33 1.02 0.00 | 39.26 0.86 0.00 | 34.96 0.81 0.00 | 33.04 0.76 0.00 | 29.25 0.66 0.00 |
| BETHPAGE_CC_5 323564 | 93.24 3.02 -58.95 | 32.35 2.79 -0.66 | 30.96 2.60 -0.93 | 30.80 2.66 -0.01 | 38.39 2.50 -9.11 | 78.22 1.63 -57.84 | 68.27 3.16 -27.23 | 92.35 3.42 -43.87 | 114.19 3.36 -67.69 | 74.25 3.07 -31.02 | 60.74 3.46 -16.83 | 73.95 3.42 -30.99 | 90.33 3.57 -46.31 | 95.41 3.58 -50.41 | 75.07 3.32 -34.38 | 84.51 3.61 -39.86 | 103.89 3.41 -60.90 | 139.05 3.30 -97.48 | 138.02 3.46 -94.60 | 153.99 3.44 -113.24 | 55.36 3.26 -13.72 | 63.02 2.97 -25.89 | 65.48 2.70 -30.50 | 77.65 2.40 -46.66 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 30.58 -0.70 -0.03 | 28.26 -0.76 -0.12 | 26.60 -1.01 -0.18 | 26.77 -1.36 0.00 | 26.31 -1.24 -0.78 | 23.88 -1.03 -6.16 | 31.81 -3.32 2.76 | 40.97 -4.10 0.00 | 39.56 -3.59 0.00 | 35.14 -3.22 1.80 | 37.45 -2.99 0.02 | 36.66 -2.67 0.22 | 37.66 -2.78 0.01 | 34.56 -2.55 4.30 | 35.43 -1.75 0.19 | 39.17 -1.87 0.00 | 37.99 -1.59 0.00 | 36.53 -1.74 0.00 | 37.92 -2.04 0.00 | 35.03 -2.28 0.00 | 36.70 -1.70 0.00 | 32.58 -1.58 0.00 | 30.68 -1.59 0.00 | 27.47 -1.12 0.00 |
| BINGHAMTON___COGEN 23790 | 31.33 0.07 0.00 | 29.15 0.06 -0.19 | 27.73 0.01 -0.29 | 28.11 -0.02 0.00 | 28.08 -0.02 -1.33 | 29.18 -0.05 -10.48 | 37.40 -0.48 0.00 | 44.37 -0.69 0.00 | 42.55 -0.59 0.00 | 39.51 -0.50 0.15 | 40.21 -0.22 0.03 | 39.08 -0.11 0.36 | 40.28 -0.15 0.02 | 37.70 -0.21 3.50 | 37.06 0.00 0.31 | 41.07 0.03 0.00 | 39.64 0.05 0.00 | 38.34 0.07 0.00 | 40.01 0.06 0.00 | 37.23 -0.08 0.00 | 38.36 -0.04 0.00 | 34.08 -0.08 0.00 | 32.13 -0.15 0.00 | 28.49 -0.09 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 31.50 0.22 -0.02 | 29.07 0.05 -0.12 | 27.31 -0.30 -0.18 | 27.46 -0.66 0.00 | 27.00 -0.57 -0.80 | 24.36 -0.70 -6.31 | 32.17 -2.93 2.80 | 42.00 -3.07 0.00 | 40.44 -2.70 0.00 | 35.79 -2.54 1.84 | 38.09 -2.35 0.02 | 37.23 -2.09 0.23 | 38.25 -2.19 0.01 | 35.50 -1.65 4.27 | 36.36 -0.81 0.19 | 40.20 -0.84 0.00 | 39.08 -0.50 0.00 | 37.55 -0.72 0.00 | 38.97 -0.98 0.00 | 35.98 -1.33 0.00 | 37.61 -0.79 0.00 | 33.39 -0.76 0.00 | 31.48 -0.79 0.00 | 28.13 -0.45 0.00 |

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| BLACK RIVER___HYD 24047 | 31.30 0.04 0.00 | 28.86 -0.08 -0.04 | 27.43 -0.06 -0.07 | 28.06 -0.07 0.00 | 27.06 -0.03 -0.30 | 21.16 -0.01 -2.42 | 38.06 0.17 0.00 | 45.53 0.47 0.00 | 43.39 0.25 0.00 | 40.42 0.26 0.00 | 40.83 0.38 0.00 | 39.89 0.35 0.00 | 40.87 0.42 0.00 | 39.16 0.48 2.74 | 37.88 0.51 0.00 | 41.53 0.49 0.00 | 40.15 0.57 0.00 | 38.82 0.55 0.00 | 40.36 0.40 0.00 | 37.63 0.33 0.00 | 38.86 0.46 0.00 | 34.51 0.35 0.00 | 32.50 0.22 0.00 | 28.65 0.06 0.00 |
| BLACKRVR_115KV_TB2 79977 | 31.30 0.04 0.00 | 28.86 -0.08 -0.04 | 27.44 -0.06 -0.07 | 28.06 -0.07 0.00 | 27.06 -0.02 -0.30 | 21.17 0.00 -2.42 | 38.06 0.17 0.00 | 45.53 0.47 0.00 | 43.39 0.24 0.00 | 40.42 0.26 0.00 | 40.84 0.38 0.00 | 39.89 0.35 0.00 | 40.87 0.42 0.00 | 39.16 0.49 2.74 | 37.89 0.52 0.00 | 41.53 0.49 0.00 | 40.15 0.57 0.00 | 38.83 0.56 0.00 | 40.36 0.40 0.00 | 37.63 0.33 0.00 | 38.85 0.46 0.00 | 34.52 0.36 0.00 | 32.50 0.22 0.00 | 28.65 0.06 0.00 |
| BLISS_WT_PWR 323608 | 28.01 0.23 3.49 | 26.27 0.03 2.66 | 25.94 -0.31 1.18 | 26.79 -0.69 0.64 | 26.96 -0.61 -0.80 | 24.31 -0.75 -6.31 | 31.99 -3.10 2.80 | 41.95 -3.11 0.00 | 40.38 -2.76 0.00 | 35.70 -2.62 1.84 | 37.44 -2.49 0.53 | 35.41 -2.25 1.89 | 35.46 -2.33 2.65 | 29.53 -1.78 10.11 | 30.28 -0.85 6.24 | 32.40 -0.86 7.78 | 29.93 -0.50 9.16 | 35.61 -0.71 1.96 | 39.00 -0.96 0.00 | 34.77 -1.34 1.20 | 30.00 -0.80 7.59 | 30.37 -0.76 3.02 | 31.24 -0.76 0.28 | 27.90 -0.44 0.24 |
| BLUESTONE___WT_PWR 323821 | 32.88 0.82 -0.80 | 30.88 1.11 -0.87 | 29.41 1.30 -0.67 | 29.61 1.33 -0.15 | 29.90 1.47 -1.64 | 32.69 1.02 -12.92 | 41.77 1.94 -1.94 | 47.47 2.41 0.00 | 45.52 2.38 0.00 | 43.62 2.37 -1.09 | 43.32 2.77 -0.09 | 42.47 2.89 -0.03 | 43.97 2.96 -0.57 | 42.22 2.74 1.94 | 41.01 2.61 -1.03 | 45.63 2.91 -1.68 | 44.59 2.94 -2.06 | 41.40 2.71 -0.43 | 42.49 2.53 0.00 | 39.97 2.40 -0.27 | 42.40 2.33 -1.68 | 36.71 1.89 -0.67 | 34.03 1.69 -0.06 | 30.10 1.46 -0.05 |
| BLUE_CIRC_CHEM_DRP 24182 | 32.55 1.29 0.00 | 30.82 1.27 -0.65 | 29.66 1.20 -1.03 | 29.40 1.27 0.00 | 32.66 1.28 -4.60 | 55.73 0.85 -36.13 | 39.37 1.48 0.00 | 46.48 1.42 0.00 | 44.44 1.30 0.00 | 41.78 1.16 -0.46 | 41.99 1.46 -0.08 | 42.05 1.42 -1.09 | 41.98 1.47 -0.05 | 41.93 1.46 0.95 | 39.76 1.46 -0.93 | 42.57 1.53 0.00 | 40.95 1.37 0.00 | 39.42 1.16 0.00 | 41.16 1.20 0.00 | 38.60 1.30 0.00 | 39.60 1.21 0.00 | 35.24 1.09 0.00 | 33.31 1.03 0.00 | 29.50 0.91 0.00 |
| BOC_GAS_DRP 24189 | 32.27 1.01 0.00 | 30.53 0.99 -0.64 | 29.37 0.94 -1.00 | 29.14 1.01 0.00 | 32.26 0.99 -4.48 | 54.64 0.65 -35.24 | 38.98 1.09 0.00 | 46.08 1.02 0.00 | 44.06 0.92 0.00 | 41.52 0.86 -0.50 | 41.73 1.19 -0.08 | 41.85 1.13 -1.17 | 41.66 1.16 -0.06 | 41.64 1.14 0.92 | 39.52 1.15 -1.00 | 42.24 1.20 0.00 | 40.64 1.06 0.00 | 39.14 0.86 0.00 | 40.87 0.91 0.00 | 38.30 0.99 0.00 | 39.27 0.88 0.00 | 34.96 0.81 0.00 | 33.03 0.76 0.00 | 29.24 0.66 0.00 |
| BOONVILLE_115KV_TB1 79983 | 32.00 0.75 0.00 | 29.54 0.64 0.00 | 28.05 0.62 0.00 | 28.76 0.64 0.00 | 27.42 0.64 0.00 | 19.27 0.46 -0.06 | 38.92 1.04 0.00 | 46.44 1.38 0.00 | 44.41 1.27 0.00 | 41.36 1.21 0.00 | 41.77 1.31 0.00 | 40.82 1.27 0.00 | 41.72 1.16 0.00 | 41.22 1.30 1.50 | 38.57 1.20 0.00 | 42.36 1.32 0.00 | 40.91 1.33 0.00 | 39.56 1.29 0.00 | 41.23 1.27 0.00 | 38.45 1.15 0.00 | 39.60 1.21 0.00 | 35.18 1.02 0.00 | 33.16 0.89 0.00 | 29.28 0.69 0.00 |
| BORALEX_4TH_BRANCH 23824 | 33.90 2.64 0.00 | 32.40 2.58 -0.92 | 31.30 2.43 -1.44 | 30.65 2.52 0.00 | 35.68 2.39 -6.50 | 71.10 1.66 -50.68 | 40.80 2.92 0.00 | 47.95 2.88 0.00 | 46.03 2.89 0.00 | 43.51 2.75 -0.59 | 43.76 3.20 -0.10 | 43.92 2.98 -1.40 | 43.48 2.96 -0.07 | 43.64 3.11 0.89 | 41.53 2.96 -1.20 | 44.55 3.51 0.00 | 42.51 2.92 0.00 | 40.68 2.41 0.00 | 42.81 2.85 0.00 | 40.25 2.95 0.00 | 41.40 3.00 0.00 | 36.82 2.66 0.00 | 34.78 2.50 0.00 | 30.73 2.15 0.00 |
| BOWLINE___1 23526 | 32.88 1.62 0.00 | 30.80 1.53 -0.37 | 29.47 1.45 -0.58 | 29.59 1.46 0.00 | 30.85 1.36 -2.72 | 41.23 0.94 -21.54 | 39.54 1.65 0.00 | 46.78 1.72 0.00 | 44.78 1.64 0.00 | 38.80 1.43 2.78 | 41.90 1.90 0.47 | 34.87 1.87 6.55 | 42.02 1.89 0.32 | 40.81 1.84 2.45 | 33.48 1.72 5.61 | 42.92 1.88 0.00 | 41.43 1.85 0.00 | 40.04 1.77 0.00 | 41.90 1.95 0.00 | 39.12 1.82 0.00 | 40.01 1.62 0.00 | 35.63 1.47 0.00 | 33.51 1.24 0.00 | 29.68 1.09 0.00 |
| BOWLINE___2 23595 | 32.94 1.68 0.00 | 30.85 1.58 -0.37 | 29.52 1.50 -0.58 | 29.64 1.51 0.00 | 30.90 1.40 -2.72 | 41.27 0.96 -21.55 | 39.60 1.71 0.00 | 46.85 1.78 0.00 | 44.84 1.70 0.00 | 38.86 1.49 2.79 | 41.95 1.96 0.47 | 34.90 1.92 6.57 | 42.08 1.95 0.32 | 40.87 1.90 2.45 | 33.52 1.78 5.63 | 42.99 1.95 0.00 | 41.50 1.92 0.00 | 40.10 1.83 0.00 | 41.96 2.00 0.00 | 39.17 1.87 0.00 | 40.07 1.68 0.00 | 35.68 1.52 0.00 | 33.55 1.28 0.00 | 29.72 1.14 0.00 |
| BRADY___115KV_TB2 356060 | 31.93 0.67 0.00 | 29.42 0.52 0.00 | 27.94 0.51 0.00 | 28.61 0.48 0.00 | 27.20 0.41 0.00 | 19.03 0.25 -0.02 | 39.08 1.19 0.00 | 46.97 1.90 0.00 | 44.96 1.82 0.00 | 41.82 1.65 0.00 | 41.58 1.13 0.00 | 40.58 1.03 0.00 | 41.56 1.12 0.00 | 42.22 1.26 0.46 | 38.23 0.86 0.00 | 41.96 0.92 0.00 | 40.41 0.82 0.00 | 39.00 0.73 0.00 | 40.65 0.69 0.00 | 37.94 0.63 0.00 | 39.24 0.85 0.00 | 35.00 0.85 0.00 | 33.15 0.88 0.00 | 29.36 0.78 0.00 |
| BRANSCOMB___SOLAR 323811 | 33.05 1.79 0.00 | 31.67 1.72 -1.05 | 30.70 1.62 -1.65 | 29.90 1.77 0.00 | 35.94 1.76 -7.41 | 77.63 1.26 -57.61 | 40.09 2.20 0.00 | 47.42 2.35 0.00 | 45.29 2.14 0.00 | 42.56 1.89 -0.51 | 42.82 2.28 -0.08 | 42.98 2.24 -1.19 | 42.71 2.20 -0.06 | 42.78 2.26 0.89 | 40.59 2.19 -1.02 | 43.41 2.37 0.00 | 41.79 2.21 0.00 | 40.22 1.95 0.00 | 42.02 2.06 0.00 | 39.28 1.98 0.00 | 40.35 1.95 0.00 | 35.79 1.64 0.00 | 33.76 1.48 0.00 | 29.85 1.27 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 97.79 3.61 -62.92 | 32.89 3.32 -0.68 | 31.52 3.14 -0.95 | 31.31 3.17 -0.02 | 39.31 2.99 -9.54 | 81.11 2.00 -60.35 | 72.72 3.92 -30.91 | 91.15 4.15 -41.95 | 121.39 4.26 -74.00 | 76.59 3.77 -32.65 | 61.39 4.20 -16.73 | 75.09 4.27 -31.27 | 92.51 4.47 -47.59 | 98.13 4.44 -52.28 | 77.00 3.95 -35.68 | 84.31 4.43 -38.84 | 102.60 4.10 -58.92 | 134.24 3.88 -92.09 | 132.97 4.02 -88.99 | 152.36 3.81 -111.24 | 57.34 3.85 -15.09 | 67.60 3.51 -29.94 | 69.40 3.30 -33.83 | 79.76 2.91 -48.26 |
| BRISTLHL_115KV_TB1 79998 | 30.29 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.68 -0.86 -0.11 | 27.21 -0.91 0.00 | 26.45 -0.83 -0.50 | 22.15 -0.56 -3.95 | 36.44 -1.45 0.00 | 43.29 -1.77 0.00 | 41.49 -1.65 0.00 | 38.60 -1.50 0.06 | 39.11 -1.34 0.01 | 38.12 -1.28 0.15 | 39.11 -1.33 0.01 | 35.47 -1.45 4.49 | 36.14 -1.11 0.13 | 39.82 -1.22 0.00 | 38.53 -1.05 0.00 | 37.26 -1.01 0.00 | 38.88 -1.07 0.00 | 36.22 -1.08 0.00 | 37.31 -1.09 0.00 | 33.17 -0.98 0.00 | 31.29 -0.99 0.00 | 27.74 -0.85 0.00 |
| BROOKHAVEN___DRP 24191 | 98.31 3.69 -63.36 | 32.99 3.42 -0.68 | 31.64 3.26 -0.95 | 31.45 3.30 -0.02 | 39.48 3.11 -9.58 | 81.44 2.06 -60.63 | 73.31 4.09 -31.33 | 91.41 4.62 -41.73 | 122.32 4.47 -74.71 | 76.83 3.84 -32.83 | 61.38 4.20 -16.72 | 74.99 4.14 -31.30 | 92.59 4.40 -47.74 | 98.52 4.62 -52.49 | 77.47 4.27 -35.82 | 84.49 4.72 -38.73 | 102.85 4.57 -58.70 | 134.24 4.49 -91.49 | 132.99 4.66 -88.37 | 152.67 4.35 -111.02 | 57.86 4.22 -15.25 | 68.33 3.78 -30.39 | 69.90 3.42 -34.20 | 80.04 3.01 -48.44 |

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| BROOKLYN_NAVY_YARD 23515 | 33.45 2.19 0.00 | 31.33 2.04 -0.39 | 29.98 1.94 -0.61 | 30.10 1.97 0.00 | 31.44 1.84 -2.82 | 42.38 1.23 -22.39 | 40.11 2.23 0.00 | 47.46 2.40 0.00 | 45.49 2.35 0.00 | 43.92 2.21 -1.55 | 43.43 2.71 -0.26 | 45.82 2.64 -3.63 | 43.25 2.62 -0.18 | 43.33 2.62 0.70 | 42.92 2.44 -3.11 | 43.69 2.64 0.00 | 42.15 2.57 0.00 | 40.73 2.47 0.00 | 42.54 2.58 0.00 | 39.71 2.41 0.00 | 40.66 2.26 0.00 | 36.20 2.04 0.00 | 34.00 1.72 0.00 | 30.10 1.51 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 33.65 2.39 0.00 | 31.49 2.21 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.42 1.28 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.54 2.40 0.00 | 43.95 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.39 2.67 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.52 0.00 | 40.84 2.44 0.00 | 36.44 2.28 0.00 | 34.20 1.92 0.00 | 30.27 1.68 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 80.82 2.91 -46.65 | 32.16 2.67 -0.60 | 30.80 2.51 -0.86 | 30.68 2.55 -0.01 | 36.97 2.39 -7.80 | 70.65 1.59 -50.30 | 59.70 2.99 -18.83 | 98.30 3.34 -49.89 | 100.64 3.24 -54.25 | 69.07 2.97 -25.95 | 61.05 3.49 -17.11 | 73.06 3.44 -30.07 | 86.65 3.49 -42.72 | 91.33 3.50 -46.42 | 71.00 3.26 -30.37 | 88.65 3.53 -44.08 | 110.70 3.37 -67.75 | 155.81 3.26 -114.29 | 155.59 3.43 -112.20 | 159.80 3.21 -119.28 | 52.28 3.07 -10.81 | 53.51 2.77 -16.59 | 56.68 2.47 -21.94 | 73.01 2.20 -42.22 |
| BROOME_2_LFGE 323671 | 32.42 0.07 -1.09 | 30.01 0.06 -1.05 | 28.16 0.02 -0.71 | 28.30 -0.02 -0.20 | 28.09 -0.02 -1.33 | 29.18 -0.05 -10.48 | 37.40 -0.49 0.00 | 44.37 -0.69 0.00 | 42.56 -0.59 0.00 | 39.51 -0.50 0.15 | 40.37 -0.22 -0.13 | 39.59 -0.12 -0.16 | 41.07 -0.15 -0.78 | 39.44 -0.22 1.75 | 38.85 -0.02 -1.50 | 43.36 0.03 -2.29 | 42.44 0.05 -2.81 | 38.93 0.07 -0.59 | 40.02 0.06 0.00 | 37.59 -0.08 -0.36 | 40.66 -0.04 -2.30 | 34.99 -0.08 -0.91 | 32.21 -0.14 -0.08 | 28.57 -0.09 -0.07 |
| BROOME___LFGE 323600 | 32.42 0.07 -1.09 | 30.01 0.06 -1.05 | 28.16 0.02 -0.71 | 28.30 -0.02 -0.20 | 28.09 -0.02 -1.33 | 29.18 -0.05 -10.48 | 37.40 -0.49 0.00 | 44.37 -0.69 0.00 | 42.56 -0.59 0.00 | 39.51 -0.50 0.15 | 40.37 -0.22 -0.13 | 39.59 -0.12 -0.16 | 41.07 -0.15 -0.78 | 39.44 -0.22 1.75 | 38.85 -0.02 -1.50 | 43.36 0.03 -2.29 | 42.44 0.05 -2.81 | 38.93 0.07 -0.59 | 40.02 0.06 0.00 | 37.59 -0.08 -0.36 | 40.66 -0.04 -2.30 | 34.99 -0.08 -0.91 | 32.21 -0.14 -0.08 | 28.57 -0.09 -0.07 |
| BROWNFLS_115KV_TB_3_5 80003 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.32 0.24 1.33 | 37.45 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.18 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 33.81 2.56 0.00 | 31.64 2.35 -0.39 | 30.27 2.23 -0.61 | 30.41 2.28 0.00 | 31.71 2.11 -2.82 | 42.57 1.43 -22.39 | 40.56 2.68 0.00 | 47.99 2.93 0.00 | 46.01 2.87 0.00 | 44.41 2.70 -1.55 | 43.94 3.22 -0.26 | 46.33 3.15 -3.63 | 43.78 3.15 -0.18 | 43.87 3.16 0.70 | 43.42 2.93 -3.11 | 44.22 3.18 0.00 | 42.67 3.09 0.00 | 41.24 2.97 0.00 | 43.08 3.12 0.00 | 40.20 2.90 0.00 | 41.16 2.76 0.00 | 36.64 2.49 0.00 | 34.41 2.13 0.00 | 30.46 1.87 0.00 |
| BURROWS___LYONSDAL 23803 | 31.88 0.62 0.00 | 29.41 0.51 0.00 | 27.94 0.51 0.00 | 28.65 0.52 0.00 | 27.30 0.52 0.00 | 19.18 0.37 -0.06 | 38.78 0.89 0.00 | 46.30 1.24 0.00 | 44.23 1.09 0.00 | 41.20 1.04 0.00 | 41.59 1.13 0.00 | 40.64 1.09 0.00 | 41.56 1.11 0.00 | 40.99 1.15 1.58 | 38.44 1.06 0.00 | 42.20 1.16 0.00 | 40.73 1.15 0.00 | 39.37 1.10 0.00 | 41.01 1.06 0.00 | 38.25 0.94 0.00 | 39.43 1.04 0.00 | 35.05 0.89 0.00 | 33.04 0.77 0.00 | 29.17 0.58 0.00 |
| CAITHNESS_CC_1 323624 | 98.20 3.57 -63.37 | 32.89 3.31 -0.68 | 31.50 3.12 -0.95 | 31.35 3.20 -0.02 | 39.38 3.02 -9.58 | 81.39 2.00 -60.64 | 73.22 3.99 -31.34 | 91.18 4.39 -41.73 | 122.14 4.27 -74.73 | 76.71 3.71 -32.84 | 61.26 4.08 -16.72 | 74.88 4.03 -31.30 | 92.46 4.27 -47.74 | 98.34 4.43 -52.49 | 77.31 4.11 -35.83 | 84.28 4.51 -38.72 | 102.66 4.38 -58.69 | 134.03 4.29 -91.47 | 132.77 4.45 -88.36 | 152.50 4.18 -111.02 | 57.66 4.01 -15.25 | 68.16 3.60 -30.41 | 69.76 3.28 -34.21 | 79.92 2.89 -48.44 |
| CALPINE BETH_PAGE_GT4 24209 | 91.18 2.97 -56.95 | 32.29 2.73 -0.65 | 30.92 2.57 -0.92 | 30.74 2.60 -0.01 | 38.13 2.45 -8.90 | 76.89 1.56 -56.58 | 66.28 2.98 -25.42 | 93.21 3.30 -44.84 | 110.97 3.23 -64.60 | 73.29 2.94 -30.19 | 60.68 3.35 -16.87 | 73.71 3.32 -30.84 | 89.56 3.45 -45.66 | 94.38 3.46 -49.50 | 74.31 3.22 -33.72 | 84.93 3.49 -40.40 | 104.79 3.30 -61.90 | 141.67 3.20 -100.20 | 140.74 3.35 -97.43 | 154.81 3.25 -114.26 | 54.51 3.08 -13.04 | 60.87 2.81 -23.90 | 63.68 2.56 -28.86 | 76.76 2.31 -45.87 |
| CALPINE_BETH_PAGE_GT_4 323586 | 91.18 2.97 -56.95 | 32.29 2.75 -0.65 | 30.90 2.55 -0.92 | 30.75 2.61 -0.01 | 38.13 2.45 -8.90 | 76.91 1.58 -56.58 | 66.35 3.05 -25.42 | 93.20 3.30 -44.84 | 110.98 3.23 -64.60 | 73.30 2.95 -30.19 | 60.67 3.34 -16.87 | 73.70 3.31 -30.84 | 89.57 3.46 -45.66 | 94.38 3.46 -49.50 | 74.32 3.23 -33.72 | 84.93 3.49 -40.40 | 104.81 3.32 -61.90 | 141.68 3.21 -100.20 | 140.76 3.37 -97.43 | 154.84 3.28 -114.26 | 54.51 3.08 -13.04 | 60.87 2.81 -23.90 | 63.69 2.56 -28.86 | 76.76 2.31 -45.87 |
| CALPINE_BP_GT1 23823 | 91.18 2.97 -56.95 | 32.29 2.75 -0.65 | 30.90 2.55 -0.92 | 30.75 2.61 -0.01 | 38.13 2.45 -8.90 | 76.91 1.58 -56.58 | 66.35 3.05 -25.42 | 93.20 3.30 -44.84 | 110.98 3.23 -64.60 | 73.30 2.95 -30.19 | 60.67 3.34 -16.87 | 73.70 3.31 -30.84 | 89.57 3.46 -45.66 | 94.38 3.46 -49.50 | 74.32 3.23 -33.72 | 84.93 3.49 -40.40 | 104.81 3.32 -61.90 | 141.68 3.21 -100.20 | 140.76 3.37 -97.43 | 154.84 3.28 -114.26 | 54.51 3.08 -13.04 | 60.87 2.81 -23.90 | 63.69 2.56 -28.86 | 76.76 2.31 -45.87 |
| CALSPAN___DRP 24200 | 30.35 -0.94 -0.03 | 28.05 -0.97 -0.12 | 26.40 -1.21 -0.18 | 26.58 -1.55 0.00 | 26.12 -1.43 -0.77 | 23.72 -1.15 -6.12 | 31.56 -3.57 2.75 | 40.63 -4.43 0.00 | 39.25 -3.89 0.00 | 34.87 -3.51 1.79 | 37.16 -3.29 0.02 | 36.38 -2.94 0.22 | 37.37 -3.07 0.01 | 34.23 -2.88 4.31 | 35.14 -2.04 0.19 | 38.86 -2.19 0.00 | 37.68 -1.90 0.00 | 36.23 -2.04 0.00 | 37.61 -2.35 0.00 | 34.74 -2.56 0.00 | 36.40 -1.99 0.00 | 32.33 -1.83 0.00 | 30.46 -1.81 0.00 | 27.28 -1.31 0.00 |
| CALVERTON___SOLAR 323806 | 98.45 3.84 -63.35 | 33.14 3.56 -0.68 | 31.74 3.36 -0.95 | 31.59 3.45 -0.02 | 39.62 3.26 -9.58 | 81.55 2.17 -60.63 | 73.58 4.37 -31.33 | 91.64 4.85 -41.73 | 122.54 4.69 -74.70 | 77.00 4.01 -32.83 | 61.52 4.34 -16.72 | 75.13 4.28 -31.30 | 92.75 4.56 -47.74 | 98.69 4.79 -52.48 | 77.65 4.45 -35.82 | 84.69 4.92 -38.73 | 103.10 4.81 -58.70 | 134.51 4.75 -91.50 | 133.26 4.92 -88.38 | 152.94 4.61 -111.02 | 58.08 4.44 -15.25 | 68.50 3.96 -30.39 | 70.06 3.59 -34.20 | 80.18 3.15 -48.44 |
| CANDIGU_WT_PWR 323617 | 31.90 -0.56 -1.20 | 29.37 -0.61 -1.08 | 27.32 -0.79 -0.68 | 27.31 -1.04 -0.22 | 26.64 -1.10 -0.97 | 25.52 -0.88 -7.64 | 29.30 -2.87 5.71 | 41.66 -3.41 0.00 | 40.28 -2.86 0.00 | 33.91 -2.79 3.45 | 37.95 -2.66 -0.15 | 37.42 -2.41 -0.27 | 38.78 -2.49 -0.82 | 36.85 -2.40 2.17 | 37.35 -1.69 -1.67 | 41.89 -1.57 -2.42 | 41.41 -1.26 -3.09 | 37.70 -1.22 -0.65 | 38.68 -1.28 0.00 | 36.24 -1.47 -0.40 | 39.89 -1.04 -2.54 | 34.12 -1.04 -1.01 | 31.26 -1.10 -0.09 | 27.82 -0.85 -0.08 |

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| CARR STREET_E_SYR 24060 | 30.42 -0.84 0.00 | 28.20 -0.77 -0.07 | 26.80 -0.75 -0.12 | 27.32 -0.81 0.00 | 26.58 -0.74 -0.53 | 22.48 -0.50 -4.23 | 36.53 -1.35 0.00 | 43.41 -1.65 0.00 | 41.63 -1.51 0.00 | 38.74 -1.36 0.07 | 39.26 -1.19 0.01 | 38.27 -1.12 0.16 | 39.27 -1.17 0.01 | 35.87 -1.30 4.24 | 36.29 -0.95 0.13 | 39.98 -1.06 0.00 | 38.67 -0.91 0.00 | 37.40 -0.87 0.00 | 39.02 -0.94 0.00 | 36.33 -0.97 0.00 | 37.42 -0.97 0.00 | 33.24 -0.91 0.00 | 31.33 -0.94 0.00 | 27.79 -0.80 0.00 |
| CARTHAGE___PAPER 23857 | 31.65 0.38 0.00 | 29.17 0.24 -0.04 | 27.73 0.24 -0.06 | 28.38 0.24 0.00 | 27.31 0.26 -0.27 | 21.05 0.18 -2.12 | 38.54 0.66 0.00 | 46.14 1.08 0.00 | 43.98 0.83 0.00 | 40.96 0.80 0.00 | 41.30 0.85 0.00 | 40.36 0.81 0.00 | 41.33 0.88 0.00 | 39.98 0.98 2.42 | 38.25 0.88 0.00 | 41.96 0.92 0.00 | 40.53 0.95 0.00 | 39.15 0.89 0.00 | 40.72 0.77 0.00 | 37.97 0.67 0.00 | 39.22 0.82 0.00 | 34.87 0.71 0.00 | 32.86 0.59 0.00 | 28.98 0.40 0.00 |
| CASSADAGA_WT_PWR 323784 | 27.10 -0.67 3.49 | 25.25 -0.98 2.66 | 25.04 -1.21 1.18 | 25.81 -1.67 0.65 | 25.74 -1.84 -0.80 | 23.75 -1.31 -6.31 | 31.85 -3.20 2.83 | 40.41 -4.66 0.00 | 39.43 -3.71 0.00 | 34.96 -3.34 1.86 | 36.88 -3.04 0.53 | 35.12 -2.53 1.90 | 35.15 -2.64 2.66 | 28.82 -2.48 10.11 | 29.50 -1.63 6.25 | 31.61 -1.65 7.79 | 28.90 -1.52 9.16 | 34.73 -1.59 1.96 | 38.29 -1.67 0.00 | 34.18 -1.92 1.20 | 29.59 -1.21 7.60 | 30.08 -1.06 3.02 | 30.98 -1.02 0.28 | 27.50 -0.84 0.25 |
| CE_DUNWOOD___DRP 24194 | 33.40 2.14 0.00 | 31.27 1.98 -0.39 | 29.91 1.87 -0.61 | 30.03 1.90 0.00 | 31.34 1.74 -2.82 | 42.29 1.18 -22.36 | 40.08 2.20 0.00 | 47.44 2.38 0.00 | 45.44 2.30 0.00 | 43.89 2.13 -1.60 | 43.34 2.61 -0.27 | 45.86 2.56 -3.75 | 43.22 2.58 -0.18 | 43.30 2.58 0.69 | 42.98 2.39 -3.21 | 43.64 2.60 0.00 | 42.10 2.52 0.00 | 40.68 2.41 0.00 | 42.52 2.57 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.18 2.02 0.00 | 34.02 1.74 0.00 | 30.11 1.53 0.00 |
| CE_MILLWOOD___DRP 24193 | 33.34 2.08 0.00 | 31.21 1.92 -0.39 | 29.85 1.82 -0.60 | 29.98 1.85 0.00 | 31.29 1.69 -2.82 | 42.24 1.15 -22.34 | 40.02 2.13 0.00 | 47.35 2.29 0.00 | 45.36 2.21 0.00 | 43.84 2.04 -1.64 | 43.25 2.52 -0.27 | 45.86 2.47 -3.85 | 43.13 2.49 -0.19 | 43.22 2.47 0.67 | 42.98 2.31 -3.30 | 43.55 2.51 0.00 | 42.02 2.43 0.00 | 40.60 2.32 0.00 | 42.45 2.49 0.00 | 39.62 2.32 0.00 | 40.56 2.16 0.00 | 36.11 1.95 0.00 | 33.93 1.66 0.00 | 30.04 1.46 0.00 |
| CE_NYC2_DRP 24202 | 33.57 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.01 -0.61 | 30.17 2.04 0.00 | 31.49 1.88 -2.82 | 42.40 1.25 -22.39 | 40.22 2.33 0.00 | 47.56 2.49 0.00 | 45.56 2.42 0.00 | 43.99 2.28 -1.55 | 43.49 2.77 -0.26 | 45.87 2.69 -3.63 | 43.32 2.69 -0.18 | 43.38 2.67 0.70 | 42.96 2.48 -3.11 | 43.72 2.67 0.00 | 42.16 2.57 0.00 | 40.74 2.47 0.00 | 42.55 2.59 0.00 | 39.75 2.45 0.00 | 40.71 2.31 0.00 | 36.27 2.12 0.00 | 34.05 1.77 0.00 | 30.14 1.55 0.00 |
| CE_NYC_DRP 24195 | 33.50 2.24 0.00 | 31.36 2.08 -0.39 | 30.01 1.97 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.18 2.29 0.00 | 47.53 2.47 0.00 | 45.56 2.41 0.00 | 43.99 2.28 -1.55 | 43.51 2.79 -0.26 | 45.91 2.73 -3.64 | 43.35 2.72 -0.18 | 43.42 2.71 0.70 | 43.01 2.52 -3.12 | 43.78 2.74 0.00 | 42.23 2.65 0.00 | 40.80 2.53 0.00 | 42.62 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.07 1.79 0.00 | 30.16 1.57 0.00 |
| CHAFFEE___LFGE 323603 | 27.29 -0.84 3.13 | 25.63 -0.89 2.38 | 25.29 -1.10 1.05 | 26.11 -1.44 0.58 | 26.23 -1.33 -0.78 | 23.88 -1.09 -6.21 | 31.72 -3.40 2.77 | 40.88 -4.18 0.00 | 39.46 -3.68 0.00 | 35.06 -3.29 1.81 | 36.90 -3.08 0.48 | 35.15 -2.67 1.72 | 35.27 -2.78 2.39 | 29.15 -2.71 9.55 | 29.80 -1.93 5.64 | 31.97 -2.05 7.02 | 29.58 -1.77 8.24 | 34.60 -1.91 1.76 | 37.77 -2.19 0.00 | 33.80 -2.43 1.08 | 29.69 -1.87 6.83 | 29.72 -1.73 2.71 | 30.31 -1.72 0.25 | 27.15 -1.22 0.22 |
| CHATEAUG_35_KV_LOAD 355732 | 32.04 0.78 0.00 | 29.59 0.69 0.00 | 28.22 0.79 0.00 | 28.94 0.81 0.00 | 27.55 0.77 0.00 | 19.32 0.56 0.00 | 39.47 1.58 0.00 | 47.32 2.25 0.00 | 45.30 2.16 0.00 | 42.10 1.93 0.00 | 42.15 1.69 0.00 | 41.13 1.58 0.00 | 42.08 1.63 0.00 | 42.76 1.67 0.32 | 38.75 1.37 0.00 | 42.51 1.46 0.00 | 41.02 1.43 0.00 | 39.60 1.33 0.00 | 41.36 1.40 0.00 | 38.64 1.34 0.00 | 39.76 1.37 0.00 | 35.34 1.19 0.00 | 33.44 1.17 0.00 | 29.83 1.25 0.00 |
| CHATEAUG_WT_PWR 323614 | 31.91 0.65 0.00 | 29.47 0.57 0.00 | 28.11 0.68 0.00 | 28.85 0.73 0.00 | 27.46 0.68 0.00 | 19.26 0.51 0.00 | 39.32 1.43 0.00 | 47.09 2.03 0.00 | 45.08 1.94 0.00 | 41.89 1.73 0.00 | 42.01 1.56 0.00 | 40.99 1.44 0.00 | 41.94 1.49 0.00 | 42.67 1.53 0.28 | 38.64 1.27 0.00 | 42.39 1.34 0.00 | 40.89 1.31 0.00 | 39.45 1.18 0.00 | 41.22 1.26 0.00 | 38.51 1.20 0.00 | 39.59 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.77 1.19 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 32.04 0.78 0.00 | 29.59 0.69 0.00 | 28.22 0.79 0.00 | 28.94 0.81 0.00 | 27.54 0.76 0.00 | 19.31 0.56 0.00 | 39.46 1.58 0.00 | 47.32 2.25 0.00 | 45.30 2.16 0.00 | 42.09 1.93 0.00 | 42.15 1.69 0.00 | 41.13 1.58 0.00 | 42.08 1.63 0.00 | 42.76 1.67 0.32 | 38.75 1.38 0.00 | 42.51 1.46 0.00 | 41.01 1.43 0.00 | 39.60 1.33 0.00 | 41.36 1.40 0.00 | 38.64 1.34 0.00 | 39.76 1.37 0.00 | 35.34 1.18 0.00 | 33.44 1.17 0.00 | 29.83 1.25 0.00 |
| CHAUTAUQUA___LFGE 323629 | 27.04 -0.89 3.33 | 25.31 -1.06 2.54 | 25.05 -1.27 1.12 | 25.90 -1.62 0.62 | 25.97 -1.60 -0.79 | 23.80 -1.22 -6.27 | 31.67 -3.38 2.84 | 40.67 -4.39 0.00 | 39.38 -3.76 0.00 | 34.92 -3.38 1.86 | 36.83 -3.12 0.51 | 35.00 -2.73 1.82 | 35.05 -2.86 2.54 | 28.78 -2.77 9.86 | 29.46 -1.94 5.98 | 31.62 -1.98 7.44 | 29.03 -1.80 8.75 | 34.57 -1.83 1.87 | 37.95 -2.01 0.00 | 33.89 -2.27 1.15 | 29.48 -1.66 7.26 | 29.76 -1.52 2.88 | 30.55 -1.46 0.26 | 27.22 -1.13 0.23 |
| CHERRYST_13_KV_LD 356241 | 33.58 2.33 0.00 | 31.43 2.14 -0.39 | 30.09 2.05 -0.61 | 30.23 2.10 0.00 | 31.54 1.94 -2.82 | 42.45 1.30 -22.39 | 40.31 2.42 0.00 | 47.67 2.61 0.00 | 45.70 2.56 0.00 | 44.13 2.43 -1.55 | 43.66 2.94 -0.26 | 46.06 2.88 -3.64 | 43.49 2.87 -0.18 | 43.58 2.88 0.70 | 43.15 2.66 -3.12 | 43.93 2.89 0.00 | 42.38 2.80 0.00 | 40.94 2.67 0.00 | 42.76 2.81 0.00 | 39.90 2.60 0.00 | 40.83 2.43 0.00 | 36.36 2.21 0.00 | 34.16 1.89 0.00 | 30.24 1.66 0.00 |
| CHESTROR_138KV_BK263 355645 | 32.82 1.56 0.00 | 30.73 1.46 -0.36 | 29.38 1.39 -0.56 | 29.54 1.41 0.00 | 30.68 1.28 -2.62 | 40.39 0.87 -20.77 | 39.46 1.57 0.00 | 46.71 1.65 0.00 | 44.72 1.58 0.00 | 39.46 1.40 2.10 | 41.94 1.83 0.35 | 36.42 1.81 4.94 | 42.04 1.83 0.24 | 41.01 1.79 2.20 | 34.83 1.69 4.24 | 42.89 1.85 0.00 | 41.39 1.81 0.00 | 40.01 1.73 0.00 | 41.85 1.89 0.00 | 39.06 1.76 0.00 | 39.99 1.60 0.00 | 35.59 1.44 0.00 | 33.50 1.22 0.00 | 29.66 1.08 0.00 |
| CH_MIDHUDSON___DRP 24192 | 33.34 2.08 0.00 | 31.20 1.90 -0.40 | 29.84 1.79 -0.62 | 29.97 1.85 0.00 | 31.34 1.68 -2.88 | 42.77 1.17 -22.85 | 40.22 2.33 0.00 | 47.61 2.55 0.00 | 45.59 2.45 0.00 | 42.91 2.27 -0.48 | 43.25 2.71 -0.08 | 43.35 2.67 -1.13 | 43.22 2.72 -0.06 | 43.00 2.70 1.12 | 40.86 2.52 -0.97 | 43.79 2.75 0.00 | 42.26 2.68 0.00 | 40.83 2.57 0.00 | 42.69 2.73 0.00 | 39.83 2.52 0.00 | 40.79 2.40 0.00 | 36.29 2.13 0.00 | 34.11 1.84 0.00 | 30.19 1.61 0.00 |

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| CH_MISC_IPPS 23765 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.06 1.94 0.00 | 31.41 1.80 -2.83 | 42.46 1.26 -22.45 | 40.30 2.42 0.00 | 47.73 2.67 0.00 | 45.70 2.55 0.00 | 42.62 2.36 -0.10 | 43.27 2.79 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.87 2.83 0.00 | 42.38 2.80 0.00 | 40.96 2.69 0.00 | 42.82 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.91 0.00 | 30.24 1.66 0.00 |
| CH_RES_BVR_FALLS 23983 | 31.25 -0.01 0.00 | 28.84 -0.06 0.00 | 27.41 -0.03 0.00 | 28.11 -0.02 0.00 | 26.75 -0.03 0.00 | 18.71 -0.04 0.00 | 38.09 0.20 0.00 | 45.52 0.46 0.00 | 43.47 0.33 0.00 | 40.43 0.27 0.00 | 40.56 0.10 0.00 | 39.67 0.12 0.00 | 40.62 0.17 0.00 | 41.40 0.22 0.24 | 37.40 0.03 0.00 | 41.05 0.01 0.00 | 39.48 -0.10 0.00 | 38.15 -0.12 0.00 | 39.85 -0.10 0.00 | 37.24 -0.06 0.00 | 38.46 0.07 0.00 | 34.23 0.07 0.00 | 32.41 0.13 0.00 | 28.72 0.13 0.00 |
| CH_RES_NIAGARA 23895 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 34.82 -5.25 0.39 | 33.15 -4.97 1.43 | 33.40 -5.10 1.95 | 27.79 -4.99 8.63 | 28.84 -3.93 4.61 | 31.08 -4.25 5.71 | 28.93 -3.97 6.68 | 32.72 -4.12 1.43 | 35.43 -4.53 0.00 | 31.84 -4.59 0.88 | 28.82 -4.04 5.54 | 28.35 -3.61 2.20 | 28.63 -3.44 0.20 | 25.79 -2.61 0.18 |
| CH_RES_SYRACUSE 23985 | 30.80 -0.46 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.93 -0.42 -0.57 | 23.04 -0.27 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.70 0.01 | 38.72 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.72 -0.50 0.14 | 40.48 -0.56 0.00 | 39.16 -0.42 0.00 | 37.87 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.50 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| CLINTON_WT_PWR 323605 | 31.91 0.65 0.00 | 29.47 0.57 0.00 | 28.11 0.68 0.00 | 28.85 0.73 0.00 | 27.46 0.68 0.00 | 19.26 0.51 0.00 | 39.32 1.43 0.00 | 47.09 2.03 0.00 | 45.08 1.94 0.00 | 41.89 1.73 0.00 | 42.01 1.56 0.00 | 40.99 1.44 0.00 | 41.94 1.49 0.00 | 42.67 1.53 0.28 | 38.64 1.27 0.00 | 42.39 1.34 0.00 | 40.89 1.31 0.00 | 39.45 1.18 0.00 | 41.22 1.26 0.00 | 38.51 1.20 0.00 | 39.59 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.77 1.19 0.00 |
| CLINTON__LFGE 323618 | 32.26 1.00 0.00 | 29.82 0.91 0.00 | 28.47 1.04 0.00 | 29.23 1.10 0.00 | 27.82 1.04 0.00 | 19.53 0.77 0.00 | 39.85 1.97 0.00 | 47.74 2.68 0.00 | 45.74 2.60 0.00 | 42.47 2.31 0.00 | 42.63 2.17 0.00 | 41.54 1.99 0.00 | 42.47 2.02 0.00 | 43.22 2.10 0.29 | 39.20 1.82 0.00 | 42.98 1.94 0.00 | 41.49 1.91 0.00 | 40.07 1.80 0.00 | 41.87 1.91 0.00 | 39.12 1.82 0.00 | 40.17 1.77 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.20 1.62 0.00 |
| COBBLENY_34_KV_TB1 80064 | 30.45 -0.83 -0.02 | 28.15 -0.87 -0.12 | 26.51 -1.10 -0.18 | 26.69 -1.44 0.00 | 26.26 -1.31 -0.78 | 23.89 -1.08 -6.21 | 31.73 -3.39 2.77 | 40.88 -4.18 0.00 | 39.45 -3.69 0.00 | 35.03 -3.31 1.81 | 37.36 -3.09 0.02 | 36.68 -2.65 0.22 | 37.66 -2.78 0.01 | 34.44 -2.69 4.29 | 35.28 -1.90 0.19 | 39.01 -2.03 0.00 | 37.83 -1.75 0.00 | 36.38 -1.88 0.00 | 37.77 -2.19 0.00 | 34.90 -2.40 0.00 | 36.55 -1.84 0.00 | 32.45 -1.71 0.00 | 30.54 -1.73 0.00 | 27.35 -1.23 0.00 |
| COFFEEN__115KV_TB3 355620 | 31.42 0.17 0.00 | 28.97 0.03 -0.04 | 27.54 0.04 -0.07 | 28.16 0.03 0.00 | 27.17 0.08 -0.31 | 21.30 0.08 -2.47 | 38.24 0.36 0.00 | 45.76 0.70 0.00 | 43.61 0.47 0.00 | 40.64 0.48 0.00 | 41.06 0.61 0.00 | 40.13 0.58 0.00 | 41.08 0.63 0.00 | 39.34 0.72 2.80 | 38.12 0.75 0.00 | 41.77 0.73 0.00 | 40.40 0.82 0.00 | 39.10 0.83 0.00 | 40.65 0.69 0.00 | 37.89 0.58 0.00 | 39.09 0.70 0.00 | 34.71 0.55 0.00 | 32.65 0.38 0.00 | 28.75 0.17 0.00 |
| COLDSPRG_115KV_BK1 355956 | 31.49 0.21 -0.02 | 29.04 0.02 -0.12 | 27.35 -0.27 -0.18 | 27.49 -0.64 0.00 | 26.91 -0.67 -0.81 | 24.51 -0.62 -6.38 | 32.99 -2.07 2.83 | 42.21 -2.86 0.00 | 40.85 -2.29 0.00 | 36.35 -1.94 1.87 | 38.94 -1.51 0.02 | 38.21 -1.11 0.23 | 39.23 -1.21 0.01 | 36.18 -0.98 4.26 | 36.78 -0.40 0.20 | 40.51 -0.54 0.00 | 39.19 -0.39 0.00 | 37.70 -0.57 0.00 | 39.28 -0.67 0.00 | 36.27 -1.04 0.00 | 37.93 -0.47 0.00 | 33.72 -0.44 0.00 | 31.81 -0.47 0.00 | 28.33 -0.25 0.00 |
| COLONIE_LFGE__ 323577 | 32.90 1.64 0.00 | 31.49 1.61 -0.97 | 30.50 1.54 -1.53 | 29.74 1.61 0.00 | 35.23 1.58 -6.87 | 73.31 1.10 -53.45 | 39.75 1.86 0.00 | 46.89 1.83 0.00 | 44.88 1.74 0.00 | 42.32 1.63 -0.53 | 42.56 2.01 -0.09 | 42.67 1.88 -1.24 | 42.40 1.89 -0.06 | 42.49 1.96 0.89 | 40.34 1.90 -1.06 | 43.17 2.13 0.00 | 41.44 1.86 0.00 | 39.78 1.51 0.00 | 41.66 1.70 0.00 | 39.08 1.78 0.00 | 40.14 1.74 0.00 | 35.68 1.53 0.00 | 33.67 1.40 0.00 | 29.78 1.20 0.00 |
| COOPERNY_115KV_TB1 80082 | 32.39 1.13 0.00 | 30.28 1.07 -0.31 | 28.93 1.01 -0.48 | 29.16 1.03 0.00 | 29.95 0.94 -2.23 | 37.02 0.62 -17.64 | 38.98 1.09 0.00 | 46.18 1.11 0.00 | 44.19 1.04 0.00 | 39.89 0.95 1.22 | 41.56 1.31 0.20 | 37.99 1.30 2.86 | 41.62 1.31 0.14 | 40.72 1.27 1.96 | 36.13 1.21 2.45 | 42.37 1.33 0.00 | 40.87 1.29 0.00 | 39.51 1.24 0.00 | 41.31 1.35 0.00 | 38.54 1.24 0.00 | 39.52 1.13 0.00 | 35.16 1.00 0.00 | 33.12 0.84 0.00 | 29.34 0.75 0.00 |
| COPENHAGEN_WT_PWR 323753 | 31.17 -0.09 0.00 | 28.74 -0.21 -0.05 | 27.33 -0.17 -0.07 | 27.95 -0.18 0.00 | 26.98 -0.13 -0.32 | 21.23 -0.09 -2.57 | 37.85 -0.04 0.00 | 45.25 0.19 0.00 | 43.06 -0.08 0.00 | 40.12 -0.04 0.00 | 40.56 0.10 0.00 | 39.66 0.11 0.00 | 40.63 0.18 0.00 | 38.75 0.24 2.90 | 37.68 0.30 0.00 | 41.30 0.25 0.00 | 39.89 0.31 0.00 | 38.54 0.27 0.00 | 40.08 0.12 0.00 | 37.38 0.08 0.00 | 38.62 0.23 0.00 | 34.32 0.16 0.00 | 32.34 0.06 0.00 | 28.52 -0.06 0.00 |
| CORNELL____ 23752 | 31.86 0.60 0.00 | 29.57 0.53 -0.14 | 28.11 0.46 -0.22 | 28.53 0.40 0.00 | 28.19 0.43 -0.98 | 26.82 0.33 -7.74 | 49.89 0.32 -11.69 | 45.44 0.38 0.00 | 43.61 0.47 0.00 | 48.13 0.47 -7.50 | 41.13 0.69 0.02 | 40.03 0.75 0.27 | 41.17 0.73 0.01 | 38.22 0.68 3.88 | 37.97 0.83 0.23 | 41.97 0.93 0.00 | 40.62 1.04 0.00 | 39.29 1.02 0.00 | 41.02 1.06 0.00 | 38.11 0.81 0.00 | 39.26 0.87 0.00 | 34.82 0.67 0.00 | 32.77 0.50 0.00 | 29.02 0.44 0.00 |
| CORONAAV_69_KV_TB1 355595 | 95.22 3.05 -60.91 | 32.35 2.79 -0.66 | 30.99 2.63 -0.93 | 30.78 2.65 -0.01 | 38.60 2.50 -9.31 | 78.05 1.67 -57.63 | 50.82 3.09 -9.84 | 104.79 3.51 -56.22 | 84.08 3.34 -37.60 | 76.03 3.10 -32.77 | 64.22 3.60 -20.16 | 78.66 3.53 -35.59 | 94.20 3.64 -50.11 | 92.55 3.62 -47.52 | 77.78 3.37 -37.04 | 89.56 3.61 -44.91 | 117.41 3.47 -74.35 | 168.74 3.38 -127.09 | 167.59 3.57 -124.06 | 176.20 3.32 -135.58 | 48.81 3.13 -7.28 | 44.48 2.85 -7.48 | 54.26 2.57 -19.41 | 77.56 2.25 -46.72 |
| CORTLAND_115KV_TB3 80093 | 31.52 0.26 0.00 | 29.25 0.24 -0.11 | 27.80 0.19 -0.18 | 28.29 0.16 0.00 | 27.78 0.18 -0.81 | 25.33 0.13 -6.44 | 41.02 -0.04 -3.17 | 45.00 -0.06 0.00 | 43.15 0.00 0.00 | 42.17 0.05 -1.96 | 40.71 0.27 0.02 | 39.61 0.29 0.23 | 40.69 0.25 0.01 | 37.86 0.20 3.76 | 37.56 0.38 0.20 | 41.48 0.44 0.00 | 40.09 0.51 0.00 | 38.78 0.51 0.00 | 40.47 0.51 0.00 | 37.64 0.34 0.00 | 38.77 0.38 0.00 | 34.41 0.26 0.00 | 32.41 0.14 0.00 | 28.72 0.13 0.00 |

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|--------------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| COXSACKIE___GT 23611 | 34.08 2.83 0.00 | 32.19 2.67 -0.62 | 30.95 2.55 -0.98 | 30.78 2.65 0.00 | 33.82 2.64 -4.39 | 55.12 1.87 -34.49 | 41.53 3.64 0.00 | 49.20 4.14 0.00 | 47.12 3.98 0.00 | 43.90 3.39 -0.36 | 44.23 3.71 -0.06 | 44.14 3.75 -0.84 | 44.37 3.88 -0.04 | 44.35 3.96 1.03 | 41.97 3.88 -0.72 | 45.33 4.29 0.00 | 43.82 4.23 0.00 | 42.16 3.89 0.00 | 43.95 4.00 0.00 | 41.18 3.87 0.00 | 42.14 3.74 0.00 | 37.34 3.18 0.00 | 35.16 2.89 0.00 | 31.02 2.44 0.00 |
| CPV_VALLEY___CC1 323721 | 32.54 1.28 0.00 | 30.46 1.22 -0.34 | 29.13 1.16 -0.53 | 29.30 1.17 0.00 | 30.34 1.08 -2.47 | 39.10 0.73 -19.62 | 39.14 1.26 0.00 | 46.33 1.27 0.00 | 44.35 1.21 0.00 | 39.49 1.07 1.74 | 41.65 1.48 0.29 | 36.92 1.47 4.09 | 41.73 1.48 0.20 | 40.75 1.43 2.10 | 35.23 1.36 3.51 | 42.52 1.48 0.00 | 41.03 1.45 0.00 | 39.65 1.38 0.00 | 41.48 1.53 0.00 | 38.73 1.42 0.00 | 39.65 1.26 0.00 | 35.29 1.14 0.00 | 33.22 0.95 0.00 | 29.42 0.84 0.00 |
| CPV_VALLEY___CC2 323722 | 32.54 1.28 0.00 | 30.46 1.22 -0.34 | 29.13 1.16 -0.53 | 29.30 1.17 0.00 | 30.34 1.08 -2.47 | 39.10 0.73 -19.62 | 39.14 1.26 0.00 | 46.33 1.27 0.00 | 44.35 1.21 0.00 | 39.49 1.07 1.74 | 41.65 1.48 0.29 | 36.92 1.47 4.09 | 41.73 1.48 0.20 | 40.75 1.43 2.10 | 35.23 1.36 3.51 | 42.52 1.48 0.00 | 41.03 1.45 0.00 | 39.65 1.38 0.00 | 41.48 1.53 0.00 | 38.73 1.42 0.00 | 39.65 1.26 0.00 | 35.29 1.14 0.00 | 33.22 0.95 0.00 | 29.42 0.84 0.00 |
| CRESCENT___HYD 24018 | 32.90 1.64 0.00 | 31.49 1.61 -0.97 | 30.50 1.54 -1.53 | 29.74 1.61 0.00 | 35.23 1.58 -6.87 | 73.31 1.10 -53.45 | 39.75 1.86 0.00 | 46.89 1.83 0.00 | 44.88 1.74 0.00 | 42.32 1.63 -0.53 | 42.56 2.01 -0.09 | 42.67 1.88 -1.24 | 42.40 1.89 -0.06 | 42.49 1.96 0.89 | 40.34 1.90 -1.06 | 43.17 2.13 0.00 | 41.44 1.86 0.00 | 39.78 1.51 0.00 | 41.66 1.70 0.00 | 39.08 1.78 0.00 | 40.14 1.74 0.00 | 35.68 1.53 0.00 | 33.67 1.40 0.00 | 29.78 1.20 0.00 |
| CRICKET___VALLEY_CC1 323756 | 33.20 1.94 0.00 | 31.06 1.75 -0.41 | 29.71 1.64 -0.65 | 29.81 1.68 0.00 | 31.36 1.56 -3.02 | 43.80 1.11 -23.94 | 39.99 2.10 0.00 | 47.28 2.22 0.00 | 45.28 2.14 0.00 | 43.21 2.01 -1.04 | 43.08 2.45 -0.17 | 44.39 2.40 -2.45 | 43.01 2.44 -0.12 | 42.96 2.42 0.87 | 41.74 2.27 -2.10 | 43.49 2.45 0.00 | 41.95 2.37 0.00 | 40.53 2.26 0.00 | 42.35 2.39 0.00 | 39.55 2.25 0.00 | 40.51 2.12 0.00 | 36.06 1.90 0.00 | 33.92 1.65 0.00 | 30.04 1.45 0.00 |
| CRICKET___VALLEY_CC2 323757 | 33.20 1.94 0.00 | 31.06 1.75 -0.41 | 29.71 1.64 -0.65 | 29.81 1.68 0.00 | 31.36 1.56 -3.02 | 43.80 1.11 -23.94 | 39.99 2.10 0.00 | 47.28 2.22 0.00 | 45.28 2.14 0.00 | 43.21 2.01 -1.04 | 43.08 2.45 -0.17 | 44.39 2.40 -2.45 | 43.01 2.44 -0.12 | 42.96 2.42 0.87 | 41.74 2.27 -2.10 | 43.49 2.45 0.00 | 41.95 2.37 0.00 | 40.53 2.26 0.00 | 42.35 2.39 0.00 | 39.55 2.25 0.00 | 40.51 2.12 0.00 | 36.06 1.90 0.00 | 33.92 1.65 0.00 | 30.04 1.45 0.00 |
| CRICKET___VALLEY_CC3 323758 | 33.20 1.94 0.00 | 31.06 1.75 -0.41 | 29.71 1.64 -0.65 | 29.81 1.68 0.00 | 31.36 1.56 -3.02 | 43.80 1.11 -23.94 | 39.99 2.10 0.00 | 47.28 2.22 0.00 | 45.28 2.14 0.00 | 43.21 2.01 -1.04 | 43.08 2.45 -0.17 | 44.39 2.40 -2.45 | 43.01 2.44 -0.12 | 42.96 2.42 0.87 | 41.74 2.27 -2.10 | 43.49 2.45 0.00 | 41.95 2.37 0.00 | 40.53 2.26 0.00 | 42.35 2.39 0.00 | 39.55 2.25 0.00 | 40.51 2.12 0.00 | 36.06 1.90 0.00 | 33.92 1.65 0.00 | 30.04 1.45 0.00 |
| CRUCIBLE_METL_DRP 24180 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| DAHOWA___HYDRO 323763 | 33.08 1.82 0.00 | 31.70 1.74 -1.06 | 30.74 1.65 -1.66 | 29.95 1.82 0.00 | 36.07 1.81 -7.48 | 78.24 1.32 -58.17 | 40.20 2.31 0.00 | 47.59 2.52 0.00 | 45.42 2.27 0.00 | 42.62 1.96 -0.50 | 42.90 2.36 -0.08 | 43.08 2.35 -1.18 | 42.79 2.28 -0.06 | 42.87 2.36 0.90 | 40.67 2.28 -1.02 | 43.48 2.43 0.00 | 41.88 2.30 0.00 | 40.34 2.07 0.00 | 42.11 2.16 0.00 | 39.34 2.04 0.00 | 40.40 2.01 0.00 | 35.81 1.66 0.00 | 33.77 1.50 0.00 | 29.86 1.28 0.00 |
| DANC___LFGE 323619 | 30.72 -0.54 0.00 | 28.38 -0.58 -0.05 | 26.98 -0.54 -0.08 | 27.57 -0.56 0.00 | 26.67 -0.50 -0.39 | 21.50 -0.34 -3.08 | 37.18 -0.71 0.00 | 44.36 -0.70 0.00 | 42.33 -0.81 0.00 | 39.44 -0.72 0.00 | 39.88 -0.58 0.00 | 39.00 -0.55 0.00 | 39.90 -0.55 0.00 | 37.41 -0.54 3.47 | 37.01 -0.36 0.00 | 40.60 -0.44 0.00 | 39.24 -0.35 0.00 | 37.93 -0.34 0.00 | 39.50 -0.46 0.00 | 36.82 -0.48 0.00 | 37.99 -0.40 0.00 | 33.78 -0.37 0.00 | 31.84 -0.43 0.00 | 28.13 -0.45 0.00 |
| DANSKAMMER___1 23586 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.06 1.94 0.00 | 31.41 1.80 -2.83 | 42.46 1.26 -22.45 | 40.30 2.42 0.00 | 47.73 2.67 0.00 | 45.70 2.55 0.00 | 42.62 2.36 -0.10 | 43.27 2.79 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.87 2.83 0.00 | 42.38 2.80 0.00 | 40.96 2.69 0.00 | 42.82 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.91 0.00 | 30.24 1.66 0.00 |
| DANSKAMMER___2 23589 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.06 1.94 0.00 | 31.41 1.80 -2.83 | 42.46 1.26 -22.45 | 40.30 2.42 0.00 | 47.73 2.67 0.00 | 45.70 2.55 0.00 | 42.62 2.36 -0.10 | 43.27 2.79 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.87 2.83 0.00 | 42.38 2.80 0.00 | 40.96 2.69 0.00 | 42.82 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.91 0.00 | 30.24 1.66 0.00 |
| DANSKAMMER___3 23590 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.06 1.94 0.00 | 31.41 1.80 -2.83 | 42.46 1.26 -22.45 | 40.30 2.42 0.00 | 47.73 2.67 0.00 | 45.70 2.55 0.00 | 42.62 2.36 -0.10 | 43.27 2.79 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.87 2.83 0.00 | 42.38 2.80 0.00 | 40.96 2.69 0.00 | 42.82 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.91 0.00 | 30.24 1.66 0.00 |
| DANSKAMMER___4 23591 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.06 1.94 0.00 | 31.41 1.80 -2.83 | 42.46 1.26 -22.45 | 40.30 2.42 0.00 | 47.73 2.67 0.00 | 45.70 2.55 0.00 | 42.62 2.36 -0.10 | 43.27 2.79 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.87 2.83 0.00 | 42.38 2.80 0.00 | 40.96 2.69 0.00 | 42.82 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.91 0.00 | 30.24 1.66 0.00 |
| DANSKAMMER___DIESEL 23592 | 33.44 2.18 0.00 | 31.29 2.00 -0.39 | 29.93 1.89 -0.61 | 30.07 1.94 0.00 | 31.39 1.78 -2.83 | 42.44 1.23 -22.45 | 40.30 2.41 0.00 | 47.74 2.67 0.00 | 45.70 2.56 0.00 | 42.62 2.36 -0.10 | 43.28 2.80 -0.02 | 42.55 2.75 -0.25 | 43.26 2.80 -0.01 | 42.92 2.79 1.28 | 40.18 2.59 -0.21 | 43.88 2.84 0.00 | 42.37 2.79 0.00 | 40.96 2.69 0.00 | 42.81 2.86 0.00 | 39.95 2.65 0.00 | 40.90 2.51 0.00 | 36.37 2.21 0.00 | 34.19 1.92 0.00 | 30.25 1.66 0.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DARBY___SOLAR 323810 | 33.03 1.77 0.00 | 31.65 1.70 -1.05 | 30.69 1.61 -1.65 | 29.89 1.77 0.00 | 35.94 1.75 -7.41 | 77.65 1.26 -57.64 | 40.08 2.19 0.00 | 47.42 2.36 0.00 | 45.29 2.14 0.00 | 42.54 1.88 -0.51 | 42.81 2.27 -0.08 | 42.97 2.23 -1.19 | 42.70 2.19 -0.06 | 42.78 2.26 0.89 | 40.57 2.18 -1.02 | 43.40 2.35 0.00 | 41.78 2.20 0.00 | 40.22 1.95 0.00 | 42.00 2.04 0.00 | 39.26 1.96 0.00 | 40.32 1.93 0.00 | 35.77 1.61 0.00 | 33.73 1.46 0.00 | 29.83 1.25 0.00 |
| DASHVILLE___HYD 23610 | 33.05 1.79 0.00 | 31.00 1.65 -0.45 | 29.70 1.56 -0.70 | 29.76 1.64 0.00 | 31.43 1.46 -3.20 | 45.03 0.97 -25.30 | 39.70 1.81 0.00 | 46.99 1.93 0.00 | 45.12 1.98 0.00 | 42.11 1.95 0.00 | 42.87 2.41 0.00 | 41.95 2.40 0.00 | 42.88 2.43 0.00 | 42.54 2.40 1.27 | 39.62 2.24 0.00 | 43.51 2.47 0.00 | 41.95 2.37 0.00 | 40.53 2.26 0.00 | 42.37 2.42 0.00 | 39.54 2.24 0.00 | 40.49 2.10 0.00 | 36.02 1.87 0.00 | 33.89 1.62 0.00 | 29.99 1.41 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 98.99 4.38 -63.34 | 33.63 4.05 -0.68 | 32.25 3.86 -0.95 | 32.08 3.94 -0.02 | 40.11 3.74 -9.58 | 81.90 2.52 -60.62 | 74.28 5.07 -31.32 | 92.60 5.80 -41.74 | 123.40 5.56 -74.69 | 77.75 4.76 -32.83 | 62.23 5.05 -16.72 | 75.81 4.96 -31.30 | 93.41 5.23 -47.74 | 99.46 5.56 -52.48 | 78.36 5.17 -35.82 | 85.51 5.74 -38.73 | 103.94 5.65 -58.71 | 135.35 5.57 -91.51 | 134.14 5.79 -88.39 | 153.69 5.36 -111.03 | 58.88 5.24 -15.25 | 69.18 4.64 -30.38 | 70.64 4.18 -34.19 | 80.67 3.65 -48.43 |
| DELAWARE___LFGE 323621 | 32.23 0.97 0.00 | 30.19 0.96 -0.32 | 28.85 0.91 -0.50 | 29.08 0.95 0.00 | 29.94 0.88 -2.28 | 37.15 0.58 -17.81 | 39.45 0.99 -0.58 | 46.06 1.00 0.00 | 44.10 0.96 0.00 | 41.28 0.93 -0.20 | 41.69 1.26 0.03 | 40.43 1.27 0.38 | 41.69 1.26 0.02 | 40.04 1.27 2.65 | 38.27 1.22 0.33 | 42.38 1.34 0.00 | 40.86 1.28 0.00 | 39.50 1.23 0.00 | 41.24 1.28 0.00 | 38.45 1.15 0.00 | 39.50 1.10 0.00 | 35.13 0.97 0.00 | 33.11 0.84 0.00 | 29.32 0.74 0.00 |
| DERFIELD_115KV_TB7 355931 | 31.38 0.13 0.00 | 29.04 0.14 0.00 | 27.57 0.14 0.00 | 28.29 0.16 0.00 | 26.94 0.16 0.00 | 18.89 0.11 -0.02 | 38.08 0.19 0.00 | 45.24 0.18 0.00 | 43.31 0.16 0.00 | 40.31 0.14 0.00 | 40.70 0.24 0.00 | 39.78 0.23 0.00 | 40.67 0.22 0.00 | 41.06 0.21 0.57 | 37.57 0.20 0.00 | 41.28 0.23 0.00 | 39.80 0.22 0.00 | 38.54 0.27 0.00 | 40.24 0.28 0.00 | 37.60 0.29 0.00 | 38.64 0.25 0.00 | 34.37 0.21 0.00 | 32.49 0.21 0.00 | 28.75 0.17 0.00 |
| DOGLEVILLE___HYD 23807 | 31.96 0.70 0.00 | 29.71 0.81 0.00 | 28.26 0.83 0.00 | 29.13 1.00 0.00 | 27.80 1.02 0.00 | 19.49 0.71 -0.02 | 39.12 1.24 0.00 | 46.15 1.08 0.00 | 44.08 0.94 0.00 | 40.99 0.83 0.00 | 41.87 1.41 0.00 | 40.92 1.37 0.00 | 41.79 1.34 0.00 | 42.08 1.23 0.57 | 38.65 1.28 0.00 | 42.53 1.48 0.00 | 40.87 1.29 0.00 | 39.38 1.11 0.00 | 41.22 1.26 0.00 | 38.60 1.29 0.00 | 39.46 1.06 0.00 | 35.05 0.89 0.00 | 33.04 0.76 0.00 | 29.13 0.54 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 30.37 -0.92 -0.02 | 27.96 -1.06 -0.12 | 26.34 -1.27 -0.18 | 26.52 -1.61 0.00 | 26.00 -1.57 -0.79 | 23.80 -1.22 -6.26 | 31.65 -3.40 2.84 | 40.70 -4.36 0.00 | 39.37 -3.77 0.00 | 34.91 -3.40 1.85 | 37.30 -3.14 0.02 | 36.58 -2.74 0.22 | 37.55 -2.89 0.01 | 34.35 -2.79 4.28 | 35.21 -1.97 0.19 | 39.02 -2.02 0.00 | 37.76 -1.82 0.00 | 36.42 -1.85 0.00 | 37.90 -2.06 0.00 | 35.00 -2.30 0.00 | 36.68 -1.71 0.00 | 32.58 -1.58 0.00 | 30.73 -1.54 0.00 | 27.40 -1.18 0.00 |
| DUNKIRK___1 23563 | 30.37 -0.92 -0.02 | 27.96 -1.06 -0.12 | 26.34 -1.27 -0.18 | 26.52 -1.61 0.00 | 26.00 -1.57 -0.79 | 23.80 -1.22 -6.26 | 31.65 -3.40 2.84 | 40.70 -4.36 0.00 | 39.37 -3.77 0.00 | 34.91 -3.40 1.85 | 37.30 -3.14 0.02 | 36.58 -2.74 0.22 | 37.55 -2.89 0.01 | 34.35 -2.79 4.28 | 35.21 -1.97 0.19 | 39.02 -2.02 0.00 | 37.76 -1.82 0.00 | 36.42 -1.85 0.00 | 37.90 -2.06 0.00 | 35.00 -2.30 0.00 | 36.68 -1.71 0.00 | 32.58 -1.58 0.00 | 30.73 -1.54 0.00 | 27.40 -1.18 0.00 |
| DUNKIRK___2 23564 | 30.37 -0.92 -0.02 | 27.96 -1.06 -0.12 | 26.34 -1.27 -0.18 | 26.52 -1.61 0.00 | 26.00 -1.57 -0.79 | 23.80 -1.22 -6.26 | 31.65 -3.40 2.84 | 40.70 -4.36 0.00 | 39.37 -3.77 0.00 | 34.91 -3.40 1.85 | 37.30 -3.14 0.02 | 36.58 -2.74 0.22 | 37.55 -2.89 0.01 | 34.35 -2.79 4.28 | 35.21 -1.97 0.19 | 39.02 -2.02 0.00 | 37.76 -1.82 0.00 | 36.42 -1.85 0.00 | 37.90 -2.06 0.00 | 35.00 -2.30 0.00 | 36.68 -1.71 0.00 | 32.58 -1.58 0.00 | 30.73 -1.54 0.00 | 27.40 -1.18 0.00 |
| DUNKIRK___3 23565 | 30.36 -0.93 -0.02 | 27.99 -1.03 -0.12 | 26.37 -1.24 -0.18 | 26.58 -1.55 0.00 | 26.07 -1.50 -0.79 | 23.84 -1.19 -6.28 | 31.64 -3.39 2.85 | 40.75 -4.31 0.00 | 39.36 -3.78 0.00 | 34.87 -3.42 1.87 | 37.30 -3.14 0.02 | 36.58 -2.74 0.23 | 37.55 -2.89 0.01 | 34.35 -2.79 4.28 | 35.18 -2.00 0.19 | 38.96 -2.08 0.00 | 37.69 -1.90 0.00 | 36.34 -1.93 0.00 | 37.82 -2.14 0.00 | 34.92 -2.38 0.00 | 36.57 -1.83 0.00 | 32.48 -1.68 0.00 | 30.65 -1.63 0.00 | 27.35 -1.23 0.00 |
| DUNKIRK___4 23566 | 30.39 -0.89 -0.02 | 28.02 -1.00 -0.12 | 26.38 -1.23 -0.18 | 26.56 -1.57 0.00 | 26.06 -1.51 -0.78 | 23.76 -1.18 -6.19 | 31.63 -3.44 2.82 | 40.68 -4.38 0.00 | 39.34 -3.80 0.00 | 34.90 -3.42 1.83 | 37.27 -3.17 0.02 | 36.54 -2.79 0.22 | 37.52 -2.92 0.01 | 34.35 -2.77 4.29 | 35.22 -1.96 0.19 | 38.99 -2.05 0.00 | 37.76 -1.82 0.00 | 36.37 -1.89 0.00 | 37.83 -2.13 0.00 | 34.94 -2.37 0.00 | 36.62 -1.77 0.00 | 32.53 -1.63 0.00 | 30.67 -1.61 0.00 | 27.39 -1.20 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 33.49 2.22 0.00 | 31.34 2.05 -0.39 | 29.98 1.94 -0.61 | 30.09 1.96 0.00 | 31.41 1.80 -2.82 | 42.36 1.21 -22.39 | 40.15 2.26 0.00 | 47.52 2.46 0.00 | 45.53 2.39 0.00 | 43.94 2.23 -1.55 | 43.42 2.70 -0.26 | 45.84 2.65 -3.63 | 43.31 2.68 -0.18 | 43.38 2.67 0.70 | 42.97 2.48 -3.11 | 43.75 2.70 0.00 | 42.19 2.61 0.00 | 40.76 2.49 0.00 | 42.61 2.65 0.00 | 39.78 2.48 0.00 | 40.73 2.34 0.00 | 36.26 2.10 0.00 | 34.09 1.81 0.00 | 30.17 1.59 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 33.07 1.81 0.00 | 30.96 1.68 -0.38 | 29.61 1.58 -0.59 | 29.75 1.62 0.00 | 31.02 1.48 -2.75 | 41.60 1.02 -21.82 | 39.81 1.93 0.00 | 47.14 2.07 0.00 | 45.13 1.98 0.00 | 41.18 1.80 0.77 | 42.56 2.23 0.13 | 39.93 2.19 1.81 | 42.59 2.23 0.09 | 41.97 2.20 1.64 | 37.88 2.06 1.55 | 43.31 2.26 0.00 | 41.81 2.22 0.00 | 40.41 2.15 0.00 | 42.26 2.30 0.00 | 39.43 2.13 0.00 | 40.37 1.98 0.00 | 35.91 1.76 0.00 | 33.78 1.51 0.00 | 29.90 1.31 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 33.49 2.23 0.00 | 31.31 2.02 -0.39 | 29.94 1.90 -0.61 | 30.09 1.96 0.00 | 31.40 1.80 -2.82 | 42.36 1.22 -22.39 | 40.22 2.33 0.00 | 47.59 2.53 0.00 | 45.58 2.44 0.00 | 43.96 2.26 -1.55 | 43.49 2.77 -0.26 | 45.87 2.69 -3.63 | 43.30 2.68 -0.18 | 43.34 2.63 0.70 | 42.92 2.43 -3.11 | 43.67 2.63 0.00 | 42.12 2.54 0.00 | 40.73 2.46 0.00 | 42.52 2.56 0.00 | 39.77 2.46 0.00 | 40.66 2.26 0.00 | 36.24 2.08 0.00 | 34.00 1.73 0.00 | 30.10 1.51 0.00 |
| E179THST_13_KV_LOAD 356214 | 33.62 2.36 0.00 | 31.43 2.14 -0.39 | 30.04 2.01 -0.61 | 30.18 2.06 0.00 | 31.51 1.90 -2.82 | 42.43 1.29 -22.39 | 40.39 2.51 0.00 | 47.79 2.73 0.00 | 45.80 2.65 0.00 | 44.16 2.45 -1.55 | 43.68 2.97 -0.26 | 46.06 2.88 -3.63 | 43.50 2.88 -0.18 | 43.55 2.84 0.70 | 43.11 2.62 -3.11 | 43.88 2.84 0.00 | 42.33 2.74 0.00 | 40.93 2.66 0.00 | 42.74 2.78 0.00 | 39.96 2.65 0.00 | 40.85 2.46 0.00 | 36.40 2.25 0.00 | 34.15 1.88 0.00 | 30.22 1.64 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST HAMPTON___GT 23717 | 99.33 4.72 -63.34 | 33.97 4.39 -0.68 | 32.53 4.15 -0.95 | 32.43 4.29 -0.02 | 40.46 4.09 -9.58 | 82.15 2.78 -60.62 | 74.84 5.64 -31.32 | 93.18 6.38 -41.74 | 123.96 6.13 -74.69 | 78.28 5.29 -32.83 | 62.69 5.51 -16.72 | 76.25 5.40 -31.30 | 93.86 5.68 -47.73 | 99.95 6.06 -52.48 | 78.84 5.65 -35.82 | 86.04 6.26 -38.73 | 104.52 6.23 -58.71 | 135.91 6.13 -91.51 | 134.74 6.39 -88.39 | 154.24 5.91 -111.03 | 59.39 5.75 -15.25 | 69.62 5.08 -30.38 | 71.03 4.57 -34.19 | 81.00 3.98 -48.43 |
| EAST RIVER___6 23660 | 33.50 2.24 0.00 | 31.35 2.06 -0.39 | 30.00 1.96 -0.61 | 30.14 2.01 0.00 | 31.48 1.88 -2.82 | 42.42 1.28 -22.39 | 40.20 2.31 0.00 | 47.56 2.50 0.00 | 45.59 2.45 0.00 | 44.03 2.32 -1.55 | 43.56 2.84 -0.26 | 45.98 2.79 -3.64 | 43.41 2.78 -0.18 | 43.49 2.78 0.70 | 43.08 2.60 -3.12 | 43.84 2.80 0.00 | 42.31 2.72 0.00 | 40.86 2.59 0.00 | 42.67 2.71 0.00 | 39.82 2.52 0.00 | 40.75 2.36 0.00 | 36.29 2.14 0.00 | 34.07 1.80 0.00 | 30.16 1.57 0.00 |
| EAST RIVER___7 23524 | 33.50 2.24 0.00 | 31.35 2.06 -0.39 | 30.00 1.96 -0.61 | 30.14 2.01 0.00 | 31.48 1.88 -2.82 | 42.42 1.28 -22.39 | 40.20 2.31 0.00 | 47.56 2.50 0.00 | 45.59 2.45 0.00 | 44.03 2.32 -1.55 | 43.56 2.84 -0.26 | 45.98 2.79 -3.64 | 43.41 2.78 -0.18 | 43.49 2.78 0.70 | 43.08 2.60 -3.12 | 43.84 2.80 0.00 | 42.31 2.72 0.00 | 40.86 2.59 0.00 | 42.67 2.71 0.00 | 39.82 2.52 0.00 | 40.75 2.36 0.00 | 36.29 2.14 0.00 | 34.07 1.80 0.00 | 30.16 1.57 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 33.40 2.14 0.00 | 31.27 1.98 -0.39 | 29.91 1.87 -0.61 | 30.03 1.90 0.00 | 31.34 1.74 -2.82 | 42.29 1.18 -22.36 | 40.08 2.20 0.00 | 47.44 2.38 0.00 | 45.44 2.30 0.00 | 43.89 2.13 -1.60 | 43.34 2.61 -0.27 | 45.86 2.56 -3.75 | 43.22 2.58 -0.18 | 43.30 2.58 0.69 | 42.98 2.39 -3.21 | 43.64 2.60 0.00 | 42.10 2.52 0.00 | 40.68 2.41 0.00 | 42.52 2.57 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.18 2.02 0.00 | 34.02 1.74 0.00 | 30.11 1.53 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 99.33 4.72 -63.34 | 33.97 4.39 -0.68 | 32.53 4.15 -0.95 | 32.43 4.29 -0.02 | 40.46 4.09 -9.58 | 82.15 2.78 -60.62 | 74.84 5.64 -31.32 | 93.18 6.38 -41.74 | 123.96 6.13 -74.69 | 78.28 5.29 -32.83 | 62.69 5.51 -16.72 | 76.25 5.40 -31.30 | 93.86 5.68 -47.73 | 99.95 6.06 -52.48 | 78.84 5.65 -35.82 | 86.04 6.26 -38.73 | 104.52 6.23 -58.71 | 135.91 6.13 -91.51 | 134.74 6.39 -88.39 | 154.25 5.92 -111.03 | 59.40 5.76 -15.25 | 69.62 5.08 -30.38 | 71.03 4.57 -34.19 | 81.00 3.98 -48.43 |
| EAST_PULASKI___ESR 323781 | 30.36 -0.90 0.00 | 28.10 -0.86 -0.06 | 26.71 -0.82 -0.10 | 27.26 -0.87 0.00 | 26.44 -0.79 -0.45 | 21.81 -0.52 -3.58 | 36.61 -1.28 0.00 | 43.57 -1.49 0.00 | 41.70 -1.45 0.00 | 38.81 -1.30 0.06 | 39.29 -1.15 0.01 | 38.32 -1.09 0.13 | 39.30 -1.14 0.01 | 36.12 -1.22 4.07 | 36.34 -0.92 0.11 | 40.00 -1.05 0.00 | 38.69 -0.90 0.00 | 37.42 -0.85 0.00 | 39.02 -0.94 0.00 | 36.35 -0.95 0.00 | 37.47 -0.92 0.00 | 33.37 -0.78 0.00 | 31.48 -0.79 0.00 | 27.87 -0.72 0.00 |
| EAST_RIVER___1 323558 | 33.51 2.25 0.00 | 31.37 2.08 -0.39 | 30.02 1.98 -0.61 | 30.14 2.02 0.00 | 31.49 1.89 -2.82 | 42.42 1.28 -22.39 | 40.18 2.30 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.98 2.28 -1.55 | 43.51 2.79 -0.26 | 45.91 2.72 -3.64 | 43.35 2.73 -0.18 | 43.42 2.71 0.70 | 43.01 2.52 -3.12 | 43.77 2.73 0.00 | 42.23 2.64 0.00 | 40.80 2.53 0.00 | 42.62 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| EAST_RIVER___2 323559 | 33.50 2.24 0.00 | 31.35 2.06 -0.39 | 30.00 1.96 -0.61 | 30.14 2.01 0.00 | 31.48 1.88 -2.82 | 42.42 1.28 -22.39 | 40.20 2.31 0.00 | 47.56 2.50 0.00 | 45.59 2.45 0.00 | 44.03 2.32 -1.55 | 43.56 2.84 -0.26 | 45.98 2.79 -3.64 | 43.41 2.78 -0.18 | 43.49 2.78 0.70 | 43.08 2.60 -3.12 | 43.84 2.80 0.00 | 42.31 2.72 0.00 | 40.86 2.59 0.00 | 42.67 2.71 0.00 | 39.82 2.52 0.00 | 40.75 2.36 0.00 | 36.29 2.14 0.00 | 34.07 1.80 0.00 | 30.16 1.57 0.00 |
| EAST___DELAWARE_HYD 23607 | 32.83 1.57 0.00 | 30.66 1.39 -0.37 | 29.32 1.30 -0.58 | 29.46 1.33 0.00 | 30.70 1.23 -2.69 | 40.90 0.87 -21.28 | 39.53 1.64 0.00 | 46.89 1.83 0.00 | 44.85 1.71 0.00 | 41.10 1.53 0.60 | 42.31 1.96 0.10 | 40.09 1.95 1.41 | 42.37 1.99 0.07 | 41.75 1.95 1.61 | 37.98 1.82 1.21 | 43.06 2.03 0.00 | 41.62 2.04 0.00 | 40.25 1.98 0.00 | 42.11 2.15 0.00 | 39.25 1.94 0.00 | 40.18 1.79 0.00 | 35.71 1.55 0.00 | 33.56 1.28 0.00 | 29.70 1.12 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 31.41 -0.47 -0.62 | 28.93 -0.58 -0.62 | 27.12 -0.75 -0.44 | 27.12 -1.12 -0.11 | 26.46 -1.24 -0.92 | 25.06 -0.98 -7.29 | 25.70 -3.63 8.56 | 40.91 -4.15 0.00 | 40.13 -3.02 0.00 | 33.41 -3.29 3.47 | 37.16 -3.28 0.02 | 36.12 -3.18 0.25 | 37.25 -3.19 0.01 | 34.45 -2.84 4.12 | 35.32 -1.84 0.21 | 39.55 -1.69 -0.19 | 39.94 -1.22 -1.58 | 37.59 -1.01 -0.33 | 38.95 -1.01 0.00 | 36.20 -1.31 -0.20 | 38.99 -0.70 -1.29 | 33.88 -0.79 -0.51 | 31.41 -0.91 -0.05 | 28.01 -0.61 -0.04 |
| ELBRIDGE_115KV_TB2 80188 | 30.70 -0.56 0.00 | 28.47 -0.52 -0.08 | 27.05 -0.51 -0.13 | 27.53 -0.60 0.00 | 26.84 -0.54 -0.60 | 23.15 -0.33 -4.72 | 36.81 -1.08 0.00 | 43.73 -1.34 0.00 | 41.92 -1.22 0.00 | 38.99 -1.09 0.07 | 39.53 -0.91 0.01 | 38.52 -0.85 0.17 | 39.53 -0.91 0.01 | 35.99 -1.00 4.41 | 36.53 -0.70 0.15 | 40.27 -0.77 0.00 | 38.95 -0.63 0.00 | 37.67 -0.60 0.00 | 39.35 -0.61 0.00 | 36.60 -0.70 0.00 | 37.74 -0.66 0.00 | 33.55 -0.61 0.00 | 31.62 -0.65 0.00 | 28.04 -0.55 0.00 |
| ELEC_TRO_TEK 24086 | 76.70 2.84 -42.60 | 32.09 2.62 -0.57 | 30.72 2.46 -0.83 | 30.62 2.49 0.00 | 36.48 2.34 -7.36 | 68.01 1.55 -47.70 | 55.52 2.94 -14.70 | 99.93 3.25 -51.61 | 93.27 3.16 -46.97 | 67.30 2.88 -24.26 | 60.97 3.37 -17.15 | 72.56 3.30 -29.71 | 85.11 3.41 -41.25 | 89.00 3.42 -44.17 | 69.55 3.18 -28.99 | 89.26 3.42 -44.79 | 111.91 3.24 -69.09 | 160.54 3.14 -119.13 | 160.38 3.30 -117.12 | 162.10 3.09 -121.71 | 50.30 2.92 -8.98 | 48.42 2.66 -11.60 | 53.13 2.41 -18.45 | 71.63 2.10 -40.95 |
| ELLENBURG_WT_PWR 323604 | 31.91 0.65 0.00 | 29.47 0.57 0.00 | 28.11 0.68 0.00 | 28.85 0.73 0.00 | 27.46 0.68 0.00 | 19.26 0.51 0.00 | 39.32 1.43 0.00 | 47.09 2.03 0.00 | 45.08 1.94 0.00 | 41.89 1.73 0.00 | 42.01 1.56 0.00 | 40.99 1.44 0.00 | 41.94 1.49 0.00 | 42.67 1.53 0.28 | 38.64 1.27 0.00 | 42.39 1.34 0.00 | 40.89 1.31 0.00 | 39.45 1.18 0.00 | 41.22 1.26 0.00 | 38.51 1.20 0.00 | 39.59 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.77 1.19 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 30.04 -1.25 -0.03 | 27.77 -1.25 -0.12 | 26.15 -1.46 -0.18 | 26.33 -1.80 0.00 | 25.90 -1.65 -0.77 | 23.51 -1.31 -6.06 | 31.26 -3.91 2.72 | 40.20 -4.87 0.00 | 38.83 -4.31 0.00 | 34.53 -3.87 1.76 | 36.77 -3.67 0.02 | 35.98 -3.35 0.22 | 36.97 -3.47 0.01 | 33.80 -3.30 4.32 | 34.77 -2.42 0.19 | 38.44 -2.60 0.00 | 37.27 -2.31 0.00 | 35.81 -2.46 0.00 | 37.17 -2.79 0.00 | 34.33 -2.98 0.00 | 36.00 -2.40 0.00 | 31.98 -2.18 0.00 | 30.13 -2.15 0.00 | 27.00 -1.58 0.00 |
| EMPIRE_CC_1 323656 | 32.25 0.99 0.00 | 30.44 0.98 -0.56 | 29.24 0.93 -0.87 | 29.11 0.99 0.00 | 31.66 1.02 -3.86 | 49.88 0.65 -30.48 | 38.81 0.92 0.00 | 45.72 0.66 0.00 | 43.70 0.55 0.00 | 41.29 0.55 -0.58 | 41.60 1.05 -0.10 | 41.88 0.98 -1.36 | 41.52 1.01 -0.07 | 41.49 0.99 0.91 | 39.55 1.01 -1.16 | 42.13 1.08 0.00 | 40.50 0.91 0.00 | 38.84 0.57 0.00 | 40.65 0.69 0.00 | 38.33 1.02 0.00 | 39.34 0.94 0.00 | 35.00 0.85 0.00 | 33.05 0.78 0.00 | 29.25 0.67 0.00 |

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| EMPIRE_CC_2 323658 | 32.25 0.99 0.00 | 30.44 0.98 -0.56 | 29.24 0.93 -0.87 | 29.11 0.99 0.00 | 31.66 1.02 -3.86 | 49.88 0.65 -30.48 | 38.81 0.92 0.00 | 45.72 0.66 0.00 | 43.70 0.55 0.00 | 41.29 0.55 -0.58 | 41.60 1.05 -0.10 | 41.88 0.98 -1.36 | 41.52 1.01 -0.07 | 41.49 0.99 0.91 | 39.55 1.01 -1.16 | 42.13 1.08 0.00 | 40.50 0.91 0.00 | 38.84 0.57 0.00 | 40.65 0.69 0.00 | 38.33 1.02 0.00 | 39.34 0.94 0.00 | 35.00 0.85 0.00 | 33.05 0.78 0.00 | 29.25 0.67 0.00 |
| ENORWICH_115KV_TB1 80156 | 33.60 2.34 0.00 | 31.34 2.24 -0.20 | 29.90 2.15 -0.32 | 30.30 2.17 0.00 | 30.43 2.21 -1.44 | 31.66 1.58 -11.32 | 45.26 3.13 -4.24 | 48.96 3.90 0.00 | 46.93 3.79 0.00 | 46.33 3.57 -2.61 | 44.31 3.88 0.02 | 43.18 3.96 0.33 | 44.44 4.01 0.02 | 41.84 3.85 3.43 | 40.72 3.62 0.28 | 45.11 4.06 0.00 | 43.77 4.18 0.00 | 42.36 4.09 0.00 | 44.08 4.12 0.00 | 40.98 3.67 0.00 | 42.09 3.69 0.00 | 37.18 3.02 0.00 | 34.91 2.64 0.00 | 30.83 2.24 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 31.04 -0.24 -0.03 | 28.70 -0.32 -0.12 | 26.99 -0.62 -0.18 | 27.15 -0.98 0.00 | 26.68 -0.88 -0.78 | 24.12 -0.78 -6.15 | 32.41 -2.75 2.72 | 41.62 -3.45 0.00 | 40.17 -2.97 0.00 | 35.76 -2.62 1.78 | 38.11 -2.33 0.02 | 37.31 -2.02 0.22 | 38.32 -2.12 0.01 | 35.27 -1.85 4.30 | 36.04 -1.14 0.19 | 39.78 -1.26 0.00 | 38.59 -0.99 0.00 | 37.08 -1.19 0.00 | 38.48 -1.47 0.00 | 35.55 -1.75 0.00 | 37.22 -1.17 0.00 | 33.04 -1.12 0.00 | 31.09 -1.18 0.00 | 27.83 -0.75 0.00 |
| ERIE_WT_PWR 323693 | 27.55 -0.93 2.78 | 25.83 -0.96 2.11 | 25.34 -1.18 0.91 | 26.08 -1.54 0.52 | 26.14 -1.42 -0.77 | 23.71 -1.16 -6.12 | 31.56 -3.57 2.75 | 40.68 -4.38 0.00 | 39.27 -3.87 0.00 | 34.90 -3.47 1.79 | 36.77 -3.26 0.43 | 35.05 -2.94 1.56 | 35.26 -3.06 2.13 | 29.53 -2.89 8.99 | 30.29 -2.04 5.05 | 32.61 -2.18 6.26 | 30.37 -1.89 7.33 | 34.66 -2.04 1.57 | 37.65 -2.31 0.00 | 33.78 -2.56 0.96 | 30.33 -1.99 6.08 | 29.93 -1.81 2.42 | 30.29 -1.76 0.22 | 27.11 -1.28 0.20 |
| ESPRGFLD_115KV_TB1 80157 | 32.34 1.08 0.00 | 30.62 0.94 -0.78 | 29.54 0.89 -1.22 | 29.00 0.87 0.00 | 33.11 0.83 -5.50 | 61.40 0.63 -42.02 | 39.28 1.39 0.00 | 46.96 1.90 0.00 | 45.00 1.86 0.00 | 42.13 1.78 -0.19 | 42.30 1.81 -0.03 | 41.87 1.86 -0.46 | 42.39 1.92 -0.02 | 41.72 1.96 1.66 | 39.51 1.74 -0.39 | 42.95 1.91 0.00 | 41.60 2.02 0.00 | 40.46 2.19 0.00 | 42.10 2.15 0.00 | 39.08 1.77 0.00 | 40.28 1.88 0.00 | 35.87 1.72 0.00 | 33.76 1.48 0.00 | 29.88 1.30 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 31.79 0.52 0.00 | 29.52 0.48 -0.14 | 28.06 0.41 -0.22 | 28.48 0.36 0.00 | 28.14 0.38 -0.98 | 26.80 0.29 -7.75 | 47.52 0.26 -9.38 | 45.36 0.30 0.00 | 43.52 0.38 0.00 | 46.54 0.38 -5.99 | 41.05 0.61 0.02 | 39.95 0.67 0.27 | 41.09 0.65 0.01 | 38.13 0.59 3.87 | 37.88 0.74 0.23 | 41.88 0.84 0.00 | 40.51 0.93 0.00 | 39.20 0.93 0.00 | 40.91 0.96 0.00 | 38.02 0.72 0.00 | 39.17 0.77 0.00 | 34.75 0.59 0.00 | 32.70 0.43 0.00 | 28.96 0.38 0.00 |
| ETNA_____115KV_TB2 80207 | 31.79 0.52 0.00 | 29.52 0.48 -0.14 | 28.06 0.41 -0.22 | 28.48 0.36 0.00 | 28.14 0.38 -0.98 | 26.80 0.29 -7.75 | 47.52 0.26 -9.38 | 45.36 0.30 0.00 | 43.52 0.38 0.00 | 46.54 0.38 -5.99 | 41.05 0.61 0.02 | 39.95 0.67 0.27 | 41.09 0.65 0.01 | 38.13 0.59 3.87 | 37.88 0.74 0.23 | 41.88 0.84 0.00 | 40.51 0.93 0.00 | 39.20 0.93 0.00 | 40.91 0.96 0.00 | 38.02 0.72 0.00 | 39.17 0.77 0.00 | 34.75 0.59 0.00 | 32.70 0.43 0.00 | 28.96 0.38 0.00 |
| EUCLID___115KV_TB2 356179 | 30.40 -0.86 0.00 | 28.18 -0.80 -0.07 | 26.77 -0.78 -0.11 | 27.30 -0.83 0.00 | 26.55 -0.75 -0.52 | 22.39 -0.51 -4.14 | 36.51 -1.38 0.00 | 43.36 -1.71 0.00 | 41.57 -1.57 0.00 | 38.68 -1.41 0.07 | 39.20 -1.25 0.01 | 38.21 -1.18 0.15 | 39.19 -1.25 0.01 | 35.68 -1.37 4.36 | 36.23 -1.01 0.13 | 39.91 -1.14 0.00 | 38.61 -0.97 0.00 | 37.33 -0.94 0.00 | 38.95 -1.00 0.00 | 36.28 -1.03 0.00 | 37.37 -1.02 0.00 | 33.21 -0.95 0.00 | 31.31 -0.96 0.00 | 27.77 -0.82 0.00 |
| E_CANADA_CAP_HY 24051 | 32.49 1.23 0.00 | 30.87 1.03 -0.94 | 29.89 0.98 -1.48 | 29.09 0.96 0.00 | 34.39 0.95 -6.66 | 71.64 0.75 -52.13 | 39.60 1.71 0.00 | 47.47 2.41 0.00 | 45.44 2.29 0.00 | 42.65 2.17 -0.33 | 42.57 2.06 -0.06 | 42.40 2.09 -0.76 | 42.61 2.13 -0.04 | 42.35 2.24 1.31 | 39.97 1.95 -0.66 | 43.17 2.12 0.00 | 41.85 2.27 0.00 | 40.67 2.40 0.00 | 42.30 2.35 0.00 | 39.28 1.98 0.00 | 40.56 2.17 0.00 | 36.27 2.11 0.00 | 34.12 1.85 0.00 | 30.20 1.62 0.00 |
| E_CANADA_MHWK_HY 24050 | 31.96 0.70 0.00 | 29.71 0.81 0.00 | 28.26 0.83 0.00 | 29.13 1.00 0.00 | 27.80 1.02 0.00 | 19.49 0.71 -0.02 | 39.12 1.24 0.00 | 46.15 1.08 0.00 | 44.08 0.94 0.00 | 40.99 0.83 0.00 | 41.87 1.41 0.00 | 40.92 1.37 0.00 | 41.79 1.34 0.00 | 42.08 1.23 0.57 | 38.65 1.28 0.00 | 42.53 1.48 0.00 | 40.87 1.29 0.00 | 39.38 1.11 0.00 | 41.22 1.26 0.00 | 38.60 1.29 0.00 | 39.46 1.06 0.00 | 35.05 0.89 0.00 | 33.04 0.76 0.00 | 29.13 0.54 0.00 |
| E_FISHKILL___LBMP 23776 | 33.21 1.95 0.00 | 31.08 1.79 -0.39 | 29.74 1.70 -0.61 | 29.86 1.73 0.00 | 31.21 1.57 -2.86 | 42.47 1.07 -22.64 | 39.88 2.00 0.00 | 47.18 2.12 0.00 | 45.18 2.04 0.00 | 43.14 1.90 -1.09 | 42.99 2.35 -0.18 | 44.40 2.30 -2.56 | 42.90 2.33 -0.12 | 42.84 2.30 0.88 | 41.72 2.16 -2.19 | 43.39 2.35 0.00 | 41.85 2.26 0.00 | 40.41 2.15 0.00 | 42.25 2.29 0.00 | 39.45 2.15 0.00 | 40.40 2.01 0.00 | 35.96 1.81 0.00 | 33.83 1.56 0.00 | 29.96 1.38 0.00 |
| FALCON___SEABRD_CC1 323796 | 31.97 0.71 0.00 | 29.55 0.65 0.00 | 28.23 0.80 0.00 | 29.00 0.87 0.00 | 27.60 0.82 0.00 | 19.38 0.62 0.00 | 39.52 1.63 0.00 | 47.31 2.25 0.00 | 45.30 2.16 0.00 | 42.08 1.92 0.00 | 42.28 1.83 0.00 | 41.23 1.68 0.00 | 42.16 1.72 0.00 | 42.88 1.76 0.29 | 38.93 1.55 0.00 | 42.67 1.63 0.00 | 41.18 1.59 0.00 | 39.72 1.45 0.00 | 41.51 1.56 0.00 | 38.80 1.50 0.00 | 39.80 1.41 0.00 | 35.34 1.18 0.00 | 33.46 1.19 0.00 | 30.08 1.50 0.00 |
| FALCON___SEABRD_CC2 323797 | 31.97 0.71 0.00 | 29.55 0.65 0.00 | 28.23 0.80 0.00 | 29.00 0.87 0.00 | 27.60 0.82 0.00 | 19.38 0.62 0.00 | 39.52 1.63 0.00 | 47.31 2.25 0.00 | 45.30 2.16 0.00 | 42.08 1.92 0.00 | 42.28 1.83 0.00 | 41.23 1.68 0.00 | 42.16 1.72 0.00 | 42.88 1.76 0.29 | 38.93 1.55 0.00 | 42.67 1.63 0.00 | 41.18 1.59 0.00 | 39.72 1.45 0.00 | 41.51 1.56 0.00 | 38.80 1.50 0.00 | 39.80 1.41 0.00 | 35.34 1.18 0.00 | 33.46 1.19 0.00 | 30.08 1.50 0.00 |
| FAR ROCKAWAY___4 23548 | 95.85 3.30 -61.29 | 32.58 3.02 -0.66 | 31.20 2.84 -0.93 | 31.00 2.86 -0.01 | 38.84 2.70 -9.36 | 78.32 1.82 -57.74 | 49.94 3.19 -8.86 | 101.47 3.88 -52.52 | 80.73 3.48 -34.11 | 76.15 3.32 -32.68 | 63.59 3.83 -19.30 | 77.84 3.76 -34.53 | 92.90 3.87 -48.58 | 90.18 3.74 -45.03 | 77.41 3.48 -36.56 | 86.05 3.73 -41.28 | 112.48 3.61 -69.29 | 159.74 3.52 -117.94 | 158.47 3.71 -114.81 | 169.05 3.44 -128.30 | 48.21 3.24 -6.57 | 43.83 2.92 -6.76 | 53.91 2.64 -19.00 | 76.03 2.37 -45.07 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 33.54 2.28 0.00 | 31.39 2.10 -0.39 | 30.04 2.00 -0.61 | 30.18 2.05 0.00 | 31.49 1.89 -2.82 | 42.41 1.26 -22.39 | 40.22 2.33 0.00 | 47.57 2.51 0.00 | 45.58 2.43 0.00 | 44.02 2.31 -1.55 | 43.54 2.82 -0.26 | 45.94 2.75 -3.63 | 43.37 2.74 -0.18 | 43.45 2.74 0.70 | 43.03 2.54 -3.11 | 43.81 2.77 0.00 | 42.24 2.66 0.00 | 40.83 2.56 0.00 | 42.64 2.69 0.00 | 39.79 2.49 0.00 | 40.74 2.35 0.00 | 36.29 2.13 0.00 | 34.09 1.82 0.00 | 30.19 1.60 0.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 33.55 2.29 0.00 | 31.40 2.12 -0.39 | 30.06 2.02 -0.61 | 30.19 2.06 0.00 | 31.51 1.90 -2.82 | 42.42 1.28 -22.39 | 40.24 2.36 0.00 | 47.59 2.53 0.00 | 45.61 2.47 0.00 | 44.03 2.32 -1.55 | 43.55 2.83 -0.26 | 45.96 2.78 -3.63 | 43.39 2.76 -0.18 | 43.47 2.76 0.70 | 43.05 2.57 -3.11 | 43.83 2.79 0.00 | 42.27 2.69 0.00 | 40.85 2.58 0.00 | 42.67 2.71 0.00 | 39.83 2.52 0.00 | 40.77 2.38 0.00 | 36.31 2.16 0.00 | 34.11 1.84 0.00 | 30.21 1.62 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 33.51 2.25 0.00 | 31.37 2.09 -0.39 | 30.02 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.53 2.47 0.00 | 45.56 2.41 0.00 | 43.99 2.28 -1.55 | 43.50 2.78 -0.26 | 45.90 2.72 -3.63 | 43.34 2.71 -0.18 | 43.42 2.71 0.70 | 43.00 2.51 -3.11 | 43.76 2.72 0.00 | 42.21 2.63 0.00 | 40.80 2.53 0.00 | 42.62 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.27 2.11 0.00 | 34.08 1.80 0.00 | 30.17 1.59 0.00 |
| FARRAGUT___LBMP 323566 | 33.50 2.24 0.00 | 31.36 2.07 -0.39 | 30.01 1.97 -0.61 | 30.14 2.01 0.00 | 31.46 1.85 -2.82 | 42.38 1.24 -22.39 | 40.18 2.29 0.00 | 47.50 2.44 0.00 | 45.52 2.38 0.00 | 43.95 2.24 -1.55 | 43.47 2.75 -0.26 | 45.87 2.69 -3.63 | 43.30 2.67 -0.18 | 43.38 2.67 0.70 | 42.97 2.48 -3.11 | 43.73 2.68 0.00 | 42.18 2.60 0.00 | 40.76 2.49 0.00 | 42.58 2.62 0.00 | 39.75 2.44 0.00 | 40.69 2.29 0.00 | 36.24 2.09 0.00 | 34.05 1.77 0.00 | 30.15 1.57 0.00 |
| FENNER___WINDPWR 24204 | 31.85 0.59 0.00 | 29.54 0.56 -0.08 | 28.08 0.52 -0.12 | 28.65 0.52 0.00 | 27.86 0.52 -0.56 | 23.58 0.38 -4.45 | 40.35 0.67 -1.80 | 45.90 0.83 0.00 | 44.00 0.86 0.00 | 42.11 0.85 -1.10 | 41.43 0.99 0.01 | 40.33 0.95 0.16 | 41.33 0.88 0.01 | 39.21 0.87 3.08 | 38.18 0.95 0.14 | 42.10 1.06 0.00 | 40.70 1.12 0.00 | 39.33 1.06 0.00 | 41.02 1.06 0.00 | 38.20 0.90 0.00 | 39.32 0.92 0.00 | 34.90 0.75 0.00 | 32.87 0.59 0.00 | 29.07 0.48 0.00 |
| FIBERTEK___ENERGY 23856 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| FITZPATRICK____ 23598 | 29.99 -1.27 0.00 | 27.79 -1.17 -0.06 | 26.41 -1.11 -0.09 | 26.96 -1.17 0.00 | 26.09 -1.09 -0.40 | 21.16 -0.74 -3.15 | 36.10 -1.78 0.00 | 42.89 -2.17 0.00 | 41.11 -2.04 0.00 | 38.31 -1.85 0.00 | 38.71 -1.75 0.00 | 37.87 -1.68 0.00 | 38.70 -1.75 0.00 | 34.21 -1.85 5.35 | 35.85 -1.53 0.00 | 39.36 -1.68 0.00 | 38.04 -1.55 0.00 | 36.78 -1.49 0.00 | 38.39 -1.56 0.00 | 35.79 -1.52 0.00 | 36.86 -1.53 0.00 | 32.79 -1.37 0.00 | 30.94 -1.33 0.00 | 27.45 -1.13 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 98.06 3.59 -63.21 | 32.88 3.30 -0.68 | 31.51 3.13 -0.95 | 31.31 3.16 -0.02 | 39.34 2.99 -9.57 | 81.29 2.00 -60.54 | 73.04 3.94 -31.21 | 91.33 4.46 -41.80 | 121.96 4.32 -74.50 | 76.77 3.84 -32.77 | 61.42 4.24 -16.72 | 75.04 4.20 -31.29 | 92.55 4.41 -47.69 | 98.37 4.53 -52.43 | 77.33 4.18 -35.78 | 84.41 4.60 -38.77 | 102.78 4.42 -58.78 | 134.30 4.34 -91.69 | 133.06 4.52 -88.58 | 152.61 4.21 -111.10 | 57.69 4.09 -15.20 | 68.09 3.68 -30.26 | 69.70 3.34 -34.08 | 79.88 2.91 -48.38 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 33.52 2.26 0.00 | 31.36 2.07 -0.39 | 30.00 1.95 -0.61 | 30.13 2.01 0.00 | 31.46 1.84 -2.84 | 42.53 1.28 -22.50 | 40.40 2.51 0.00 | 47.85 2.79 0.00 | 45.81 2.67 0.00 | 42.86 2.48 -0.22 | 43.40 2.90 -0.04 | 42.96 2.87 -0.55 | 43.38 2.91 -0.03 | 43.09 2.90 1.23 | 40.54 2.70 -0.47 | 44.00 2.96 0.00 | 42.49 2.91 0.00 | 41.06 2.79 0.00 | 42.92 2.97 0.00 | 40.05 2.74 0.00 | 41.00 2.60 0.00 | 36.47 2.31 0.00 | 34.27 2.00 0.00 | 30.32 1.74 0.00 |
| FORT ORANGE____ 23900 | 32.38 1.12 0.00 | 30.73 1.09 -0.74 | 29.64 1.05 -1.16 | 29.23 1.10 0.00 | 33.11 1.12 -5.21 | 60.28 0.72 -40.81 | 39.07 1.19 0.00 | 46.15 1.09 0.00 | 44.14 0.99 0.00 | 41.51 0.85 -0.49 | 41.69 1.15 -0.08 | 41.78 1.07 -1.16 | 41.63 1.13 -0.06 | 41.60 1.11 0.92 | 39.56 1.20 -0.99 | 42.28 1.24 0.00 | 40.72 1.14 0.00 | 39.19 0.92 0.00 | 40.90 0.94 0.00 | 38.43 1.13 0.00 | 39.37 0.97 0.00 | 35.03 0.87 0.00 | 33.11 0.84 0.00 | 29.33 0.75 0.00 |
| FORT_DRUM_COGEN 23780 | 31.30 0.05 0.00 | 28.86 -0.08 -0.04 | 27.44 -0.05 -0.06 | 28.07 -0.06 0.00 | 27.07 -0.01 -0.30 | 21.11 0.00 -2.36 | 38.08 0.19 0.00 | 45.55 0.48 0.00 | 43.39 0.25 0.00 | 40.43 0.27 0.00 | 40.84 0.38 0.00 | 39.91 0.36 0.00 | 40.87 0.42 0.00 | 39.23 0.50 2.68 | 37.89 0.52 0.00 | 41.54 0.50 0.00 | 40.15 0.57 0.00 | 38.81 0.54 0.00 | 40.36 0.40 0.00 | 37.63 0.33 0.00 | 38.85 0.46 0.00 | 34.52 0.36 0.00 | 32.50 0.23 0.00 | 28.65 0.07 0.00 |
| FOX_HILLS___ESR 323835 | 33.69 2.43 0.00 | 31.54 2.25 -0.39 | 30.16 2.13 -0.61 | 30.19 2.07 0.00 | 31.49 1.88 -2.82 | 42.40 1.26 -22.39 | 40.18 2.30 0.00 | 47.47 2.41 0.00 | 45.42 2.28 0.00 | 43.83 2.13 -1.55 | 43.40 2.69 -0.26 | 45.68 2.50 -3.63 | 43.16 2.53 -0.18 | 43.21 2.50 0.70 | 42.78 2.29 -3.11 | 43.50 2.46 0.00 | 42.02 2.44 0.00 | 40.62 2.35 0.00 | 42.49 2.53 0.00 | 39.74 2.44 0.00 | 40.77 2.37 0.00 | 36.44 2.29 0.00 | 34.21 1.93 0.00 | 30.27 1.69 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 95.83 3.28 -61.29 | 32.59 3.03 -0.66 | 31.17 2.81 -0.93 | 31.00 2.86 -0.01 | 38.84 2.71 -9.36 | 78.33 1.83 -57.74 | 50.03 3.28 -8.86 | 101.49 3.91 -52.52 | 80.75 3.50 -34.11 | 76.14 3.30 -32.68 | 63.58 3.82 -19.30 | 77.84 3.76 -34.53 | 92.90 3.88 -48.58 | 90.17 3.73 -45.03 | 77.40 3.47 -36.56 | 86.08 3.77 -41.28 | 112.45 3.58 -69.29 | 159.72 3.50 -117.94 | 158.44 3.67 -114.81 | 169.04 3.44 -128.30 | 48.21 3.24 -6.57 | 43.85 2.93 -6.76 | 53.92 2.64 -19.00 | 76.02 2.36 -45.08 |
| FPL_FAR_ROCK_GT2 23815 | 95.83 3.28 -61.29 | 32.59 3.03 -0.66 | 31.17 2.81 -0.93 | 31.00 2.86 -0.01 | 38.84 2.71 -9.36 | 78.33 1.83 -57.74 | 50.03 3.28 -8.86 | 101.49 3.91 -52.52 | 80.75 3.50 -34.11 | 76.14 3.30 -32.68 | 63.58 3.82 -19.30 | 77.84 3.76 -34.53 | 92.90 3.88 -48.58 | 90.17 3.73 -45.03 | 77.40 3.47 -36.56 | 86.08 3.77 -41.28 | 112.45 3.58 -69.29 | 159.72 3.50 -117.94 | 158.44 3.67 -114.81 | 169.04 3.44 -128.30 | 48.21 3.24 -6.57 | 43.85 2.93 -6.76 | 53.92 2.64 -19.00 | 76.02 2.36 -45.08 |
| FRANKLIN_FALL_HYD 24054 | 32.34 1.08 0.00 | 29.85 0.94 0.00 | 28.44 1.01 0.00 | 29.18 1.05 0.00 | 27.76 0.98 0.00 | 19.45 0.68 -0.02 | 39.76 1.88 0.00 | 47.75 2.69 0.00 | 45.72 2.57 0.00 | 42.47 2.31 0.00 | 42.47 2.01 0.00 | 41.43 1.88 0.00 | 42.40 1.95 0.00 | 43.02 2.03 0.42 | 39.03 1.66 0.00 | 42.81 1.77 0.00 | 41.28 1.70 0.00 | 39.86 1.59 0.00 | 41.60 1.64 0.00 | 38.84 1.53 0.00 | 40.05 1.66 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.02 1.44 0.00 |
| FREEPORT_EQUS_GT1 23764 | 88.89 3.09 -54.54 | 32.40 2.87 -0.63 | 30.98 2.66 -0.90 | 30.85 2.71 -0.01 | 37.98 2.56 -8.64 | 75.30 1.67 -54.88 | 61.99 3.19 -20.91 | 94.57 3.49 -46.02 | 102.81 3.43 -56.24 | 72.52 3.16 -29.20 | 60.78 3.38 -16.95 | 73.61 3.36 -30.70 | 88.55 3.50 -44.60 | 92.03 3.53 -47.08 | 73.54 3.27 -32.90 | 84.90 3.55 -40.30 | 105.64 3.36 -62.69 | 145.11 3.27 -103.56 | 144.24 3.43 -100.85 | 156.10 3.26 -115.54 | 52.69 3.06 -11.23 | 56.20 2.90 -19.14 | 60.48 2.69 -25.51 | 75.35 2.35 -44.42 |

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| FREEPORT___CT2 23818 | 88.89 3.09 -54.54 | 32.40 2.87 -0.63 | 30.98 2.66 -0.90 | 30.85 2.71 -0.01 | 37.98 2.56 -8.64 | 75.30 1.67 -54.88 | 61.99 3.19 -20.91 | 94.57 3.49 -46.02 | 102.81 3.43 -56.24 | 72.52 3.16 -29.20 | 60.78 3.38 -16.95 | 73.61 3.36 -30.70 | 88.55 3.50 -44.60 | 92.03 3.53 -47.08 | 73.54 3.27 -32.90 | 84.90 3.55 -40.30 | 105.64 3.36 -62.69 | 145.11 3.27 -103.56 | 144.24 3.43 -100.85 | 156.10 3.26 -115.54 | 52.69 3.06 -11.23 | 56.20 2.90 -19.14 | 60.48 2.69 -25.51 | 75.35 2.35 -44.42 |
| FRESHKLS_33_KV_LOAD 356253 | 33.77 2.50 0.00 | 31.61 2.32 -0.39 | 30.24 2.20 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.40 1.26 -22.39 | 40.22 2.34 0.00 | 47.47 2.40 0.00 | 45.39 2.24 0.00 | 43.80 2.09 -1.55 | 43.33 2.62 -0.26 | 45.56 2.38 -3.63 | 43.03 2.41 -0.18 | 43.09 2.38 0.70 | 42.66 2.18 -3.11 | 43.38 2.33 0.00 | 41.97 2.39 0.00 | 40.59 2.32 0.00 | 42.46 2.50 0.00 | 39.71 2.41 0.00 | 40.77 2.37 0.00 | 36.50 2.35 0.00 | 34.26 1.99 0.00 | 30.33 1.74 0.00 |
| FULTON COGEN____ 23766 | 30.29 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.68 -0.86 -0.11 | 27.21 -0.91 0.00 | 26.45 -0.83 -0.50 | 22.15 -0.56 -3.95 | 36.44 -1.45 0.00 | 43.29 -1.77 0.00 | 41.49 -1.65 0.00 | 38.60 -1.50 0.06 | 39.11 -1.34 0.01 | 38.12 -1.28 0.15 | 39.11 -1.33 0.01 | 35.47 -1.45 4.49 | 36.14 -1.11 0.13 | 39.82 -1.22 0.00 | 38.53 -1.05 0.00 | 37.26 -1.01 0.00 | 38.88 -1.07 0.00 | 36.22 -1.08 0.00 | 37.31 -1.09 0.00 | 33.17 -0.98 0.00 | 31.29 -0.99 0.00 | 27.74 -0.85 0.00 |
| FULTON___LFGE 323630 | 34.35 3.09 0.00 | 32.70 2.78 -1.01 | 31.63 2.61 -1.59 | 30.77 2.64 0.00 | 36.56 2.62 -7.16 | 76.57 1.96 -55.85 | 42.04 4.15 0.00 | 50.35 5.28 0.00 | 48.08 4.94 0.00 | 45.03 4.49 -0.38 | 45.06 4.54 -0.06 | 44.95 4.51 -0.89 | 44.98 4.49 -0.04 | 44.97 4.72 1.16 | 42.42 4.28 -0.77 | 45.79 4.75 0.00 | 44.39 4.81 0.00 | 43.13 4.86 0.00 | 44.86 4.91 0.00 | 41.68 4.38 0.00 | 42.88 4.49 0.00 | 38.08 3.92 0.00 | 35.68 3.41 0.00 | 31.44 2.86 0.00 |
| G.F.CEMENT___DRP 24184 | 33.05 1.79 0.00 | 31.66 1.69 -1.07 | 30.70 1.58 -1.69 | 29.95 1.82 0.00 | 36.20 1.82 -7.60 | 79.18 1.35 -59.08 | 40.27 2.38 0.00 | 47.75 2.69 0.00 | 45.52 2.38 0.00 | 42.61 1.95 -0.50 | 42.93 2.38 -0.08 | 43.17 2.45 -1.17 | 42.85 2.35 -0.06 | 42.91 2.39 0.90 | 40.71 2.34 -1.00 | 43.42 2.38 0.00 | 41.93 2.35 0.00 | 40.47 2.20 0.00 | 42.17 2.21 0.00 | 39.30 1.99 0.00 | 40.35 1.95 0.00 | 35.71 1.56 0.00 | 33.68 1.41 0.00 | 29.80 1.21 0.00 |
| GARDENVILLE___LBMP 24039 | 30.21 -1.07 -0.03 | 27.92 -1.09 -0.12 | 26.29 -1.32 -0.18 | 26.46 -1.67 0.00 | 26.02 -1.54 -0.77 | 23.66 -1.23 -6.13 | 31.35 -3.72 2.82 | 40.43 -4.63 0.00 | 39.05 -4.09 0.00 | 34.65 -3.69 1.82 | 36.97 -3.47 0.02 | 36.19 -3.14 0.22 | 37.18 -3.26 0.01 | 34.04 -3.07 4.30 | 34.97 -2.22 0.19 | 38.67 -2.38 0.00 | 37.50 -2.08 0.00 | 36.04 -2.23 0.00 | 37.43 -2.52 0.00 | 34.57 -2.73 0.00 | 36.24 -2.15 0.00 | 32.18 -1.97 0.00 | 30.33 -1.94 0.00 | 27.17 -1.42 0.00 |
| GARDNVLA_35_KV_LD 355827 | 30.39 -0.90 -0.03 | 28.08 -0.94 -0.12 | 26.43 -1.18 -0.18 | 26.61 -1.52 0.00 | 26.16 -1.40 -0.77 | 23.74 -1.13 -6.12 | 31.63 -3.53 2.73 | 40.71 -4.36 0.00 | 39.31 -3.83 0.00 | 34.94 -3.45 1.77 | 37.21 -3.23 0.02 | 36.46 -2.87 0.22 | 37.45 -2.99 0.01 | 34.30 -2.81 4.31 | 35.19 -1.99 0.19 | 38.92 -2.12 0.00 | 37.75 -1.84 0.00 | 36.30 -1.97 0.00 | 37.69 -2.27 0.00 | 34.81 -2.50 0.00 | 36.48 -1.92 0.00 | 32.39 -1.77 0.00 | 30.51 -1.77 0.00 | 27.31 -1.27 0.00 |
| GELCKHM___115KV_LOAD 80723 | 30.56 -0.70 0.00 | 28.33 -0.65 -0.08 | 26.91 -0.64 -0.12 | 27.44 -0.69 0.00 | 26.71 -0.62 -0.54 | 22.66 -0.41 -4.31 | 36.71 -1.17 0.00 | 43.60 -1.46 0.00 | 41.81 -1.33 0.00 | 38.90 -1.20 0.07 | 39.41 -1.03 0.01 | 38.42 -0.97 0.16 | 39.41 -1.03 0.01 | 35.87 -1.14 4.40 | 36.42 -0.81 0.14 | 40.14 -0.90 0.00 | 38.83 -0.76 0.00 | 37.56 -0.71 0.00 | 39.19 -0.77 0.00 | 36.49 -0.81 0.00 | 37.59 -0.81 0.00 | 33.41 -0.74 0.00 | 31.50 -0.78 0.00 | 27.93 -0.66 0.00 |
| GENERAL___MILLS 23808 | 30.35 -0.94 -0.03 | 28.05 -0.97 -0.12 | 26.40 -1.21 -0.18 | 26.58 -1.55 0.00 | 26.12 -1.43 -0.77 | 23.72 -1.15 -6.12 | 31.56 -3.57 2.75 | 40.63 -4.43 0.00 | 39.25 -3.89 0.00 | 34.87 -3.51 1.79 | 37.16 -3.29 0.02 | 36.38 -2.94 0.22 | 37.37 -3.07 0.01 | 34.23 -2.88 4.31 | 35.14 -2.04 0.19 | 38.86 -2.19 0.00 | 37.68 -1.90 0.00 | 36.23 -2.04 0.00 | 37.61 -2.35 0.00 | 34.74 -2.56 0.00 | 36.40 -1.99 0.00 | 32.33 -1.83 0.00 | 30.46 -1.81 0.00 | 27.28 -1.31 0.00 |
| GE_PLASTICS___DRP 24183 | 32.37 1.11 0.00 | 30.66 1.08 -0.68 | 29.52 1.03 -1.07 | 29.22 1.10 0.00 | 32.64 1.09 -4.78 | 56.94 0.72 -37.47 | 39.09 1.20 0.00 | 46.19 1.13 0.00 | 44.19 1.04 0.00 | 41.59 0.94 -0.49 | 41.80 1.26 -0.08 | 41.89 1.18 -1.16 | 41.73 1.23 -0.06 | 41.70 1.21 0.92 | 39.61 1.24 -0.99 | 42.33 1.28 0.00 | 40.74 1.16 0.00 | 39.22 0.95 0.00 | 40.94 0.99 0.00 | 38.41 1.11 0.00 | 39.37 0.98 0.00 | 35.06 0.90 0.00 | 33.12 0.85 0.00 | 29.32 0.74 0.00 |
| GILBOA___1 23756 | 32.30 1.04 0.00 | 30.37 1.10 -0.37 | 29.06 1.05 -0.58 | 29.28 1.15 0.00 | 30.44 1.03 -2.63 | 40.32 0.64 -20.92 | 38.91 1.02 0.00 | 45.92 0.86 0.00 | 43.89 0.74 0.00 | 41.23 0.78 -0.28 | 41.72 1.22 -0.05 | 41.41 1.19 -0.67 | 41.69 1.21 -0.03 | 41.14 1.19 1.47 | 39.12 1.18 -0.57 | 42.30 1.25 0.00 | 40.56 0.97 0.00 | 39.10 0.84 0.00 | 40.89 0.94 0.00 | 38.24 0.94 0.00 | 39.24 0.84 0.00 | 34.95 0.79 0.00 | 33.05 0.77 0.00 | 29.27 0.69 0.00 |
| GILBOA___2 23757 | 32.30 1.04 0.00 | 30.37 1.10 -0.37 | 29.06 1.05 -0.58 | 29.28 1.15 0.00 | 30.44 1.03 -2.63 | 40.32 0.64 -20.92 | 38.91 1.02 0.00 | 45.92 0.86 0.00 | 43.89 0.74 0.00 | 41.23 0.78 -0.28 | 41.72 1.22 -0.05 | 41.41 1.19 -0.67 | 41.69 1.21 -0.03 | 41.14 1.19 1.47 | 39.12 1.18 -0.57 | 42.30 1.25 0.00 | 40.56 0.97 0.00 | 39.10 0.84 0.00 | 40.89 0.94 0.00 | 38.24 0.94 0.00 | 39.24 0.84 0.00 | 34.95 0.79 0.00 | 33.05 0.77 0.00 | 29.27 0.69 0.00 |
| GILBOA___3 23758 | 32.30 1.04 0.00 | 30.37 1.10 -0.37 | 29.06 1.05 -0.58 | 29.28 1.15 0.00 | 30.44 1.03 -2.63 | 40.32 0.64 -20.92 | 38.91 1.02 0.00 | 45.92 0.86 0.00 | 43.89 0.74 0.00 | 41.23 0.78 -0.28 | 41.72 1.22 -0.05 | 41.41 1.19 -0.67 | 41.69 1.21 -0.03 | 41.14 1.19 1.47 | 39.12 1.18 -0.57 | 42.30 1.25 0.00 | 40.56 0.97 0.00 | 39.10 0.84 0.00 | 40.89 0.94 0.00 | 38.24 0.94 0.00 | 39.24 0.84 0.00 | 34.95 0.79 0.00 | 33.05 0.77 0.00 | 29.27 0.69 0.00 |
| GILBOA___4 23759 | 32.30 1.04 0.00 | 30.37 1.10 -0.37 | 29.06 1.05 -0.58 | 29.28 1.15 0.00 | 30.44 1.03 -2.63 | 40.32 0.64 -20.92 | 38.91 1.02 0.00 | 45.92 0.86 0.00 | 43.89 0.74 0.00 | 41.23 0.78 -0.28 | 41.72 1.22 -0.05 | 41.41 1.19 -0.67 | 41.69 1.21 -0.03 | 41.14 1.19 1.47 | 39.12 1.18 -0.57 | 42.30 1.25 0.00 | 40.56 0.97 0.00 | 39.10 0.84 0.00 | 40.89 0.94 0.00 | 38.24 0.94 0.00 | 39.24 0.84 0.00 | 34.95 0.79 0.00 | 33.05 0.77 0.00 | 29.27 0.69 0.00 |
| GILBOA____ 23599 | 32.30 1.04 0.00 | 30.37 1.09 -0.37 | 29.06 1.05 -0.58 | 29.28 1.15 0.00 | 30.44 1.02 -2.63 | 40.31 0.63 -20.92 | 38.91 1.02 0.00 | 45.91 0.85 0.00 | 43.89 0.74 0.00 | 41.22 0.78 -0.28 | 41.72 1.22 -0.05 | 41.41 1.19 -0.67 | 41.68 1.20 -0.03 | 41.14 1.19 1.47 | 39.12 1.17 -0.57 | 42.30 1.25 0.00 | 40.56 0.98 0.00 | 39.10 0.83 0.00 | 40.89 0.94 0.00 | 38.23 0.93 0.00 | 39.23 0.84 0.00 | 34.95 0.79 0.00 | 33.04 0.77 0.00 | 29.27 0.69 0.00 |

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| GINNA____ 23603 | 27.95 -2.31 1.00 | 26.02 -2.18 0.70 | 25.03 -2.15 0.25 | 25.63 -2.31 0.18 | 25.30 -2.12 -0.64 | 22.31 -1.50 -5.05 | 32.71 -3.64 1.54 | 40.70 -4.37 0.00 | 39.13 -4.01 0.00 | 35.47 -3.64 1.06 | 36.84 -3.46 0.16 | 35.64 -3.25 0.66 | 36.29 -3.38 0.78 | 31.80 -3.42 6.20 | 32.68 -2.76 1.93 | 35.70 -3.04 2.30 | 34.25 -2.72 2.62 | 34.97 -2.74 0.56 | 36.98 -2.98 0.00 | 33.94 -3.02 0.34 | 33.33 -2.88 2.18 | 30.66 -2.64 0.87 | 29.59 -2.61 0.08 | 26.33 -2.19 0.07 |
| GLEN PARK____ 23778 | 31.32 0.07 0.00 | 28.88 -0.07 -0.04 | 27.45 -0.05 -0.07 | 28.07 -0.06 0.00 | 27.09 0.00 -0.31 | 21.22 0.01 -2.46 | 38.12 0.23 0.00 | 45.62 0.55 0.00 | 43.47 0.33 0.00 | 40.50 0.34 0.00 | 40.92 0.46 0.00 | 39.99 0.44 0.00 | 40.95 0.50 0.00 | 39.20 0.57 2.79 | 37.98 0.61 0.00 | 41.62 0.58 0.00 | 40.26 0.68 0.00 | 38.95 0.68 0.00 | 40.50 0.54 0.00 | 37.74 0.44 0.00 | 38.95 0.55 0.00 | 34.58 0.43 0.00 | 32.55 0.27 0.00 | 28.67 0.09 0.00 |
| GLENDAL_27_KV_LOAD 356172 | 33.69 2.43 0.00 | 31.52 2.23 -0.39 | 30.15 2.11 -0.61 | 30.27 2.14 0.00 | 31.59 1.98 -2.82 | 42.47 1.33 -22.39 | 40.38 2.49 0.00 | 47.75 2.69 0.00 | 45.77 2.63 0.00 | 44.17 2.47 -1.55 | 43.69 2.98 -0.26 | 46.06 2.89 -3.63 | 43.52 2.90 -0.18 | 43.59 2.89 0.70 | 43.16 2.67 -3.11 | 43.93 2.89 0.00 | 42.36 2.78 0.00 | 40.95 2.68 0.00 | 42.78 2.82 0.00 | 39.95 2.65 0.00 | 40.91 2.52 0.00 | 36.44 2.29 0.00 | 34.20 1.93 0.00 | 30.26 1.67 0.00 |
| GLENWOOD_IC_1_G5 23712 | 78.26 2.74 -44.27 | 32.01 2.52 -0.58 | 30.66 2.38 -0.84 | 30.54 2.41 0.00 | 36.58 2.25 -7.54 | 69.13 1.50 -48.88 | 58.36 2.74 -17.73 | 99.17 3.03 -51.08 | 98.80 2.94 -52.72 | 67.82 2.70 -24.97 | 60.89 3.27 -17.16 | 72.66 3.22 -29.89 | 85.75 3.21 -42.09 | 90.58 3.22 -45.95 | 69.97 2.99 -29.61 | 89.36 3.24 -45.08 | 111.91 3.11 -69.22 | 158.83 2.99 -117.58 | 158.79 3.16 -115.67 | 160.67 2.95 -120.41 | 51.69 2.80 -10.50 | 52.04 2.53 -15.36 | 55.09 2.24 -20.58 | 72.08 2.05 -41.44 |
| GLENWOOD_IC_2_G1 23688 | 34.75 2.50 -0.99 | 31.61 2.32 -0.39 | 30.22 2.18 -0.61 | 30.34 2.21 0.00 | 31.78 2.07 -2.93 | 43.14 1.40 -22.99 | 40.90 2.60 -0.41 | 49.78 2.82 -1.90 | 47.39 2.73 -1.52 | 44.80 2.53 -2.12 | 44.29 3.01 -0.82 | 46.95 2.96 -4.44 | 44.90 3.02 -1.43 | 45.17 3.00 -0.75 | 43.98 2.79 -3.82 | 45.75 3.02 -1.68 | 45.04 2.90 -2.55 | 45.54 2.80 -4.48 | 47.36 2.95 -4.46 | 44.23 2.76 -4.17 | 41.29 2.60 -0.30 | 36.82 2.35 -0.31 | 34.78 2.07 -0.44 | 31.63 1.82 -1.22 |
| GLENWOOD_IC_3_G1 23689 | 34.75 2.50 -0.99 | 31.61 2.32 -0.39 | 30.22 2.18 -0.61 | 30.34 2.21 0.00 | 31.78 2.07 -2.93 | 43.14 1.40 -22.99 | 40.90 2.60 -0.41 | 49.78 2.82 -1.90 | 47.39 2.73 -1.52 | 44.80 2.53 -2.12 | 44.29 3.01 -0.82 | 46.95 2.96 -4.44 | 44.90 3.02 -1.43 | 45.17 3.00 -0.75 | 43.98 2.79 -3.82 | 45.75 3.02 -1.68 | 45.04 2.90 -2.55 | 45.54 2.80 -4.48 | 47.36 2.95 -4.46 | 44.23 2.76 -4.17 | 41.29 2.60 -0.30 | 36.82 2.35 -0.31 | 34.78 2.07 -0.44 | 31.63 1.82 -1.22 |
| GLENWOOD____4 23550 | 78.26 2.74 -44.27 | 32.01 2.52 -0.58 | 30.66 2.38 -0.84 | 30.54 2.41 0.00 | 36.58 2.25 -7.54 | 69.13 1.50 -48.88 | 58.41 2.79 -17.73 | 99.22 3.08 -51.08 | 98.86 3.00 -52.72 | 67.88 2.75 -24.97 | 60.91 3.29 -17.16 | 72.68 3.24 -29.89 | 85.80 3.26 -42.09 | 90.64 3.27 -45.95 | 70.01 3.03 -29.61 | 89.41 3.29 -45.08 | 111.96 3.16 -69.22 | 158.88 3.04 -117.58 | 158.84 3.21 -115.67 | 160.71 3.00 -120.41 | 51.74 2.84 -10.50 | 52.08 2.57 -15.36 | 55.12 2.28 -20.58 | 72.08 2.05 -41.44 |
| GLENWOOD____5 23614 | 78.26 2.74 -44.27 | 32.01 2.52 -0.58 | 30.66 2.38 -0.84 | 30.54 2.41 0.00 | 36.58 2.25 -7.54 | 69.13 1.50 -48.88 | 58.41 2.79 -17.73 | 99.22 3.08 -51.08 | 98.86 3.00 -52.72 | 67.88 2.75 -24.97 | 60.91 3.29 -17.16 | 72.68 3.24 -29.89 | 85.80 3.26 -42.09 | 90.64 3.27 -45.95 | 70.01 3.03 -29.61 | 89.41 3.29 -45.08 | 111.96 3.16 -69.22 | 158.88 3.04 -117.58 | 158.84 3.21 -115.67 | 160.71 3.00 -120.41 | 51.74 2.84 -10.50 | 52.08 2.57 -15.36 | 55.12 2.28 -20.58 | 72.08 2.05 -41.44 |
| GLOBAL GREEN_PORT_GT1 23814 | 99.28 4.68 -63.34 | 33.93 4.35 -0.68 | 32.49 4.10 -0.95 | 32.39 4.24 -0.02 | 40.41 4.04 -9.58 | 82.12 2.74 -60.62 | 74.77 5.56 -31.32 | 93.09 6.29 -41.74 | 123.89 6.06 -74.69 | 78.23 5.24 -32.83 | 62.63 5.45 -16.72 | 76.19 5.34 -31.30 | 93.80 5.62 -47.74 | 99.90 6.01 -52.48 | 78.78 5.59 -35.82 | 85.97 6.20 -38.73 | 104.45 6.16 -58.71 | 135.84 6.07 -91.51 | 134.67 6.32 -88.39 | 154.18 5.84 -111.03 | 59.32 5.68 -15.25 | 69.56 5.02 -30.38 | 70.99 4.53 -34.19 | 80.96 3.94 -48.43 |
| GLOBE____DSASP 323697 | 29.02 -2.27 -0.03 | 26.85 -2.16 -0.11 | 25.30 -2.30 -0.17 | 25.45 -2.68 0.00 | 25.07 -2.45 -0.74 | 22.75 -1.87 -5.86 | 30.30 -5.14 2.45 | 38.33 -6.73 0.00 | 37.04 -6.10 0.00 | 33.05 -5.51 1.60 | 35.09 -5.36 0.02 | 34.27 -5.07 0.21 | 35.25 -5.19 0.01 | 32.01 -5.05 4.36 | 33.21 -3.98 0.18 | 36.77 -4.27 0.00 | 35.60 -3.99 0.00 | 34.09 -4.18 0.00 | 35.34 -4.62 0.00 | 32.65 -4.65 0.00 | 34.32 -4.08 0.00 | 30.49 -3.67 0.00 | 28.74 -3.53 0.00 | 25.89 -2.69 0.00 |
| GOETHSLN____LBMP 323567 | 33.31 2.05 0.00 | 31.21 1.92 -0.39 | 29.87 1.84 -0.61 | 30.02 1.89 0.00 | 31.34 1.74 -2.82 | 42.29 1.15 -22.39 | 39.97 2.09 0.00 | 47.27 2.20 0.00 | 45.29 2.15 0.00 | 43.72 2.01 -1.55 | 43.24 2.52 -0.26 | 45.67 2.49 -3.63 | 43.06 2.44 -0.18 | 43.13 2.42 0.70 | 42.75 2.26 -3.11 | 43.47 2.43 0.00 | 41.91 2.33 0.00 | 40.51 2.24 0.00 | 42.33 2.38 0.00 | 39.52 2.22 0.00 | 40.43 2.04 0.00 | 36.03 1.87 0.00 | 33.86 1.58 0.00 | 29.98 1.40 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 30.40 -0.86 0.00 | 28.20 -0.80 -0.09 | 26.68 -0.89 -0.14 | 26.98 -1.15 0.00 | 26.43 -1.01 -0.65 | 23.18 -0.75 -5.18 | 33.82 -2.38 1.69 | 42.19 -2.87 0.00 | 40.64 -2.51 0.00 | 36.82 -2.22 1.13 | 38.44 -2.00 0.01 | 37.54 -1.82 0.19 | 38.53 -1.91 0.01 | 35.05 -1.89 4.47 | 35.92 -1.29 0.16 | 39.60 -1.44 0.00 | 38.43 -1.16 0.00 | 37.01 -1.25 0.00 | 38.51 -1.45 0.00 | 35.64 -1.67 0.00 | 37.10 -1.30 0.00 | 32.91 -1.25 0.00 | 30.95 -1.32 0.00 | 27.59 -0.99 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 32.38 1.12 0.00 | 30.42 1.06 -0.46 | 29.16 1.01 -0.72 | 29.16 1.03 0.00 | 30.99 0.96 -3.25 | 44.54 0.67 -25.12 | 39.15 1.26 0.00 | 46.53 1.47 0.00 | 44.58 1.44 0.00 | 41.49 1.39 0.06 | 42.10 1.65 0.01 | 41.08 1.67 0.14 | 42.14 1.70 0.01 | 40.78 1.71 2.34 | 38.86 1.60 0.12 | 42.79 1.75 0.00 | 41.33 1.75 0.00 | 40.05 1.78 0.00 | 41.76 1.80 0.00 | 38.86 1.56 0.00 | 39.94 1.55 0.00 | 35.52 1.36 0.00 | 33.44 1.17 0.00 | 29.60 1.02 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 31.35 0.09 0.00 | 29.17 0.09 -0.19 | 27.75 0.03 -0.29 | 28.13 0.00 0.00 | 28.11 0.00 -1.32 | 29.15 -0.05 -10.44 | 37.42 -0.46 0.00 | 44.40 -0.67 0.00 | 42.57 -0.58 0.00 | 39.52 -0.49 0.15 | 40.23 -0.20 0.03 | 39.11 -0.08 0.36 | 40.30 -0.13 0.02 | 37.70 -0.20 3.51 | 37.07 0.01 0.30 | 41.10 0.06 0.00 | 39.66 0.07 0.00 | 38.35 0.08 0.00 | 40.04 0.08 0.00 | 37.24 -0.07 0.00 | 38.39 -0.01 0.00 | 34.09 -0.07 0.00 | 32.15 -0.13 0.00 | 28.50 -0.08 0.00 |
| GOUDEY____7 23579 | 31.38 0.12 0.00 | 29.19 0.11 -0.19 | 27.77 0.05 -0.29 | 28.15 0.02 0.00 | 28.13 0.03 -1.32 | 29.17 -0.03 -10.44 | 37.45 -0.44 0.00 | 44.43 -0.63 0.00 | 42.61 -0.53 0.00 | 39.56 -0.45 0.15 | 40.27 -0.16 0.03 | 39.15 -0.04 0.36 | 40.34 -0.09 0.02 | 37.75 -0.16 3.51 | 37.11 0.05 0.30 | 41.14 0.10 0.00 | 39.70 0.12 0.00 | 38.40 0.13 0.00 | 40.08 0.12 0.00 | 37.27 -0.03 0.00 | 38.42 0.03 0.00 | 34.13 -0.03 0.00 | 32.18 -0.09 0.00 | 28.53 -0.05 0.00 |

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|---------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| GOUDEY___8 | 31.35 | 29.17 | 27.75 | 28.13 | 28.11 | 29.15 | 37.42 | 44.40 | 42.57 | 39.52 | 40.23 | 39.11 | 40.30 | 37.70 | 37.07 | 41.10 | 39.66 | 38.35 | 40.04 | 37.24 | 38.39 | 34.09 | 32.15 | 28.50 |
| 23580 | 0.09 | 0.09 | 0.03 | 0.00 | 0.00 | -0.05 | -0.46 | -0.67 | -0.58 | -0.49 | -0.20 | -0.08 | -0.13 | -0.20 | 0.01 | 0.06 | 0.07 | 0.08 | 0.08 | -0.07 | -0.01 | -0.07 | -0.13 | -0.08 |
| | 0.00 | -0.19 | -0.29 | 0.00 | -1.32 | -10.44 | 0.00 | 0.00 | 0.00 | 0.15 | 0.03 | 0.36 | 0.02 | 3.51 | 0.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_1 | 33.65 | 31.49 | 30.13 | 30.21 | 31.51 | 42.42 | 40.23 | 47.57 | 45.54 | 43.95 | 43.52 | 45.84 | 43.31 | 43.39 | 42.94 | 43.69 | 42.15 | 40.74 | 42.60 | 39.83 | 40.84 | 36.44 | 34.20 | 30.27 |
| 24077 | 2.39 | 2.21 | 2.09 | 2.08 | 1.91 | 1.28 | 2.35 | 2.51 | 2.40 | 2.24 | 2.80 | 2.66 | 2.68 | 2.67 | 2.46 | 2.65 | 2.56 | 2.47 | 2.64 | 2.52 | 2.44 | 2.28 | 1.92 | 1.68 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_2 | 33.65 | 31.49 | 30.13 | 30.21 | 31.51 | 42.42 | 40.23 | 47.57 | 45.54 | 43.95 | 43.52 | 45.84 | 43.31 | 43.39 | 42.94 | 43.69 | 42.15 | 40.74 | 42.60 | 39.83 | 40.84 | 36.44 | 34.20 | 30.27 |
| 24078 | 2.39 | 2.21 | 2.09 | 2.08 | 1.91 | 1.28 | 2.35 | 2.51 | 2.40 | 2.24 | 2.80 | 2.66 | 2.68 | 2.67 | 2.46 | 2.65 | 2.56 | 2.47 | 2.64 | 2.52 | 2.44 | 2.28 | 1.92 | 1.68 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_3 | 33.65 | 31.49 | 30.13 | 30.21 | 31.51 | 42.42 | 40.23 | 47.57 | 45.54 | 43.95 | 43.52 | 45.84 | 43.31 | 43.39 | 42.94 | 43.69 | 42.15 | 40.74 | 42.60 | 39.83 | 40.84 | 36.44 | 34.20 | 30.27 |
| 24079 | 2.39 | 2.21 | 2.09 | 2.08 | 1.91 | 1.28 | 2.35 | 2.51 | 2.40 | 2.24 | 2.80 | 2.66 | 2.68 | 2.67 | 2.46 | 2.65 | 2.56 | 2.47 | 2.64 | 2.52 | 2.44 | 2.28 | 1.92 | 1.68 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_4 | 33.65 | 31.49 | 30.13 | 30.21 | 31.51 | 42.42 | 40.23 | 47.57 | 45.54 | 43.95 | 43.52 | 45.84 | 43.31 | 43.39 | 42.94 | 43.69 | 42.15 | 40.74 | 42.60 | 39.83 | 40.84 | 36.44 | 34.20 | 30.27 |
| 24080 | 2.39 | 2.21 | 2.09 | 2.08 | 1.91 | 1.28 | 2.35 | 2.51 | 2.40 | 2.24 | 2.80 | 2.66 | 2.68 | 2.67 | 2.46 | 2.65 | 2.56 | 2.47 | 2.64 | 2.52 | 2.44 | 2.28 | 1.92 | 1.68 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22.39 | 0.00 | 0.00 | 0.00 | -1.55 | -0.26 | -3.63 | -0.18 | 0.70 | -3.11 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOWANUS_GT1_5 | 33.65 | 31.49 | 30.13 | 30.21 | 31.51 | 42.42 | 40.23 | 47.57 | 45.54 | 43.95 | 43.52 | 45.84 | 43.31 | 43.39 | 42.94 | 43.69 | 42.15 | 40.74 | 42.60 | 39.83 | 40.84 | 36.44 | 34.20 | 30.27 |
| 24084 | 2.39 | 2.21 | 2.09 | 2.08 | 1.91 | 1.28 | 2.35 | 2.51 | 2.40 | 2.24 | 2.80 | 2.66 | 2.68 | 2.67 | 2.46 | 2.65 | 2.56 | 2.47 | 2.64 | 2.52 | 2.44 | 2.28 | 1.92 | 1.68 |
| | 0.00 | -0.39 | -0.61 | 0.00 | -2.82 | -22 | | | | | | | | | | | | | | | | | | |

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|------------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| GOWANUS_GT2_7 24120 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT2_8 24121 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_1 24122 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_2 24123 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_3 24124 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_4 24125 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_5 24126 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| GOWANUS_GT3_6 24127 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 | | | | | | | | | | | | | | | | | |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_6 24135 | 33.65 2.39 0.00 | 31.49 2.21 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.42 1.28 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.54 2.40 0.00 | 43.95 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.39 2.67 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.52 0.00 | 40.84 2.44 0.00 | 36.44 2.28 0.00 | 34.20 1.92 0.00 | 30.27 1.68 0.00 |
| GOWANUS_GT4_7 24136 | 33.65 2.39 0.00 | 31.49 2.21 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.42 1.28 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.54 2.40 0.00 | 43.95 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.39 2.67 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.52 0.00 | 40.84 2.44 0.00 | 36.44 2.28 0.00 | 34.20 1.92 0.00 | 30.27 1.68 0.00 |
| GOWANUS_GT4_8 24137 | 33.65 2.39 0.00 | 31.49 2.21 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.42 1.28 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.54 2.40 0.00 | 43.95 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.39 2.67 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.52 0.00 | 40.84 2.44 0.00 | 36.44 2.28 0.00 | 34.20 1.92 0.00 | 30.27 1.68 0.00 |
| GREENBSH_115KV_TB3 55895 | 32.36 1.10 0.00 | 30.73 1.08 -0.75 | 29.63 1.02 -1.19 | 29.21 1.08 0.00 | 33.19 1.09 -5.32 | 61.08 0.71 -41.62 | 39.04 1.15 0.00 | 46.10 1.04 0.00 | 44.10 0.95 0.00 | 41.50 0.83 -0.51 | 41.67 1.13 -0.08 | 41.75 1.01 -1.19 | 41.58 1.08 -0.06 | 41.54 1.05 0.91 | 39.53 1.14 -1.02 | 42.20 1.15 0.00 | 40.63 1.05 0.00 | 39.10 0.83 0.00 | 40.80 0.85 0.00 | 38.37 1.06 0.00 | 39.29 0.90 0.00 | 34.99 0.83 0.00 | 33.09 0.82 0.00 | 29.29 0.71 0.00 |
| GREENDGE_115KV_TB5 80291 | 31.20 -0.06 0.00 | 28.89 -0.14 -0.12 | 27.38 -0.25 -0.19 | 27.75 -0.38 0.00 | 27.39 -0.27 -0.87 | 25.45 -0.20 -6.90 | 27.25 -1.35 9.29 | 43.67 -1.40 0.00 | 41.96 -1.18 0.00 | 32.54 -1.10 6.52 | 39.56 -0.88 0.02 | 38.72 -0.58 0.25 | 39.75 -0.69 0.01 | 36.56 -0.75 4.11 | 36.74 -0.42 0.21 | 40.59 -0.45 0.00 | 39.32 -0.27 0.00 | 38.06 -0.21 0.00 | 39.69 -0.27 0.00 | 36.79 -0.51 0.00 | 38.10 -0.29 0.00 | 33.90 -0.25 0.00 | 31.97 -0.30 0.00 | 28.43 -0.15 0.00 |
| GREENIDGE___3 23582 | 31.20 -0.06 0.00 | 28.89 -0.14 -0.12 | 27.38 -0.25 -0.19 | 27.75 -0.38 0.00 | 27.39 -0.27 -0.87 | 25.45 -0.20 -6.90 | 27.25 -1.35 9.29 | 43.67 -1.40 0.00 | 41.96 -1.18 0.00 | 32.54 -1.10 6.52 | 39.56 -0.88 0.02 | 38.72 -0.58 0.25 | 39.75 -0.69 0.01 | 36.56 -0.75 4.11 | 36.74 -0.42 0.21 | 40.59 -0.45 0.00 | 39.32 -0.27 0.00 | 38.06 -0.21 0.00 | 39.69 -0.27 0.00 | 36.79 -0.51 0.00 | 38.10 -0.29 0.00 | 33.90 -0.25 0.00 | 31.97 -0.30 0.00 | 28.43 -0.15 0.00 |
| GREENIDGE___4 23583 | 31.72 -0.06 -0.51 | 29.28 -0.15 -0.53 | 27.58 -0.25 -0.39 | 27.84 -0.38 -0.09 | 27.38 -0.27 -0.87 | 25.45 -0.21 -6.90 | 27.24 -1.35 9.29 | 43.67 -1.39 0.00 | 41.97 -1.17 0.00 | 32.54 -1.10 6.52 | 39.64 -0.88 -0.06 | 38.98 -0.58 -0.01 | 40.12 -0.70 -0.37 | 37.38 -0.77 3.27 | 37.59 -0.43 -0.64 | 41.63 -0.47 -1.06 | 40.62 -0.28 -1.31 | 38.33 -0.22 -0.28 | 39.69 -0.27 0.00 | 36.95 -0.52 -0.17 | 39.17 -0.30 -1.07 | 34.33 -0.25 -0.43 | 32.02 -0.30 -0.04 | 28.47 -0.15 -0.04 |
| GREENLWN_69_KV_BK 3 55738 | 97.06 3.06 -62.74 | 32.42 2.84 -0.67 | 31.06 2.68 -0.95 | 30.85 2.70 -0.02 | 38.85 2.55 -9.52 | 80.69 1.70 -60.24 | 71.96 3.25 -30.82 | 90.70 3.60 -42.03 | 120.47 3.46 -73.87 | 75.88 3.14 -32.58 | 60.87 3.67 -16.74 | 74.43 3.62 -31.26 | 91.75 3.75 -47.55 | 97.40 3.75 -52.24 | 76.48 3.49 -35.62 | 83.70 3.75 -38.91 | 102.11 3.51 -59.03 | 133.98 3.38 -92.34 | 132.73 3.52 -89.25 | 151.94 3.30 -111.33 | 56.66 3.20 -15.07 | 66.93 2.94 -29.84 | 68.67 2.68 -33.72 | 79.20 2.39 -48.22 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 33.65 2.39 0.00 | 31.49 2.21 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.51 1.91 -2.82 | 42.42 1.28 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.54 2.40 0.00 | 43.95 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.39 2.67 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.52 0.00 | 40.84 2.44 0.00 | 36.44 2.28 0.00 | 34.20 1.92 0.00 | 30.27 1.68 0.00 |
| GRISSOM___SOLAR 323813 | 34.35 3.09 0.00 | 32.70 2.78 -1.01 | 31.63 2.61 -1.59 | 30.77 2.64 0.00 | 36.56 2.62 -7.16 | 76.57 1.96 -55.85 | 42.04 4.15 0.00 | 50.35 5.28 0.00 | 48.08 4.94 0.00 | 45.03 4.49 -0.38 | 45.06 4.54 -0.06 | 44.95 4.51 -0.89 | 44.98 4.49 -0.04 | 44.97 4.72 1.16 | 42.42 4.28 -0.77 | 45.79 4.75 0.00 | 44.39 4.81 0.00 | 43.13 4.86 0.00 | 44.86 4.91 0.00 | 41.68 4.38 0.00 | 42.88 4.49 0.00 | 38.08 3.92 0.00 | 35.68 3.41 0.00 | 31.44 2.86 0.00 |
| GROVEVILLE___HYD 323602 | 33.52 2.26 0.00 | 31.36 2.07 -0.39 | 30.00 1.95 -0.61 | 30.13 2.01 0.00 | 31.46 1.84 -2.84 | 42.53 1.28 -22.50 | 40.40 2.51 0.00 | 47.85 2.79 0.00 | 45.81 2.67 0.00 | 42.86 2.48 -0.22 | 43.40 2.90 -0.04 | 42.96 2.87 -0.55 | 43.38 2.91 -0.03 | 43.09 2.90 1.23 | 40.54 2.70 -0.47 | 44.00 2.96 0.00 | 42.49 2.91 0.00 | 41.06 2.79 0.00 | 42.92 2.97 0.00 | 40.05 2.74 0.00 | 41.00 2.60 0.00 | 36.47 2.31 0.00 | 34.27 2.00 0.00 | 30.32 1.74 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 30.91 -0.35 0.00 | 28.66 -0.32 -0.08 | 27.22 -0.34 -0.13 | 27.70 -0.43 0.00 | 27.01 -0.37 -0.60 | 23.28 -0.21 -4.74 | 37.04 -0.85 0.00 | 44.03 -1.04 0.00 | 42.22 -0.92 0.00 | 39.27 -0.81 0.07 | 39.82 -0.63 0.01 | 38.78 -0.59 0.17 | 39.79 -0.66 0.01 | 36.28 -0.71 4.42 | 36.80 -0.43 0.15 | 40.58 -0.46 0.00 | 39.26 -0.32 0.00 | 37.97 -0.30 0.00 | 39.67 -0.28 0.00 | 36.88 -0.43 0.00 | 38.02 -0.38 0.00 | 33.77 -0.39 0.00 | 31.83 -0.44 0.00 | 28.21 -0.37 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.33 0.24 1.33 | 37.46 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.17 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 31.75 0.49 0.00 | 29.49 0.59 0.00 | 28.08 0.65 0.00 | 28.95 0.82 0.00 | 27.63 0.85 0.00 | 19.38 0.60 -0.02 | 38.95 1.07 0.00 | 46.03 0.96 0.00 | 43.96 0.82 0.00 | 40.89 0.73 0.00 | 41.68 1.23 0.00 | 40.75 1.20 0.00 | 41.63 1.18 0.00 | 41.93 1.09 0.57 | 38.49 1.12 0.00 | 42.33 1.29 0.00 | 40.73 1.15 0.00 | 39.29 1.02 0.00 | 41.10 1.14 0.00 | 38.45 1.15 0.00 | 39.35 0.95 0.00 | 34.97 0.82 0.00 | 32.97 0.70 0.00 | 29.10 0.51 0.00 |

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| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 33.09 1.83 0.00 | 30.96 1.70 -0.36 | 29.60 1.60 -0.57 | 29.76 1.63 0.00 | 30.91 1.49 -2.64 | 40.73 1.03 -20.95 | 39.80 1.92 0.00 | 47.13 2.07 0.00 | 45.12 1.98 0.00 | 39.69 1.77 2.24 | 42.31 2.23 0.38 | 36.46 2.19 5.28 | 42.42 2.22 0.26 | 41.36 2.19 2.25 | 34.90 2.05 4.52 | 43.31 2.26 0.00 | 41.82 2.24 0.00 | 40.42 2.15 0.00 | 42.30 2.34 0.00 | 39.46 2.16 0.00 | 40.39 1.99 0.00 | 35.93 1.77 0.00 | 33.78 1.51 0.00 | 29.90 1.31 0.00 |
| HARSNRAD_115KV_TB1 81005 | 29.20 -2.08 -0.02 | 27.01 -2.00 -0.11 | 25.48 -2.12 -0.17 | 25.65 -2.48 0.00 | 25.25 -2.27 -0.73 | 22.84 -1.71 -5.80 | 30.53 -4.81 2.54 | 39.05 -6.01 0.00 | 37.75 -5.39 0.00 | 33.74 -4.85 1.57 | 35.76 -4.68 0.02 | 34.95 -4.39 0.21 | 35.91 -4.53 0.01 | 32.66 -4.40 4.36 | 33.78 -3.42 0.18 | 37.32 -3.72 0.00 | 36.21 -3.37 0.00 | 34.76 -3.50 0.00 | 36.07 -3.89 0.00 | 33.30 -4.00 0.00 | 35.14 -3.26 0.00 | 31.37 -2.78 0.00 | 29.59 -2.68 0.00 | 26.60 -1.99 0.00 |
| HARZA MOOSE__RIVER 24016 | 31.88 0.62 0.00 | 29.41 0.51 0.00 | 27.94 0.51 0.00 | 28.65 0.52 0.00 | 27.30 0.52 0.00 | 19.18 0.37 -0.06 | 38.78 0.89 0.00 | 46.30 1.24 0.00 | 44.23 1.09 0.00 | 41.20 1.04 0.00 | 41.59 1.13 0.00 | 40.64 1.09 0.00 | 41.56 1.11 0.00 | 40.99 1.15 1.58 | 38.44 1.06 0.00 | 42.20 1.16 0.00 | 40.73 1.15 0.00 | 39.37 1.10 0.00 | 41.01 1.06 0.00 | 38.25 0.94 0.00 | 39.43 1.04 0.00 | 35.05 0.89 0.00 | 33.04 0.77 0.00 | 29.17 0.58 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 30.52 -0.74 0.00 | 28.30 -0.68 -0.07 | 26.88 -0.67 -0.12 | 27.40 -0.72 0.00 | 26.67 -0.65 -0.54 | 22.59 -0.43 -4.27 | 36.65 -1.24 0.00 | 43.53 -1.53 0.00 | 41.75 -1.40 0.00 | 38.85 -1.25 0.07 | 39.37 -1.08 0.01 | 38.39 -1.00 0.16 | 39.39 -1.06 0.01 | 35.98 -1.18 4.26 | 36.40 -0.84 0.14 | 40.10 -0.94 0.00 | 38.80 -0.79 0.00 | 37.52 -0.75 0.00 | 39.14 -0.82 0.00 | 36.45 -0.86 0.00 | 37.54 -0.86 0.00 | 33.35 -0.81 0.00 | 31.44 -0.84 0.00 | 27.88 -0.71 0.00 |
| HELLGATE_13_KV_LD 55870 | 33.57 2.31 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.88 -2.82 | 42.40 1.25 -22.39 | 40.22 2.34 0.00 | 47.55 2.49 0.00 | 45.56 2.41 0.00 | 43.97 2.27 -1.55 | 43.47 2.75 -0.26 | 45.86 2.68 -3.63 | 43.30 2.67 -0.18 | 43.37 2.66 0.70 | 42.94 2.45 -3.11 | 43.69 2.65 0.00 | 42.13 2.54 0.00 | 40.71 2.44 0.00 | 42.53 2.57 0.00 | 39.74 2.43 0.00 | 40.69 2.30 0.00 | 36.26 2.10 0.00 | 34.03 1.76 0.00 | 30.12 1.53 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 33.57 2.31 0.00 | 31.40 2.11 -0.39 | 30.04 2.00 -0.61 | 30.16 2.03 0.00 | 31.48 1.88 -2.82 | 42.40 1.25 -22.39 | 40.22 2.34 0.00 | 47.55 2.49 0.00 | 45.56 2.41 0.00 | 43.97 2.27 -1.55 | 43.47 2.75 -0.26 | 45.86 2.68 -3.63 | 43.30 2.67 -0.18 | 43.37 2.66 0.70 | 42.94 2.45 -3.11 | 43.69 2.65 0.00 | 42.13 2.54 0.00 | 40.71 2.44 0.00 | 42.53 2.57 0.00 | 39.74 2.43 0.00 | 40.69 2.30 0.00 | 36.26 2.10 0.00 | 34.03 1.76 0.00 | 30.12 1.53 0.00 |
| HEMPSTEAD____ 23647 | 84.54 2.83 -50.45 | 32.13 2.62 -0.61 | 30.74 2.44 -0.88 | 30.63 2.49 -0.01 | 37.33 2.34 -8.20 | 72.87 1.55 -52.56 | 61.41 2.95 -20.58 | 96.27 3.20 -48.01 | 102.97 3.13 -56.70 | 70.54 2.86 -27.51 | 60.78 3.30 -17.02 | 73.17 3.26 -30.36 | 87.51 3.35 -43.71 | 91.93 3.37 -47.15 | 72.10 3.13 -31.60 | 86.92 3.39 -42.49 | 108.25 3.25 -65.41 | 150.44 3.12 -109.05 | 149.91 3.27 -106.68 | 157.89 3.10 -117.48 | 52.63 2.92 -11.32 | 55.37 2.67 -18.55 | 58.78 2.40 -24.10 | 74.18 2.12 -43.46 |
| HEWLETT__69_KV_BK3 55828 | 95.71 3.16 -61.29 | 32.45 2.89 -0.66 | 31.09 2.72 -0.93 | 30.88 2.74 -0.01 | 38.73 2.59 -9.36 | 78.23 1.73 -57.74 | 49.88 3.13 -8.86 | 101.24 3.66 -52.52 | 80.65 3.40 -34.11 | 76.03 3.19 -32.68 | 63.46 3.71 -19.30 | 77.72 3.64 -34.53 | 92.78 3.74 -48.58 | 90.12 3.68 -45.03 | 77.36 3.42 -36.56 | 85.99 3.68 -41.28 | 112.41 3.54 -69.29 | 159.66 3.45 -117.94 | 158.39 3.63 -114.81 | 168.99 3.38 -128.30 | 48.14 3.17 -6.57 | 43.80 2.88 -6.76 | 53.88 2.61 -19.00 | 75.97 2.31 -45.07 |
| HICKLING____1 23621 | 31.21 -0.06 -0.01 | 28.93 -0.12 -0.15 | 27.40 -0.27 -0.24 | 27.74 -0.39 0.00 | 27.44 -0.41 -1.07 | 26.83 -0.39 -8.46 | 28.61 -1.50 7.77 | 43.25 -1.81 0.00 | 41.63 -1.51 0.00 | 33.32 -1.41 5.44 | 39.29 -1.14 0.02 | 38.42 -0.83 0.30 | 39.50 -0.94 0.01 | 36.54 -1.03 3.84 | 36.51 -0.60 0.26 | 40.56 -0.48 0.00 | 39.20 -0.38 0.00 | 37.98 -0.29 0.00 | 39.64 -0.32 0.00 | 36.70 -0.60 0.00 | 38.08 -0.32 0.00 | 33.74 -0.42 0.00 | 31.78 -0.49 0.00 | 28.24 -0.34 0.00 |
| HICKLING____2 23622 | 31.21 -0.06 -0.01 | 28.93 -0.12 -0.15 | 27.40 -0.27 -0.24 | 27.74 -0.39 0.00 | 27.44 -0.41 -1.07 | 26.83 -0.39 -8.46 | 28.61 -1.50 7.77 | 43.25 -1.81 0.00 | 41.63 -1.51 0.00 | 33.32 -1.41 5.44 | 39.29 -1.14 0.02 | 38.42 -0.83 0.30 | 39.50 -0.94 0.01 | 36.54 -1.03 3.84 | 36.51 -0.60 0.26 | 40.56 -0.48 0.00 | 39.20 -0.38 0.00 | 37.98 -0.29 0.00 | 39.64 -0.32 0.00 | 36.70 -0.60 0.00 | 38.08 -0.32 0.00 | 33.74 -0.42 0.00 | 31.78 -0.49 0.00 | 28.24 -0.34 0.00 |
| HIGH FALLS____HY 23754 | 33.31 2.05 0.00 | 31.17 1.85 -0.42 | 29.83 1.74 -0.66 | 29.92 1.79 0.00 | 31.44 1.63 -3.03 | 43.84 1.13 -23.95 | 40.07 2.19 0.00 | 47.55 2.49 0.00 | 45.49 2.35 0.00 | 42.21 2.19 0.14 | 43.10 2.66 0.02 | 41.89 2.66 0.32 | 43.09 2.66 0.02 | 42.68 2.63 1.36 | 39.53 2.43 0.28 | 43.76 2.72 0.00 | 42.28 2.69 0.00 | 40.92 2.66 0.00 | 42.81 2.85 0.00 | 39.88 2.57 0.00 | 40.84 2.44 0.00 | 36.30 2.14 0.00 | 34.10 1.83 0.00 | 30.16 1.58 0.00 |
| HILLBURN____GT 23639 | 32.98 1.72 0.00 | 30.89 1.62 -0.37 | 29.54 1.54 -0.57 | 29.67 1.54 0.00 | 30.89 1.44 -2.67 | 40.92 0.99 -21.17 | 39.68 1.79 0.00 | 46.95 1.89 0.00 | 44.93 1.79 0.00 | 39.29 1.56 2.43 | 42.09 2.04 0.41 | 35.82 2.00 5.72 | 42.20 2.03 0.28 | 41.07 1.97 2.32 | 34.31 1.84 4.90 | 43.07 2.03 0.00 | 41.59 2.01 0.00 | 40.19 1.92 0.00 | 42.08 2.12 0.00 | 39.29 1.98 0.00 | 40.17 1.77 0.00 | 35.76 1.60 0.00 | 33.62 1.35 0.00 | 29.77 1.19 0.00 |
| HILLSIDE_115KV_TB1 80332 | 30.78 -0.48 0.00 | 28.56 -0.50 -0.16 | 27.07 -0.60 -0.25 | 27.44 -0.69 0.00 | 27.22 -0.67 -1.11 | 26.95 -0.58 -8.78 | 29.50 -1.77 6.62 | 42.90 -2.16 0.00 | 41.19 -1.95 0.00 | 33.65 -1.77 4.75 | 38.98 -1.46 0.02 | 38.08 -1.16 0.31 | 39.12 -1.31 0.02 | 36.18 -1.45 3.79 | 36.06 -1.04 0.27 | 40.05 -1.00 0.00 | 38.60 -0.99 0.00 | 37.44 -0.83 0.00 | 39.07 -0.89 0.00 | 36.19 -1.12 0.00 | 37.49 -0.91 0.00 | 33.26 -0.89 0.00 | 31.39 -0.88 0.00 | 27.88 -0.71 0.00 |
| HISHELDN_WT_PWR 323625 | 28.66 -1.11 1.49 | 26.67 -1.15 1.08 | 25.68 -1.35 0.40 | 26.14 -1.71 0.28 | 25.96 -1.64 -0.82 | 23.97 -1.29 -6.50 | 30.25 -3.94 3.70 | 40.33 -4.73 0.00 | 39.00 -4.14 0.00 | 34.01 -3.87 2.29 | 36.41 -3.80 0.24 | 35.10 -3.49 0.96 | 35.71 -3.56 1.18 | 31.27 -3.33 6.82 | 32.12 -2.37 2.88 | 35.15 -2.44 3.46 | 33.53 -2.09 3.95 | 35.26 -2.16 0.85 | 37.56 -2.40 0.00 | 34.18 -2.61 0.52 | 33.04 -2.06 3.29 | 30.95 -1.90 1.31 | 30.28 -1.88 0.12 | 27.09 -1.39 0.11 |
| HOLTSVILLE_IC_1 23690 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |

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| HOLTSVILLE_IC_10 23699 | 98.16 3.71 -63.20 | 33.01 3.43 -0.68 | 31.60 3.21 -0.95 | 31.44 3.29 -0.02 | 39.47 3.12 -9.57 | 81.36 2.08 -60.53 | 73.22 4.16 -31.18 | 91.47 4.60 -41.81 | 122.08 4.48 -74.45 | 76.89 3.97 -32.77 | 61.50 4.32 -16.73 | 75.13 4.29 -31.29 | 92.65 4.52 -47.69 | 98.49 4.67 -52.41 | 77.45 4.31 -35.77 | 84.55 4.75 -38.77 | 102.98 4.61 -58.78 | 134.49 4.51 -91.71 | 133.24 4.68 -88.60 | 152.79 4.38 -111.10 | 57.82 4.23 -15.19 | 68.17 3.79 -30.23 | 69.80 3.46 -34.07 | 79.99 3.03 -48.38 |
| HOLTSVILLE_IC_2 23691 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |
| HOLTSVILLE_IC_3 23692 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |
| HOLTSVILLE_IC_4 23693 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |
| HOLTSVILLE_IC_5 23694 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |
| HOLTSVILLE_IC_6 23695 | 98.16 3.71 -63.20 | 33.01 3.43 -0.68 | 31.60 3.21 -0.95 | 31.44 3.29 -0.02 | 39.47 3.12 -9.57 | 81.36 2.08 -60.53 | 73.22 4.16 -31.18 | 91.47 4.60 -41.81 | 122.08 4.48 -74.45 | 76.89 3.97 -32.77 | 61.50 4.32 -16.73 | 75.13 4.29 -31.29 | 92.65 4.52 -47.69 | 98.49 4.67 -52.41 | 77.45 4.31 -35.77 | 84.55 4.75 -38.77 | 102.98 4.61 -58.78 | 134.49 4.51 -91.71 | 133.24 4.68 -88.60 | 152.79 4.38 -111.10 | 57.82 4.23 -15.19 | 68.17 3.79 -30.23 | 69.80 3.46 -34.07 | 79.99 3.03 -48.38 |
| HOLTSVILLE_IC_7 23696 | 98.16 3.71 -63.20 | 33.01 3.43 -0.68 | 31.60 3.21 -0.95 | 31.44 3.29 -0.02 | 39.47 3.12 -9.57 | 81.36 2.08 -60.53 | 73.22 4.16 -31.18 | 91.47 4.60 -41.81 | 122.08 4.48 -74.45 | 76.89 3.97 -32.77 | 61.50 4.32 -16.73 | 75.13 4.29 -31.29 | 92.65 4.52 -47.69 | 98.49 4.67 -52.41 | 77.45 4.31 -35.77 | 84.55 4.75 -38.77 | 102.98 4.61 -58.78 | 134.49 4.51 -91.71 | 133.24 4.68 -88.60 | 152.79 4.38 -111.10 | 57.82 4.23 -15.19 | 68.17 3.79 -30.23 | 69.80 3.46 -34.07 | 79.99 3.03 -48.38 |
| HOLTSVILLE_IC_8 23697 | 98.16 3.71 -63.20 | 33.01 3.43 -0.68 | 31.60 3.21 -0.95 | 31.44 3.29 -0.02 | 39.47 3.12 -9.57 | 81.36 2.08 -60.53 | 73.22 4.16 -31.18 | 91.47 4.60 -41.81 | 122.08 4.48 -74.45 | 76.89 3.97 -32.77 | 61.50 4.32 -16.73 | 75.13 4.29 -31.29 | 92.65 4.52 -47.69 | 98.49 4.67 -52.41 | 77.45 4.31 -35.77 | 84.55 4.75 -38.77 | 102.98 4.61 -58.78 | 134.49 4.51 -91.71 | 133.24 4.68 -88.60 | 152.79 4.38 -111.10 | 57.82 4.23 -15.19 | 68.17 3.79 -30.23 | 69.80 3.46 -34.07 | 79.99 3.03 -48.38 |
| HOLTSVILLE_IC_9 23698 | 98.16 3.71 -63.20 | 33.01 3.43 -0.68 | 31.60 3.21 -0.95 | 31.44 3.29 -0.02 | 39.47 3.12 -9.57 | 81.36 2.08 -60.53 | 73.22 4.16 -31.18 | 91.47 4.60 -41.81 | 122.08 4.48 -74.45 | 76.89 3.97 -32.77 | 61.50 4.32 -16.73 | 75.13 4.29 -31.29 | 92.65 4.52 -47.69 | 98.49 4.67 -52.41 | 77.45 4.31 -35.77 | 84.55 4.75 -38.77 | 102.98 4.61 -58.78 | 134.49 4.51 -91.71 | 133.24 4.68 -88.60 | 152.79 4.38 -111.10 | 57.82 4.23 -15.19 | 68.17 3.79 -30.23 | 69.80 3.46 -34.07 | 79.99 3.03 -48.38 |
| HOMER_HL_115KV_TB2 355744 | 31.79 0.50 -0.02 | 29.49 0.47 -0.12 | 27.79 0.17 -0.19 | 27.95 -0.18 0.00 | 27.45 -0.14 -0.81 | 24.79 -0.39 -6.43 | 33.16 -1.90 2.83 | 42.63 -2.44 0.00 | 41.03 -2.12 0.00 | 36.43 -1.85 1.88 | 39.09 -1.35 0.02 | 38.39 -0.93 0.23 | 39.47 -0.96 0.01 | 36.56 -0.61 4.25 | 37.02 -0.15 0.20 | 40.58 -0.47 0.00 | 39.30 -0.29 0.00 | 37.67 -0.60 0.00 | 39.23 -0.73 0.00 | 36.22 -1.09 0.00 | 37.72 -0.67 0.00 | 33.58 -0.57 0.00 | 31.74 -0.53 0.00 | 28.41 -0.17 0.00 |
| HOWARD_WT_PWR 323690 | 31.50 -0.43 -0.68 | 29.02 -0.54 -0.66 | 27.20 -0.70 -0.47 | 27.15 -1.10 -0.12 | 26.51 -1.20 -0.93 | 25.14 -0.95 -7.34 | 25.14 -3.57 9.18 | 40.96 -4.10 0.00 | 40.16 -2.99 0.00 | 33.45 -3.25 3.47 | 37.20 -3.24 0.02 | 36.17 -3.13 0.25 | 37.30 -3.14 0.01 | 34.49 -2.80 4.12 | 35.33 -1.83 0.21 | 39.59 -1.67 -0.21 | 40.13 -1.18 -1.72 | 37.72 -0.91 -0.36 | 39.06 -0.90 0.00 | 36.31 -1.21 -0.22 | 39.19 -0.61 -1.41 | 33.99 -0.72 -0.56 | 31.49 -0.83 -0.05 | 28.07 -0.56 -0.05 |
| HQ_GEN_CEDARS 23644 | 31.66 0.39 0.00 | 29.17 0.27 0.00 | 27.70 0.27 0.00 | 28.38 0.25 0.00 | 26.97 0.19 0.00 | 18.86 0.10 0.00 | 38.75 0.86 0.00 | 46.50 1.44 0.00 | 44.50 1.36 0.00 | 41.38 1.22 0.00 | 41.11 0.65 0.00 | 40.15 0.60 0.00 | 41.12 0.67 0.00 | 41.80 0.77 0.39 | 37.79 0.42 0.00 | 41.49 0.44 0.00 | 39.93 0.35 0.00 | 38.57 0.30 0.00 | 40.21 0.25 0.00 | 37.54 0.23 0.00 | 38.82 0.43 0.00 | 34.63 0.47 0.00 | 32.81 0.53 0.00 | 29.08 0.49 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 31.66 0.39 0.00 | 29.17 0.27 0.00 | 27.70 0.27 0.00 | 28.38 0.25 0.00 | 27.69 0.19 -0.72 | 18.86 0.10 0.00 | 38.75 0.86 0.00 | 46.50 1.44 0.00 | 49.70 1.36 -5.20 | 50.53 1.22 -9.15 | 41.11 0.65 0.00 | 42.53 0.60 -2.38 | 41.12 0.67 0.00 | 41.80 0.77 0.39 | 37.80 0.42 0.00 | 44.34 0.45 -2.86 | 42.63 0.35 -2.70 | 38.57 0.30 0.00 | 42.97 0.26 -2.75 | 37.54 0.24 0.00 | 38.83 0.43 0.00 | 34.63 0.47 0.00 | 32.80 0.53 0.00 | 29.08 0.49 0.00 |
| HQ_GEN_IMPORT 323601 | 31.32 0.06 0.00 | 28.92 0.01 0.00 | 27.44 0.01 0.00 | 28.14 0.02 0.00 | 26.76 -0.02 0.00 | 18.74 -0.01 0.00 | 38.22 0.33 0.00 | 45.67 0.61 0.00 | 43.70 0.56 0.00 | 40.66 0.50 0.00 | 40.63 0.17 0.00 | 39.71 0.16 0.00 | 40.64 0.18 0.00 | 41.51 0.21 0.12 | 37.43 0.06 0.00 | 41.11 0.07 0.00 | 39.63 0.05 0.00 | 38.30 0.04 0.00 | 39.97 0.01 0.00 | 37.30 0.00 0.00 | 38.48 0.09 0.00 | 34.24 0.08 0.00 | 32.42 0.14 0.00 | 28.70 0.11 0.00 |
| HQ_GEN_WHEEL 23651 | 31.32 0.06 0.00 | 28.92 0.01 0.00 | 27.44 0.01 0.00 | 28.14 0.02 0.00 | 26.76 -0.02 0.00 | 18.74 -0.01 0.00 | 38.22 0.33 0.00 | 45.67 0.61 0.00 | 43.70 0.56 0.00 | 40.66 0.50 0.00 | 40.63 0.17 0.00 | 39.71 0.16 0.00 | 40.64 0.18 0.00 | 41.51 0.21 0.12 | 37.43 0.06 0.00 | 41.11 0.07 0.00 | 39.63 0.05 0.00 | 38.30 0.04 0.00 | 39.97 0.01 0.00 | 37.30 0.00 0.00 | 38.48 0.09 0.00 | 34.24 0.08 0.00 | 32.42 0.14 0.00 | 28.70 0.11 0.00 |

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| HUDSON AVE_GT_3 23810 | 33.57 2.30 0.00 | 31.41 2.13 -0.39 | 30.06 2.03 -0.61 | 30.20 2.07 0.00 | 31.51 1.91 -2.82 | 42.42 1.27 -22.39 | 40.25 2.36 0.00 | 47.60 2.54 0.00 | 45.62 2.48 0.00 | 44.05 2.34 -1.55 | 43.57 2.85 -0.26 | 45.97 2.79 -3.63 | 43.40 2.78 -0.18 | 43.49 2.78 0.70 | 43.07 2.58 -3.11 | 43.84 2.80 0.00 | 42.29 2.70 0.00 | 40.86 2.59 0.00 | 42.69 2.73 0.00 | 39.83 2.53 0.00 | 40.78 2.39 0.00 | 36.33 2.17 0.00 | 34.13 1.85 0.00 | 30.22 1.63 0.00 |
| HUDSON AVE_GT_4 23540 | 33.57 2.30 0.00 | 31.41 2.13 -0.39 | 30.06 2.03 -0.61 | 30.20 2.07 0.00 | 31.51 1.91 -2.82 | 42.42 1.27 -22.39 | 40.25 2.36 0.00 | 47.60 2.54 0.00 | 45.62 2.48 0.00 | 44.05 2.34 -1.55 | 43.57 2.85 -0.26 | 45.97 2.79 -3.63 | 43.40 2.78 -0.18 | 43.49 2.78 0.70 | 43.07 2.58 -3.11 | 43.84 2.80 0.00 | 42.29 2.70 0.00 | 40.86 2.59 0.00 | 42.69 2.73 0.00 | 39.83 2.53 0.00 | 40.78 2.39 0.00 | 36.33 2.17 0.00 | 34.13 1.85 0.00 | 30.22 1.63 0.00 |
| HUDSON AVE_GT_5 23657 | 33.57 2.30 0.00 | 31.41 2.13 -0.39 | 30.06 2.03 -0.61 | 30.20 2.07 0.00 | 31.51 1.91 -2.82 | 42.42 1.27 -22.39 | 40.25 2.36 0.00 | 47.60 2.54 0.00 | 45.62 2.48 0.00 | 44.05 2.34 -1.55 | 43.57 2.85 -0.26 | 45.97 2.79 -3.63 | 43.40 2.78 -0.18 | 43.49 2.78 0.70 | 43.07 2.58 -3.11 | 43.84 2.80 0.00 | 42.29 2.70 0.00 | 40.86 2.59 0.00 | 42.69 2.73 0.00 | 39.83 2.53 0.00 | 40.78 2.39 0.00 | 36.33 2.17 0.00 | 34.13 1.85 0.00 | 30.22 1.63 0.00 |
| HUDSON_AVE_10 24168 | 33.45 2.19 0.00 | 31.31 2.03 -0.39 | 29.97 1.93 -0.61 | 30.10 1.97 0.00 | 31.42 1.81 -2.82 | 42.35 1.20 -22.39 | 40.12 2.23 0.00 | 47.46 2.40 0.00 | 45.49 2.35 0.00 | 43.92 2.21 -1.55 | 43.43 2.71 -0.26 | 45.82 2.64 -3.63 | 43.25 2.62 -0.18 | 43.32 2.61 0.70 | 42.92 2.43 -3.11 | 43.69 2.64 0.00 | 42.14 2.56 0.00 | 40.73 2.46 0.00 | 42.53 2.57 0.00 | 39.71 2.40 0.00 | 40.66 2.27 0.00 | 36.20 2.05 0.00 | 34.01 1.73 0.00 | 30.10 1.51 0.00 |
| HUDSON___115KV_TB 4 355613 | 33.06 1.80 0.00 | 31.30 1.73 -0.68 | 30.14 1.65 -1.06 | 29.85 1.72 0.00 | 33.27 1.71 -4.78 | 57.38 1.17 -37.46 | 40.06 1.42 0.00 | 47.35 2.29 0.00 | 45.31 2.17 0.00 | 42.45 1.86 -0.43 | 42.69 2.16 -0.07 | 42.70 2.13 -1.02 | 42.72 2.22 -0.05 | 42.67 2.22 0.97 | 40.48 2.24 -0.88 | 43.45 2.41 0.00 | 41.91 2.32 0.00 | 40.34 2.07 0.00 | 42.08 2.13 0.00 | 39.49 2.19 0.00 | 40.45 2.05 0.00 | 35.94 1.79 0.00 | 33.91 1.64 0.00 | 29.99 1.41 0.00 |
| HUNTER MOUNT___DRP 323613 | 33.40 2.14 0.00 | 31.57 2.05 -0.62 | 30.35 1.95 -0.98 | 30.17 2.04 0.00 | 33.21 2.04 -4.39 | 54.66 1.42 -34.49 | 40.58 2.69 0.00 | 47.99 2.92 0.00 | 45.95 2.81 0.00 | 42.94 2.43 -0.36 | 43.25 2.73 -0.06 | 43.09 2.70 -0.84 | 43.29 2.80 -0.04 | 43.23 2.84 1.03 | 40.92 2.82 -0.72 | 44.11 3.07 0.00 | 42.56 2.97 0.00 | 40.95 2.68 0.00 | 42.70 2.74 0.00 | 40.07 2.76 0.00 | 41.04 2.64 0.00 | 36.43 2.27 0.00 | 34.36 2.09 0.00 | 30.35 1.77 0.00 |
| HUNTINGTON_RES_REC 323705 | 97.67 3.32 -63.09 | 32.65 3.08 -0.68 | 31.25 2.87 -0.95 | 31.07 2.93 -0.02 | 39.11 2.77 -9.56 | 81.08 1.86 -60.46 | 72.67 3.66 -31.13 | 90.93 4.00 -41.86 | 121.38 3.87 -74.37 | 76.37 3.48 -32.72 | 61.11 3.93 -16.73 | 74.71 3.88 -31.28 | 92.19 4.08 -47.66 | 97.92 4.12 -52.39 | 76.95 3.84 -35.74 | 83.99 4.14 -38.81 | 102.42 3.99 -58.84 | 134.00 3.88 -91.86 | 132.75 4.04 -88.75 | 152.24 3.78 -111.16 | 57.21 3.64 -15.18 | 67.61 3.29 -30.17 | 69.28 3.01 -34.00 | 79.57 2.65 -48.34 |
| HUNTLEY___63 23557 | 29.86 -1.43 -0.03 | 27.61 -1.41 -0.11 | 26.02 -1.58 -0.17 | 26.17 -1.95 0.00 | 25.77 -1.76 -0.75 | 23.30 -1.37 -5.92 | 31.29 -4.09 2.51 | 39.85 -5.22 0.00 | 38.49 -4.65 0.00 | 34.35 -4.16 1.64 | 36.45 -3.99 0.02 | 35.65 -3.69 0.21 | 36.64 -3.80 0.01 | 33.42 -3.65 4.34 | 34.40 -2.79 0.18 | 37.98 -3.06 0.00 | 36.81 -2.78 0.00 | 35.34 -2.93 0.00 | 36.64 -3.32 0.00 | 33.87 -3.44 0.00 | 35.55 -2.84 0.00 | 31.67 -2.49 0.00 | 29.89 -2.38 0.00 | 26.83 -1.75 0.00 |
| HUNTLEY___64 23558 | 29.86 -1.43 -0.03 | 27.61 -1.41 -0.11 | 26.02 -1.58 -0.17 | 26.17 -1.95 0.00 | 25.77 -1.76 -0.75 | 23.30 -1.37 -5.92 | 31.29 -4.09 2.51 | 39.85 -5.22 0.00 | 38.49 -4.65 0.00 | 34.35 -4.16 1.64 | 36.45 -3.99 0.02 | 35.65 -3.69 0.21 | 36.64 -3.80 0.01 | 33.42 -3.65 4.34 | 34.40 -2.79 0.18 | 37.98 -3.06 0.00 | 36.81 -2.78 0.00 | 35.34 -2.93 0.00 | 36.64 -3.32 0.00 | 33.87 -3.44 0.00 | 35.55 -2.84 0.00 | 31.67 -2.49 0.00 | 29.89 -2.38 0.00 | 26.83 -1.75 0.00 |
| HUNTLEY___65 23559 | 29.86 -1.43 -0.03 | 27.61 -1.41 -0.11 | 26.02 -1.58 -0.17 | 26.17 -1.95 0.00 | 25.77 -1.76 -0.75 | 23.30 -1.37 -5.92 | 31.29 -4.09 2.51 | 39.85 -5.22 0.00 | 38.49 -4.65 0.00 | 34.35 -4.16 1.64 | 36.45 -3.99 0.02 | 35.65 -3.69 0.21 | 36.64 -3.80 0.01 | 33.42 -3.65 4.34 | 34.40 -2.79 0.18 | 37.98 -3.06 0.00 | 36.81 -2.78 0.00 | 35.34 -2.93 0.00 | 36.64 -3.32 0.00 | 33.87 -3.44 0.00 | 35.55 -2.84 0.00 | 31.67 -2.49 0.00 | 29.89 -2.38 0.00 | 26.83 -1.75 0.00 |
| HUNTLEY___66 23560 | 29.86 -1.43 -0.03 | 27.61 -1.41 -0.11 | 26.02 -1.58 -0.17 | 26.17 -1.95 0.00 | 25.77 -1.76 -0.75 | 23.30 -1.37 -5.92 | 31.29 -4.09 2.51 | 39.85 -5.22 0.00 | 38.49 -4.65 0.00 | 34.35 -4.16 1.64 | 36.45 -3.99 0.02 | 35.65 -3.69 0.21 | 36.64 -3.80 0.01 | 33.42 -3.65 4.34 | 34.40 -2.79 0.18 | 37.98 -3.06 0.00 | 36.81 -2.78 0.00 | 35.34 -2.93 0.00 | 36.64 -3.32 0.00 | 33.87 -3.44 0.00 | 35.55 -2.84 0.00 | 31.67 -2.49 0.00 | 29.89 -2.38 0.00 | 26.83 -1.75 0.00 |
| HUNTLEY___67 23561 | 29.75 -1.54 -0.03 | 27.51 -1.51 -0.12 | 25.91 -1.70 -0.18 | 26.09 -2.04 0.00 | 25.67 -1.87 -0.76 | 23.30 -1.45 -6.00 | 31.02 -4.24 2.63 | 39.76 -5.30 0.00 | 38.42 -4.73 0.00 | 34.19 -4.26 1.71 | 36.38 -4.06 0.02 | 35.58 -3.76 0.22 | 36.56 -3.88 0.01 | 33.36 -3.72 4.33 | 34.39 -2.80 0.18 | 38.02 -3.02 0.00 | 36.86 -2.73 0.00 | 35.40 -2.87 0.00 | 36.74 -3.22 0.00 | 33.93 -3.37 0.00 | 35.60 -2.80 0.00 | 31.61 -2.54 0.00 | 29.79 -2.48 0.00 | 26.74 -1.84 0.00 |
| HUNTLEY___68 23562 | 29.75 -1.54 -0.03 | 27.51 -1.51 -0.12 | 25.91 -1.70 -0.18 | 26.09 -2.04 0.00 | 25.67 -1.87 -0.76 | 23.30 -1.45 -6.00 | 31.02 -4.24 2.63 | 39.76 -5.30 0.00 | 38.42 -4.73 0.00 | 34.19 -4.26 1.71 | 36.38 -4.06 0.02 | 35.58 -3.76 0.22 | 36.56 -3.88 0.01 | 33.36 -3.72 4.33 | 34.39 -2.80 0.18 | 38.02 -3.02 0.00 | 36.86 -2.73 0.00 | 35.40 -2.87 0.00 | 36.74 -3.22 0.00 | 33.93 -3.37 0.00 | 35.60 -2.80 0.00 | 31.61 -2.54 0.00 | 29.79 -2.48 0.00 | 26.74 -1.84 0.00 |
| HYLAND___LFGE 323620 | 31.85 0.59 -0.01 | 29.40 0.38 -0.12 | 27.78 0.17 -0.18 | 28.00 -0.13 0.00 | 27.38 -0.21 -0.81 | 24.69 -0.47 -6.41 | 31.04 -2.19 4.65 | 42.60 -2.46 0.00 | 41.22 -1.92 0.00 | 35.70 -1.84 2.62 | 38.77 -1.68 0.02 | 37.58 -1.74 0.23 | 38.61 -1.74 0.10 | 35.34 -1.64 4.43 | 35.95 -0.99 0.43 | 39.70 -0.93 0.41 | 39.12 -0.46 0.00 | 37.84 -0.43 0.00 | 39.47 -0.49 0.00 | 36.32 -0.98 0.00 | 39.25 0.86 0.00 | 34.71 0.55 0.00 | 32.50 0.22 0.00 | 28.85 0.26 0.00 |
| INDECK___CORINTH 23802 | 32.58 1.32 0.00 | 31.23 1.25 -1.08 | 30.27 1.14 -1.70 | 29.52 1.39 0.00 | 35.85 1.41 -7.66 | 79.36 1.06 -59.55 | 39.62 1.73 0.00 | 47.00 1.94 0.00 | 44.81 1.66 0.00 | 41.92 1.26 -0.49 | 42.23 1.68 -0.08 | 42.49 1.79 -1.16 | 42.14 1.64 -0.06 | 42.16 1.65 0.90 | 40.06 1.69 -0.99 | 42.67 1.62 0.00 | 41.19 1.60 0.00 | 39.80 1.53 0.00 | 41.42 1.46 0.00 | 38.62 1.31 0.00 | 39.68 1.29 0.00 | 35.09 0.93 0.00 | 33.07 0.80 0.00 | 29.29 0.70 0.00 |

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| INDECK___ILION 23567 | 31.68 0.42 0.00 | 29.37 0.46 0.00 | 27.90 0.47 0.00 | 28.68 0.55 0.00 | 27.34 0.56 0.00 | 19.17 0.39 -0.02 | 38.58 0.70 0.00 | 45.72 0.66 0.00 | 43.73 0.59 0.00 | 40.70 0.54 0.00 | 41.27 0.81 0.00 | 40.33 0.78 0.00 | 41.23 0.77 0.00 | 41.58 0.74 0.57 | 38.11 0.74 0.00 | 41.89 0.85 0.00 | 40.35 0.77 0.00 | 39.00 0.73 0.00 | 40.76 0.81 0.00 | 38.10 0.80 0.00 | 39.09 0.69 0.00 | 34.75 0.59 0.00 | 32.79 0.52 0.00 | 28.97 0.39 0.00 |
| INDECK___OLEAN 23982 | 27.80 0.49 3.95 | 26.31 0.44 3.03 | 26.24 0.17 1.36 | 27.22 -0.18 0.73 | 27.43 -0.16 -0.81 | 24.78 -0.41 -6.43 | 33.16 -1.90 2.83 | 42.63 -2.43 0.00 | 41.03 -2.11 0.00 | 36.46 -1.83 1.88 | 38.51 -1.35 0.60 | 36.47 -0.96 2.12 | 36.48 -0.97 3.00 | 29.91 -0.66 10.85 | 30.16 -0.17 7.04 | 31.75 -0.49 8.80 | 28.90 -0.31 10.38 | 35.43 -0.63 2.22 | 39.22 -0.73 0.00 | 34.83 -1.11 1.36 | 29.09 -0.71 8.60 | 30.16 -0.58 3.42 | 31.44 -0.52 0.31 | 28.15 -0.16 0.28 |
| INDECK___OSWEGO 23783 | 29.95 -1.31 0.00 | 27.76 -1.21 -0.07 | 26.39 -1.15 -0.11 | 26.92 -1.21 0.00 | 26.14 -1.12 -0.48 | 21.81 -0.76 -3.82 | 36.03 -1.86 0.00 | 42.80 -2.27 0.00 | 41.01 -2.14 0.00 | 38.18 -1.92 0.06 | 38.65 -1.80 0.01 | 37.70 -1.71 0.14 | 38.66 -1.79 0.01 | 35.03 -1.91 4.47 | 35.71 -1.54 0.12 | 39.32 -1.73 0.00 | 38.03 -1.55 0.00 | 36.78 -1.49 0.00 | 38.38 -1.57 0.00 | 35.78 -1.52 0.00 | 36.87 -1.53 0.00 | 32.96 -1.20 0.00 | 31.17 -1.10 0.00 | 27.64 -0.94 0.00 |
| INDECK___YERKES 23781 | 27.33 -1.41 2.52 | 25.60 -1.40 1.90 | 25.07 -1.55 0.82 | 25.74 -1.93 0.47 | 25.79 -1.74 -0.75 | 23.31 -1.36 -5.92 | 31.33 -4.05 2.51 | 39.88 -5.18 0.00 | 38.54 -4.61 0.00 | 34.41 -4.11 1.64 | 36.14 -3.93 0.39 | 34.47 -3.65 1.43 | 34.74 -3.77 1.94 | 29.16 -3.65 8.61 | 29.98 -2.80 4.60 | 32.26 -3.09 5.69 | 30.10 -2.84 6.65 | 33.87 -2.97 1.42 | 36.62 -3.34 0.00 | 32.96 -3.47 0.87 | 29.99 -2.88 5.52 | 29.47 -2.49 2.19 | 29.74 -2.33 0.20 | 26.70 -1.70 0.18 |
| INDIAN POINT_GT_1 24139 | 33.37 2.11 0.00 | 31.24 1.95 -0.39 | 29.88 1.85 -0.60 | 30.01 1.88 0.00 | 31.32 1.72 -2.82 | 42.27 1.17 -22.35 | 40.06 2.17 0.00 | 47.40 2.33 0.00 | 45.40 2.26 0.00 | 43.88 2.10 -1.62 | 43.30 2.57 -0.27 | 45.88 2.52 -3.81 | 43.18 2.54 -0.18 | 43.27 2.54 0.68 | 42.99 2.36 -3.26 | 43.61 2.56 0.00 | 42.06 2.48 0.00 | 40.64 2.37 0.00 | 42.48 2.53 0.00 | 39.67 2.36 0.00 | 40.59 2.20 0.00 | 36.15 1.99 0.00 | 33.95 1.68 0.00 | 30.05 1.46 0.00 |
| INDIAN POINT_GT_2 23659 | 33.37 2.11 0.00 | 31.24 1.95 -0.39 | 29.88 1.85 -0.60 | 30.01 1.88 0.00 | 31.32 1.72 -2.82 | 42.27 1.17 -22.35 | 40.06 2.17 0.00 | 47.40 2.33 0.00 | 45.40 2.26 0.00 | 43.88 2.10 -1.62 | 43.30 2.57 -0.27 | 45.88 2.52 -3.81 | 43.18 2.54 -0.18 | 43.27 2.54 0.68 | 42.99 2.36 -3.26 | 43.61 2.56 0.00 | 42.06 2.48 0.00 | 40.64 2.37 0.00 | 42.48 2.53 0.00 | 39.67 2.36 0.00 | 40.59 2.20 0.00 | 36.15 1.99 0.00 | 33.95 1.68 0.00 | 30.05 1.46 0.00 |
| INDIAN POINT_GT_3 24019 | 33.37 2.11 0.00 | 31.24 1.95 -0.39 | 29.88 1.85 -0.60 | 30.01 1.88 0.00 | 31.32 1.72 -2.82 | 42.27 1.17 -22.35 | 40.06 2.17 0.00 | 47.40 2.33 0.00 | 45.40 2.26 0.00 | 43.88 2.10 -1.62 | 43.30 2.57 -0.27 | 45.88 2.52 -3.81 | 43.18 2.54 -0.18 | 43.27 2.54 0.68 | 42.99 2.36 -3.26 | 43.61 2.56 0.00 | 42.06 2.48 0.00 | 40.64 2.37 0.00 | 42.48 2.53 0.00 | 39.67 2.36 0.00 | 40.59 2.20 0.00 | 36.15 1.99 0.00 | 33.95 1.68 0.00 | 30.05 1.46 0.00 |
| INDIAN POINT___2 23530 | 33.42 2.16 0.00 | 31.28 2.00 -0.39 | 29.93 1.89 -0.61 | 30.04 1.91 0.00 | 31.38 1.78 -2.82 | 42.34 1.21 -22.38 | 40.10 2.21 0.00 | 47.44 2.37 0.00 | 45.44 2.30 0.00 | 43.87 2.14 -1.57 | 43.34 2.62 -0.26 | 45.80 2.57 -3.68 | 43.23 2.60 -0.18 | 43.29 2.58 0.70 | 42.93 2.40 -3.16 | 43.65 2.61 0.00 | 42.11 2.53 0.00 | 40.69 2.42 0.00 | 42.53 2.57 0.00 | 39.71 2.40 0.00 | 40.64 2.25 0.00 | 36.18 2.03 0.00 | 34.02 1.75 0.00 | 30.12 1.54 0.00 |
| INDIAN POINT___3 23531 | 33.14 1.88 0.00 | 31.03 1.75 -0.38 | 29.69 1.66 -0.60 | 29.81 1.68 0.00 | 31.10 1.53 -2.78 | 41.87 1.05 -22.07 | 39.82 1.93 0.00 | 47.10 2.04 0.00 | 45.09 1.95 0.00 | 43.84 1.78 -1.90 | 43.03 2.25 -0.32 | 46.21 2.19 -4.47 | 42.89 2.22 -0.22 | 43.03 2.19 0.58 | 43.25 2.05 -3.83 | 43.27 2.22 0.00 | 41.76 2.17 0.00 | 40.34 2.07 0.00 | 42.20 2.24 0.00 | 39.39 2.09 0.00 | 40.32 1.93 0.00 | 35.89 1.73 0.00 | 33.76 1.48 0.00 | 29.89 1.31 0.00 |
| INGHAM_C_115KV_TB7 356103 | 31.96 0.70 0.00 | 29.71 0.81 0.00 | 28.26 0.83 0.00 | 29.13 1.00 0.00 | 27.80 1.02 0.00 | 19.49 0.71 -0.02 | 39.13 1.24 0.00 | 46.14 1.08 0.00 | 44.08 0.94 0.00 | 40.99 0.83 0.00 | 41.87 1.41 0.00 | 40.92 1.37 0.00 | 41.79 1.34 0.00 | 42.08 1.23 0.57 | 38.66 1.28 0.00 | 42.52 1.48 0.00 | 40.87 1.29 0.00 | 39.38 1.11 0.00 | 41.22 1.26 0.00 | 38.60 1.29 0.00 | 39.46 1.06 0.00 | 35.05 0.89 0.00 | 33.04 0.76 0.00 | 29.13 0.54 0.00 |
| IP CORINTH___1 23988 | 32.77 1.51 0.00 | 31.40 1.42 -1.08 | 30.43 1.30 -1.70 | 29.68 1.55 0.00 | 36.00 1.56 -7.66 | 79.46 1.15 -59.55 | 39.84 1.95 0.00 | 47.26 2.19 0.00 | 45.05 1.91 0.00 | 42.14 1.49 -0.49 | 42.45 1.91 -0.08 | 42.71 2.00 -1.16 | 42.36 1.86 -0.06 | 42.39 1.87 0.90 | 40.27 1.90 -0.99 | 42.90 1.86 0.00 | 41.42 1.84 0.00 | 40.01 1.74 0.00 | 41.65 1.69 0.00 | 38.83 1.52 0.00 | 39.91 1.51 0.00 | 35.28 1.13 0.00 | 33.26 0.99 0.00 | 29.46 0.87 0.00 |
| IP___TICONDEROGA 23804 | 33.73 2.47 0.00 | 32.28 2.30 -1.08 | 31.37 2.25 -1.69 | 30.81 2.68 0.00 | 37.10 2.70 -7.62 | 80.17 2.17 -59.25 | 42.07 4.18 0.00 | 50.11 5.05 0.00 | 47.49 4.35 0.00 | 44.22 3.56 -0.50 | 44.70 4.16 -0.08 | 45.18 4.46 -1.17 | 44.79 4.28 -0.06 | 44.89 4.37 0.90 | 42.37 4.00 -1.00 | 45.11 4.07 0.00 | 43.81 4.23 0.00 | 42.45 4.18 0.00 | 44.15 4.19 0.00 | 40.73 3.42 0.00 | 41.59 3.20 0.00 | 36.83 2.67 0.00 | 34.86 2.58 0.00 | 30.77 2.19 0.00 |
| ISLIP_RES_REC 323679 | 98.19 3.85 -63.07 | 33.13 3.55 -0.68 | 31.72 3.34 -0.95 | 31.56 3.42 -0.02 | 39.57 3.23 -9.55 | 81.38 2.18 -60.45 | 73.32 4.37 -31.07 | 91.78 4.85 -41.87 | 122.13 4.74 -74.25 | 77.08 4.20 -32.72 | 61.70 4.51 -16.73 | 75.31 4.48 -31.28 | 92.85 4.76 -47.65 | 98.68 4.92 -52.35 | 77.65 4.55 -35.73 | 84.86 5.02 -38.80 | 103.31 4.89 -58.84 | 134.93 4.79 -91.87 | 133.68 4.95 -88.77 | 153.09 4.63 -111.16 | 58.01 4.47 -15.15 | 68.25 3.99 -30.10 | 69.87 3.63 -33.96 | 80.09 3.18 -48.32 |
| JAMAICA__27_KV_LOAD 355505 | 33.70 2.44 0.00 | 31.55 2.27 -0.39 | 30.19 2.16 -0.61 | 30.32 2.20 0.00 | 31.63 2.02 -2.82 | 42.48 1.33 -22.39 | 40.38 2.50 0.00 | 47.85 2.78 0.00 | 45.84 2.70 0.00 | 44.26 2.55 -1.55 | 43.76 3.04 -0.26 | 46.13 2.95 -3.63 | 43.52 2.90 -0.18 | 43.61 2.90 0.70 | 43.20 2.71 -3.11 | 44.01 2.97 0.00 | 42.51 2.92 0.00 | 41.09 2.82 0.00 | 42.89 2.94 0.00 | 40.05 2.74 0.00 | 41.03 2.63 0.00 | 36.51 2.36 0.00 | 34.28 2.01 0.00 | 30.34 1.75 0.00 |
| JANIS___SOLAR 323808 | 33.46 1.52 -0.68 | 31.02 1.40 -0.71 | 29.28 1.32 -0.54 | 29.55 1.29 -0.12 | 29.34 1.33 -1.23 | 29.43 0.97 -9.71 | 46.23 1.79 -6.55 | 47.30 2.24 0.00 | 45.36 2.22 0.00 | 46.40 2.10 -4.13 | 42.88 2.35 -0.08 | 41.99 2.42 -0.03 | 43.37 2.44 -0.49 | 41.21 2.31 2.52 | 40.53 2.28 -0.87 | 45.02 2.56 -1.42 | 44.01 2.68 -1.75 | 41.28 2.65 -0.37 | 42.64 2.69 0.00 | 39.85 2.32 -0.22 | 42.19 2.37 -1.42 | 36.64 1.92 -0.57 | 33.95 1.62 -0.05 | 30.01 1.38 -0.05 |

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|---|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| JARVIS____ 23743 | 31.39 0.13 0.00 | 29.04 0.14 0.00 | 27.57 0.14 0.00 | 28.29 0.16 0.00 | 26.94 0.16 0.00 | 18.89 0.11 -0.02 | 38.08 0.20 0.00 | 45.24 0.18 0.00 | 43.31 0.16 0.00 | 40.30 0.14 0.00 | 40.70 0.24 0.00 | 39.78 0.23 0.00 | 40.67 0.22 0.00 | 41.06 0.22 0.57 | 37.57 0.20 0.00 | 41.28 0.24 0.00 | 39.80 0.22 0.00 | 38.54 0.27 0.00 | 40.24 0.29 0.00 | 37.59 0.29 0.00 | 38.64 0.25 0.00 | 34.37 0.21 0.00 | 32.49 0.21 0.00 | 28.76 0.17 0.00 |
| JENNISON____1 23625 | 32.43 1.16 0.00 | 30.40 1.26 -0.23 | 29.10 1.30 -0.36 | 29.45 1.33 0.00 | 29.82 1.40 -1.64 | 32.64 0.97 -12.92 | 41.65 1.82 -1.94 | 47.30 2.24 0.00 | 45.34 2.19 0.00 | 43.40 2.14 -1.09 | 42.94 2.50 0.03 | 41.82 2.63 0.35 | 43.11 2.68 0.02 | 40.67 2.48 3.23 | 39.45 2.38 0.30 | 43.70 2.66 0.00 | 42.28 2.70 0.00 | 40.82 2.55 0.00 | 42.44 2.49 0.00 | 39.57 2.27 0.00 | 40.64 2.25 0.00 | 35.99 1.83 0.00 | 33.88 1.61 0.00 | 29.96 1.38 0.00 |
| JENNISON____2 23626 | 32.43 1.16 0.00 | 30.40 1.26 -0.23 | 29.10 1.30 -0.36 | 29.45 1.33 0.00 | 29.82 1.40 -1.64 | 32.64 0.97 -12.92 | 41.65 1.82 -1.94 | 47.30 2.24 0.00 | 45.34 2.19 0.00 | 43.40 2.14 -1.09 | 42.94 2.50 0.03 | 41.82 2.63 0.35 | 43.11 2.68 0.02 | 40.67 2.48 3.23 | 39.45 2.38 0.30 | 43.70 2.66 0.00 | 42.28 2.70 0.00 | 40.82 2.55 0.00 | 42.44 2.49 0.00 | 39.57 2.27 0.00 | 40.64 2.25 0.00 | 35.99 1.83 0.00 | 33.88 1.61 0.00 | 29.96 1.38 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 31.93 0.67 0.00 | 29.48 0.58 0.00 | 28.11 0.68 0.00 | 28.83 0.71 0.00 | 27.44 0.65 0.00 | 19.24 0.49 0.00 | 39.32 1.43 0.00 | 47.14 2.07 0.00 | 45.12 1.98 0.00 | 41.93 1.77 0.00 | 42.00 1.54 0.00 | 40.97 1.42 0.00 | 41.92 1.47 0.00 | 42.63 1.54 0.32 | 38.60 1.23 0.00 | 42.35 1.30 0.00 | 40.84 1.26 0.00 | 39.43 1.16 0.00 | 41.17 1.22 0.00 | 38.47 1.17 0.00 | 39.59 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.73 1.15 0.00 |
| KATONAH____115KV_46KV_TB4 355592 | 33.55 2.29 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.17 2.04 0.00 | 31.51 1.88 -2.85 | 42.62 1.29 -22.58 | 40.35 2.47 0.00 | 47.75 2.69 0.00 | 45.76 2.61 0.00 | 43.92 2.59 -1.17 | 43.54 2.88 -0.20 | 45.19 2.82 -2.83 | 43.42 2.84 -0.14 | 43.41 2.83 0.84 | 42.42 2.62 -2.42 | 43.91 2.87 0.00 | 42.37 2.79 0.00 | 40.96 2.69 0.00 | 42.81 2.86 0.00 | 39.94 2.64 0.00 | 40.90 2.51 0.00 | 36.39 2.24 0.00 | 34.19 1.92 0.00 | 30.25 1.67 0.00 |
| KCE_NY_1 323755 | 33.12 1.85 0.00 | 31.76 1.78 -1.07 | 30.79 1.68 -1.68 | 29.96 1.83 0.00 | 36.14 1.79 -7.57 | 78.87 1.28 -58.84 | 40.15 2.27 0.00 | 47.52 2.45 0.00 | 45.38 2.23 0.00 | 42.69 2.03 -0.50 | 43.00 2.46 -0.08 | 43.11 2.39 -1.17 | 42.82 2.32 -0.06 | 42.91 2.39 0.90 | 40.68 2.30 -1.01 | 43.50 2.46 0.00 | 41.90 2.32 0.00 | 40.33 2.06 0.00 | 42.12 2.17 0.00 | 39.38 2.07 0.00 | 40.44 2.04 0.00 | 35.87 1.72 0.00 | 33.84 1.57 0.00 | 29.89 1.30 0.00 |
| KCE_NY_6_ESR 323823 | 27.55 -0.93 2.78 | 25.83 -0.96 2.11 | 25.34 -1.18 0.91 | 26.08 -1.54 0.52 | 26.14 -1.42 -0.77 | 23.71 -1.16 -6.12 | 31.56 -3.57 2.75 | 40.68 -4.38 0.00 | 39.27 -3.87 0.00 | 34.90 -3.47 1.79 | 36.77 -3.26 0.43 | 35.05 -2.94 1.56 | 35.26 -3.06 2.13 | 29.53 -2.89 8.99 | 30.29 -2.04 5.05 | 32.61 -2.18 6.26 | 30.37 -1.89 7.33 | 34.66 -2.04 1.57 | 37.65 -2.31 0.00 | 33.78 -2.56 0.96 | 30.33 -1.99 6.08 | 29.93 -1.81 2.42 | 30.29 -1.76 0.22 | 27.11 -1.28 0.20 |
| KEDC_PORT_JEFF_GT2 24210 | 98.17 3.66 -63.26 | 32.96 3.38 -0.68 | 31.56 3.18 -0.95 | 31.39 3.25 -0.02 | 39.43 3.07 -9.57 | 81.38 2.06 -60.56 | 73.23 4.10 -31.24 | 91.38 4.53 -41.78 | 122.11 4.41 -74.55 | 76.86 3.91 -32.79 | 61.46 4.28 -16.72 | 75.07 4.23 -31.29 | 92.62 4.47 -47.71 | 98.45 4.59 -52.44 | 77.42 4.25 -35.79 | 84.47 4.67 -38.75 | 102.88 4.54 -58.75 | 134.35 4.44 -91.63 | 133.09 4.62 -88.52 | 152.70 4.32 -111.07 | 57.77 4.16 -15.22 | 68.17 3.72 -30.30 | 69.79 3.39 -34.12 | 79.97 2.98 -48.40 |
| KEDC_PORT_JEFF_GT3 24211 | 98.17 3.66 -63.26 | 32.96 3.38 -0.68 | 31.56 3.18 -0.95 | 31.39 3.25 -0.02 | 39.43 3.07 -9.57 | 81.38 2.06 -60.56 | 73.23 4.10 -31.24 | 91.38 4.53 -41.78 | 122.11 4.41 -74.55 | 76.86 3.91 -32.79 | 61.46 4.28 -16.72 | 75.07 4.23 -31.29 | 92.62 4.47 -47.71 | 98.45 4.59 -52.44 | 77.42 4.25 -35.79 | 84.47 4.67 -38.75 | 102.88 4.54 -58.75 | 134.35 4.44 -91.63 | 133.09 4.62 -88.52 | 152.70 4.32 -111.07 | 57.77 4.16 -15.22 | 68.17 3.72 -30.30 | 69.79 3.39 -34.12 | 79.97 2.98 -48.40 |
| KEDC_GLWD_GT4 24219 | 78.26 2.73 -44.27 | 32.02 2.53 -0.58 | 30.64 2.37 -0.84 | 30.55 2.42 0.00 | 36.59 2.27 -7.54 | 69.16 1.53 -48.88 | 58.40 2.78 -17.73 | 99.16 3.02 -51.08 | 98.80 2.94 -52.72 | 67.83 2.70 -24.97 | 60.89 3.27 -17.16 | 72.65 3.21 -29.89 | 85.76 3.22 -42.09 | 90.58 3.21 -45.95 | 69.97 2.99 -29.61 | 89.36 3.24 -45.08 | 111.91 3.11 -69.22 | 158.84 2.99 -117.58 | 158.79 3.16 -115.67 | 160.68 2.97 -120.41 | 51.69 2.79 -10.50 | 52.04 2.53 -15.36 | 55.09 2.24 -20.58 | 72.07 2.04 -41.45 |
| KEDC_GLWD_GT5 24220 | 78.26 2.73 -44.27 | 32.02 2.53 -0.58 | 30.64 2.37 -0.84 | 30.55 2.42 0.00 | 36.59 2.27 -7.54 | 69.16 1.53 -48.88 | 58.40 2.78 -17.73 | 99.16 3.02 -51.08 | 98.80 2.94 -52.72 | 67.83 2.70 -24.97 | 60.89 3.27 -17.16 | 72.65 3.21 -29.89 | 85.76 3.22 -42.09 | 90.58 3.21 -45.95 | 69.97 2.99 -29.61 | 89.36 3.24 -45.08 | 111.91 3.11 -69.22 | 158.84 2.99 -117.58 | 158.79 3.16 -115.67 | 160.68 2.97 -120.41 | 51.69 2.79 -10.50 | 52.04 2.53 -15.36 | 55.09 2.24 -20.58 | 72.07 2.04 -41.45 |
| KENSICO____ 23655 | 33.40 2.14 0.00 | 31.27 1.98 -0.39 | 29.91 1.87 -0.61 | 30.03 1.90 0.00 | 31.34 1.74 -2.82 | 42.29 1.18 -22.36 | 40.08 2.20 0.00 | 47.44 2.38 0.00 | 45.44 2.30 0.00 | 43.89 2.13 -1.60 | 43.34 2.61 -0.27 | 45.86 2.56 -3.75 | 43.22 2.58 -0.18 | 43.30 2.58 0.69 | 42.98 2.39 -3.21 | 43.64 2.60 0.00 | 42.10 2.52 0.00 | 40.68 2.41 0.00 | 42.52 2.57 0.00 | 39.70 2.39 0.00 | 40.63 2.24 0.00 | 36.18 2.02 0.00 | 34.02 1.74 0.00 | 30.11 1.53 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 33.37 2.11 0.00 | 31.21 1.92 -0.39 | 29.85 1.81 -0.61 | 29.99 1.86 0.00 | 31.31 1.71 -2.82 | 42.24 1.19 -22.30 | 40.20 2.31 0.00 | 47.67 2.61 0.00 | 45.61 2.46 0.00 | 42.00 2.27 0.43 | 43.11 2.72 0.07 | 41.26 2.71 1.00 | 43.13 2.73 0.05 | 42.62 2.72 1.52 | 39.03 2.52 0.86 | 43.85 2.81 0.00 | 42.37 2.79 0.00 | 40.98 2.71 0.00 | 42.87 2.92 0.00 | 39.95 2.65 0.00 | 40.91 2.52 0.00 | 36.37 2.21 0.00 | 34.17 1.90 0.00 | 30.22 1.63 0.00 |
| KIAC_JFK_GT1 23816 | 33.59 2.34 0.00 | 31.45 2.17 -0.39 | 30.11 2.07 -0.61 | 30.23 2.10 0.00 | 31.54 1.93 -2.82 | 42.42 1.27 -22.39 | 40.26 2.37 0.00 | 47.67 2.61 0.00 | 45.68 2.54 0.00 | 44.12 2.42 -1.55 | 43.60 2.88 -0.26 | 45.99 2.81 -3.63 | 43.37 2.75 -0.18 | 43.45 2.74 0.70 | 43.06 2.57 -3.11 | 43.86 2.81 0.00 | 42.35 2.77 0.00 | 40.93 2.66 0.00 | 42.73 2.77 0.00 | 39.90 2.59 0.00 | 40.87 2.48 0.00 | 36.38 2.22 0.00 | 34.16 1.89 0.00 | 30.24 1.65 0.00 |
| KIAC_JFK_GT2 23817 | 33.59 2.34 0.00 | 31.45 2.17 -0.39 | 30.11 2.07 -0.61 | 30.23 2.10 0.00 | 31.54 1.93 -2.82 | 42.42 1.27 -22.39 | 40.26 2.37 0.00 | 47.67 2.61 0.00 | 45.68 2.54 0.00 | 44.12 2.42 -1.55 | 43.60 2.88 -0.26 | 45.99 2.81 -3.63 | 43.37 2.75 -0.18 | 43.45 2.74 0.70 | 43.06 2.57 -3.11 | 43.86 2.81 0.00 | 42.35 2.77 0.00 | 40.93 2.66 0.00 | 42.73 2.77 0.00 | 39.90 2.59 0.00 | 40.87 2.48 0.00 | 36.38 2.22 0.00 | 34.16 1.89 0.00 | 30.24 1.65 0.00 |

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|------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| KIAC_JFK____ 323774 | 33.59 2.33 0.00 | 31.47 2.18 -0.39 | 30.11 2.07 -0.61 | 30.23 2.10 0.00 | 31.56 1.96 -2.82 | 42.45 1.31 -22.39 | 40.26 2.37 0.00 | 47.68 2.61 0.00 | 45.68 2.53 0.00 | 44.11 2.41 -1.55 | 43.60 2.88 -0.26 | 45.98 2.80 -3.63 | 43.38 2.75 -0.18 | 43.46 2.75 0.70 | 43.06 2.57 -3.11 | 43.85 2.81 0.00 | 42.35 2.77 0.00 | 40.93 2.66 0.00 | 42.73 2.77 0.00 | 39.90 2.60 0.00 | 40.87 2.48 0.00 | 36.38 2.23 0.00 | 34.15 1.88 0.00 | 30.23 1.64 0.00 |
| KINTIGH____ 23543 | 29.45 -1.80 0.01 | 27.29 -1.71 -0.09 | 25.77 -1.81 -0.15 | 26.07 -2.06 0.00 | 25.59 -1.88 -0.69 | 22.77 -1.43 -5.44 | 31.91 -4.04 1.94 | 40.09 -4.98 0.00 | 38.65 -4.50 0.00 | 34.82 -4.06 1.29 | 36.61 -3.84 0.01 | 35.76 -3.59 0.20 | 36.74 -3.70 0.01 | 33.35 -3.64 4.43 | 34.42 -2.78 0.17 | 37.98 -3.06 0.00 | 36.82 -2.76 0.00 | 35.39 -2.88 0.00 | 36.77 -3.19 0.00 | 34.00 -3.31 0.00 | 35.52 -2.88 0.00 | 31.56 -2.60 0.00 | 29.75 -2.52 0.00 | 26.64 -1.94 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 32.26 1.00 0.00 | 29.82 0.91 0.00 | 28.47 1.04 0.00 | 29.23 1.10 0.00 | 27.83 1.05 0.00 | 19.53 0.78 0.00 | 39.85 1.97 0.00 | 47.74 2.68 0.00 | 45.74 2.60 0.00 | 42.47 2.31 0.00 | 42.63 2.17 0.00 | 41.55 2.00 0.00 | 42.47 2.02 0.00 | 43.23 2.10 0.29 | 39.19 1.82 0.00 | 42.98 1.94 0.00 | 41.49 1.91 0.00 | 40.07 1.80 0.00 | 41.87 1.91 0.00 | 39.12 1.82 0.00 | 40.17 1.77 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.20 1.62 0.00 |
| LACHUTE____HYDRO 323717 | 33.73 2.47 0.00 | 32.28 2.30 -1.08 | 31.37 2.25 -1.69 | 30.81 2.68 0.00 | 37.11 2.71 -7.62 | 80.19 2.17 -59.25 | 42.07 4.18 0.00 | 50.11 5.05 0.00 | 47.49 4.35 0.00 | 44.22 3.57 -0.50 | 44.70 4.16 -0.08 | 45.18 4.47 -1.17 | 44.79 4.29 -0.06 | 44.90 4.38 0.90 | 42.37 4.00 -1.00 | 45.11 4.07 0.00 | 43.82 4.23 0.00 | 42.45 4.19 0.00 | 44.15 4.19 0.00 | 40.73 3.42 0.00 | 41.59 3.20 0.00 | 36.84 2.68 0.00 | 34.85 2.58 0.00 | 30.77 2.18 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 31.61 0.35 0.00 | 29.12 0.22 0.00 | 27.67 0.24 0.00 | 28.35 0.22 0.00 | 26.89 0.11 0.00 | 18.74 -0.04 -0.02 | 38.43 0.54 0.00 | 46.19 1.12 0.00 | 44.19 1.05 0.00 | 41.10 0.94 0.00 | 40.94 0.48 0.00 | 39.95 0.40 0.00 | 40.92 0.47 0.00 | 41.35 0.57 0.64 | 37.61 0.24 0.00 | 41.26 0.22 0.00 | 39.63 0.05 0.00 | 38.27 0.01 0.00 | 39.90 -0.06 0.00 | 37.25 -0.05 0.00 | 38.64 0.24 0.00 | 34.61 0.45 0.00 | 32.83 0.56 0.00 | 29.09 0.50 0.00 |
| LEDERLE____ 23769 | 33.07 1.81 0.00 | 30.97 1.70 -0.37 | 29.62 1.61 -0.58 | 29.76 1.63 0.00 | 30.99 1.51 -2.69 | 41.15 1.04 -21.35 | 39.82 1.94 0.00 | 47.13 2.07 0.00 | 45.12 1.98 0.00 | 39.30 1.74 2.60 | 42.25 2.23 0.44 | 35.61 2.18 6.12 | 42.35 2.20 0.30 | 41.19 2.16 2.38 | 34.14 2.01 5.24 | 43.25 2.21 0.00 | 41.76 2.18 0.00 | 40.36 2.09 0.00 | 42.25 2.30 0.00 | 39.43 2.13 0.00 | 40.33 1.94 0.00 | 35.90 1.75 0.00 | 33.75 1.48 0.00 | 29.88 1.30 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 30.44 -0.83 0.00 | 28.15 -0.81 -0.06 | 26.76 -0.77 -0.10 | 27.32 -0.81 0.00 | 26.49 -0.73 -0.44 | 21.75 -0.49 -3.48 | 36.72 -1.16 0.00 | 43.72 -1.34 0.00 | 41.81 -1.33 0.00 | 38.91 -1.20 0.05 | 39.40 -1.05 0.01 | 38.42 -1.00 0.13 | 39.41 -1.03 0.01 | 36.40 -1.09 3.92 | 36.46 -0.80 0.11 | 40.11 -0.93 0.00 | 38.80 -0.78 0.00 | 37.53 -0.74 0.00 | 39.12 -0.84 0.00 | 36.45 -0.86 0.00 | 37.57 -0.83 0.00 | 33.42 -0.74 0.00 | 31.51 -0.77 0.00 | 27.88 -0.71 0.00 |
| LINDEN COGEN____ 23786 | 33.31 2.05 0.00 | 31.21 1.92 -0.39 | 29.88 1.84 -0.61 | 30.00 1.88 0.00 | 31.36 1.75 -2.82 | 42.32 1.18 -22.39 | 39.96 2.07 0.00 | 47.24 2.18 0.00 | 45.27 2.12 0.00 | 43.70 1.99 -1.55 | 43.22 2.50 -0.26 | 45.65 2.47 -3.63 | 43.04 2.42 -0.18 | 43.12 2.40 0.70 | 42.72 2.23 -3.11 | 43.45 2.40 0.00 | 41.90 2.32 0.00 | 40.49 2.22 0.00 | 42.30 2.35 0.00 | 39.50 2.20 0.00 | 40.40 2.01 0.00 | 36.01 1.86 0.00 | 33.83 1.56 0.00 | 29.97 1.38 0.00 |
| LINDHRST_69_KV_BK1 356055 | 94.40 3.47 -59.66 | 32.76 3.20 -0.66 | 31.39 3.03 -0.93 | 31.18 3.04 -0.01 | 38.84 2.87 -9.19 | 78.98 1.91 -58.31 | 69.82 3.73 -28.21 | 92.31 4.15 -43.10 | 116.51 4.09 -69.28 | 75.12 3.68 -31.28 | 61.25 4.09 -16.70 | 74.50 4.06 -30.90 | 91.09 4.24 -46.40 | 96.39 4.27 -50.70 | 75.86 3.95 -34.54 | 84.77 4.32 -39.41 | 103.75 4.12 -60.04 | 137.63 4.01 -95.35 | 136.59 4.18 -92.45 | 153.07 3.94 -111.82 | 56.31 3.85 -14.07 | 64.62 3.49 -26.98 | 66.71 3.19 -31.25 | 78.31 2.78 -46.94 |
| LIPA_MISC_IPP 23656 | 98.31 3.69 -63.36 | 32.99 3.42 -0.68 | 31.64 3.26 -0.95 | 31.45 3.30 -0.02 | 39.48 3.11 -9.58 | 81.44 2.06 -60.63 | 73.31 4.09 -31.33 | 91.41 4.62 -41.73 | 122.32 4.47 -74.71 | 76.83 3.84 -32.83 | 61.38 4.20 -16.72 | 74.99 4.14 -31.30 | 92.59 4.40 -47.74 | 98.52 4.62 -52.49 | 77.47 4.27 -35.82 | 84.49 4.72 -38.73 | 102.85 4.57 -58.70 | 134.24 4.49 -91.49 | 132.99 4.66 -88.37 | 152.67 4.35 -111.02 | 57.86 4.22 -15.25 | 68.33 3.78 -30.39 | 69.90 3.42 -34.20 | 80.04 3.01 -48.44 |
| LISF____SOLAR 323691 | 98.34 3.76 -63.32 | 33.06 3.48 -0.68 | 31.67 3.28 -0.95 | 31.52 3.38 -0.02 | 39.55 3.19 -9.58 | 81.47 2.11 -60.61 | 73.44 4.26 -31.30 | 91.52 4.71 -41.75 | 122.36 4.57 -74.65 | 76.92 3.94 -32.82 | 61.43 4.25 -16.72 | 75.03 4.18 -31.30 | 92.64 4.47 -47.73 | 98.58 4.69 -52.47 | 77.55 4.36 -35.82 | 84.58 4.81 -38.73 | 103.00 4.70 -58.72 | 134.43 4.62 -91.54 | 133.18 4.80 -88.42 | 152.82 4.48 -111.04 | 57.95 4.32 -15.24 | 68.37 3.85 -30.36 | 69.94 3.50 -34.17 | 80.09 3.08 -48.42 |
| LITTLE FALLS____HYD 24013 | 31.96 0.70 0.00 | 29.71 0.81 0.00 | 28.26 0.83 0.00 | 29.13 1.00 0.00 | 27.80 1.02 0.00 | 19.49 0.71 -0.02 | 39.13 1.24 0.00 | 46.14 1.08 0.00 | 44.08 0.94 0.00 | 40.99 0.83 0.00 | 41.87 1.41 0.00 | 40.92 1.37 0.00 | 41.79 1.34 0.00 | 42.08 1.23 0.57 | 38.66 1.28 0.00 | 42.52 1.48 0.00 | 40.87 1.29 0.00 | 39.38 1.11 0.00 | 41.22 1.26 0.00 | 38.60 1.29 0.00 | 39.46 1.06 0.00 | 35.05 0.89 0.00 | 33.04 0.76 0.00 | 29.13 0.54 0.00 |
| LITTLRIV_115KV_TB1 356100 | 32.02 0.76 0.00 | 29.48 0.58 0.00 | 28.00 0.57 0.00 | 28.69 0.56 0.00 | 27.23 0.44 0.00 | 19.01 0.23 -0.02 | 39.08 1.20 0.00 | 47.07 2.01 0.00 | 45.09 1.94 0.00 | 41.92 1.76 0.00 | 41.70 1.24 0.00 | 40.64 1.10 0.00 | 41.64 1.19 0.00 | 42.11 1.38 0.68 | 38.32 0.94 0.00 | 42.04 1.00 0.00 | 40.43 0.85 0.00 | 39.00 0.73 0.00 | 40.62 0.66 0.00 | 37.91 0.61 0.00 | 39.30 0.91 0.00 | 35.16 1.00 0.00 | 33.32 1.04 0.00 | 29.50 0.92 0.00 |
| LI_NEWBRDGE____DRP 323616 | 99.27 2.85 -65.16 | 32.21 2.62 -0.69 | 30.86 2.47 -0.96 | 30.63 2.49 -0.02 | 38.90 2.35 -9.78 | 82.08 1.55 -61.77 | 73.87 2.94 -33.04 | 89.17 3.25 -40.85 | 123.92 3.14 -77.64 | 76.59 2.86 -33.58 | 60.47 3.34 -16.68 | 74.26 3.28 -31.43 | 92.17 3.40 -48.33 | 98.17 3.40 -53.35 | 76.95 3.16 -36.42 | 82.72 3.41 -38.27 | 100.59 3.20 -57.80 | 130.41 3.11 -89.03 | 129.04 3.26 -85.82 | 150.48 3.06 -110.11 | 57.18 2.90 -15.89 | 69.06 2.64 -32.26 | 70.40 2.39 -35.73 | 79.86 2.09 -49.18 |
| LOCKPORT_115KV_TB60_63_64 80432 | 29.30 -1.98 -0.02 | 27.10 -1.91 -0.11 | 25.57 -2.03 -0.17 | 25.74 -2.39 0.00 | 25.34 -2.17 -0.73 | 22.88 -1.64 -5.77 | 30.91 -4.64 2.33 | 39.23 -5.83 0.00 | 37.93 -5.22 0.00 | 33.94 -4.68 1.54 | 35.93 -4.52 0.02 | 35.12 -4.22 0.21 | 36.07 -4.38 0.01 | 32.80 -4.25 4.37 | 33.92 -3.28 0.18 | 37.47 -3.57 0.00 | 36.35 -3.24 0.00 | 34.91 -3.36 0.00 | 36.22 -3.74 0.00 | 33.44 -3.86 0.00 | 35.21 -3.18 0.00 | 31.39 -2.77 0.00 | 29.60 -2.68 0.00 | 26.61 -1.98 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LOCKPORT___CC1 323769 | 26.90 -2.09 2.27 | 25.17 -2.03 1.71 | 24.59 -2.12 0.72 | 25.23 -2.48 0.42 | 25.23 -2.28 -0.73 | 22.82 -1.73 -5.80 | 30.53 -4.82 2.54 | 39.05 -6.01 0.00 | 37.75 -5.39 0.00 | 33.76 -4.83 1.57 | 35.43 -4.68 0.35 | 33.85 -4.39 1.30 | 34.16 -4.54 1.75 | 28.77 -4.44 8.20 | 29.76 -3.44 4.16 | 32.17 -3.74 5.13 | 30.19 -3.40 5.99 | 33.45 -3.53 1.28 | 36.07 -3.89 0.00 | 32.49 -4.03 0.78 | 30.15 -3.28 4.97 | 29.38 -2.81 1.98 | 29.42 -2.67 0.18 | 26.45 -1.97 0.16 |
| LOCKPORT___CC2 323770 | 26.90 -2.09 2.27 | 25.17 -2.03 1.71 | 24.59 -2.12 0.72 | 25.23 -2.48 0.42 | 25.23 -2.28 -0.73 | 22.82 -1.73 -5.80 | 30.53 -4.82 2.54 | 39.05 -6.01 0.00 | 37.75 -5.39 0.00 | 33.76 -4.83 1.57 | 35.43 -4.68 0.35 | 33.85 -4.39 1.30 | 34.16 -4.54 1.75 | 28.77 -4.44 8.20 | 29.76 -3.44 4.16 | 32.17 -3.74 5.13 | 30.19 -3.40 5.99 | 33.45 -3.53 1.28 | 36.07 -3.89 0.00 | 32.49 -4.03 0.78 | 30.15 -3.28 4.97 | 29.38 -2.81 1.98 | 29.42 -2.67 0.18 | 26.45 -1.97 0.16 |
| LOCKPORT___CC3 323771 | 26.90 -2.09 2.27 | 25.17 -2.03 1.71 | 24.59 -2.12 0.72 | 25.23 -2.48 0.42 | 25.23 -2.28 -0.73 | 22.82 -1.73 -5.80 | 30.53 -4.82 2.54 | 39.05 -6.01 0.00 | 37.75 -5.39 0.00 | 33.76 -4.83 1.57 | 35.43 -4.68 0.35 | 33.85 -4.39 1.30 | 34.16 -4.54 1.75 | 28.77 -4.44 8.20 | 29.76 -3.44 4.16 | 32.17 -3.74 5.13 | 30.19 -3.40 5.99 | 33.45 -3.53 1.28 | 36.07 -3.89 0.00 | 32.49 -4.03 0.78 | 30.15 -3.28 4.97 | 29.38 -2.81 1.98 | 29.42 -2.67 0.18 | 26.45 -1.97 0.16 |
| LONG LAKE PHOENIX 24014 | 30.29 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.68 -0.86 -0.11 | 27.21 -0.91 0.00 | 26.45 -0.83 -0.50 | 22.15 -0.56 -3.95 | 36.44 -1.45 0.00 | 43.29 -1.77 0.00 | 41.49 -1.65 0.00 | 38.60 -1.50 0.06 | 39.11 -1.34 0.01 | 38.12 -1.28 0.15 | 39.11 -1.33 0.01 | 35.47 -1.45 4.49 | 36.14 -1.11 0.13 | 39.82 -1.22 0.00 | 38.53 -1.05 0.00 | 37.26 -1.01 0.00 | 38.88 -1.07 0.00 | 36.22 -1.08 0.00 | 37.31 -1.09 0.00 | 33.17 -0.98 0.00 | 31.29 -0.99 0.00 | 27.74 -0.85 0.00 |
| LOVETT___3 23632 | 32.93 1.67 0.00 | 30.84 1.57 -0.37 | 29.50 1.48 -0.58 | 29.64 1.51 0.00 | 30.89 1.41 -2.70 | 41.14 0.96 -21.42 | 39.65 1.77 0.00 | 46.92 1.85 0.00 | 44.92 1.77 0.00 | 39.04 1.55 2.66 | 42.04 2.03 0.45 | 35.28 1.99 6.26 | 42.16 2.01 0.30 | 40.97 1.96 2.40 | 33.83 1.83 5.37 | 43.05 2.01 0.00 | 41.56 1.97 0.00 | 40.16 1.89 0.00 | 42.03 2.08 0.00 | 39.24 1.93 0.00 | 40.13 1.74 0.00 | 35.73 1.58 0.00 | 33.60 1.33 0.00 | 29.76 1.18 0.00 |
| LOVETT___4 23642 | 32.93 1.67 0.00 | 30.84 1.57 -0.37 | 29.50 1.48 -0.58 | 29.64 1.51 0.00 | 30.89 1.41 -2.70 | 41.14 0.96 -21.42 | 39.65 1.77 0.00 | 46.92 1.85 0.00 | 44.92 1.77 0.00 | 39.04 1.55 2.66 | 42.04 2.03 0.45 | 35.28 1.99 6.26 | 42.16 2.01 0.30 | 40.97 1.96 2.40 | 33.83 1.83 5.37 | 43.05 2.01 0.00 | 41.56 1.97 0.00 | 40.16 1.89 0.00 | 42.03 2.08 0.00 | 39.24 1.93 0.00 | 40.13 1.74 0.00 | 35.73 1.58 0.00 | 33.60 1.33 0.00 | 29.76 1.18 0.00 |
| LOVETT___5 23593 | 32.93 1.67 0.00 | 30.84 1.57 -0.37 | 29.50 1.48 -0.58 | 29.64 1.51 0.00 | 30.89 1.41 -2.70 | 41.14 0.96 -21.42 | 39.65 1.77 0.00 | 46.92 1.85 0.00 | 44.92 1.77 0.00 | 39.04 1.55 2.66 | 42.04 2.03 0.45 | 35.28 1.99 6.26 | 42.16 2.01 0.30 | 40.97 1.96 2.40 | 33.83 1.83 5.37 | 43.05 2.01 0.00 | 41.56 1.97 0.00 | 40.16 1.89 0.00 | 42.03 2.08 0.00 | 39.24 1.93 0.00 | 40.13 1.74 0.00 | 35.73 1.58 0.00 | 33.60 1.33 0.00 | 29.76 1.18 0.00 |
| LOWER RAQUET___HYD 24057 | 31.60 0.34 0.00 | 29.11 0.21 0.00 | 27.66 0.23 0.00 | 28.34 0.21 0.00 | 26.86 0.08 0.00 | 18.69 -0.09 -0.03 | 38.32 0.43 0.00 | 46.08 1.02 0.00 | 44.08 0.94 0.00 | 41.00 0.84 0.00 | 40.88 0.43 0.00 | 39.88 0.33 0.00 | 40.87 0.42 0.00 | 41.21 0.52 0.72 | 37.56 0.19 0.00 | 41.20 0.16 0.00 | 39.54 -0.05 0.00 | 38.18 -0.09 0.00 | 39.79 -0.16 0.00 | 37.16 -0.15 0.00 | 38.58 0.18 0.00 | 34.60 0.44 0.00 | 32.83 0.56 0.00 | 29.10 0.52 0.00 |
| LOWER___HUDSON 24059 | 32.90 1.64 0.00 | 31.49 1.61 -0.97 | 30.50 1.54 -1.53 | 29.74 1.61 0.00 | 35.23 1.58 -6.87 | 73.31 1.10 -53.45 | 39.75 1.86 0.00 | 46.89 1.83 0.00 | 44.88 1.74 0.00 | 42.32 1.63 -0.53 | 42.56 2.01 -0.09 | 42.67 1.88 -1.24 | 42.40 1.89 -0.06 | 42.49 1.96 0.89 | 40.34 1.90 -1.06 | 43.17 2.13 0.00 | 41.44 1.86 0.00 | 39.78 1.51 0.00 | 41.66 1.70 0.00 | 39.08 1.78 0.00 | 40.14 1.74 0.00 | 35.68 1.53 0.00 | 33.67 1.40 0.00 | 29.78 1.20 0.00 |
| LOWVILLE_115KV_TB2 356335 | 31.74 0.48 0.00 | 29.24 0.34 0.00 | 27.79 0.36 0.00 | 28.50 0.37 0.00 | 27.16 0.38 0.00 | 19.07 0.25 -0.06 | 38.62 0.73 0.00 | 46.17 1.11 0.00 | 44.01 0.86 0.00 | 41.01 0.85 0.00 | 41.38 0.92 0.00 | 40.43 0.88 0.00 | 41.40 0.95 1.00 | 40.67 1.00 1.74 | 38.28 0.91 0.00 | 42.00 0.96 0.00 | 40.50 0.92 0.00 | 39.13 0.86 0.00 | 40.73 0.77 0.00 | 37.99 0.69 0.00 | 39.22 0.83 0.00 | 34.89 0.74 0.00 | 32.91 0.64 0.00 | 29.05 0.47 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 33.10 1.84 0.00 | 31.73 1.76 -1.07 | 30.77 1.66 -1.68 | 29.92 1.80 0.00 | 36.11 1.76 -7.57 | 78.84 1.25 -58.84 | 40.13 2.24 0.00 | 47.48 2.42 0.00 | 45.37 2.23 0.00 | 42.66 2.00 -0.50 | 42.93 2.39 -0.08 | 43.05 2.33 -1.17 | 42.80 2.29 -0.06 | 42.87 2.36 0.90 | 40.65 2.27 -1.01 | 43.49 2.44 0.00 | 41.86 2.28 0.00 | 40.29 2.02 0.00 | 42.07 2.12 0.00 | 39.34 2.04 0.00 | 40.41 2.02 0.00 | 35.86 1.70 0.00 | 33.81 1.54 0.00 | 29.90 1.31 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 33.12 1.85 0.00 | 31.75 1.78 -1.07 | 30.79 1.68 -1.68 | 29.95 1.83 0.00 | 36.14 1.79 -7.57 | 78.86 1.27 -58.84 | 40.15 2.27 0.00 | 47.52 2.46 0.00 | 45.38 2.24 0.00 | 42.69 2.03 -0.50 | 43.00 2.46 -0.08 | 43.11 2.39 -1.17 | 42.82 2.32 -0.06 | 42.90 2.39 0.90 | 40.68 2.30 -1.01 | 43.50 2.46 0.00 | 41.90 2.32 0.00 | 40.33 2.06 0.00 | 42.13 2.17 0.00 | 39.38 2.07 0.00 | 40.44 2.05 0.00 | 35.87 1.72 0.00 | 33.84 1.57 0.00 | 29.89 1.31 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.32 0.24 1.33 | 37.45 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.18 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| LYONS_FALL_HYD 23570 | 31.88 0.62 0.00 | 29.41 0.51 0.00 | 27.94 0.51 0.00 | 28.65 0.52 0.00 | 27.30 0.52 0.00 | 19.18 0.37 -0.06 | 38.77 0.89 0.00 | 46.30 1.24 0.00 | 44.23 1.09 0.00 | 41.20 1.04 0.00 | 41.59 1.13 0.00 | 40.64 1.09 0.00 | 41.56 1.11 0.00 | 40.99 1.15 1.58 | 38.43 1.06 0.00 | 42.20 1.16 0.00 | 40.73 1.15 0.00 | 39.37 1.10 0.00 | 41.01 1.06 0.00 | 38.25 0.94 0.00 | 39.43 1.04 0.00 | 35.05 0.89 0.00 | 33.04 0.77 0.00 | 29.17 0.58 0.00 |
| MADISON___COUNTY_LFGE 323628 | 32.13 0.87 0.00 | 29.76 0.82 -0.04 | 28.27 0.77 -0.07 | 28.91 0.78 0.00 | 27.86 0.78 -0.30 | 21.72 0.57 -2.40 | 39.01 1.12 0.00 | 46.46 1.40 0.00 | 44.55 1.41 0.00 | 41.52 1.36 0.00 | 41.97 1.51 0.00 | 41.02 1.47 0.00 | 41.85 1.40 0.00 | 40.45 1.40 2.37 | 38.77 1.40 0.00 | 42.60 1.56 0.00 | 41.19 1.60 0.00 | 39.76 1.50 0.00 | 41.44 1.49 0.00 | 38.62 1.31 0.00 | 39.73 1.33 0.00 | 35.25 1.09 0.00 | 33.20 0.92 0.00 | 29.33 0.75 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MALONE___115KV_TB1 356076 | 32.34 1.08 0.00 | 29.85 0.94 0.00 | 28.44 1.01 0.00 | 29.18 1.05 0.00 | 27.76 0.98 0.00 | 19.45 0.68 -0.02 | 39.76 1.88 0.00 | 47.75 2.69 0.00 | 45.72 2.57 0.00 | 42.47 2.31 0.00 | 42.47 2.01 0.00 | 41.43 1.88 0.00 | 42.40 1.95 0.00 | 43.02 2.03 0.42 | 39.03 1.66 0.00 | 42.81 1.77 0.00 | 41.28 1.70 0.00 | 39.86 1.59 0.00 | 41.60 1.64 0.00 | 38.84 1.53 0.00 | 40.05 1.66 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.02 1.44 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 32.61 1.35 0.00 | 31.05 1.31 -0.84 | 29.99 1.23 -1.33 | 29.42 1.30 0.00 | 34.03 1.30 -5.95 | 66.10 0.88 -46.47 | 39.40 1.51 0.00 | 46.55 1.49 0.00 | 44.53 1.39 0.00 | 41.95 1.28 -0.51 | 42.18 1.64 -0.09 | 42.29 1.54 -1.20 | 42.09 1.58 -0.06 | 42.09 1.58 0.91 | 39.98 1.58 -1.03 | 42.71 1.67 0.00 | 41.11 1.53 0.00 | 39.55 1.28 0.00 | 41.31 1.35 0.00 | 38.78 1.48 0.00 | 39.75 1.35 0.00 | 35.37 1.21 0.00 | 33.39 1.11 0.00 | 29.53 0.94 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 31.23 -0.03 0.00 | 28.83 -0.07 0.00 | 27.40 -0.03 0.00 | 28.11 -0.02 0.00 | 26.77 -0.02 0.00 | 18.71 -0.04 0.00 | 38.04 0.15 0.00 | 45.41 0.34 0.00 | 43.31 0.17 0.00 | 40.28 0.11 0.00 | 40.51 0.05 0.00 | 39.63 0.08 0.00 | 40.57 0.12 0.00 | 41.33 0.16 0.24 | 37.38 0.01 0.00 | 41.04 -0.01 0.00 | 39.43 -0.15 0.00 | 38.10 -0.17 0.00 | 39.83 -0.13 0.00 | 37.22 -0.08 0.00 | 38.44 0.05 0.00 | 34.22 0.06 0.00 | 32.39 0.12 0.00 | 28.70 0.11 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 31.23 -0.03 0.00 | 28.83 -0.07 0.00 | 27.40 -0.03 0.00 | 28.11 -0.02 0.00 | 26.77 -0.02 0.00 | 18.71 -0.04 0.00 | 38.04 0.15 0.00 | 45.41 0.34 0.00 | 43.31 0.17 0.00 | 40.28 0.11 0.00 | 40.51 0.05 0.00 | 39.63 0.08 0.00 | 40.57 0.12 0.00 | 41.33 0.16 0.24 | 37.38 0.01 0.00 | 41.04 -0.01 0.00 | 39.43 -0.15 0.00 | 38.10 -0.17 0.00 | 39.83 -0.13 0.00 | 37.22 -0.08 0.00 | 38.44 0.05 0.00 | 34.22 0.06 0.00 | 32.39 0.12 0.00 | 28.70 0.11 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 31.89 0.63 0.00 | 29.46 0.56 0.00 | 28.10 0.67 0.00 | 28.85 0.72 0.00 | 27.45 0.67 0.00 | 19.26 0.50 0.00 | 39.31 1.43 0.00 | 47.09 2.03 0.00 | 45.08 1.94 0.00 | 41.89 1.73 0.00 | 42.01 1.55 0.00 | 40.99 1.44 0.00 | 41.93 1.48 0.00 | 42.67 1.53 0.28 | 38.64 1.26 0.00 | 42.38 1.34 0.00 | 40.88 1.30 0.00 | 39.44 1.17 0.00 | 41.20 1.25 0.00 | 38.50 1.20 0.00 | 39.58 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.77 1.18 0.00 |
| MARSHVLE_115KV_TB1 80742 | 32.65 1.39 0.00 | 31.03 1.18 -0.95 | 30.04 1.11 -1.50 | 29.24 1.11 0.00 | 34.61 1.09 -6.74 | 72.35 0.86 -52.74 | 39.81 1.92 0.00 | 47.71 2.65 0.00 | 45.66 2.51 0.00 | 42.86 2.37 -0.33 | 42.78 2.27 -0.06 | 42.64 2.31 -0.79 | 42.82 2.33 -0.04 | 42.59 2.46 1.28 | 40.19 2.15 -0.67 | 43.40 2.36 0.00 | 42.07 2.49 0.00 | 40.85 2.58 0.00 | 42.50 2.55 0.00 | 39.47 2.17 0.00 | 40.75 2.36 0.00 | 36.40 2.24 0.00 | 34.22 1.95 0.00 | 30.28 1.70 0.00 |
| MARSH_HILL_WT_PWR 323713 | 31.41 -0.47 -0.62 | 28.93 -0.58 -0.62 | 27.12 -0.75 -0.44 | 27.12 -1.12 -0.11 | 26.46 -1.24 -0.92 | 25.06 -0.98 -7.29 | 25.70 -3.63 8.56 | 40.91 -4.15 0.00 | 40.13 -3.02 0.00 | 33.41 -3.29 3.47 | 37.16 -3.28 0.02 | 36.12 -3.18 0.25 | 37.25 -3.19 0.01 | 34.45 -2.84 4.12 | 35.32 -1.84 0.21 | 39.55 -1.69 -0.19 | 39.94 -1.22 -1.58 | 37.59 -1.01 -0.33 | 38.95 -1.01 0.00 | 36.20 -1.31 -0.20 | 38.99 -0.70 -1.29 | 33.88 -0.79 -0.51 | 31.41 -0.91 -0.05 | 28.01 -0.61 -0.04 |
| MCINTYRE_115KV_TB2 80467 | 32.23 0.97 0.00 | 29.66 0.76 0.00 | 28.18 0.75 0.00 | 28.85 0.72 0.00 | 27.41 0.63 0.00 | 19.18 0.41 -0.02 | 39.50 1.61 0.00 | 47.57 2.50 0.00 | 45.58 2.43 0.00 | 42.38 2.22 0.00 | 42.08 1.62 0.00 | 41.03 1.48 0.00 | 42.04 1.59 0.00 | 42.59 1.79 0.62 | 38.68 1.31 0.00 | 42.43 1.39 0.00 | 40.86 1.28 0.00 | 39.42 1.15 0.00 | 41.05 1.10 0.00 | 38.30 1.00 0.00 | 39.67 1.27 0.00 | 35.40 1.24 0.00 | 33.53 1.25 0.00 | 29.66 1.08 0.00 |
| MECO___69_KV_BK1 80468 | 34.35 3.09 0.00 | 32.70 2.78 -1.01 | 31.62 2.60 -1.59 | 30.77 2.64 0.00 | 36.55 2.61 -7.16 | 76.56 1.96 -55.85 | 42.04 4.15 0.00 | 50.35 5.29 0.00 | 48.08 4.94 0.00 | 45.03 4.49 -0.38 | 45.06 4.54 -0.06 | 44.95 4.51 -0.89 | 44.98 4.49 -0.04 | 44.98 4.72 1.16 | 42.43 4.29 -0.77 | 45.79 4.75 0.00 | 44.40 4.81 0.00 | 43.13 4.86 0.00 | 44.86 4.91 0.00 | 41.68 4.37 0.00 | 42.88 4.49 0.00 | 38.08 3.92 0.00 | 35.68 3.41 0.00 | 31.44 2.86 0.00 |
| MENANDS___115KV_TB5 355628 | 32.49 1.23 0.00 | 30.92 1.20 -0.83 | 29.86 1.13 -1.30 | 29.33 1.20 0.00 | 33.81 1.21 -5.82 | 65.01 0.79 -45.46 | 39.23 1.34 0.00 | 46.32 1.26 0.00 | 44.30 1.16 0.00 | 41.73 1.06 -0.51 | 41.94 1.40 -0.09 | 42.04 1.30 -1.20 | 41.86 1.35 -0.06 | 41.84 1.33 0.91 | 39.78 1.38 -1.03 | 42.47 1.43 0.00 | 40.88 1.30 0.00 | 39.32 1.05 0.00 | 41.06 1.11 0.00 | 38.59 1.28 0.00 | 39.54 1.14 0.00 | 35.20 1.04 0.00 | 33.24 0.97 0.00 | 29.41 0.83 0.00 |
| MG INDUSTRY___DRP 24185 | 32.55 1.29 0.00 | 30.82 1.27 -0.65 | 29.66 1.20 -1.03 | 29.40 1.27 0.00 | 32.66 1.28 -4.60 | 55.73 0.85 -36.13 | 39.37 1.48 0.00 | 46.48 1.42 0.00 | 44.44 1.30 0.00 | 41.78 1.16 -0.46 | 41.99 1.46 -0.08 | 42.05 1.42 -1.09 | 41.98 1.47 -0.05 | 41.93 1.46 0.95 | 39.76 1.46 -0.93 | 42.57 1.53 0.00 | 40.95 1.37 0.00 | 39.42 1.16 0.00 | 41.16 1.20 0.00 | 38.60 1.30 0.00 | 39.60 1.21 0.00 | 35.24 1.09 0.00 | 33.31 1.03 0.00 | 29.50 0.91 0.00 |
| MID___OSWEGATCHIE_HYD 23849 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.32 0.24 1.33 | 37.45 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.18 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| MID___RAQUETTE_HYD 23851 | 31.59 0.33 0.00 | 29.11 0.20 0.00 | 27.66 0.23 0.00 | 28.34 0.21 0.00 | 26.86 0.08 0.00 | 18.69 -0.09 -0.03 | 38.32 0.43 0.00 | 46.08 1.02 0.00 | 44.08 0.94 0.00 | 41.00 0.84 0.00 | 40.88 0.43 0.00 | 39.88 0.33 0.00 | 40.87 0.42 0.00 | 41.21 0.51 0.72 | 37.55 0.18 0.00 | 41.20 0.15 0.00 | 39.54 -0.05 0.00 | 38.18 -0.09 0.00 | 39.79 -0.16 0.00 | 37.15 -0.16 0.00 | 38.57 0.18 0.00 | 34.60 0.44 0.00 | 32.83 0.56 0.00 | 29.10 0.52 0.00 |
| MILLIKEN___1 23584 | 31.76 0.49 0.00 | 29.48 0.45 -0.13 | 28.02 0.39 -0.20 | 28.44 0.31 0.00 | 28.03 0.34 -0.91 | 26.22 0.28 -7.18 | 45.63 0.20 -7.54 | 45.29 0.23 0.00 | 43.46 0.31 0.00 | 45.30 0.33 -4.80 | 40.99 0.55 0.02 | 39.90 0.60 0.25 | 41.02 0.59 0.01 | 37.95 0.51 3.98 | 37.83 0.68 0.21 | 41.82 0.78 0.00 | 40.46 0.88 0.00 | 39.13 0.86 0.00 | 40.87 0.92 0.00 | 37.97 0.66 0.00 | 39.13 0.73 0.00 | 34.71 0.55 0.00 | 32.68 0.41 0.00 | 28.94 0.35 0.00 |
| MILLIKEN___2 23585 | 31.76 0.49 0.00 | 29.48 0.45 -0.13 | 28.02 0.39 -0.20 | 28.44 0.31 0.00 | 28.03 0.34 -0.91 | 26.22 0.28 -7.18 | 45.63 0.20 -7.54 | 45.29 0.23 0.00 | 43.46 0.31 0.00 | 45.30 0.33 -4.80 | 40.99 0.55 0.02 | 39.90 0.60 0.25 | 41.02 0.59 0.01 | 37.95 0.51 3.98 | 37.83 0.68 0.21 | 41.82 0.78 0.00 | 40.46 0.88 0.00 | 39.13 0.86 0.00 | 40.87 0.92 0.00 | 37.97 0.66 0.00 | 39.13 0.73 0.00 | 34.71 0.55 0.00 | 32.68 0.41 0.00 | 28.94 0.35 0.00 |

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| MILLIKEN___DIESEL 23629 | 31.76 0.49 0.00 | 29.48 0.45 -0.13 | 28.02 0.39 -0.20 | 28.44 0.31 0.00 | 28.03 0.34 -0.91 | 26.22 0.28 -7.18 | 45.63 0.20 -7.54 | 45.29 0.23 0.00 | 43.46 0.31 0.00 | 45.30 0.33 -4.80 | 40.99 0.55 0.02 | 39.90 0.60 0.25 | 41.02 0.59 0.01 | 37.95 0.51 3.98 | 37.83 0.68 0.21 | 41.82 0.78 0.00 | 40.46 0.88 0.00 | 39.13 0.86 0.00 | 40.87 0.92 0.00 | 37.97 0.66 0.00 | 39.13 0.73 0.00 | 34.71 0.55 0.00 | 32.68 0.41 0.00 | 28.94 0.35 0.00 |
| MILLSEAT___LFGE 323607 | 27.93 -1.27 2.06 | 26.09 -1.27 1.54 | 25.40 -1.39 0.64 | 26.04 -1.71 0.38 | 25.97 -1.52 -0.71 | 23.25 -1.15 -5.65 | 32.23 -3.46 2.20 | 40.78 -4.29 0.00 | 39.40 -3.75 0.00 | 35.38 -3.32 1.46 | 37.00 -3.14 0.32 | 35.46 -2.89 1.20 | 35.83 -3.03 1.59 | 30.62 -2.92 7.87 | 31.47 -2.12 3.79 | 34.07 -2.32 4.66 | 32.17 -2.00 5.42 | 34.99 -2.12 1.16 | 37.54 -2.42 0.00 | 33.93 -2.67 0.71 | 31.84 -2.06 4.50 | 30.54 -1.83 1.79 | 30.28 -1.83 0.16 | 27.13 -1.31 0.14 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 33.34 2.08 0.00 | 31.21 1.92 -0.39 | 29.85 1.82 -0.60 | 29.98 1.85 0.00 | 31.29 1.69 -2.82 | 42.24 1.15 -22.34 | 40.02 2.13 0.00 | 47.35 2.29 0.00 | 45.36 2.21 0.00 | 43.84 2.04 -1.64 | 43.25 2.52 -0.27 | 45.86 2.47 -3.85 | 43.13 2.49 -0.19 | 43.22 2.47 0.67 | 42.98 2.31 -3.30 | 43.55 2.51 0.00 | 42.02 2.43 0.00 | 40.60 2.32 0.00 | 42.45 2.49 0.00 | 39.62 2.32 0.00 | 40.56 2.16 0.00 | 36.11 1.95 0.00 | 33.93 1.66 0.00 | 30.04 1.46 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 33.42 2.16 0.00 | 31.28 1.99 -0.39 | 29.93 1.89 -0.60 | 30.04 1.92 0.00 | 31.35 1.75 -2.82 | 42.29 1.19 -22.34 | 40.11 2.22 0.00 | 47.47 2.40 0.00 | 45.48 2.34 0.00 | 43.95 2.15 -1.64 | 43.36 2.63 -0.27 | 45.98 2.58 -3.85 | 43.25 2.61 -0.19 | 43.34 2.59 0.67 | 43.09 2.43 -3.30 | 43.68 2.64 0.00 | 42.14 2.55 0.00 | 40.72 2.45 0.00 | 42.56 2.61 0.00 | 39.74 2.43 0.00 | 40.67 2.27 0.00 | 36.19 2.04 0.00 | 34.01 1.74 0.00 | 30.11 1.52 0.00 |
| MODEL_CITY_ENERGY 24167 | 26.58 -2.28 2.40 | 24.89 -2.20 1.81 | 24.39 -2.26 0.77 | 25.06 -2.62 0.45 | 25.11 -2.41 -0.74 | 22.77 -1.81 -5.83 | 30.50 -4.98 2.41 | 38.80 -6.27 0.00 | 37.50 -5.64 0.00 | 33.52 -5.05 1.59 | 35.17 -4.92 0.37 | 33.54 -4.64 1.37 | 33.81 -4.79 1.85 | 28.27 -4.73 8.41 | 29.29 -3.69 4.39 | 31.62 -4.00 5.42 | 29.58 -3.67 6.33 | 33.14 -3.77 1.35 | 35.81 -4.15 0.00 | 32.21 -4.27 0.83 | 29.50 -3.63 5.25 | 28.86 -3.21 2.09 | 29.03 -3.06 0.19 | 26.12 -2.30 0.17 |
| MODERN_LFGE___ 323580 | 26.58 -2.28 2.40 | 24.89 -2.20 1.81 | 24.39 -2.26 0.77 | 25.06 -2.62 0.45 | 25.11 -2.41 -0.74 | 22.77 -1.81 -5.83 | 30.50 -4.98 2.41 | 38.80 -6.27 0.00 | 37.50 -5.64 0.00 | 33.52 -5.05 1.59 | 35.17 -4.92 0.37 | 33.54 -4.64 1.37 | 33.81 -4.79 1.85 | 28.27 -4.73 8.41 | 29.29 -3.69 4.39 | 31.62 -4.00 5.42 | 29.58 -3.67 6.33 | 33.14 -3.77 1.35 | 35.81 -4.15 0.00 | 32.21 -4.27 0.83 | 29.50 -3.63 5.25 | 28.86 -3.21 2.09 | 29.03 -3.06 0.19 | 26.12 -2.30 0.17 |
| MOHAWK_PAPER___DRP 24187 | 32.61 1.35 0.00 | 31.05 1.31 -0.84 | 29.99 1.23 -1.33 | 29.42 1.30 0.00 | 34.03 1.30 -5.95 | 66.10 0.88 -46.47 | 39.40 1.51 0.00 | 46.55 1.49 0.00 | 44.53 1.39 0.00 | 41.95 1.28 -0.51 | 42.18 1.64 -0.09 | 42.29 1.54 -1.20 | 42.09 1.58 -0.06 | 42.09 1.58 0.91 | 39.98 1.58 -1.03 | 42.71 1.67 0.00 | 41.11 1.53 0.00 | 39.55 1.28 0.00 | 41.31 1.35 0.00 | 38.78 1.48 0.00 | 39.75 1.35 0.00 | 35.37 1.21 0.00 | 33.39 1.11 0.00 | 29.53 0.94 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 33.05 1.79 0.00 | 31.66 1.69 -1.07 | 30.70 1.58 -1.69 | 29.95 1.82 0.00 | 36.20 1.82 -7.60 | 79.18 1.35 -59.08 | 40.27 2.38 0.00 | 47.75 2.69 0.00 | 45.52 2.38 0.00 | 42.61 1.95 -0.50 | 42.93 2.38 -0.08 | 43.17 2.45 -1.17 | 42.85 2.35 -0.06 | 42.91 2.39 0.90 | 40.71 2.34 -1.00 | 43.42 2.38 0.00 | 41.93 2.35 0.00 | 40.47 2.20 0.00 | 42.17 2.21 0.00 | 39.30 1.99 0.00 | 40.35 1.95 0.00 | 35.71 1.56 0.00 | 33.68 1.41 0.00 | 29.80 1.21 0.00 |
| MONGAUP___HYD 23641 | 33.07 1.81 0.00 | 30.93 1.67 -0.35 | 29.57 1.58 -0.56 | 29.72 1.59 0.00 | 30.70 1.34 -2.58 | 40.06 0.84 -20.47 | 39.23 1.34 0.00 | 46.47 1.41 0.00 | 44.46 1.31 0.00 | 39.44 1.30 2.02 | 41.68 1.56 0.34 | 36.77 1.97 4.75 | 42.13 1.91 0.23 | 41.15 1.91 2.18 | 35.10 1.80 4.07 | 42.71 1.67 0.00 | 41.25 1.67 0.00 | 40.00 1.73 0.00 | 41.89 1.93 0.00 | 38.95 1.65 0.00 | 39.90 1.51 0.00 | 35.77 1.61 0.00 | 33.76 1.49 0.00 | 29.99 1.41 0.00 |
| MONTAUK___DIESEL 23721 | 99.33 4.73 -63.34 | 33.95 4.37 -0.68 | 32.55 4.17 -0.95 | 32.41 4.27 -0.02 | 40.44 4.08 -9.58 | 82.13 2.76 -60.62 | 74.77 5.56 -31.32 | 93.20 6.40 -41.74 | 123.97 6.13 -74.69 | 78.26 5.27 -32.83 | 62.68 5.50 -16.72 | 76.25 5.40 -31.30 | 93.86 5.67 -47.73 | 99.95 6.06 -52.48 | 78.83 5.64 -35.82 | 86.05 6.27 -38.73 | 104.49 6.20 -58.71 | 135.88 6.11 -91.51 | 134.72 6.37 -88.39 | 154.20 5.87 -111.03 | 59.40 5.76 -15.25 | 69.63 5.09 -30.38 | 71.02 4.56 -34.19 | 80.99 3.98 -48.43 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 30.62 -0.66 -0.02 | 28.06 -0.97 -0.12 | 26.40 -1.21 -0.18 | 26.45 -1.68 0.00 | 25.75 -1.82 -0.80 | 23.75 -1.31 -6.31 | 31.85 -3.21 2.83 | 40.41 -4.66 0.00 | 39.43 -3.71 0.00 | 34.95 -3.35 1.86 | 37.40 -3.04 0.02 | 36.80 -2.52 0.23 | 37.80 -2.64 0.01 | 34.69 -2.45 4.27 | 35.58 -1.60 0.19 | 39.41 -1.64 0.00 | 38.09 -1.49 0.00 | 36.71 -1.56 0.00 | 38.29 -1.67 0.00 | 35.40 -1.90 0.00 | 37.23 -1.17 0.00 | 33.11 -1.05 0.00 | 31.23 -1.04 0.00 | 27.73 -0.85 0.00 |
| MORTIMER_115KV_TB3 55949 | 30.20 -1.06 0.00 | 27.98 -1.02 -0.09 | 26.47 -1.10 -0.14 | 26.85 -1.28 0.00 | 26.30 -1.14 -0.65 | 23.07 -0.84 -5.15 | 33.69 -2.53 1.66 | 42.02 -3.04 0.00 | 40.46 -2.69 0.00 | 36.66 -2.39 1.11 | 38.27 -2.18 0.01 | 37.35 -2.01 0.19 | 38.34 -2.10 0.01 | 34.83 -2.10 4.48 | 35.71 -1.50 0.16 | 39.38 -1.67 0.00 | 38.19 -1.39 0.00 | 36.79 -1.47 0.00 | 38.28 -1.68 0.00 | 35.45 -1.85 0.00 | 36.86 -1.54 0.00 | 32.71 -1.45 0.00 | 30.78 -1.49 0.00 | 27.43 -1.16 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.01 1.98 -0.61 | 30.14 2.01 0.00 | 31.46 1.85 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.55 2.48 0.00 | 45.57 2.42 0.00 | 43.97 2.27 -1.54 | 43.47 2.75 -0.26 | 45.87 2.70 -3.63 | 43.33 2.70 -0.18 | 43.41 2.70 0.70 | 42.98 2.50 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.78 2.51 0.00 | 42.60 2.65 0.00 | 39.78 2.48 0.00 | 40.72 2.32 0.00 | 36.26 2.10 0.00 | 34.08 1.80 0.00 | 30.17 1.59 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 34.60 2.59 -0.74 | 32.14 2.45 -0.79 | 30.40 2.37 -0.61 | 30.63 2.37 -0.14 | 30.64 2.43 -1.44 | 31.81 1.74 -11.32 | 45.58 3.45 -4.24 | 49.36 4.30 0.00 | 47.31 4.17 0.00 | 46.69 3.92 -2.61 | 44.78 4.23 -0.09 | 43.89 4.31 -0.03 | 45.34 4.37 -0.53 | 43.37 4.18 2.23 | 42.25 3.93 -0.95 | 47.00 4.41 -1.55 | 46.02 4.53 -1.91 | 43.11 4.45 -0.40 | 44.44 4.49 0.00 | 41.56 4.01 -0.25 | 43.98 4.03 -1.55 | 38.08 3.31 -0.62 | 35.23 2.90 -0.06 | 31.09 2.46 -0.05 |
| N SALMON___HYD 24042 | 32.34 1.08 0.00 | 29.85 0.95 0.00 | 28.43 1.00 0.00 | 29.18 1.05 0.00 | 27.76 0.97 0.00 | 19.45 0.68 -0.02 | 39.77 1.88 0.00 | 47.75 2.69 0.00 | 45.71 2.57 0.00 | 42.47 2.31 0.00 | 42.47 2.01 0.00 | 41.43 1.88 0.00 | 42.40 1.95 0.00 | 43.02 2.03 0.42 | 39.03 1.66 0.00 | 42.80 1.76 0.00 | 41.28 1.70 0.00 | 39.86 1.59 0.00 | 41.60 1.64 0.00 | 38.84 1.53 0.00 | 40.05 1.65 0.00 | 35.64 1.49 0.00 | 33.73 1.46 0.00 | 30.02 1.44 0.00 |

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| N.AKRON__115KV_KNAPP 355671 | 29.83 -1.45 -0.02 | 27.58 -1.43 -0.11 | 26.04 -1.56 -0.17 | 26.24 -1.89 0.00 | 25.81 -1.69 -0.72 | 23.17 -1.28 -5.70 | 31.83 -3.81 2.25 | 40.33 -4.74 0.00 | 38.96 -4.18 0.00 | 34.94 -3.73 1.49 | 36.90 -3.54 0.02 | 36.06 -3.29 0.21 | 37.02 -3.42 0.01 | 33.75 -3.28 4.38 | 34.76 -2.44 0.18 | 38.39 -2.66 0.00 | 37.24 -2.34 0.00 | 35.80 -2.47 0.00 | 37.14 -2.81 0.00 | 34.29 -3.01 0.00 | 36.02 -2.37 0.00 | 32.07 -2.09 0.00 | 30.19 -2.08 0.00 | 27.08 -1.51 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 87.43 3.03 -53.13 | 32.32 2.79 -0.62 | 30.94 2.62 -0.89 | 30.79 2.65 -0.01 | 37.77 2.50 -8.49 | 74.50 1.63 -54.12 | 62.28 3.08 -21.31 | 95.20 3.44 -46.69 | 103.94 3.37 -57.42 | 71.86 3.09 -28.62 | 60.83 3.41 -16.96 | 73.50 3.38 -30.57 | 88.31 3.51 -44.35 | 92.34 3.53 -47.39 | 73.10 3.27 -32.46 | 85.80 3.55 -41.21 | 106.66 3.38 -63.69 | 146.96 3.29 -105.40 | 146.24 3.46 -102.82 | 156.77 3.26 -116.21 | 52.96 3.09 -11.47 | 56.47 2.88 -19.44 | 60.24 2.63 -25.33 | 75.11 2.31 -44.22 |
| N.E_GEN_SANDY PD 24062 | 73.65 2.18 -40.20 | 71.50 2.07 -40.53 | 71.01 1.98 -41.60 | 68.87 2.01 -38.73 | 70.50 1.89 -41.83 | 72.19 1.34 -52.10 | 73.06 2.36 -32.81 | 81.58 2.36 -34.15 | 76.89 2.34 -31.42 | 68.94 2.23 -26.54 | 64.41 2.66 -21.29 | 70.70 2.51 -28.64 | 105.86 2.55 -62.86 | 121.95 2.63 -77.90 | 96.94 2.48 -57.09 | 131.06 2.80 -87.22 | 108.02 2.54 -65.90 | 62.10 2.24 -21.58 | 60.16 2.49 -17.71 | 60.41 2.45 -20.66 | 53.63 2.40 -12.83 | 57.19 2.14 -20.89 | 56.13 1.91 -21.94 | 46.97 1.66 -16.72 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 32.97 1.71 0.00 | 30.88 1.61 -0.37 | 29.54 1.52 -0.58 | 29.67 1.55 0.00 | 30.90 1.42 -2.70 | 41.12 0.97 -21.39 | 39.67 1.78 0.00 | 46.93 1.87 0.00 | 44.93 1.79 0.00 | 39.09 1.57 2.64 | 42.06 2.04 0.44 | 35.34 2.00 6.21 | 42.17 2.02 0.30 | 41.00 1.98 2.39 | 33.90 1.85 5.32 | 43.08 2.04 0.00 | 41.59 2.00 0.00 | 40.18 1.91 0.00 | 42.06 2.11 0.00 | 39.26 1.96 0.00 | 40.16 1.77 0.00 | 35.75 1.59 0.00 | 33.62 1.35 0.00 | 29.77 1.19 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 33.55 2.29 0.00 | 31.33 2.05 -0.39 | 29.92 1.88 -0.61 | 30.01 1.88 0.00 | 31.35 1.74 -2.82 | 42.31 1.17 -22.39 | 40.16 2.28 0.00 | 47.57 2.51 0.00 | 45.66 2.52 0.00 | 44.01 2.30 -1.55 | 43.53 2.81 -0.26 | 45.92 2.74 -3.63 | 43.43 2.81 -0.18 | 43.42 2.71 0.70 | 43.00 2.52 -3.11 | 43.72 2.68 0.00 | 42.16 2.58 0.00 | 40.79 2.52 0.00 | 42.58 2.62 0.00 | 39.87 2.56 0.00 | 40.71 2.32 0.00 | 36.32 2.17 0.00 | 34.05 1.77 0.00 | 30.14 1.55 0.00 |
| N.TROY___115KV_TB1 355778 | 32.90 1.64 0.00 | 31.49 1.61 -0.97 | 30.50 1.54 -1.53 | 29.74 1.61 0.00 | 35.22 1.58 -6.87 | 73.30 1.10 -53.45 | 39.75 1.86 0.00 | 46.89 1.83 0.00 | 44.88 1.74 0.00 | 42.32 1.63 -0.53 | 42.56 2.01 -0.09 | 42.66 1.88 -1.24 | 42.39 1.88 -0.06 | 42.47 1.95 0.89 | 40.34 1.90 -1.06 | 43.18 2.13 0.00 | 41.44 1.85 0.00 | 39.78 1.51 0.00 | 41.65 1.70 0.00 | 39.08 1.77 0.00 | 40.14 1.74 0.00 | 35.68 1.53 0.00 | 33.67 1.40 0.00 | 29.78 1.20 0.00 |
| NARROWS_GT1_1 24228 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_2 24229 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_3 24230 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_4 24231 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_5 24232 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_6 24233 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_7 24234 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT1_8 24235 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_1 24236 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |

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|---|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_2 24237 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_3 24238 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_4 24239 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_5 24240 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_6 24241 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_7 24242 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NARROWS_GT2_8 24243 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.35 0.00 | 47.57 2.51 0.00 | 45.53 2.39 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.57 0.00 | 40.74 2.47 0.00 | 42.60 2.64 0.00 | 39.83 2.53 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 33.40 2.14 0.00 | 31.57 2.05 -0.62 | 30.35 1.95 -0.98 | 30.17 2.04 0.00 | 33.21 2.04 -4.39 | 54.66 1.42 -34.49 | 40.58 2.69 0.00 | 47.99 2.92 0.00 | 45.95 2.81 0.00 | 42.94 2.43 -0.36 | 43.25 2.73 -0.06 | 43.09 2.70 -0.84 | 43.29 2.80 -0.04 | 43.23 2.84 1.03 | 40.92 2.82 -0.72 | 44.11 3.07 0.00 | 42.56 2.97 0.00 | 40.95 2.68 0.00 | 42.70 2.74 0.00 | 40.07 2.76 0.00 | 41.04 2.64 0.00 | 36.43 2.27 0.00 | 34.36 2.09 0.00 | 30.35 1.77 0.00 |
| NCHELSEA_115KV_TR2 355582 | 33.46 2.20 0.00 | 31.31 2.02 -0.39 | 29.94 1.90 -0.61 | 30.09 1.96 0.00 | 31.42 1.80 -2.84 | 42.48 1.25 -22.47 | 40.33 2.45 0.00 | 47.77 2.70 0.00 | 45.73 2.59 0.00 | 42.71 2.40 -0.15 | 43.32 2.83 -0.03 | 42.70 2.79 -0.36 | 43.30 2.84 -0.02 | 42.98 2.82 1.26 | 40.31 2.63 -0.31 | 43.92 2.88 0.00 | 42.41 2.82 0.00 | 41.00 2.73 0.00 | 42.85 2.90 0.00 | 39.98 2.67 0.00 | 40.93 2.54 0.00 | 36.40 2.24 0.00 | 34.21 1.93 0.00 | 30.27 1.69 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 33.14 1.88 0.00 | 31.75 1.80 -1.05 | 30.78 1.71 -1.64 | 29.95 1.82 0.00 | 35.97 1.80 -7.39 | 77.52 1.28 -57.48 | 40.17 2.28 0.00 | 47.52 2.46 0.00 | 45.42 2.28 0.00 | 42.74 2.07 -0.51 | 43.00 2.46 -0.09 | 43.13 2.38 -1.20 | 42.88 2.37 -0.06 | 42.95 2.43 0.89 | 40.74 2.34 -1.03 | 43.58 2.54 0.00 | 41.96 2.38 0.00 | 40.34 2.07 0.00 | 42.16 2.20 0.00 | 39.45 2.15 0.00 | 40.51 2.12 0.00 | 35.95 1.80 0.00 | 33.89 1.62 0.00 | 29.95 1.37 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 28.88 -1.47 0.91 | 26.85 -1.42 0.63 | 25.79 -1.43 0.21 | 26.38 -1.58 0.17 | 25.99 -1.43 -0.64 | 22.79 -1.02 -5.06 | 33.90 -2.71 1.28 | 41.82 -3.24 0.00 | 40.21 -2.93 0.00 | 36.63 -2.64 0.89 | 37.87 -2.44 0.15 | 36.67 -2.26 0.62 | 37.36 -2.38 0.72 | 33.03 -2.35 6.04 | 33.81 -1.78 1.78 | 36.97 -1.97 2.11 | 35.52 -1.68 2.39 | 36.05 -1.71 0.51 | 38.05 -1.90 0.00 | 34.96 -2.03 0.31 | 34.55 -1.86 1.99 | 31.64 -1.73 0.79 | 30.45 -1.75 0.07 | 27.11 -1.41 0.06 |
| NEG CENTRAL___DRP 24199 | 31.02 -0.24 0.00 | 28.74 -0.25 -0.09 | 27.27 -0.31 -0.15 | 27.71 -0.42 0.00 | 27.09 -0.36 -0.67 | 23.83 -0.22 -5.29 | 34.62 -1.06 2.20 | 43.84 -1.23 0.00 | 42.11 -1.04 0.00 | 37.63 -0.94 1.59 | 39.73 -0.71 0.01 | 38.80 -0.56 0.19 | 39.84 -0.60 0.01 | 36.39 -0.66 4.36 | 36.85 -0.36 0.16 | 40.66 -0.38 0.00 | 39.36 -0.22 0.00 | 38.10 -0.17 0.00 | 39.74 -0.22 0.00 | 36.88 -0.42 0.00 | 38.10 -0.29 0.00 | 33.85 -0.31 0.00 | 31.88 -0.40 0.00 | 28.28 -0.31 0.00 |
| NEG CENTRAL___INDECK 23768 | 31.45 0.18 -0.01 | 29.05 0.03 -0.12 | 27.45 -0.16 -0.18 | 27.67 -0.46 0.00 | 27.05 -0.55 -0.81 | 24.45 -0.72 -6.41 | 30.48 -2.74 4.67 | 41.93 -3.14 0.00 | 40.56 -2.58 0.00 | 35.09 -2.44 2.63 | 38.14 -2.30 0.02 | 37.05 -2.28 0.23 | 38.26 -2.18 0.01 | 34.95 -2.18 4.28 | 35.46 -1.49 0.43 | 39.13 -1.51 0.40 | 38.48 -1.10 0.00 | 37.19 -1.08 0.00 | 38.76 -1.19 0.00 | 35.69 -1.62 0.00 | 38.43 0.04 0.00 | 34.14 -0.02 0.00 | 32.02 -0.26 0.00 | 28.46 -0.12 0.00 |
| NEG CENTRAL___SENECA 23627 | 31.13 -0.13 0.00 | 28.81 -0.19 -0.10 | 27.30 -0.28 -0.16 | 27.72 -0.40 0.00 | 27.16 -0.33 -0.71 | 24.18 -0.23 -5.66 | 32.68 -1.23 3.98 | 43.75 -1.31 0.00 | 42.07 -1.07 0.00 | 36.37 -0.98 2.80 | 39.69 -0.75 0.02 | 38.86 -0.48 0.21 | 39.88 -0.56 0.01 | 36.47 -0.61 4.33 | 36.88 -0.31 0.17 | 40.72 -0.32 0.00 | 39.45 -0.14 0.00 | 38.17 -0.10 0.00 | 39.81 -0.15 0.00 | 36.90 -0.40 0.00 | 38.18 -0.22 0.00 | 33.93 -0.23 0.00 | 31.92 -0.35 0.00 | 28.35 -0.24 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 31.17 -0.10 0.00 | 28.93 -0.07 -0.09 | 27.48 -0.10 -0.14 | 27.86 -0.27 0.00 | 27.23 -0.21 -0.66 | 23.93 -0.06 -5.23 | 37.92 -0.64 -0.68 | 44.25 -0.81 0.00 | 42.47 -0.67 0.00 | 39.93 -0.58 -0.35 | 40.07 -0.37 0.01 | 39.05 -0.30 0.19 | 40.08 -0.36 0.01 | 36.65 -0.43 4.34 | 37.05 -0.16 0.16 | 40.86 -0.18 0.00 | 39.54 -0.05 0.00 | 38.23 -0.04 0.00 | 39.99 0.04 0.00 | 37.11 -0.19 0.00 | 38.34 -0.06 0.00 | 34.07 -0.08 0.00 | 32.11 -0.16 0.00 | 28.44 -0.14 0.00 |

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| NEG MILLWOOD___DRP 24198 | 33.68 2.42 0.00 | 31.52 2.22 -0.39 | 30.14 2.10 -0.61 | 30.28 2.16 0.00 | 31.62 1.99 -2.85 | 42.73 1.38 -22.60 | 40.58 2.70 0.00 | 48.05 2.99 0.00 | 46.02 2.88 0.00 | 43.70 2.83 -0.71 | 43.70 3.12 -0.13 | 44.35 3.05 -1.76 | 43.62 3.08 -0.09 | 43.49 3.09 1.02 | 41.76 2.88 -1.51 | 44.18 3.14 0.00 | 42.65 3.07 0.00 | 41.23 2.96 0.00 | 43.09 3.14 0.00 | 40.20 2.90 0.00 | 41.15 2.76 0.00 | 36.60 2.45 0.00 | 34.38 2.10 0.00 | 30.40 1.81 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 31.97 0.71 0.00 | 29.55 0.65 0.00 | 28.23 0.80 0.00 | 29.00 0.87 0.00 | 27.60 0.82 0.00 | 19.38 0.63 0.00 | 39.52 1.63 0.00 | 47.31 2.25 0.00 | 45.30 2.16 0.00 | 42.08 1.92 0.00 | 42.28 1.83 0.00 | 41.23 1.68 0.00 | 42.16 1.72 0.00 | 42.89 1.76 0.29 | 38.92 1.55 0.00 | 42.67 1.63 0.00 | 41.18 1.59 0.00 | 39.72 1.46 0.00 | 41.51 1.55 0.00 | 38.80 1.50 0.00 | 39.80 1.41 0.00 | 35.34 1.18 0.00 | 33.46 1.19 0.00 | 30.08 1.50 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 32.04 0.78 0.00 | 29.59 0.69 0.00 | 28.22 0.79 0.00 | 28.94 0.81 0.00 | 27.55 0.77 0.00 | 19.32 0.56 0.00 | 39.47 1.58 0.00 | 47.32 2.25 0.00 | 45.30 2.16 0.00 | 42.10 1.93 0.00 | 42.15 1.69 0.00 | 41.13 1.58 0.00 | 42.08 1.63 0.00 | 42.76 1.67 0.32 | 38.75 1.37 0.00 | 42.51 1.46 0.00 | 41.02 1.43 0.00 | 39.60 1.33 0.00 | 41.36 1.40 0.00 | 38.64 1.34 0.00 | 39.76 1.37 0.00 | 35.34 1.19 0.00 | 33.44 1.17 0.00 | 29.83 1.25 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 32.26 1.00 0.00 | 29.82 0.91 0.00 | 28.47 1.04 0.00 | 29.23 1.10 0.00 | 27.83 1.05 0.00 | 19.53 0.78 0.00 | 39.85 1.97 0.00 | 47.74 2.68 0.00 | 45.74 2.60 0.00 | 42.47 2.31 0.00 | 42.63 2.17 0.00 | 41.55 2.00 0.00 | 42.47 2.02 0.00 | 43.23 2.10 0.29 | 39.19 1.82 0.00 | 42.98 1.94 0.00 | 41.49 1.91 0.00 | 40.07 1.80 0.00 | 41.87 1.91 0.00 | 39.12 1.82 0.00 | 40.17 1.77 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.20 1.62 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 32.26 1.00 0.00 | 29.82 0.91 0.00 | 28.47 1.04 0.00 | 29.23 1.10 0.00 | 27.83 1.05 0.00 | 19.53 0.78 0.00 | 39.85 1.97 0.00 | 47.74 2.68 0.00 | 45.74 2.60 0.00 | 42.47 2.31 0.00 | 42.63 2.17 0.00 | 41.55 2.00 0.00 | 42.47 2.02 0.00 | 43.23 2.10 0.29 | 39.19 1.82 0.00 | 42.98 1.94 0.00 | 41.49 1.91 0.00 | 40.07 1.80 0.00 | 41.87 1.91 0.00 | 39.12 1.82 0.00 | 40.17 1.77 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.20 1.62 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 32.26 1.00 0.00 | 29.82 0.91 0.00 | 28.47 1.04 0.00 | 29.23 1.10 0.00 | 27.82 1.04 0.00 | 19.53 0.77 0.00 | 39.85 1.97 0.00 | 47.74 2.68 0.00 | 45.74 2.60 0.00 | 42.47 2.31 0.00 | 42.63 2.17 0.00 | 41.54 1.99 0.00 | 42.47 2.02 0.00 | 43.22 2.10 0.29 | 39.20 1.82 0.00 | 42.98 1.94 0.00 | 41.49 1.91 0.00 | 40.07 1.80 0.00 | 41.87 1.91 0.00 | 39.12 1.82 0.00 | 40.17 1.77 0.00 | 35.65 1.49 0.00 | 33.73 1.46 0.00 | 30.20 1.62 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 29.20 -2.08 -0.02 | 27.01 -2.00 -0.11 | 25.48 -2.12 -0.17 | 25.65 -2.48 0.00 | 25.25 -2.27 -0.73 | 22.84 -1.71 -5.80 | 30.53 -4.81 2.54 | 39.05 -6.01 0.00 | 37.75 -5.39 0.00 | 33.74 -4.85 1.57 | 35.76 -4.68 0.02 | 34.95 -4.39 0.21 | 35.91 -4.53 0.01 | 32.66 -4.40 4.36 | 33.78 -3.42 0.18 | 37.32 -3.72 0.00 | 36.21 -3.37 0.00 | 34.76 -3.50 0.00 | 36.07 -3.89 0.00 | 33.30 -4.00 0.00 | 35.14 -3.26 0.00 | 31.37 -2.78 0.00 | 29.59 -2.68 0.00 | 26.60 -1.99 0.00 |
| NEG WEST___LANCASTER 23811 | 31.38 0.09 -0.02 | 29.02 0.00 -0.12 | 27.29 -0.32 -0.18 | 27.43 -0.69 0.00 | 26.95 -0.63 -0.79 | 24.39 -0.64 -6.28 | 32.72 -2.40 2.77 | 42.02 -3.04 0.00 | 40.52 -2.62 0.00 | 36.04 -2.29 1.82 | 38.46 -1.98 0.02 | 37.66 -1.67 0.23 | 38.69 -1.75 0.01 | 35.70 -1.44 4.28 | 36.35 -0.83 0.19 | 40.08 -0.96 0.00 | 38.87 -0.71 0.00 | 37.32 -0.94 0.00 | 38.75 -1.21 0.00 | 35.80 -1.50 0.00 | 37.47 -0.92 0.00 | 33.26 -0.89 0.00 | 31.34 -0.94 0.00 | 28.04 -0.54 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 32.40 0.07 -1.08 | 30.00 0.06 -1.04 | 28.15 0.01 -0.71 | 28.30 -0.03 -0.20 | 28.09 -0.02 -1.32 | 29.17 -0.05 -10.47 | 37.41 -0.48 0.00 | 44.38 -0.68 0.00 | 42.56 -0.58 0.00 | 39.51 -0.50 0.15 | 40.37 -0.21 -0.13 | 39.58 -0.12 -0.15 | 41.08 -0.13 -0.76 | 39.43 -0.22 1.77 | 38.84 0.00 -1.48 | 43.35 0.05 -2.26 | 42.43 0.08 -2.77 | 38.94 0.09 -0.58 | 40.04 0.08 0.00 | 37.60 -0.07 -0.36 | 40.65 -0.02 -2.27 | 34.98 -0.07 -0.90 | 32.22 -0.14 -0.08 | 28.57 -0.09 -0.07 |
| NEG___GEN_MONROE 24207 | 30.40 -0.86 0.00 | 28.20 -0.80 -0.09 | 26.68 -0.89 -0.14 | 26.98 -1.15 0.00 | 26.43 -1.01 -0.65 | 23.18 -0.75 -5.18 | 33.82 -2.38 1.69 | 42.19 -2.87 0.00 | 40.64 -2.51 0.00 | 36.82 -2.22 1.13 | 38.44 -2.00 0.01 | 37.54 -1.82 0.19 | 38.53 -1.91 0.01 | 35.05 -1.89 4.47 | 35.92 -1.29 0.16 | 39.60 -1.44 0.00 | 38.43 -1.16 0.00 | 37.01 -1.25 0.00 | 38.51 -1.45 0.00 | 35.64 -1.67 0.00 | 37.10 -1.30 0.00 | 32.91 -1.25 0.00 | 30.95 -1.32 0.00 | 27.59 -0.99 0.00 |
| NEPA___ENERGY 23901 | 30.28 -1.01 -0.02 | 27.95 -1.07 -0.12 | 26.36 -1.25 -0.18 | 26.64 -1.49 0.00 | 26.16 -1.43 -0.81 | 24.01 -1.15 -6.40 | 31.76 -3.23 2.90 | 40.98 -4.08 0.00 | 39.49 -3.66 0.00 | 34.91 -3.34 1.92 | 37.44 -3.00 0.02 | 36.73 -2.59 0.23 | 37.65 -2.79 0.01 | 34.36 -2.80 4.25 | 35.08 -2.09 0.20 | 38.89 -2.15 0.00 | 37.53 -2.05 0.00 | 36.32 -1.95 0.00 | 37.86 -2.10 0.00 | 34.92 -2.39 0.00 | 36.47 -1.92 0.00 | 32.39 -1.77 0.00 | 30.59 -1.68 0.00 | 27.29 -1.30 0.00 |
| NEVERSINK___HYD 23608 | 33.01 1.75 0.00 | 30.84 1.57 -0.37 | 29.48 1.47 -0.58 | 29.64 1.51 0.00 | 30.86 1.41 -2.67 | 40.90 0.98 -21.16 | 39.76 1.87 0.00 | 47.17 2.11 0.00 | 45.11 1.97 0.00 | 41.32 1.78 0.62 | 42.55 2.20 0.10 | 40.28 2.18 1.45 | 42.61 2.23 0.07 | 41.99 2.20 1.63 | 38.18 2.05 1.24 | 43.32 2.27 0.00 | 41.86 2.28 0.00 | 40.48 2.21 0.00 | 42.36 2.40 0.00 | 39.46 2.16 0.00 | 40.41 2.02 0.00 | 35.92 1.76 0.00 | 33.75 1.48 0.00 | 29.87 1.29 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 32.49 1.23 0.00 | 30.90 1.20 -0.81 | 29.83 1.13 -1.27 | 29.33 1.20 0.00 | 33.68 1.20 -5.70 | 64.10 0.79 -44.55 | 39.22 1.34 0.00 | 46.33 1.27 0.00 | 44.31 1.17 0.00 | 41.71 1.04 -0.50 | 41.87 1.33 -0.08 | 41.94 1.21 -1.19 | 41.79 1.28 -0.06 | 41.76 1.25 0.91 | 39.72 1.34 -1.02 | 42.40 1.36 0.00 | 40.83 1.25 0.00 | 39.30 1.03 0.00 | 41.00 1.05 0.00 | 38.54 1.24 0.00 | 39.46 1.07 0.00 | 35.15 0.99 0.00 | 33.20 0.92 0.00 | 29.38 0.79 0.00 |
| NEWTON___FALLS_HYD 23847 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.32 0.24 1.33 | 37.45 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.18 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| NGRID_A1_DSASP 323792 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 34.82 -5.25 0.39 | 33.15 -4.97 1.43 | 33.40 -5.10 1.95 | 27.79 -4.99 8.63 | 28.84 -3.93 4.61 | 31.08 -4.25 5.71 | 28.93 -3.97 6.68 | 32.72 -4.12 1.43 | 35.43 -4.53 0.00 | 31.84 -4.59 0.88 | 28.82 -4.04 5.54 | 28.35 -3.61 2.20 | 28.63 -3.44 0.20 | 25.79 -2.61 0.18 |

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| NGRID_A2_DSASP 323793 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 34.82 -5.25 0.39 | 33.15 -4.97 1.43 | 33.40 -5.10 1.95 | 27.79 -4.99 8.63 | 28.84 -3.93 4.61 | 31.08 -4.25 5.71 | 28.93 -3.97 6.68 | 32.72 -4.12 1.43 | 35.43 -4.53 0.00 | 31.84 -4.59 0.88 | 28.82 -4.04 5.54 | 28.35 -3.61 2.20 | 28.63 -3.44 0.20 | 25.79 -2.61 0.18 |
| NGRID_A4_DSASP 323807 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 34.82 -5.25 0.39 | 33.15 -4.97 1.43 | 33.40 -5.10 1.95 | 27.79 -4.99 8.63 | 28.84 -3.93 4.61 | 31.08 -4.25 5.71 | 28.93 -3.97 6.68 | 32.72 -4.12 1.43 | 35.43 -4.53 0.00 | 31.84 -4.59 0.88 | 28.82 -4.04 5.54 | 28.35 -3.61 2.20 | 28.63 -3.44 0.20 | 25.79 -2.61 0.18 |
| NIAGARA_115E_LBMP 323715 | 26.35 -2.44 2.47 | 24.69 -2.34 1.87 | 24.24 -2.39 0.80 | 24.91 -2.75 0.46 | 24.99 -2.53 -0.74 | 22.71 -1.91 -5.86 | 30.29 -5.16 2.44 | 38.54 -6.52 0.00 | 37.26 -5.88 0.00 | 33.29 -5.27 1.61 | 34.92 -5.15 0.38 | 33.27 -4.87 1.40 | 33.52 -5.03 1.90 | 27.91 -4.97 8.53 | 28.95 -3.91 4.51 | 31.23 -4.23 5.58 | 29.16 -3.90 6.52 | 32.88 -4.00 1.39 | 35.58 -4.38 0.00 | 31.97 -4.48 0.85 | 29.09 -3.90 5.41 | 28.55 -3.46 2.15 | 28.79 -3.28 0.20 | 25.92 -2.49 0.17 |
| NIAGARA_115W_LBMP 323714 | 26.45 -2.29 2.53 | 24.80 -2.19 1.91 | 24.31 -2.30 0.82 | 24.98 -2.68 0.47 | 25.05 -2.47 -0.74 | 22.73 -1.88 -5.86 | 30.29 -5.15 2.45 | 38.33 -6.73 0.00 | 37.05 -6.09 0.00 | 33.07 -5.49 1.60 | 34.73 -5.34 0.39 | 33.05 -5.07 1.43 | 33.31 -5.20 1.95 | 27.70 -5.08 8.63 | 28.75 -4.01 4.61 | 31.00 -4.33 5.71 | 28.84 -4.06 6.67 | 32.64 -4.21 1.43 | 35.33 -4.63 0.00 | 31.76 -4.67 0.88 | 28.73 -4.12 5.54 | 28.27 -3.69 2.20 | 28.55 -3.52 0.20 | 25.73 -2.68 0.18 |
| NIAGARA_230_LBMP 323716 | 26.69 -2.05 2.52 | 25.03 -1.97 1.91 | 24.52 -2.09 0.82 | 25.24 -2.42 0.47 | 25.28 -2.24 -0.73 | 22.86 -1.72 -5.83 | 30.67 -4.80 2.41 | 39.04 -6.02 0.00 | 37.72 -5.42 0.00 | 33.70 -4.88 1.58 | 35.37 -4.70 0.39 | 33.70 -4.43 1.43 | 33.94 -4.56 1.94 | 28.33 -4.46 8.63 | 29.30 -3.46 4.61 | 31.58 -3.76 5.70 | 29.46 -3.46 6.67 | 33.24 -3.61 1.43 | 35.98 -3.98 0.00 | 32.34 -4.09 0.87 | 29.33 -3.54 5.53 | 28.78 -3.17 2.20 | 29.03 -3.04 0.20 | 26.12 -2.29 0.18 |
| NIAGARA__115KV_198_GIBSON 55903 | 29.02 -2.27 -0.03 | 26.85 -2.16 -0.11 | 25.30 -2.30 -0.17 | 25.45 -2.68 0.00 | 25.07 -2.45 -0.74 | 22.75 -1.87 -5.86 | 30.30 -5.14 2.45 | 38.33 -6.73 0.00 | 37.04 -6.10 0.00 | 33.05 -5.51 1.60 | 35.09 -5.36 0.02 | 34.27 -5.07 0.21 | 35.25 -5.19 0.01 | 32.01 -5.05 4.36 | 33.21 -3.98 0.18 | 36.77 -4.27 0.00 | 35.60 -3.99 0.00 | 34.09 -4.18 0.00 | 35.34 -4.62 0.00 | 32.65 -4.65 0.00 | 34.32 -4.08 0.00 | 30.49 -3.67 0.00 | 28.74 -3.53 0.00 | 25.89 -2.69 0.00 |
| NIAGARA____ 23760 | 26.72 -2.05 2.49 | 25.05 -1.97 1.88 | 24.54 -2.09 0.81 | 25.24 -2.42 0.46 | 25.28 -2.24 -0.74 | 22.89 -1.72 -5.86 | 30.66 -4.80 2.42 | 39.04 -6.02 0.00 | 37.72 -5.42 0.00 | 33.69 -4.88 1.59 | 35.37 -4.70 0.39 | 33.70 -4.43 1.42 | 33.95 -4.56 1.93 | 28.36 -4.46 8.60 | 29.33 -3.46 4.58 | 31.62 -3.76 5.66 | 29.50 -3.46 6.63 | 33.25 -3.61 1.42 | 35.98 -3.98 0.00 | 32.35 -4.09 0.87 | 29.36 -3.54 5.50 | 28.80 -3.17 2.18 | 29.03 -3.04 0.20 | 26.12 -2.29 0.18 |
| NINE_MILE_1 23575 | 29.98 -1.27 0.00 | 27.79 -1.17 -0.06 | 26.41 -1.11 -0.09 | 26.96 -1.17 0.00 | 26.10 -1.09 -0.41 | 21.28 -0.74 -3.27 | 36.10 -1.79 0.00 | 42.89 -2.18 0.00 | 41.11 -2.04 0.00 | 38.24 -1.87 0.05 | 38.70 -1.75 0.01 | 37.73 -1.69 0.12 | 38.69 -1.76 0.01 | 34.33 -1.86 5.23 | 35.74 -1.53 0.10 | 39.36 -1.68 0.00 | 38.03 -1.55 0.00 | 36.78 -1.49 0.00 | 38.39 -1.57 0.00 | 35.77 -1.53 0.00 | 36.86 -1.54 0.00 | 32.78 -1.37 0.00 | 30.93 -1.34 0.00 | 27.45 -1.13 0.00 |
| NINE_MILE_2 23744 | 29.99 -1.27 0.00 | 27.79 -1.17 -0.06 | 26.41 -1.11 -0.09 | 26.96 -1.17 0.00 | 26.10 -1.09 -0.41 | 21.27 -0.74 -3.26 | 36.10 -1.79 0.00 | 42.89 -2.18 0.00 | 41.11 -2.04 0.00 | 38.25 -1.86 0.05 | 38.70 -1.75 0.01 | 37.74 -1.68 0.12 | 38.69 -1.75 0.01 | 34.32 -1.86 5.24 | 35.74 -1.53 0.10 | 39.36 -1.68 0.00 | 38.04 -1.55 0.00 | 36.78 -1.49 0.00 | 38.39 -1.56 0.00 | 35.78 -1.52 0.00 | 36.86 -1.53 0.00 | 32.79 -1.37 0.00 | 30.94 -1.34 0.00 | 27.45 -1.13 0.00 |
| NM_CAPITAL____DRP 24208 | 32.46 1.20 0.00 | 30.87 1.17 -0.80 | 29.79 1.10 -1.26 | 29.30 1.17 0.00 | 33.61 1.18 -5.65 | 63.69 0.77 -44.16 | 39.18 1.29 0.00 | 46.27 1.21 0.00 | 44.25 1.10 0.00 | 41.66 0.99 -0.51 | 41.87 1.33 -0.09 | 41.97 1.22 -1.20 | 41.79 1.28 -0.06 | 41.76 1.25 0.91 | 39.71 1.30 -1.03 | 42.40 1.35 0.00 | 40.80 1.22 0.00 | 39.25 0.98 0.00 | 40.99 1.03 0.00 | 38.52 1.22 0.00 | 39.48 1.08 0.00 | 35.14 0.98 0.00 | 33.20 0.92 0.00 | 29.38 0.79 0.00 |
| NM_CENTRAL____DRP 24181 | 30.55 -0.71 0.00 | 28.31 -0.66 -0.07 | 26.90 -0.64 -0.11 | 27.42 -0.70 0.00 | 26.67 -0.63 -0.52 | 22.48 -0.42 -4.14 | 36.69 -1.20 0.00 | 43.59 -1.47 0.00 | 41.80 -1.35 0.00 | 38.90 -1.20 0.07 | 39.42 -1.03 0.01 | 38.44 -0.96 0.15 | 39.43 -1.01 0.01 | 36.09 -1.14 4.19 | 36.45 -0.79 0.13 | 40.16 -0.88 0.00 | 38.85 -0.74 0.00 | 37.56 -0.71 0.00 | 39.18 -0.78 0.00 | 36.49 -0.82 0.00 | 37.58 -0.82 0.00 | 33.38 -0.77 0.00 | 31.47 -0.81 0.00 | 27.90 -0.69 0.00 |
| NM_FRONTIER____DRP 24179 | 29.02 -2.27 -0.03 | 26.85 -2.16 -0.11 | 25.30 -2.30 -0.17 | 25.45 -2.68 0.00 | 25.07 -2.45 -0.74 | 22.75 -1.87 -5.86 | 30.30 -5.14 2.45 | 38.33 -6.73 0.00 | 37.04 -6.10 0.00 | 33.05 -5.51 1.60 | 35.09 -5.36 0.02 | 34.27 -5.07 0.21 | 35.25 -5.19 0.01 | 32.01 -5.05 4.36 | 33.21 -3.98 0.18 | 36.77 -4.27 0.00 | 35.60 -3.99 0.00 | 34.09 -4.18 0.00 | 35.34 -4.62 0.00 | 32.65 -4.65 0.00 | 34.32 -4.08 0.00 | 30.49 -3.67 0.00 | 28.74 -3.53 0.00 | 25.89 -2.69 0.00 |
| NM_ST_REGIS____HYD 24053 | 31.80 0.54 0.00 | 29.30 0.40 0.00 | 27.87 0.44 0.00 | 28.56 0.43 0.00 | 27.11 0.33 0.00 | 18.90 0.12 -0.02 | 38.71 0.83 0.00 | 46.56 1.49 0.00 | 44.54 1.40 0.00 | 41.40 1.24 0.00 | 41.31 0.85 0.00 | 40.30 0.75 0.00 | 41.28 0.83 0.00 | 41.68 0.93 0.66 | 37.95 0.58 0.00 | 41.63 0.59 0.00 | 40.00 0.42 0.00 | 38.63 0.36 0.00 | 40.27 0.31 0.00 | 37.61 0.31 0.00 | 38.96 0.57 0.00 | 34.89 0.73 0.00 | 33.08 0.81 0.00 | 29.35 0.77 0.00 |
| NORTHPORT____1 23551 | 98.23 3.26 -63.72 | 32.61 3.03 -0.68 | 31.22 2.83 -0.96 | 31.04 2.89 -0.02 | 39.13 2.73 -9.62 | 81.43 1.82 -60.86 | 73.09 3.54 -31.67 | 90.45 3.83 -41.56 | 122.17 3.73 -75.29 | 76.48 3.34 -32.98 | 61.02 3.85 -16.71 | 74.69 3.81 -31.33 | 92.28 3.98 -47.86 | 98.06 3.98 -52.66 | 77.00 3.68 -35.95 | 83.68 4.01 -38.63 | 101.87 3.77 -58.52 | 132.91 3.64 -91.00 | 131.56 3.74 -87.86 | 151.69 3.55 -110.84 | 57.16 3.38 -15.38 | 68.01 3.09 -30.77 | 69.67 2.89 -34.51 | 79.73 2.56 -48.59 |
| NORTHPORT____2 23552 | 98.23 3.26 -63.72 | 32.61 3.03 -0.68 | 31.22 2.83 -0.96 | 31.04 2.89 -0.02 | 39.13 2.73 -9.62 | 81.43 1.82 -60.86 | 73.09 3.54 -31.67 | 90.45 3.83 -41.56 | 122.17 3.73 -75.29 | 76.48 3.34 -32.98 | 61.02 3.85 -16.71 | 74.69 3.81 -31.33 | 92.28 3.98 -47.86 | 98.06 3.98 -52.66 | 77.00 3.68 -35.95 | 83.68 4.01 -38.63 | 101.87 3.77 -58.52 | 132.91 3.64 -91.00 | 131.56 3.74 -87.86 | 151.69 3.55 -110.84 | 57.16 3.38 -15.38 | 68.01 3.09 -30.77 | 69.67 2.89 -34.51 | 79.73 2.56 -48.59 |

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| NORTHPORT___3 23553 | 97.78 3.04 -63.48 | 32.41 2.83 -0.68 | 31.02 2.64 -0.96 | 30.84 2.70 -0.02 | 38.93 2.55 -9.60 | 81.17 1.70 -60.72 | 72.73 3.27 -31.57 | 90.24 3.50 -41.67 | 121.67 3.37 -75.16 | 76.13 3.09 -32.89 | 60.79 3.61 -16.72 | 74.41 3.55 -31.31 | 91.93 3.69 -47.80 | 97.69 3.66 -52.62 | 76.66 3.42 -35.87 | 83.40 3.62 -38.74 | 101.68 3.43 -58.67 | 132.86 3.26 -91.32 | 131.57 3.40 -88.21 | 151.47 3.21 -110.95 | 56.83 3.09 -15.35 | 67.66 2.84 -30.65 | 69.27 2.62 -34.38 | 79.45 2.35 -48.51 |
| NORTHPORT___4 23650 | 97.78 3.04 -63.48 | 32.41 2.83 -0.68 | 31.02 2.64 -0.96 | 30.84 2.70 -0.02 | 38.93 2.55 -9.60 | 81.17 1.70 -60.72 | 72.73 3.27 -31.57 | 90.24 3.50 -41.67 | 121.67 3.37 -75.16 | 76.13 3.09 -32.89 | 60.79 3.61 -16.72 | 74.41 3.55 -31.31 | 91.93 3.69 -47.80 | 97.69 3.66 -52.62 | 76.66 3.42 -35.87 | 83.40 3.62 -38.74 | 101.68 3.43 -58.67 | 132.86 3.26 -91.32 | 131.57 3.40 -88.21 | 151.47 3.21 -110.95 | 56.83 3.09 -15.35 | 67.66 2.84 -30.65 | 69.27 2.62 -34.38 | 79.45 2.35 -48.51 |
| NORTHPORT___IC 23718 | 98.23 3.26 -63.72 | 32.61 3.03 -0.68 | 31.22 2.83 -0.96 | 31.04 2.89 -0.02 | 39.13 2.73 -9.62 | 81.43 1.82 -60.86 | 73.09 3.54 -31.67 | 90.45 3.83 -41.56 | 122.17 3.73 -75.29 | 76.48 3.34 -32.98 | 61.02 3.85 -16.71 | 74.69 3.81 -31.33 | 92.28 3.98 -47.86 | 98.06 3.98 -52.66 | 77.00 3.68 -35.95 | 83.68 4.01 -38.63 | 101.87 3.77 -58.52 | 132.91 3.64 -91.00 | 131.56 3.74 -87.86 | 151.69 3.55 -110.84 | 57.16 3.38 -15.38 | 68.01 3.09 -30.77 | 69.67 2.89 -34.51 | 79.73 2.56 -48.59 |
| NORTH___COUNTRY_ESR 323785 | 31.93 0.67 0.00 | 29.48 0.58 0.00 | 28.11 0.68 0.00 | 28.83 0.71 0.00 | 27.44 0.65 0.00 | 19.24 0.49 0.00 | 39.32 1.43 0.00 | 47.14 2.07 0.00 | 45.12 1.98 0.00 | 41.93 1.77 0.00 | 42.00 1.54 0.00 | 40.97 1.42 0.00 | 41.92 1.47 0.00 | 42.63 1.54 0.32 | 38.60 1.23 0.00 | 42.35 1.30 0.00 | 40.84 1.26 0.00 | 39.43 1.16 0.00 | 41.17 1.22 0.00 | 38.47 1.17 0.00 | 39.59 1.19 0.00 | 35.19 1.03 0.00 | 33.31 1.04 0.00 | 29.73 1.15 0.00 |
| NPX_GEN_1385_PROXY 323591 | 116.04 3.72 -81.07 | 56.12 3.45 -23.76 | 31.61 3.23 -0.96 | 31.44 3.30 -0.02 | 40.24 3.12 -10.34 | 81.70 2.08 -60.86 | 73.62 4.07 -31.67 | 91.07 4.45 -41.56 | 127.73 4.10 -80.49 | 85.91 3.61 -42.14 | 61.59 4.42 -16.71 | 77.63 4.37 -33.70 | 92.84 4.53 -47.86 | 98.64 4.56 -52.66 | 77.54 4.22 -35.95 | 87.13 4.59 -41.49 | 105.01 4.21 -61.22 | 133.43 4.16 -91.00 | 134.49 3.92 -90.62 | 151.96 3.82 -110.84 | 57.29 3.52 -15.38 | 68.18 3.26 -30.77 | 70.13 3.35 -34.51 | 80.15 2.98 -48.59 |
| NPX_GEN_CSC 323557 | 98.52 3.91 -63.35 | 33.20 3.62 -0.68 | 31.80 3.42 -0.95 | 31.65 3.51 -0.02 | 40.40 3.32 -10.30 | 81.59 2.21 -60.63 | 73.66 4.45 -31.33 | 91.75 4.95 -41.74 | 127.82 4.78 -79.90 | 86.20 4.06 -41.98 | 61.60 4.42 -16.72 | 77.58 4.35 -33.68 | 92.82 4.64 -47.74 | 98.77 4.88 -52.48 | 77.74 4.54 -35.82 | 87.64 5.02 -41.59 | 105.91 4.92 -61.40 | 134.63 4.86 -91.50 | 136.14 5.05 -91.13 | 153.05 4.72 -111.03 | 58.19 4.55 -15.25 | 68.60 4.05 -30.39 | 70.14 3.67 -34.20 | 80.24 3.22 -48.44 |
| NSINS_S_GLNS_FALLS 23858 | 32.98 1.72 0.00 | 31.60 1.62 -1.08 | 30.63 1.51 -1.69 | 29.88 1.75 0.00 | 36.15 1.74 -7.62 | 79.31 1.30 -59.26 | 40.14 2.26 0.00 | 47.63 2.56 0.00 | 45.40 2.25 0.00 | 42.50 1.84 -0.50 | 42.81 2.27 -0.08 | 43.05 2.34 -1.17 | 42.73 2.23 -0.06 | 42.77 2.25 0.90 | 40.60 2.23 -1.00 | 43.29 2.24 0.00 | 41.80 2.21 0.00 | 40.36 2.09 0.00 | 42.04 2.08 0.00 | 39.18 1.87 0.00 | 40.24 1.85 0.00 | 35.61 1.45 0.00 | 33.57 1.29 0.00 | 29.70 1.12 0.00 |
| NUCOR_STEEL___DRP 24197 | 31.12 -0.14 0.00 | 28.90 -0.09 -0.09 | 27.46 -0.12 -0.14 | 27.83 -0.30 0.00 | 27.17 -0.25 -0.64 | 23.78 -0.07 -5.09 | 38.10 -0.66 -0.88 | 44.20 -0.86 0.00 | 42.41 -0.74 0.00 | 40.00 -0.65 -0.49 | 39.99 -0.46 0.01 | 38.97 -0.39 0.18 | 39.99 -0.45 0.01 | 36.54 -0.52 4.36 | 36.97 -0.24 0.16 | 40.78 -0.26 0.00 | 39.45 -0.13 0.00 | 38.16 -0.11 0.00 | 39.93 -0.03 0.00 | 37.05 -0.25 0.00 | 38.28 -0.11 0.00 | 34.04 -0.12 0.00 | 32.08 -0.19 0.00 | 28.41 -0.18 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 31.69 0.43 0.00 | 29.21 0.30 0.00 | 27.74 0.31 0.00 | 28.45 0.33 0.00 | 27.11 0.33 0.00 | 19.03 0.21 -0.06 | 38.55 0.66 0.00 | 46.11 1.05 0.00 | 43.93 0.79 0.00 | 40.94 0.77 0.00 | 41.31 0.85 0.00 | 40.36 0.81 0.00 | 41.32 0.87 0.00 | 40.59 0.93 1.76 | 38.21 0.84 0.00 | 41.93 0.89 0.00 | 40.44 0.85 0.00 | 39.05 0.79 0.00 | 40.64 0.69 0.00 | 37.92 0.62 0.00 | 39.15 0.76 0.00 | 34.84 0.68 0.00 | 32.87 0.60 0.00 | 29.01 0.43 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 31.26 0.00 0.00 | 28.90 0.00 0.00 | 27.43 0.00 0.00 | 28.13 0.00 0.00 | 26.78 0.00 0.00 | 18.75 0.00 0.00 | 37.89 0.00 0.00 | 45.06 0.00 0.00 | 43.14 0.00 0.00 | 40.16 0.00 0.00 | 40.46 0.00 0.00 | 39.55 0.00 0.00 | 40.45 0.00 0.00 | 41.41 0.00 0.00 | 37.37 0.00 0.00 | 41.04 0.00 0.00 | 39.58 0.00 0.00 | 38.27 0.00 0.00 | 39.96 0.00 0.00 | 37.30 0.00 0.00 | 38.40 0.00 0.00 | 34.16 0.00 0.00 | 32.27 0.00 0.00 | 28.58 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 97.79 3.61 -62.92 | 32.91 3.33 -0.68 | 31.50 3.12 -0.95 | 31.33 3.18 -0.02 | 39.33 3.01 -9.54 | 81.13 2.03 -60.35 | 72.79 3.99 -30.91 | 91.13 4.13 -41.95 | 121.40 4.26 -74.00 | 76.61 3.79 -32.65 | 61.39 4.20 -16.73 | 75.09 4.27 -31.27 | 92.52 4.48 -47.59 | 98.13 4.43 -52.28 | 77.00 3.94 -35.68 | 84.31 4.43 -38.84 | 102.62 4.12 -58.92 | 134.26 3.91 -92.09 | 132.99 4.04 -88.99 | 152.39 3.84 -111.24 | 57.33 3.84 -15.09 | 67.59 3.49 -29.94 | 69.41 3.31 -33.83 | 79.76 2.92 -48.26 |
| NYPA_GOWANUS___GT5 24156 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.34 0.00 | 47.57 2.50 0.00 | 45.52 2.38 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.73 2.47 0.00 | 42.59 2.63 0.00 | 39.82 2.51 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NYPA_GOWANUS___GT6 24157 | 33.65 2.39 0.00 | 31.50 2.22 -0.39 | 30.13 2.09 -0.61 | 30.21 2.08 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.34 0.00 | 47.57 2.50 0.00 | 45.52 2.38 0.00 | 43.94 2.24 -1.55 | 43.52 2.80 -0.26 | 45.84 2.66 -3.63 | 43.31 2.68 -0.18 | 43.38 2.66 0.70 | 42.94 2.46 -3.11 | 43.69 2.65 0.00 | 42.15 2.56 0.00 | 40.73 2.47 0.00 | 42.59 2.63 0.00 | 39.82 2.51 0.00 | 40.83 2.44 0.00 | 36.44 2.28 0.00 | 34.19 1.92 0.00 | 30.26 1.67 0.00 |
| NYPA_HARLEM__RVR_GT1 24160 | 33.50 2.24 0.00 | 31.31 2.02 -0.39 | 29.90 1.86 -0.61 | 30.00 1.87 0.00 | 31.36 1.75 -2.82 | 42.33 1.19 -22.39 | 40.13 2.25 0.01 | 47.51 2.44 0.00 | 45.57 2.43 0.00 | 43.93 2.22 -1.55 | 43.46 2.74 -0.26 | 45.84 2.66 -3.63 | 43.33 2.70 -0.18 | 43.31 2.60 0.70 | 42.89 2.40 -3.11 | 43.62 2.58 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.53 0.00 | 39.78 2.47 0.00 | 40.63 2.24 0.00 | 36.26 2.10 0.00 | 33.99 1.71 0.00 | 30.07 1.48 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 33.50 2.24 0.00 | 31.31 2.02 -0.39 | 29.90 1.86 -0.61 | 30.00 1.87 0.00 | 31.36 1.75 -2.82 | 42.33 1.19 -22.39 | 40.13 2.25 0.01 | 47.51 2.44 0.00 | 45.57 2.43 0.00 | 43.93 2.22 -1.55 | 43.46 2.74 -0.26 | 45.84 2.66 -3.63 | 43.33 2.70 -0.18 | 43.31 2.60 0.70 | 42.89 2.40 -3.11 | 43.62 2.58 0.00 | 42.07 2.48 0.00 | 40.70 2.43 0.00 | 42.49 2.53 0.00 | 39.78 2.47 0.00 | 40.63 2.24 0.00 | 36.26 2.10 0.00 | 33.99 1.71 0.00 | 30.07 1.48 0.00 |

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| NYPA_KENT____GT 24152 | 33.63 2.37 0.00 | 31.48 2.19 -0.39 | 30.11 2.07 -0.61 | 30.20 2.07 0.00 | 31.54 1.94 -2.82 | 42.45 1.31 -22.39 | 40.23 2.34 0.00 | 47.57 2.50 0.00 | 45.55 2.40 0.00 | 43.97 2.26 -1.55 | 43.52 2.80 -0.26 | 45.88 2.70 -3.63 | 43.34 2.72 -0.18 | 43.40 2.69 0.70 | 42.97 2.49 -3.11 | 43.72 2.68 0.00 | 42.16 2.58 0.00 | 40.75 2.48 0.00 | 42.58 2.62 0.00 | 39.80 2.50 0.00 | 40.79 2.40 0.00 | 36.38 2.22 0.00 | 34.14 1.87 0.00 | 30.21 1.63 0.00 |
| NYPA_POUCH1____GT 24155 | 33.68 2.42 0.00 | 31.54 2.26 -0.39 | 30.17 2.13 -0.61 | 30.19 2.06 0.00 | 31.52 1.92 -2.82 | 42.43 1.29 -22.39 | 40.17 2.28 0.00 | 47.47 2.41 0.00 | 45.41 2.27 0.00 | 43.81 2.11 -1.55 | 43.40 2.69 -0.26 | 45.68 2.50 -3.63 | 43.15 2.53 -0.18 | 43.22 2.51 0.70 | 42.77 2.29 -3.11 | 43.49 2.45 0.00 | 42.00 2.42 0.00 | 40.62 2.35 0.00 | 42.49 2.53 0.00 | 39.75 2.44 0.00 | 40.77 2.37 0.00 | 36.44 2.28 0.00 | 34.20 1.93 0.00 | 30.27 1.68 0.00 |
| NYPA_VERNON____GT2 24162 | 33.61 2.35 0.00 | 31.46 2.17 -0.39 | 30.09 2.05 -0.61 | 30.20 2.07 0.00 | 31.54 1.94 -2.82 | 42.46 1.31 -22.39 | 40.26 2.38 0.00 | 47.60 2.54 0.00 | 45.61 2.47 0.00 | 44.03 2.33 -1.55 | 43.54 2.82 -0.26 | 45.91 2.73 -3.63 | 43.37 2.74 -0.18 | 43.44 2.73 0.70 | 43.01 2.53 -3.11 | 43.77 2.73 0.00 | 42.21 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.65 0.00 | 39.80 2.50 0.00 | 40.75 2.36 0.00 | 36.32 2.16 0.00 | 34.09 1.82 0.00 | 30.16 1.58 0.00 |
| NYPA_VERNON____GT3 24163 | 33.61 2.35 0.00 | 31.46 2.17 -0.39 | 30.09 2.05 -0.61 | 30.20 2.07 0.00 | 31.54 1.94 -2.82 | 42.46 1.31 -22.39 | 40.26 2.38 0.00 | 47.60 2.54 0.00 | 45.61 2.47 0.00 | 44.03 2.33 -1.55 | 43.54 2.82 -0.26 | 45.91 2.73 -3.63 | 43.37 2.74 -0.18 | 43.44 2.73 0.70 | 43.01 2.53 -3.11 | 43.77 2.73 0.00 | 42.21 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.65 0.00 | 39.80 2.50 0.00 | 40.75 2.36 0.00 | 36.32 2.16 0.00 | 34.09 1.82 0.00 | 30.16 1.58 0.00 |
| NYPA____ASTORIA_CC1 323568 | 33.56 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.15 2.03 0.00 | 31.50 1.90 -2.82 | 42.43 1.28 -22.39 | 40.21 2.33 0.00 | 47.53 2.47 0.00 | 45.53 2.39 0.00 | 43.95 2.25 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.91 2.43 -3.11 | 43.67 2.63 0.00 | 42.10 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.25 2.09 0.00 | 34.02 1.74 0.00 | 30.10 1.51 0.00 |
| NYPA____ASTORIA_CC2 323569 | 33.56 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.15 2.03 0.00 | 31.50 1.90 -2.82 | 42.43 1.28 -22.39 | 40.21 2.33 0.00 | 47.53 2.47 0.00 | 45.53 2.39 0.00 | 43.95 2.25 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.91 2.43 -3.11 | 43.67 2.63 0.00 | 42.10 2.52 0.00 | 40.70 2.43 0.00 | 42.51 2.55 0.00 | 39.72 2.42 0.00 | 40.68 2.28 0.00 | 36.25 2.09 0.00 | 34.02 1.74 0.00 | 30.10 1.51 0.00 |
| NYPA____HOLTSVILL 23794 | 98.15 3.50 -63.39 | 32.81 3.23 -0.68 | 31.43 3.05 -0.95 | 31.26 3.12 -0.02 | 39.31 2.94 -9.59 | 81.36 1.95 -60.65 | 73.12 3.88 -31.36 | 91.02 4.25 -41.72 | 122.05 4.15 -74.76 | 76.67 3.66 -32.85 | 61.24 4.06 -16.72 | 74.88 4.02 -31.31 | 92.43 4.23 -47.75 | 98.25 4.34 -52.50 | 77.22 4.01 -35.84 | 84.17 4.41 -38.72 | 102.51 4.24 -58.68 | 133.85 4.14 -91.45 | 132.57 4.28 -88.32 | 152.34 4.03 -111.01 | 57.52 3.87 -15.26 | 68.07 3.48 -30.43 | 69.70 3.20 -34.23 | 79.85 2.81 -48.45 |
| NYPA____HELLGATE_GT1 24158 | 33.50 2.24 0.00 | 31.30 2.01 -0.39 | 29.88 1.85 -0.61 | 29.96 1.84 0.00 | 31.33 1.73 -2.82 | 42.31 1.17 -22.39 | 40.10 2.22 0.01 | 47.48 2.42 0.00 | 45.57 2.43 0.00 | 43.92 2.22 -1.55 | 43.44 2.72 -0.26 | 45.82 2.64 -3.63 | 43.35 2.72 -0.18 | 43.32 2.61 0.70 | 42.90 2.42 -3.11 | 43.63 2.59 0.00 | 42.08 2.50 0.00 | 40.71 2.44 0.00 | 42.49 2.53 0.00 | 39.79 2.48 0.00 | 40.63 2.23 0.00 | 36.26 2.10 0.00 | 33.98 1.71 0.00 | 30.07 1.48 0.00 |
| NYPA____HELLGATE_GT2 24159 | 33.50 2.24 0.00 | 31.30 2.01 -0.39 | 29.88 1.85 -0.61 | 29.96 1.84 0.00 | 31.33 1.73 -2.82 | 42.31 1.17 -22.39 | 40.10 2.22 0.01 | 47.48 2.42 0.00 | 45.57 2.43 0.00 | 43.92 2.22 -1.55 | 43.44 2.72 -0.26 | 45.82 2.64 -3.63 | 43.35 2.72 -0.18 | 43.32 2.61 0.70 | 42.90 2.42 -3.11 | 43.63 2.59 0.00 | 42.08 2.50 0.00 | 40.71 2.44 0.00 | 42.49 2.53 0.00 | 39.79 2.48 0.00 | 40.63 2.23 0.00 | 36.26 2.10 0.00 | 33.98 1.71 0.00 | 30.07 1.48 0.00 |
| NYS_BARGE____HYD 23848 | 27.01 -2.00 2.25 | 25.26 -1.94 1.69 | 24.68 -2.03 0.72 | 25.32 -2.39 0.42 | 25.32 -2.19 -0.73 | 22.86 -1.66 -5.77 | 30.90 -4.65 2.33 | 39.24 -5.83 0.00 | 37.93 -5.22 0.00 | 33.95 -4.66 1.54 | 35.60 -4.51 0.35 | 34.02 -4.23 1.29 | 34.33 -4.39 1.74 | 28.96 -4.28 8.18 | 29.93 -3.30 4.13 | 32.36 -3.59 5.10 | 30.38 -3.26 5.94 | 33.61 -3.39 1.27 | 36.21 -3.75 0.00 | 32.63 -3.90 0.78 | 30.26 -3.20 4.93 | 29.41 -2.78 1.96 | 29.43 -2.66 0.18 | 26.46 -1.96 0.16 |
| OAK_ORCHARD____HYD 24046 | 28.96 -1.06 1.24 | 26.97 -1.04 0.90 | 25.99 -1.10 0.34 | 26.62 -1.28 0.23 | 26.28 -1.15 -0.65 | 23.05 -0.86 -5.15 | 33.70 -2.53 1.66 | 42.02 -3.04 0.00 | 40.46 -2.68 0.00 | 36.67 -2.38 1.11 | 38.08 -2.18 0.20 | 36.75 -2.02 0.78 | 37.38 -2.10 0.97 | 32.70 -2.12 6.59 | 33.50 -1.52 2.36 | 36.52 -1.68 2.84 | 34.93 -1.41 3.25 | 36.09 -1.49 0.70 | 38.28 -1.68 0.00 | 35.01 -1.87 0.43 | 34.15 -1.55 2.70 | 31.63 -1.46 1.07 | 30.69 -1.48 0.10 | 27.35 -1.15 0.09 |
| OAKDALE__35_KV_LOAD 356122 | 31.32 0.06 0.00 | 29.15 0.06 -0.19 | 27.73 0.01 -0.29 | 28.11 -0.02 0.00 | 28.09 -0.02 -1.33 | 29.24 -0.05 -10.54 | 37.39 -0.49 0.00 | 44.36 -0.70 0.00 | 42.54 -0.60 0.00 | 39.50 -0.51 0.15 | 40.20 -0.23 0.03 | 39.07 -0.13 0.36 | 40.27 -0.16 0.02 | 37.69 -0.23 3.50 | 37.04 -0.03 0.30 | 41.07 0.02 0.00 | 39.62 0.04 0.00 | 38.31 0.05 0.00 | 40.00 0.04 0.00 | 37.20 -0.10 0.00 | 38.35 -0.05 0.00 | 34.06 -0.10 0.00 | 32.12 -0.15 0.00 | 28.48 -0.10 0.00 |
| OCC_CHEM____DRP 24175 | 29.08 -2.21 -0.03 | 26.91 -2.11 -0.11 | 25.36 -2.25 -0.17 | 25.50 -2.62 0.00 | 25.12 -2.40 -0.74 | 22.79 -1.83 -5.86 | 30.36 -5.08 2.45 | 38.44 -6.62 0.00 | 37.15 -5.99 0.00 | 33.14 -5.42 1.60 | 35.20 -5.25 0.02 | 34.37 -4.96 0.21 | 35.34 -5.09 0.01 | 32.12 -4.94 4.36 | 33.29 -3.90 0.18 | 36.85 -4.19 0.00 | 35.68 -3.90 0.00 | 34.17 -4.10 0.00 | 35.43 -4.53 0.00 | 32.75 -4.56 0.00 | 34.41 -3.99 0.00 | 30.57 -3.59 0.00 | 28.82 -3.46 0.00 | 25.95 -2.63 0.00 |
| OH_GEN_PROXY 24063 | 30.66 -1.98 -1.38 | 24.96 -1.90 2.04 | 24.52 -2.02 0.89 | 25.30 -2.33 0.49 | 26.08 -2.15 -1.45 | 22.87 -1.65 -5.77 | 30.98 -4.61 2.30 | 39.35 -5.72 0.00 | 49.00 -5.15 -11.01 | 43.16 -4.63 -7.64 | 35.61 -4.44 0.41 | 36.26 -4.17 -0.89 | 34.10 -4.31 2.05 | 28.33 -4.21 8.87 | 41.62 -3.24 -7.48 | 36.77 -3.53 0.74 | 53.15 -3.22 -16.79 | 33.40 -3.36 1.50 | 38.99 -3.72 -2.75 | 32.53 -3.85 0.92 | 51.53 -3.31 -16.44 | 35.51 -2.99 -4.34 | 45.92 -2.87 -16.51 | 26.21 -2.18 0.19 |
| OLIN_CORP_DRP 24177 | 28.94 -2.35 -0.03 | 26.78 -2.24 -0.11 | 25.27 -2.34 -0.17 | 25.45 -2.68 0.00 | 25.07 -2.45 -0.74 | 22.79 -1.85 -5.89 | 30.35 -5.07 2.47 | 38.67 -6.40 0.00 | 37.37 -5.78 0.00 | 33.36 -5.18 1.62 | 35.39 -5.05 0.02 | 34.57 -4.77 0.21 | 35.52 -4.92 0.01 | 32.23 -4.83 4.35 | 33.41 -3.78 0.18 | 36.93 -4.11 0.00 | 35.81 -3.77 0.00 | 34.40 -3.87 0.00 | 35.68 -4.27 0.00 | 32.94 -4.36 0.00 | 34.61 -3.78 0.00 | 30.80 -3.36 0.00 | 29.04 -3.23 0.00 | 26.14 -2.45 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OLIN_CORP_DSASP 323712 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 34.82 -5.25 0.39 | 33.15 -4.97 1.43 | 33.40 -5.10 1.95 | 27.79 -4.99 8.63 | 28.84 -3.93 4.61 | 31.08 -4.25 5.71 | 28.93 -3.97 6.68 | 32.72 -4.12 1.43 | 35.43 -4.53 0.00 | 31.84 -4.59 0.88 | 28.82 -4.04 5.54 | 28.35 -3.61 2.20 | 28.63 -3.44 0.20 | 25.79 -2.61 0.18 |
| ONEIDA_HERK_LFGE 323681 | 31.99 0.73 0.00 | 29.54 0.64 0.00 | 28.05 0.62 0.00 | 28.76 0.63 0.00 | 27.41 0.62 0.00 | 19.26 0.45 -0.05 | 38.91 1.02 0.00 | 46.41 1.34 0.00 | 44.38 1.24 0.00 | 41.35 1.19 0.00 | 41.75 1.29 0.00 | 40.78 1.23 0.00 | 41.69 1.24 0.00 | 41.24 1.27 1.44 | 38.55 1.18 0.00 | 42.33 1.29 0.00 | 40.87 1.29 0.00 | 39.53 1.26 0.00 | 41.20 1.25 0.00 | 38.43 1.13 0.00 | 39.58 1.18 0.00 | 35.16 1.00 0.00 | 33.15 0.87 0.00 | 29.26 0.68 0.00 |
| ONEIDA___115KV_TB4 55905 | 32.13 0.87 0.00 | 29.76 0.82 -0.04 | 28.27 0.77 -0.07 | 28.91 0.78 0.00 | 27.86 0.78 -0.30 | 21.72 0.57 -2.40 | 39.01 1.12 0.00 | 46.46 1.40 0.00 | 44.55 1.41 0.00 | 41.52 1.36 0.00 | 41.97 1.51 0.00 | 41.02 1.47 0.00 | 41.85 1.40 0.00 | 40.45 1.40 2.37 | 38.77 1.40 0.00 | 42.60 1.56 0.00 | 41.19 1.60 0.00 | 39.76 1.50 0.00 | 41.44 1.49 0.00 | 38.62 1.31 0.00 | 39.73 1.33 0.00 | 35.25 1.09 0.00 | 33.20 0.92 0.00 | 29.33 0.75 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 30.86 -0.40 0.00 | 28.60 -0.38 -0.08 | 27.17 -0.39 -0.13 | 27.69 -0.43 0.00 | 27.00 -0.37 -0.60 | 23.23 -0.24 -4.72 | 37.74 -0.82 -0.67 | 44.05 -1.02 0.00 | 42.25 -0.89 0.00 | 39.73 -0.79 -0.36 | 39.83 -0.61 0.01 | 38.82 -0.55 0.17 | 39.84 -0.60 0.01 | 36.49 -0.70 4.22 | 36.81 -0.42 0.15 | 40.58 -0.46 0.00 | 39.26 -0.32 0.00 | 37.97 -0.30 0.00 | 39.61 -0.34 0.00 | 36.88 -0.42 0.00 | 37.98 -0.42 0.00 | 33.74 -0.42 0.00 | 31.78 -0.49 0.00 | 28.17 -0.41 0.00 |
| ONONDAGA___COGEN 23986 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| ONTARIO___LFGE 23819 | 31.12 -0.14 0.00 | 28.80 -0.20 -0.10 | 27.31 -0.28 -0.16 | 27.73 -0.40 0.00 | 27.16 -0.34 -0.71 | 24.17 -0.24 -5.66 | 32.68 -1.23 3.98 | 43.76 -1.31 0.00 | 42.06 -1.08 0.00 | 36.37 -0.99 2.80 | 39.69 -0.75 0.02 | 38.86 -0.48 0.21 | 39.78 -0.56 0.10 | 36.27 -0.63 4.52 | 36.64 -0.32 0.42 | 40.28 -0.33 0.42 | 39.44 -0.14 0.00 | 38.17 -0.10 0.00 | 39.81 -0.15 0.00 | 36.90 -0.41 0.00 | 38.17 -0.22 0.00 | 33.93 -0.23 0.00 | 31.92 -0.35 0.00 | 28.35 -0.24 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 29.16 -1.02 1.08 | 27.08 -1.08 0.75 | 25.93 -1.27 0.24 | 26.29 -1.63 0.20 | 26.04 -1.59 -0.84 | 24.18 -1.24 -6.67 | 29.96 -3.86 4.07 | 40.47 -4.60 0.00 | 39.16 -3.98 0.00 | 33.91 -3.77 2.48 | 36.53 -3.75 0.18 | 35.34 -3.43 0.78 | 36.07 -3.50 0.88 | 32.04 -3.26 6.12 | 32.88 -2.30 2.19 | 36.16 -2.31 2.57 | 34.75 -1.95 2.88 | 35.66 -1.99 0.62 | 37.76 -2.19 0.00 | 34.51 -2.42 0.38 | 34.12 -1.88 2.40 | 31.45 -1.75 0.95 | 30.44 -1.75 0.09 | 27.20 -1.31 0.08 |
| ORANGEVILLE___ESR 323794 | 29.16 -1.02 1.08 | 27.08 -1.08 0.75 | 25.93 -1.27 0.24 | 26.29 -1.63 0.20 | 26.04 -1.59 -0.84 | 24.18 -1.24 -6.67 | 29.96 -3.86 4.07 | 40.47 -4.60 0.00 | 39.16 -3.98 0.00 | 33.91 -3.77 2.48 | 36.53 -3.75 0.18 | 35.34 -3.43 0.78 | 36.07 -3.50 0.88 | 32.04 -3.26 6.12 | 32.88 -2.30 2.19 | 36.16 -2.31 2.57 | 34.75 -1.95 2.88 | 35.66 -1.99 0.62 | 37.76 -2.19 0.00 | 34.51 -2.42 0.38 | 34.12 -1.88 2.40 | 31.45 -1.75 0.95 | 30.44 -1.75 0.09 | 27.20 -1.31 0.08 |
| OSWEGATCHIE___HYD 24044 | 31.27 0.01 0.00 | 28.80 -0.10 0.00 | 27.37 -0.06 0.00 | 28.05 -0.08 0.00 | 26.66 -0.12 0.00 | 18.64 -0.16 -0.05 | 38.00 0.11 0.00 | 45.58 0.52 0.00 | 43.52 0.38 0.00 | 40.51 0.35 0.00 | 40.62 0.16 0.00 | 39.66 0.11 0.00 | 40.62 0.17 0.00 | 40.33 0.24 1.33 | 37.46 0.08 0.00 | 41.09 0.05 0.00 | 39.54 -0.04 0.00 | 38.19 -0.08 0.00 | 39.77 -0.19 0.00 | 37.12 -0.19 0.00 | 38.44 0.04 0.00 | 34.33 0.17 0.00 | 32.47 0.20 0.00 | 28.72 0.13 0.00 |
| OSWEGO___5 23606 | 30.28 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.67 -0.86 -0.10 | 27.21 -0.92 0.00 | 26.40 -0.85 -0.47 | 21.90 -0.58 -3.73 | 36.42 -1.47 0.00 | 43.26 -1.80 0.00 | 41.47 -1.68 0.00 | 38.58 -1.52 0.06 | 39.06 -1.39 0.01 | 38.08 -1.33 0.14 | 39.05 -1.39 0.01 | 35.05 -1.48 4.88 | 36.08 -1.18 0.12 | 39.74 -1.30 0.00 | 38.42 -1.16 0.00 | 37.15 -1.12 0.00 | 38.77 -1.18 0.00 | 36.13 -1.18 0.00 | 37.22 -1.17 0.00 | 33.10 -1.05 0.00 | 31.24 -1.03 0.00 | 27.71 -0.88 0.00 |
| OSWEGO___6 23613 | 30.28 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.67 -0.86 -0.10 | 27.21 -0.92 0.00 | 26.40 -0.85 -0.47 | 21.90 -0.58 -3.73 | 36.42 -1.47 0.00 | 43.26 -1.80 0.00 | 41.47 -1.68 0.00 | 38.58 -1.52 0.06 | 39.06 -1.39 0.01 | 38.08 -1.33 0.14 | 39.05 -1.39 0.01 | 35.05 -1.48 4.88 | 36.08 -1.18 0.12 | 39.74 -1.30 0.00 | 38.42 -1.16 0.00 | 37.15 -1.12 0.00 | 38.77 -1.18 0.00 | 36.13 -1.18 0.00 | 37.22 -1.17 0.00 | 33.10 -1.05 0.00 | 31.24 -1.03 0.00 | 27.71 -0.88 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 29.86 -1.43 -0.03 | 27.61 -1.41 -0.11 | 26.02 -1.58 -0.17 | 26.17 -1.95 0.00 | 25.77 -1.76 -0.75 | 23.30 -1.37 -5.92 | 31.29 -4.09 2.51 | 39.85 -5.22 0.00 | 38.49 -4.65 0.00 | 34.35 -4.16 1.64 | 36.45 -3.99 0.02 | 35.65 -3.69 0.21 | 36.64 -3.80 0.01 | 33.42 -3.65 4.34 | 34.40 -2.79 0.18 | 37.98 -3.06 0.00 | 36.81 -2.78 0.00 | 35.34 -2.93 0.00 | 36.64 -3.32 0.00 | 33.87 -3.44 0.00 | 35.55 -2.84 0.00 | 31.67 -2.49 0.00 | 29.89 -2.38 0.00 | 26.83 -1.75 0.00 |
| OXBOW____ 24026 | 26.95 -1.78 2.52 | 25.26 -1.73 1.91 | 24.75 -1.87 0.82 | 25.42 -2.24 0.47 | 25.47 -2.05 -0.74 | 23.06 -1.58 -5.89 | 30.89 -4.52 2.48 | 39.22 -5.84 0.00 | 37.91 -5.23 0.00 | 33.85 -4.69 1.62 | 35.55 -4.52 0.39 | 33.87 -4.25 1.43 | 34.14 -4.37 1.94 | 28.55 -4.25 8.62 | 29.48 -3.29 4.61 | 31.76 -3.58 5.70 | 29.61 -3.31 6.66 | 33.40 -3.45 1.42 | 36.12 -3.84 0.00 | 32.48 -3.95 0.87 | 29.49 -3.37 5.53 | 28.98 -2.98 2.20 | 29.24 -2.84 0.20 | 26.28 -2.12 0.18 |
| OXY_CHEM_DSASP 323612 | 29.08 -2.21 -0.03 | 26.91 -2.11 -0.11 | 25.36 -2.25 -0.17 | 25.50 -2.62 0.00 | 25.12 -2.40 -0.74 | 22.79 -1.83 -5.86 | 30.36 -5.08 2.45 | 38.44 -6.62 0.00 | 37.15 -5.99 0.00 | 33.14 -5.42 1.60 | 35.20 -5.25 0.02 | 34.37 -4.96 0.21 | 35.34 -5.09 0.01 | 32.12 -4.94 4.36 | 33.29 -3.90 0.18 | 36.85 -4.19 0.00 | 35.68 -3.90 0.00 | 34.17 -4.10 0.00 | 35.43 -4.53 0.00 | 32.75 -4.56 0.00 | 34.41 -3.99 0.00 | 30.57 -3.59 0.00 | 28.82 -3.46 0.00 | 25.95 -2.63 0.00 |
| OZONE_PARK_ESR 323760 | 33.81 2.56 0.00 | 31.64 2.35 -0.39 | 30.27 2.23 -0.61 | 30.41 2.28 0.00 | 31.71 2.11 -2.82 | 42.57 1.43 -22.39 | 40.57 2.68 0.00 | 48.00 2.94 0.00 | 46.01 2.87 0.00 | 44.39 2.68 -1.55 | 43.93 3.21 -0.26 | 46.33 3.14 -3.63 | 43.76 3.13 -0.18 | 43.85 3.14 0.70 | 43.41 2.92 -3.11 | 44.22 3.17 0.00 | 42.66 3.08 0.00 | 41.23 2.96 0.00 | 43.08 3.13 0.00 | 40.20 2.90 0.00 | 41.16 2.77 0.00 | 36.64 2.49 0.00 | 34.41 2.14 0.00 | 30.46 1.87 0.00 |

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| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 29.08 -2.21 -0.03 | 26.91 -2.11 -0.11 | 25.36 -2.25 -0.17 | 25.50 -2.62 0.00 | 25.12 -2.40 -0.74 | 22.79 -1.83 -5.86 | 30.36 -5.08 2.45 | 38.44 -6.62 0.00 | 37.15 -5.99 0.00 | 33.14 -5.42 1.60 | 35.20 -5.25 0.02 | 34.37 -4.96 0.21 | 35.34 -5.09 0.01 | 32.12 -4.94 4.36 | 33.29 -3.90 0.18 | 36.85 -4.19 0.00 | 35.68 -3.90 0.00 | 34.17 -4.10 0.00 | 35.43 -4.53 0.00 | 32.75 -4.56 0.00 | 34.41 -3.99 0.00 | 30.57 -3.59 0.00 | 28.82 -3.46 0.00 | 25.95 -2.63 0.00 |
| PACKARD__115KV_DUPONT_184 80571 | 29.08 -2.21 -0.03 | 26.91 -2.11 -0.11 | 25.36 -2.25 -0.17 | 25.50 -2.62 0.00 | 25.12 -2.40 -0.74 | 22.79 -1.83 -5.86 | 30.36 -5.08 2.45 | 38.44 -6.62 0.00 | 37.15 -5.99 0.00 | 33.14 -5.42 1.60 | 35.20 -5.25 0.02 | 34.37 -4.96 0.21 | 35.34 -5.09 0.01 | 32.12 -4.94 4.36 | 33.29 -3.90 0.18 | 36.85 -4.19 0.00 | 35.68 -3.90 0.00 | 34.17 -4.10 0.00 | 35.43 -4.53 0.00 | 32.75 -4.56 0.00 | 34.41 -3.99 0.00 | 30.57 -3.59 0.00 | 28.82 -3.46 0.00 | 25.95 -2.63 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 33.49 2.23 0.00 | 31.31 2.02 -0.39 | 29.93 1.89 -0.61 | 30.06 1.93 0.00 | 31.38 1.77 -2.82 | 42.34 1.20 -22.39 | 40.21 2.32 0.00 | 47.60 2.53 0.00 | 45.58 2.44 0.00 | 43.96 2.26 -1.55 | 43.49 2.77 -0.26 | 45.87 2.69 -3.63 | 43.30 2.67 -0.18 | 43.34 2.63 0.70 | 42.91 2.43 -3.11 | 43.67 2.63 0.00 | 42.12 2.54 0.00 | 40.74 2.46 0.00 | 42.52 2.56 0.00 | 39.77 2.46 0.00 | 40.65 2.26 0.00 | 36.23 2.08 0.00 | 34.00 1.73 0.00 | 30.09 1.51 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 33.63 2.37 0.00 | 31.47 2.18 -0.39 | 30.06 2.03 -0.61 | 30.23 2.10 0.00 | 31.55 1.94 -2.82 | 42.47 1.33 -22.39 | 40.50 2.61 0.00 | 47.95 2.89 0.00 | 45.91 2.77 0.00 | 44.24 2.53 -1.55 | 43.76 3.04 -0.26 | 46.11 2.93 -3.63 | 43.55 2.93 -0.18 | 43.55 2.84 0.70 | 43.10 2.62 -3.11 | 43.88 2.84 0.00 | 42.37 2.78 0.00 | 40.99 2.72 0.00 | 42.76 2.80 0.00 | 39.97 2.67 0.00 | 40.85 2.46 0.00 | 36.40 2.24 0.00 | 34.15 1.87 0.00 | 30.24 1.66 0.00 |
| PATROON__115KV_TB1 80586 | 32.55 1.29 0.00 | 31.00 1.25 -0.84 | 29.94 1.18 -1.32 | 29.38 1.25 0.00 | 33.97 1.25 -5.94 | 65.95 0.83 -46.36 | 39.30 1.42 0.00 | 46.44 1.37 0.00 | 44.42 1.27 0.00 | 41.80 1.14 -0.50 | 42.00 1.45 -0.08 | 42.07 1.34 -1.18 | 41.91 1.40 -0.06 | 41.88 1.38 0.91 | 39.83 1.44 -1.02 | 42.52 1.48 0.00 | 40.95 1.37 0.00 | 39.41 1.15 0.00 | 41.12 1.16 0.00 | 38.63 1.33 0.00 | 39.57 1.17 0.00 | 35.22 1.07 0.00 | 33.26 0.99 0.00 | 29.44 0.85 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 31.07 -0.22 -0.02 | 28.72 -0.30 -0.12 | 27.01 -0.60 -0.18 | 27.17 -0.96 0.00 | 26.69 -0.87 -0.78 | 24.15 -0.78 -6.18 | 32.41 -2.74 2.74 | 41.62 -3.44 0.00 | 40.17 -2.97 0.00 | 35.75 -2.62 1.79 | 38.11 -2.33 0.02 | 37.31 -2.01 0.22 | 38.32 -2.11 0.01 | 35.28 -1.84 4.29 | 36.02 -1.16 0.19 | 39.76 -1.28 0.00 | 38.57 -1.02 0.00 | 37.04 -1.23 0.00 | 38.46 -1.50 0.00 | 35.53 -1.78 0.00 | 37.20 -1.20 0.00 | 33.02 -1.13 0.00 | 31.10 -1.18 0.00 | 27.84 -0.75 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 33.68 2.42 0.00 | 31.52 2.22 -0.39 | 30.14 2.10 -0.61 | 30.28 2.16 0.00 | 31.62 1.99 -2.85 | 42.73 1.38 -22.60 | 40.58 2.70 0.00 | 48.05 2.99 0.00 | 46.02 2.88 0.00 | 43.70 2.83 -0.71 | 43.70 3.12 -0.13 | 44.35 3.05 -1.76 | 43.62 3.08 -0.09 | 43.49 3.09 1.02 | 41.76 2.88 -1.51 | 44.18 3.14 0.00 | 42.65 3.07 0.00 | 41.23 2.96 0.00 | 43.09 3.14 0.00 | 40.20 2.90 0.00 | 41.15 2.76 0.00 | 36.60 2.45 0.00 | 34.38 2.10 0.00 | 30.40 1.81 0.00 |
| PEEKSKILL____ 23653 | 33.38 2.12 0.00 | 31.25 1.96 -0.39 | 29.89 1.85 -0.60 | 30.00 1.88 0.00 | 31.34 1.74 -2.82 | 42.29 1.19 -22.35 | 40.06 2.17 0.00 | 47.39 2.33 0.00 | 45.40 2.25 0.00 | 43.88 2.10 -1.62 | 43.30 2.57 -0.27 | 45.88 2.52 -3.81 | 43.18 2.55 -0.18 | 43.27 2.53 0.68 | 42.99 2.35 -3.26 | 43.60 2.57 0.00 | 42.07 2.49 0.00 | 40.65 2.38 0.00 | 42.49 2.53 0.00 | 39.67 2.37 0.00 | 40.60 2.21 0.00 | 36.15 1.99 0.00 | 33.95 1.67 0.00 | 30.04 1.45 0.00 |
| PGE MADISON__WINDPWR 24146 | 34.60 2.59 -0.74 | 32.14 2.45 -0.79 | 30.40 2.37 -0.61 | 30.63 2.37 -0.14 | 30.64 2.43 -1.44 | 31.81 1.74 -11.32 | 45.58 3.45 -4.24 | 49.36 4.30 0.00 | 47.31 4.17 0.00 | 46.69 3.92 -2.61 | 44.78 4.23 -0.09 | 43.89 4.31 -0.03 | 45.34 4.37 -0.53 | 43.37 4.18 2.23 | 42.25 3.93 -0.95 | 47.00 4.41 -1.55 | 46.02 4.53 -1.91 | 43.11 4.45 -0.40 | 44.44 4.49 0.00 | 41.56 4.01 -0.25 | 43.98 4.03 -1.55 | 38.08 3.31 -0.62 | 35.23 2.90 -0.06 | 31.09 2.46 -0.05 |
| PIERCEFIELD__HYD 23852 | 31.59 0.33 0.00 | 29.11 0.20 0.00 | 27.66 0.23 0.00 | 28.34 0.21 0.00 | 26.86 0.08 0.00 | 18.69 -0.09 -0.03 | 38.32 0.43 0.00 | 46.08 1.02 0.00 | 44.08 0.94 0.00 | 41.00 0.84 0.00 | 40.88 0.43 0.00 | 39.88 0.33 0.00 | 40.87 0.42 0.00 | 41.21 0.51 0.72 | 37.55 0.18 0.00 | 41.20 0.15 0.00 | 39.54 -0.05 0.00 | 38.18 -0.09 0.00 | 39.79 -0.16 0.00 | 37.15 -0.16 0.00 | 38.57 0.18 0.00 | 34.60 0.44 0.00 | 32.83 0.56 0.00 | 29.10 0.52 0.00 |
| PINELAWN_CC_1 323563 | 95.44 3.30 -60.88 | 32.62 3.05 -0.66 | 31.21 2.85 -0.94 | 31.04 2.90 -0.02 | 38.84 2.74 -9.32 | 79.64 1.84 -59.05 | 70.32 3.61 -28.83 | 92.10 3.94 -43.09 | 117.43 3.86 -70.42 | 75.49 3.50 -31.83 | 61.20 3.92 -16.82 | 74.59 3.86 -31.18 | 91.49 4.06 -46.98 | 96.78 4.08 -51.29 | 76.19 3.78 -35.04 | 84.61 4.13 -39.44 | 103.62 3.94 -60.10 | 137.26 3.82 -95.16 | 136.11 3.97 -92.19 | 153.49 3.76 -112.43 | 56.31 3.61 -14.31 | 65.08 3.27 -27.65 | 67.21 2.98 -31.96 | 78.57 2.61 -47.38 |
| PJM_GEN_HTP_PROXY 323702 | 33.48 2.22 0.00 | 31.34 2.05 -0.39 | 30.00 1.96 -0.61 | 30.12 1.99 0.00 | 31.46 1.86 -2.82 | 42.39 1.25 -22.39 | 40.15 2.26 0.00 | 47.48 2.42 0.00 | 45.50 2.36 0.00 | 43.93 2.22 -1.55 | 43.44 2.72 -0.26 | 45.86 2.67 -3.64 | 43.29 2.66 -0.18 | 43.37 2.66 0.70 | 42.96 2.47 -3.12 | 43.72 2.68 0.00 | 42.18 2.59 0.00 | 40.75 2.48 0.00 | 42.57 2.61 0.00 | 39.74 2.43 0.00 | 40.67 2.28 0.00 | 36.23 2.07 0.00 | 34.04 1.76 0.00 | 30.14 1.55 0.00 |
| PJM_GEN_KEystone 24065 | 28.54 0.37 3.09 | 27.04 0.33 2.19 | 26.86 0.23 0.80 | 27.68 0.12 0.57 | 28.75 0.12 -1.85 | 33.45 -0.01 -14.70 | 35.94 -0.63 1.32 | 44.08 -0.98 0.00 | 42.31 -0.83 0.00 | 32.95 -0.78 6.43 | 39.44 -0.37 0.64 | 35.13 -0.26 4.16 | 37.70 -0.30 2.45 | 32.90 -0.31 8.21 | 29.71 -0.05 7.61 | 34.17 -0.05 6.82 | 31.50 0.02 8.10 | 36.47 -0.06 1.74 | 39.91 -0.05 0.00 | 36.02 -0.22 1.07 | 31.51 -0.15 6.74 | 31.36 -0.12 2.68 | 31.82 -0.21 0.25 | 28.31 -0.06 0.22 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 52.39 2.81 -18.31 | 31.98 2.62 -0.47 | 30.56 2.43 -0.70 | 30.61 2.48 0.00 | 33.89 2.34 -4.77 | 53.88 1.55 -33.57 | 50.89 2.98 -10.02 | 74.19 3.20 -25.92 | 75.41 3.12 -29.15 | 54.57 2.84 -11.57 | 52.18 3.32 -8.41 | 58.75 3.25 -15.95 | 63.69 3.37 -19.87 | 67.52 3.37 -22.73 | 55.41 3.13 -14.90 | 68.17 3.38 -23.76 | 78.32 3.20 -35.54 | 101.72 3.11 -60.35 | 102.97 3.26 -59.75 | 99.41 3.07 -59.04 | 47.19 2.87 -5.92 | 45.64 2.62 -8.87 | 44.55 2.37 -9.91 | 50.17 2.07 -19.51 |
| PJM_GEN_VFT_PROXY 323633 | 33.31 2.05 0.00 | 31.21 1.92 -0.39 | 29.88 1.84 -0.61 | 30.00 1.88 0.00 | 31.36 1.75 -2.82 | 42.32 1.18 -22.39 | 39.96 2.07 0.00 | 47.24 2.18 0.00 | 45.27 2.12 0.00 | 43.70 1.99 -1.55 | 43.22 2.50 -0.26 | 45.65 2.47 -3.63 | 43.04 2.42 -0.18 | 43.12 2.40 0.70 | 42.72 2.23 -3.11 | 43.45 2.40 0.00 | 41.90 2.32 0.00 | 40.49 2.22 0.00 | 42.30 2.35 0.00 | 39.50 2.20 0.00 | 40.40 2.01 0.00 | 36.01 1.86 0.00 | 33.83 1.56 0.00 | 29.97 1.38 0.00 |

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| PLATSBRG_115KV_PMLD1 355749 | 32.06 0.80 0.00 | 29.63 0.73 0.00 | 28.31 0.88 0.00 | 29.07 0.95 0.00 | 27.69 0.90 0.00 | 19.43 0.68 0.00 | 39.62 1.74 0.00 | 47.43 2.37 0.00 | 45.42 2.27 0.00 | 42.19 2.03 0.00 | 42.40 1.94 0.00 | 41.35 1.80 0.00 | 42.28 1.84 0.00 | 43.00 1.88 0.29 | 39.01 1.64 0.00 | 42.77 1.73 0.00 | 41.28 1.69 0.00 | 39.82 1.55 0.00 | 41.61 1.65 0.00 | 38.88 1.58 0.00 | 39.90 1.51 0.00 | 35.44 1.28 0.00 | 33.56 1.29 0.00 | 30.10 1.51 0.00 |
| PLEASANTVLY___LBMP 24000 | 33.20 1.94 0.00 | 31.09 1.79 -0.40 | 29.74 1.69 -0.63 | 29.86 1.73 0.00 | 31.26 1.56 -2.92 | 42.99 1.07 -23.16 | 39.89 2.01 0.00 | 47.18 2.12 0.00 | 45.18 2.04 0.00 | 43.10 1.89 -1.06 | 42.97 2.34 -0.18 | 44.32 2.29 -2.48 | 42.88 2.31 -0.12 | 42.84 2.30 0.87 | 41.66 2.16 -2.13 | 43.39 2.35 0.00 | 41.83 2.25 0.00 | 40.41 2.14 0.00 | 42.24 2.29 0.00 | 39.45 2.14 0.00 | 40.40 2.00 0.00 | 35.96 1.80 0.00 | 33.84 1.56 0.00 | 29.96 1.38 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 33.43 2.17 0.00 | 31.30 2.01 -0.39 | 29.94 1.90 -0.61 | 30.04 1.91 0.00 | 31.38 1.76 -2.84 | 42.43 1.19 -22.48 | 40.14 2.25 0.00 | 47.52 2.46 0.00 | 45.52 2.38 0.00 | 43.74 2.20 -1.38 | 43.37 2.69 -0.23 | 45.43 2.63 -3.25 | 43.26 2.65 -0.16 | 43.28 2.63 0.77 | 42.60 2.44 -2.79 | 43.71 2.67 0.00 | 42.17 2.59 0.00 | 40.76 2.49 0.00 | 42.60 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.24 2.09 0.00 | 34.06 1.78 0.00 | 30.14 1.56 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 33.43 2.17 0.00 | 31.30 2.01 -0.39 | 29.94 1.90 -0.61 | 30.04 1.91 0.00 | 31.38 1.76 -2.84 | 42.43 1.19 -22.48 | 40.14 2.25 0.00 | 47.52 2.46 0.00 | 45.52 2.38 0.00 | 43.74 2.20 -1.38 | 43.37 2.69 -0.23 | 45.43 2.63 -3.25 | 43.26 2.65 -0.16 | 43.28 2.63 0.77 | 42.60 2.44 -2.79 | 43.71 2.67 0.00 | 42.17 2.59 0.00 | 40.76 2.49 0.00 | 42.60 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.24 2.09 0.00 | 34.06 1.78 0.00 | 30.14 1.56 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 33.42 2.16 0.00 | 31.25 1.95 -0.40 | 29.89 1.83 -0.63 | 30.03 1.90 0.00 | 31.44 1.73 -2.92 | 43.13 1.21 -23.17 | 40.35 2.47 0.00 | 47.80 2.74 0.00 | 45.77 2.62 0.00 | 43.10 2.42 -0.52 | 43.40 2.85 -0.09 | 43.60 2.83 -1.23 | 43.38 2.88 -0.06 | 43.16 2.85 1.10 | 41.07 2.65 -1.05 | 43.92 2.88 0.00 | 42.43 2.84 0.00 | 41.04 2.77 0.00 | 42.88 2.92 0.00 | 39.99 2.68 0.00 | 40.95 2.55 0.00 | 36.41 2.26 0.00 | 34.22 1.94 0.00 | 30.28 1.69 0.00 |
| POLETTI_____ 23519 | 33.47 2.21 0.00 | 31.32 2.03 -0.39 | 29.98 1.94 -0.61 | 30.12 1.99 0.00 | 31.44 1.83 -2.82 | 42.37 1.22 -22.39 | 40.11 2.22 0.00 | 47.40 2.34 0.00 | 45.43 2.29 0.00 | 43.87 2.16 -1.55 | 43.39 2.68 -0.26 | 45.81 2.63 -3.63 | 43.21 2.58 -0.18 | 43.29 2.58 0.70 | 42.89 2.40 -3.11 | 43.65 2.61 0.00 | 42.11 2.53 0.00 | 40.69 2.42 0.00 | 42.50 2.55 0.00 | 39.67 2.37 0.00 | 40.61 2.22 0.00 | 36.18 2.02 0.00 | 33.99 1.72 0.00 | 30.11 1.52 0.00 |
| POMONA___ESR 323819 | 32.97 1.71 0.00 | 30.88 1.61 -0.37 | 29.54 1.53 -0.58 | 29.67 1.54 0.00 | 30.92 1.44 -2.70 | 41.14 1.00 -21.39 | 39.66 1.78 0.00 | 46.93 1.87 0.00 | 44.93 1.79 0.00 | 39.09 1.57 2.64 | 42.06 2.04 0.44 | 35.35 2.00 6.21 | 42.18 2.03 0.30 | 41.00 1.98 2.39 | 33.91 1.85 5.32 | 43.07 2.03 0.00 | 41.59 2.00 0.00 | 40.19 1.92 0.00 | 42.06 2.11 0.00 | 39.27 1.96 0.00 | 40.16 1.77 0.00 | 35.75 1.59 0.00 | 33.62 1.34 0.00 | 29.77 1.18 0.00 |
| PORT_JEFF_3 23555 | 98.22 3.62 -63.34 | 32.93 3.35 -0.68 | 31.53 3.15 -0.95 | 31.37 3.23 -0.02 | 39.41 3.04 -9.58 | 81.40 2.03 -60.62 | 73.24 4.04 -31.32 | 91.26 4.46 -41.74 | 122.17 4.35 -74.68 | 76.83 3.85 -32.83 | 61.40 4.22 -16.72 | 75.03 4.19 -31.30 | 92.60 4.42 -47.73 | 98.43 4.54 -52.48 | 77.38 4.19 -35.82 | 84.38 4.61 -38.73 | 102.76 4.46 -58.71 | 134.15 4.36 -91.52 | 132.88 4.52 -88.40 | 152.58 4.25 -111.03 | 57.72 4.08 -15.24 | 68.20 3.67 -30.38 | 69.81 3.36 -34.19 | 79.96 2.94 -48.43 |
| PORT_JEFF_4 23616 | 98.22 3.62 -63.34 | 32.93 3.35 -0.68 | 31.53 3.15 -0.95 | 31.37 3.23 -0.02 | 39.41 3.04 -9.58 | 81.40 2.03 -60.62 | 73.24 4.04 -31.32 | 91.26 4.46 -41.74 | 122.17 4.35 -74.68 | 76.83 3.85 -32.83 | 61.40 4.22 -16.72 | 75.03 4.19 -31.30 | 92.60 4.42 -47.73 | 98.43 4.54 -52.48 | 77.38 4.19 -35.82 | 84.38 4.61 -38.73 | 102.76 4.46 -58.71 | 134.15 4.36 -91.52 | 132.88 4.52 -88.40 | 152.58 4.25 -111.03 | 57.72 4.08 -15.24 | 68.20 3.67 -30.38 | 69.81 3.36 -34.19 | 79.96 2.94 -48.43 |
| PORT_JEFF_IC 23713 | 98.17 3.66 -63.26 | 32.96 3.38 -0.68 | 31.56 3.18 -0.95 | 31.39 3.25 -0.02 | 39.43 3.07 -9.57 | 81.38 2.06 -60.56 | 73.23 4.10 -31.24 | 91.38 4.53 -41.78 | 122.11 4.41 -74.55 | 76.86 3.91 -32.79 | 61.46 4.28 -16.72 | 75.07 4.23 -31.29 | 92.62 4.47 -47.71 | 98.45 4.59 -52.44 | 77.42 4.25 -35.79 | 84.47 4.67 -38.75 | 102.88 4.54 -58.75 | 134.35 4.44 -91.63 | 133.09 4.62 -88.52 | 152.70 4.32 -111.07 | 57.77 4.16 -15.22 | 68.17 3.72 -30.30 | 69.79 3.39 -34.12 | 79.97 2.98 -48.40 |
| PPL PILGRIM_ST_GT1 24216 | 97.79 3.61 -62.92 | 32.91 3.33 -0.68 | 31.50 3.12 -0.95 | 31.33 3.18 -0.02 | 39.33 3.01 -9.54 | 81.13 2.03 -60.35 | 72.79 3.99 -30.91 | 91.13 4.13 -41.95 | 121.40 4.26 -74.00 | 76.61 3.79 -32.65 | 61.39 4.20 -16.73 | 75.09 4.27 -31.27 | 92.52 4.48 -47.59 | 98.13 4.43 -52.28 | 77.00 3.94 -35.68 | 84.31 4.43 -38.84 | 102.62 4.12 -58.92 | 134.26 3.91 -92.09 | 132.99 4.04 -88.99 | 152.39 3.84 -111.24 | 57.33 3.84 -15.09 | 67.59 3.49 -29.94 | 69.41 3.31 -33.83 | 79.76 2.92 -48.26 |
| PPL PILGRIM_ST_GT2 24217 | 97.79 3.61 -62.92 | 32.91 3.33 -0.68 | 31.50 3.12 -0.95 | 31.33 3.18 -0.02 | 39.33 3.01 -9.54 | 81.13 2.03 -60.35 | 72.79 3.99 -30.91 | 91.13 4.13 -41.95 | 121.40 4.26 -74.00 | 76.61 3.79 -32.65 | 61.39 4.20 -16.73 | 75.09 4.27 -31.27 | 92.52 4.48 -47.59 | 98.13 4.43 -52.28 | 77.00 3.94 -35.68 | 84.31 4.43 -38.84 | 102.62 4.12 -58.92 | 134.26 3.91 -92.09 | 132.99 4.04 -88.99 | 152.39 3.84 -111.24 | 57.33 3.84 -15.09 | 67.59 3.49 -29.94 | 69.41 3.31 -33.83 | 79.76 2.92 -48.26 |
| PPL_SHRM_GT3 24213 | 98.47 3.91 -63.31 | 33.21 3.63 -0.68 | 31.80 3.42 -0.95 | 31.66 3.51 -0.02 | 39.68 3.32 -9.58 | 81.57 2.21 -60.60 | 73.64 4.46 -31.29 | 91.78 4.96 -41.76 | 122.54 4.76 -74.63 | 76.79 3.81 -32.82 | 61.60 4.41 -16.72 | 75.20 4.35 -31.30 | 92.80 4.63 -47.72 | 98.75 4.88 -52.46 | 77.73 4.55 -35.81 | 84.77 4.99 -38.74 | 103.18 4.87 -58.72 | 134.70 4.87 -91.56 | 133.47 5.07 -88.44 | 153.08 4.73 -111.05 | 58.19 4.56 -15.23 | 68.57 4.06 -30.35 | 70.12 3.68 -34.16 | 80.23 3.23 -48.42 |
| PPL_SHRM_GT4 24214 | 98.47 3.91 -63.31 | 33.21 3.63 -0.68 | 31.80 3.42 -0.95 | 31.66 3.51 -0.02 | 39.68 3.32 -9.58 | 81.57 2.21 -60.60 | 73.64 4.46 -31.29 | 91.78 4.96 -41.76 | 122.54 4.76 -74.63 | 76.79 3.81 -32.82 | 61.60 4.41 -16.72 | 75.20 4.35 -31.30 | 92.80 4.63 -47.72 | 98.75 4.88 -52.46 | 77.73 4.55 -35.81 | 84.77 4.99 -38.74 | 103.18 4.87 -58.72 | 134.70 4.87 -91.56 | 133.47 5.07 -88.44 | 153.08 4.73 -111.05 | 58.19 4.56 -15.23 | 68.57 4.06 -30.35 | 70.12 3.68 -34.16 | 80.23 3.23 -48.42 |
| PROJECT___ORANGE I 24174 | 30.57 -0.69 0.00 | 28.34 -0.64 -0.07 | 26.92 -0.63 -0.12 | 27.45 -0.68 0.00 | 26.70 -0.62 -0.53 | 22.53 -0.41 -4.19 | 36.71 -1.17 0.00 | 43.60 -1.46 0.00 | 41.82 -1.33 0.00 | 38.92 -1.18 0.07 | 39.45 -1.00 0.01 | 38.47 -0.93 0.15 | 39.46 -0.99 0.01 | 36.10 -1.10 4.21 | 36.48 -0.76 0.13 | 40.18 -0.86 0.00 | 38.88 -0.71 0.00 | 37.59 -0.68 0.00 | 39.21 -0.74 0.00 | 36.51 -0.79 0.00 | 37.60 -0.79 0.00 | 33.41 -0.75 0.00 | 31.48 -0.79 0.00 | 27.92 -0.66 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PROJECT___ORANGE 2 24166 | 30.57 -0.69 0.00 | 28.34 -0.64 -0.07 | 26.92 -0.63 -0.12 | 27.45 -0.68 0.00 | 26.70 -0.62 -0.53 | 22.53 -0.41 -4.19 | 36.71 -1.17 0.00 | 43.60 -1.46 0.00 | 41.82 -1.33 0.00 | 38.92 -1.18 0.07 | 39.45 -1.00 0.01 | 38.47 -0.93 0.15 | 39.46 -0.99 0.01 | 36.10 -1.10 4.21 | 36.48 -0.76 0.13 | 40.18 -0.86 0.00 | 38.88 -0.71 0.00 | 37.59 -0.68 0.00 | 39.21 -0.74 0.00 | 36.51 -0.79 0.00 | 37.60 -0.79 0.00 | 33.41 -0.75 0.00 | 31.48 -0.79 0.00 | 27.92 -0.66 0.00 |
| PUCKETT___SOLAR 323809 | 32.73 0.47 -1.00 | 30.38 0.48 -0.99 | 28.59 0.46 -0.70 | 28.77 0.45 -0.18 | 28.68 0.47 -1.42 | 30.29 0.30 -11.24 | 38.81 0.31 -0.61 | 45.38 0.32 0.00 | 43.51 0.37 0.00 | 40.77 0.40 -0.21 | 41.29 0.71 -0.12 | 40.58 0.91 -0.12 | 42.10 0.94 -0.71 | 40.39 0.77 1.80 | 39.59 0.87 -1.36 | 44.20 1.05 -2.11 | 43.24 1.07 -2.59 | 39.74 0.93 -0.54 | 40.87 0.91 0.00 | 38.37 0.73 -0.33 | 41.27 0.76 -2.11 | 35.57 0.58 -0.84 | 32.82 0.46 -0.08 | 29.07 0.42 -0.07 |
| PYRITES___HYD 24023 | 32.18 0.92 0.00 | 29.63 0.73 0.00 | 28.14 0.71 0.00 | 28.82 0.69 0.00 | 27.38 0.59 0.00 | 19.13 0.35 -0.02 | 39.38 1.50 0.00 | 47.44 2.38 0.00 | 45.48 2.33 0.00 | 42.29 2.13 0.00 | 42.02 1.56 0.00 | 40.95 1.40 0.00 | 41.98 1.53 0.00 | 42.49 1.75 0.67 | 38.66 1.29 0.00 | 42.40 1.35 0.00 | 40.81 1.22 0.00 | 39.32 1.05 0.00 | 40.95 0.99 0.00 | 38.21 0.91 0.00 | 39.59 1.20 0.00 | 35.38 1.22 0.00 | 33.52 1.25 0.00 | 29.67 1.08 0.00 |
| QUAKERRD_115KV_BK1 80622 | 29.63 -1.63 0.00 | 27.45 -1.54 -0.09 | 26.01 -1.56 -0.14 | 26.41 -1.71 0.00 | 25.86 -1.55 -0.64 | 22.70 -1.11 -5.05 | 33.44 -2.93 1.52 | 41.56 -3.51 0.00 | 39.95 -3.19 0.00 | 36.24 -2.88 1.04 | 37.75 -2.69 0.01 | 36.85 -2.51 0.18 | 37.82 -2.62 0.01 | 34.28 -2.64 4.49 | 35.17 -2.05 0.16 | 38.78 -2.26 0.00 | 37.60 -1.98 0.00 | 36.25 -2.02 0.00 | 37.73 -2.23 0.00 | 34.99 -2.31 0.00 | 36.26 -2.14 0.00 | 32.20 -1.96 0.00 | 30.31 -1.96 0.00 | 26.98 -1.61 0.00 |
| QUENSBRY_115KV_TB8 356137 | 32.96 1.70 0.00 | 31.58 1.60 -1.08 | 30.61 1.48 -1.70 | 29.88 1.75 0.00 | 36.19 1.76 -7.64 | 79.50 1.33 -59.42 | 40.20 2.32 0.00 | 47.71 2.65 0.00 | 45.47 2.33 0.00 | 42.53 1.87 -0.49 | 42.84 2.30 -0.08 | 43.11 2.40 -1.16 | 42.79 2.29 -0.06 | 42.83 2.31 0.90 | 40.64 2.27 -1.00 | 43.30 2.25 0.00 | 41.83 2.25 0.00 | 40.43 2.16 0.00 | 42.08 2.12 0.00 | 39.17 1.87 0.00 | 40.23 1.83 0.00 | 35.57 1.42 0.00 | 33.54 1.27 0.00 | 29.68 1.10 0.00 |
| RAMAPO___LBMP 323565 | 32.86 1.60 0.00 | 30.78 1.51 -0.37 | 29.45 1.44 -0.58 | 29.58 1.45 0.00 | 30.80 1.33 -2.69 | 40.98 0.91 -21.31 | 39.52 1.64 0.00 | 46.75 1.69 0.00 | 44.75 1.61 0.00 | 38.98 1.39 2.57 | 41.89 1.86 0.43 | 35.33 1.82 6.03 | 42.00 1.85 0.29 | 40.84 1.79 2.37 | 33.87 1.68 5.17 | 42.88 1.84 0.00 | 41.39 1.81 0.00 | 40.00 1.73 0.00 | 41.88 1.92 0.00 | 39.09 1.78 0.00 | 39.98 1.59 0.00 | 35.60 1.44 0.00 | 33.49 1.22 0.00 | 29.67 1.08 0.00 |
| RANKINE____ 23646 | 30.35 -0.94 -0.03 | 28.05 -0.97 -0.12 | 26.40 -1.21 -0.18 | 26.58 -1.55 0.00 | 26.12 -1.43 -0.77 | 23.72 -1.15 -6.12 | 31.56 -3.57 2.75 | 40.63 -4.43 0.00 | 39.25 -3.89 0.00 | 34.87 -3.51 1.79 | 37.16 -3.29 0.02 | 36.38 -2.94 0.22 | 37.37 -3.07 0.01 | 34.23 -2.88 4.31 | 35.14 -2.04 0.19 | 38.86 -2.19 0.00 | 37.68 -1.90 0.00 | 36.23 -2.04 0.00 | 37.61 -2.35 0.00 | 34.74 -2.56 0.00 | 36.40 -1.99 0.00 | 32.33 -1.83 0.00 | 30.46 -1.81 0.00 | 27.28 -1.31 0.00 |
| RAVENSWOOD_GT2_1 24244 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.19 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.87 2.69 -3.63 | 43.31 2.68 -0.18 | 43.39 2.68 0.70 | 42.97 2.49 -3.11 | 43.74 2.69 0.00 | 42.19 2.60 0.00 | 40.76 2.49 0.00 | 42.58 2.63 0.00 | 39.75 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT2_2 24245 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.19 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.87 2.69 -3.63 | 43.31 2.68 -0.18 | 43.39 2.68 0.70 | 42.97 2.49 -3.11 | 43.74 2.69 0.00 | 42.19 2.60 0.00 | 40.76 2.49 0.00 | 42.58 2.63 0.00 | 39.75 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT2_3 24246 | 33.53 2.27 0.00 | 31.38 2.10 -0.39 | 30.03 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.26 -22.39 | 40.22 2.33 0.00 | 47.55 2.49 0.00 | 45.57 2.43 0.00 | 43.98 2.28 -1.55 | 43.50 2.78 -0.26 | 45.90 2.72 -3.63 | 43.34 2.71 -0.18 | 43.42 2.71 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.78 2.51 0.00 | 42.61 2.65 0.00 | 39.78 2.48 0.00 | 40.72 2.32 0.00 | 36.27 2.11 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT2_4 24247 | 33.53 2.27 0.00 | 31.38 2.10 -0.39 | 30.03 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.26 -22.39 | 40.22 2.33 0.00 | 47.55 2.49 0.00 | 45.57 2.43 0.00 | 43.98 2.28 -1.55 | 43.50 2.78 -0.26 | 45.90 2.72 -3.63 | 43.34 2.71 -0.18 | 43.42 2.71 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.78 2.51 0.00 | 42.61 2.65 0.00 | 39.78 2.48 0.00 | 40.72 2.32 0.00 | 36.27 2.11 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT3_1 24248 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.19 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.87 2.69 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.97 2.49 -3.11 | 43.74 2.69 0.00 | 42.19 2.60 0.00 | 40.76 2.49 0.00 | 42.59 2.63 0.00 | 39.75 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT3_2 24249 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.19 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.87 2.69 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.97 2.49 -3.11 | 43.74 2.69 0.00 | 42.19 2.60 0.00 | 40.76 2.49 0.00 | 42.59 2.63 0.00 | 39.75 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT3_3 24250 | 33.57 2.30 0.00 | 31.41 2.12 -0.39 | 30.06 2.02 -0.61 | 30.18 2.06 0.00 | 31.50 1.89 -2.82 | 42.42 1.27 -22.39 | 40.25 2.37 0.00 | 47.60 2.53 0.00 | 45.62 2.48 0.00 | 44.02 2.32 -1.55 | 43.54 2.82 -0.26 | 45.94 2.76 -3.63 | 43.39 2.76 -0.18 | 43.46 2.75 0.70 | 43.03 2.55 -3.11 | 43.81 2.77 0.00 | 42.26 2.67 0.00 | 40.83 2.56 0.00 | 42.66 2.70 0.00 | 39.82 2.52 0.00 | 40.76 2.37 0.00 | 36.31 2.15 0.00 | 34.11 1.83 0.00 | 30.20 1.61 0.00 |
| RAVENSWOOD_GT3_4 24251 | 33.57 2.30 0.00 | 31.41 2.12 -0.39 | 30.06 2.02 -0.61 | 30.18 2.06 0.00 | 31.50 1.89 -2.82 | 42.42 1.27 -22.39 | 40.25 2.37 0.00 | 47.60 2.53 0.00 | 45.62 2.48 0.00 | 44.02 2.32 -1.55 | 43.54 2.82 -0.26 | 45.94 2.76 -3.63 | 43.39 2.76 -0.18 | 43.46 2.75 0.70 | 43.03 2.55 -3.11 | 43.81 2.77 0.00 | 42.26 2.67 0.00 | 40.83 2.56 0.00 | 42.66 2.70 0.00 | 39.82 2.52 0.00 | 40.76 2.37 0.00 | 36.31 2.15 0.00 | 34.11 1.83 0.00 | 30.20 1.61 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_1 23729 | 33.60 2.35 0.00 | 31.45 2.16 -0.39 | 30.08 2.05 -0.61 | 30.20 2.07 0.00 | 31.52 1.91 -2.82 | 42.42 1.28 -22.39 | 40.26 2.37 0.00 | 47.61 2.54 0.00 | 45.61 2.46 0.00 | 44.03 2.32 -1.55 | 43.54 2.82 -0.26 | 45.92 2.74 -3.63 | 43.37 2.74 -0.18 | 43.44 2.73 0.70 | 43.01 2.53 -3.11 | 43.77 2.73 0.00 | 42.20 2.62 0.00 | 40.78 2.52 0.00 | 42.60 2.65 0.00 | 39.80 2.49 0.00 | 40.76 2.37 0.00 | 36.32 2.16 0.00 | 34.10 1.82 0.00 | 30.18 1.59 0.00 |
| RAVENSWOOD_GT_10 24258 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.88 2.70 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.98 2.50 -3.11 | 43.74 2.70 0.00 | 42.19 2.61 0.00 | 40.76 2.49 0.00 | 42.59 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT_11 24259 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.88 2.70 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.98 2.50 -3.11 | 43.74 2.70 0.00 | 42.19 2.61 0.00 | 40.76 2.49 0.00 | 42.59 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT_4 24252 | 33.52 2.26 0.00 | 31.38 2.09 -0.39 | 30.02 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.25 -22.39 | 40.20 2.32 0.00 | 47.55 2.48 0.00 | 45.57 2.42 0.00 | 43.98 2.27 -1.55 | 43.49 2.77 -0.26 | 45.89 2.71 -3.63 | 43.33 2.70 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT_5 24254 | 33.52 2.26 0.00 | 31.38 2.09 -0.39 | 30.02 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.25 -22.39 | 40.20 2.32 0.00 | 47.55 2.48 0.00 | 45.57 2.42 0.00 | 43.98 2.27 -1.55 | 43.49 2.77 -0.26 | 45.89 2.71 -3.63 | 43.33 2.70 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT_6 24253 | 33.52 2.26 0.00 | 31.38 2.09 -0.39 | 30.02 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.25 -22.39 | 40.20 2.32 0.00 | 47.55 2.48 0.00 | 45.57 2.42 0.00 | 43.98 2.27 -1.55 | 43.49 2.77 -0.26 | 45.89 2.71 -3.63 | 43.33 2.70 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT_7 24255 | 33.52 2.26 0.00 | 31.38 2.09 -0.39 | 30.02 1.99 -0.61 | 30.16 2.03 0.00 | 31.47 1.87 -2.82 | 42.40 1.25 -22.39 | 40.20 2.32 0.00 | 47.55 2.48 0.00 | 45.57 2.42 0.00 | 43.98 2.27 -1.55 | 43.49 2.77 -0.26 | 45.89 2.71 -3.63 | 43.33 2.70 -0.18 | 43.41 2.70 0.70 | 42.99 2.51 -3.11 | 43.76 2.72 0.00 | 42.20 2.62 0.00 | 40.79 2.52 0.00 | 42.61 2.66 0.00 | 39.78 2.48 0.00 | 40.71 2.32 0.00 | 36.26 2.10 0.00 | 34.08 1.80 0.00 | 30.17 1.58 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.88 2.70 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.98 2.50 -3.11 | 43.74 2.70 0.00 | 42.19 2.61 0.00 | 40.76 2.49 0.00 | 42.59 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD_GT_9 24257 | 33.52 2.26 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.15 2.02 0.00 | 31.47 1.86 -2.82 | 42.39 1.25 -22.39 | 40.20 2.31 0.00 | 47.53 2.47 0.00 | 45.54 2.39 0.00 | 43.96 2.25 -1.55 | 43.47 2.75 -0.26 | 45.88 2.70 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.98 2.50 -3.11 | 43.74 2.70 0.00 | 42.19 2.61 0.00 | 40.76 2.49 0.00 | 42.59 2.64 0.00 | 39.76 2.45 0.00 | 40.71 2.31 0.00 | 36.25 2.10 0.00 | 34.06 1.78 0.00 | 30.16 1.57 0.00 |
| RAVENSWOOD___1 23533 | 33.53 2.27 0.00 | 31.38 2.10 -0.39 | 30.02 1.99 -0.61 | 30.13 2.01 0.00 | 31.48 1.88 -2.82 | 42.41 1.26 -22.39 | 40.18 2.30 0.00 | 47.51 2.44 0.00 | 45.52 2.37 0.00 | 43.94 2.24 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.93 2.44 -3.11 | 43.68 2.64 0.00 | 42.12 2.54 0.00 | 40.72 2.45 0.00 | 42.53 2.57 0.00 | 39.73 2.43 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| RAVENSWOOD___2 23534 | 33.53 2.27 0.00 | 31.38 2.10 -0.39 | 30.02 1.99 -0.61 | 30.13 2.01 0.00 | 31.48 1.88 -2.82 | 42.41 1.26 -22.39 | 40.18 2.30 0.00 | 47.51 2.44 0.00 | 45.52 2.37 0.00 | 43.94 2.24 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.93 2.44 -3.11 | 43.68 2.64 0.00 | 42.12 2.54 0.00 | 40.72 2.45 0.00 | 42.53 2.57 0.00 | 39.73 2.43 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| RAVENSWOOD___3 23535 | 33.52 2.26 0.00 | 31.38 2.09 -0.39 | 30.03 1.99 -0.61 | 30.15 2.02 0.00 | 31.50 1.89 -2.82 | 42.42 1.28 -22.39 | 40.19 2.30 0.00 | 47.53 2.46 0.00 | 45.54 2.40 0.00 | 43.96 2.25 -1.55 | 43.47 2.76 -0.26 | 45.87 2.69 -3.63 | 43.32 2.69 -0.18 | 43.39 2.68 0.70 | 42.97 2.49 -3.11 | 43.74 2.69 0.00 | 42.19 2.61 0.00 | 40.77 2.50 0.00 | 42.59 2.63 0.00 | 39.77 2.46 0.00 | 40.71 2.31 0.00 | 36.26 2.10 0.00 | 34.06 1.78 0.00 | 30.15 1.57 0.00 |
| RAVENSWOOD___4 23820 | 33.53 2.27 0.00 | 31.38 2.10 -0.39 | 30.02 1.99 -0.61 | 30.13 2.01 0.00 | 31.48 1.88 -2.82 | 42.41 1.26 -22.39 | 40.18 2.30 0.00 | 47.51 2.44 0.00 | 45.52 2.37 0.00 | 43.94 2.24 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.93 2.44 -3.11 | 43.68 2.64 0.00 | 42.12 2.54 0.00 | 40.72 2.45 0.00 | 42.53 2.57 0.00 | 39.73 2.43 0.00 | 40.68 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.74 0.00 | 30.11 1.52 0.00 |
| RCPI_TRUST___DRP 24196 | 33.55 2.29 0.00 | 31.40 2.11 -0.39 | 30.05 2.02 -0.61 | 30.19 2.06 0.00 | 31.50 1.89 -2.82 | 42.41 1.27 -22.39 | 40.24 2.35 0.00 | 47.60 2.54 0.00 | 45.62 2.48 0.00 | 44.05 2.34 -1.55 | 43.56 2.84 -0.26 | 45.98 2.79 -3.64 | 43.41 2.78 -0.18 | 43.48 2.77 0.70 | 43.07 2.58 -3.12 | 43.84 2.80 0.00 | 42.29 2.71 0.00 | 40.86 2.59 0.00 | 42.69 2.73 0.00 | 39.83 2.53 0.00 | 40.78 2.39 0.00 | 36.32 2.16 0.00 | 34.12 1.85 0.00 | 30.21 1.63 0.00 |
| RED___ROCHESTER 323720 | 29.14 -0.87 1.25 | 27.13 -0.87 0.90 | 26.14 -0.95 0.34 | 26.77 -1.13 0.23 | 26.43 -1.00 -0.65 | 23.14 -0.76 -5.14 | 33.96 -2.29 1.64 | 42.33 -2.73 0.00 | 40.76 -2.38 0.00 | 36.97 -2.10 1.10 | 38.38 -1.88 0.20 | 37.04 -1.72 0.78 | 37.66 -1.82 0.97 | 33.00 -1.81 6.61 | 33.76 -1.25 2.37 | 36.81 -1.38 2.86 | 35.20 -1.11 3.27 | 36.38 -1.19 0.70 | 38.59 -1.37 0.00 | 35.30 -1.58 0.43 | 34.41 -1.26 2.72 | 31.86 -1.22 1.08 | 30.90 -1.27 0.10 | 27.52 -0.98 0.09 |

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|----------------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| REGAN___SOLAR 323812 | 34.35 3.09 0.00 | 32.70 2.78 -1.01 | 31.63 2.61 -1.59 | 30.77 2.64 0.00 | 36.56 2.62 -7.16 | 76.57 1.96 -55.85 | 42.04 4.15 0.00 | 50.35 5.28 0.00 | 48.08 4.94 0.00 | 45.03 4.49 -0.38 | 45.06 4.54 -0.06 | 44.95 4.51 -0.89 | 44.98 4.49 -0.04 | 44.97 4.72 1.16 | 42.42 4.28 -0.77 | 45.79 4.75 0.00 | 44.39 4.81 0.00 | 43.13 4.86 0.00 | 44.86 4.91 0.00 | 41.68 4.38 0.00 | 42.88 4.49 0.00 | 38.08 3.92 0.00 | 35.68 3.41 0.00 | 31.44 2.86 0.00 |
| RENSSELAER___COGEN 23796 | 32.36 1.10 0.00 | 30.74 1.08 -0.75 | 29.64 1.02 -1.19 | 29.21 1.08 0.00 | 33.19 1.10 -5.32 | 61.09 0.72 -41.62 | 39.04 1.15 0.00 | 46.10 1.04 0.00 | 44.10 0.95 0.00 | 41.50 0.83 -0.51 | 41.67 1.13 -0.08 | 41.76 1.02 -1.19 | 41.59 1.08 -0.06 | 41.55 1.05 0.91 | 39.53 1.14 -1.02 | 42.20 1.16 0.00 | 40.63 1.04 0.00 | 39.10 0.83 0.00 | 40.80 0.85 0.00 | 38.36 1.06 0.00 | 39.30 0.90 0.00 | 34.99 0.84 0.00 | 33.09 0.81 0.00 | 29.28 0.70 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 33.86 2.60 0.00 | 32.40 2.42 -1.08 | 31.49 2.37 -1.69 | 30.92 2.80 0.00 | 37.23 2.83 -7.62 | 80.27 2.26 -59.25 | 42.29 4.41 0.00 | 50.43 5.37 0.00 | 47.78 4.64 0.00 | 44.48 3.83 -0.50 | 44.94 4.40 -0.08 | 45.47 4.76 -1.17 | 45.04 4.53 -0.06 | 45.14 4.62 0.90 | 42.60 4.23 -1.00 | 45.37 4.33 0.00 | 44.08 4.50 0.00 | 42.72 4.45 0.00 | 44.39 4.43 0.00 | 40.95 3.65 0.00 | 41.83 3.43 0.00 | 37.03 2.88 0.00 | 35.02 2.75 0.00 | 30.90 2.31 0.00 |
| REVERE_CPPR_DRP 24186 | 32.46 1.20 0.00 | 30.03 1.10 -0.04 | 28.52 1.04 -0.06 | 29.18 1.06 0.00 | 28.06 1.03 -0.25 | 21.53 0.75 -2.02 | 39.46 1.57 0.00 | 47.04 1.98 0.00 | 45.12 1.98 0.00 | 42.06 1.90 0.00 | 42.51 2.05 0.00 | 41.55 2.00 0.00 | 42.41 1.96 0.00 | 41.32 1.99 2.08 | 39.27 1.89 0.00 | 43.14 2.10 0.00 | 41.72 2.14 0.00 | 40.32 2.05 0.00 | 42.00 2.05 0.00 | 39.14 1.83 0.00 | 40.27 1.88 0.00 | 35.73 1.58 0.00 | 33.63 1.36 0.00 | 29.67 1.09 0.00 |
| REYNOLDS_115KV_TB3 80639 | 32.43 1.18 0.00 | 30.84 1.14 -0.80 | 29.76 1.07 -1.25 | 29.28 1.15 0.00 | 33.55 1.16 -5.61 | 63.37 0.76 -43.86 | 39.14 1.25 0.00 | 46.20 1.14 0.00 | 44.19 1.05 0.00 | 41.63 0.95 -0.52 | 41.88 1.33 -0.09 | 42.00 1.24 -1.22 | 41.79 1.28 -0.06 | 41.77 1.26 0.91 | 39.71 1.30 -1.04 | 42.40 1.35 0.00 | 40.79 1.21 0.00 | 39.22 0.95 0.00 | 40.99 1.03 0.00 | 38.52 1.21 0.00 | 39.49 1.09 0.00 | 35.14 0.99 0.00 | 33.20 0.92 0.00 | 29.38 0.79 0.00 |
| RIVERBAY___ 323610 | 33.63 2.37 0.00 | 31.47 2.18 -0.39 | 30.06 2.03 -0.61 | 30.23 2.10 0.00 | 31.55 1.94 -2.82 | 42.47 1.33 -22.39 | 40.50 2.61 0.00 | 47.95 2.89 0.00 | 45.91 2.77 0.00 | 44.24 2.53 -1.55 | 43.76 3.04 -0.26 | 46.11 2.93 -3.63 | 43.55 2.93 -0.18 | 43.55 2.84 0.70 | 43.10 2.62 -3.11 | 43.88 2.78 0.00 | 42.37 2.72 0.00 | 40.99 2.72 0.00 | 42.76 2.80 0.00 | 39.97 2.67 0.00 | 40.85 2.46 0.00 | 36.40 2.24 0.00 | 34.15 1.87 0.00 | 30.24 1.66 0.00 |
| RIVERSDE_115KV_TB3 55908 | 32.46 1.20 0.00 | 30.87 1.17 -0.80 | 29.79 1.10 -1.26 | 29.30 1.17 0.00 | 33.61 1.18 -5.65 | 63.69 0.77 -44.16 | 39.18 1.29 0.00 | 46.27 1.21 0.00 | 44.25 1.10 0.00 | 41.66 0.99 -0.51 | 41.87 1.33 -0.09 | 41.97 1.22 -1.20 | 41.79 1.28 -0.06 | 41.76 1.25 0.91 | 39.71 1.30 -1.03 | 42.40 1.35 0.00 | 40.80 1.22 0.00 | 39.25 0.98 0.00 | 40.99 1.03 0.00 | 38.52 1.22 0.00 | 39.48 1.08 0.00 | 35.14 0.98 0.00 | 33.20 0.92 0.00 | 29.38 0.79 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 31.23 -0.03 0.00 | 28.83 -0.07 0.00 | 27.40 -0.03 0.00 | 28.11 -0.02 0.00 | 26.77 -0.02 0.00 | 18.71 -0.04 0.00 | 38.04 0.15 0.00 | 45.41 0.34 0.00 | 43.31 0.17 0.00 | 40.28 0.11 0.00 | 40.51 0.05 0.00 | 39.63 0.08 0.00 | 40.57 0.12 0.00 | 41.33 0.16 0.24 | 37.38 0.01 0.00 | 41.04 -0.01 0.00 | 39.43 -0.15 0.00 | 38.10 -0.17 0.00 | 39.83 -0.13 0.00 | 37.22 -0.08 0.00 | 38.44 0.05 0.00 | 34.22 0.06 0.00 | 32.39 0.12 0.00 | 28.70 0.11 0.00 |
| ROCHESRG_115KV_T4 355643 | 30.07 -1.19 0.00 | 27.85 -1.14 -0.09 | 26.36 -1.21 -0.14 | 26.73 -1.39 0.00 | 26.18 -1.25 -0.64 | 22.94 -0.93 -5.12 | 33.58 -2.70 1.61 | 41.81 -3.26 0.00 | 40.23 -2.91 0.00 | 36.48 -2.61 1.08 | 38.05 -2.39 0.01 | 37.14 -2.22 0.19 | 38.13 -2.31 0.01 | 34.61 -2.31 4.49 | 35.52 -1.69 0.16 | 39.16 -1.88 0.00 | 37.97 -1.61 0.00 | 36.58 -1.68 0.00 | 38.06 -1.90 0.00 | 35.26 -2.04 0.00 | 36.65 -1.74 0.00 | 32.54 -1.62 0.00 | 30.64 -1.64 0.00 | 27.31 -1.28 0.00 |
| ROCHESTER_9_IC 23652 | 30.24 -1.02 0.00 | 28.01 -0.98 -0.09 | 26.50 -1.07 -0.14 | 26.88 -1.24 0.00 | 26.32 -1.11 -0.65 | 23.07 -0.82 -5.14 | 33.78 -2.47 1.64 | 42.09 -2.97 0.00 | 40.51 -2.63 0.00 | 36.74 -2.33 1.10 | 38.33 -2.12 0.01 | 37.41 -1.95 0.19 | 38.41 -2.03 0.01 | 34.90 -2.03 4.48 | 35.77 -1.44 0.16 | 39.45 -1.60 0.00 | 38.25 -1.33 0.00 | 36.86 -1.41 0.00 | 38.34 -1.61 0.00 | 35.50 -1.80 0.00 | 36.92 -1.48 0.00 | 32.76 -1.39 0.00 | 30.82 -1.45 0.00 | 27.46 -1.12 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 33.56 2.30 0.00 | 31.41 2.12 -0.39 | 30.04 2.00 -0.61 | 30.13 2.01 0.00 | 31.45 1.84 -2.82 | 42.39 1.25 -22.39 | 40.24 2.35 0.00 | 47.65 2.59 0.00 | 45.66 2.52 0.00 | 44.06 2.35 -1.55 | 43.54 2.82 -0.26 | 45.96 2.77 -3.63 | 43.43 2.81 -0.18 | 43.50 2.80 0.70 | 43.08 2.60 -3.11 | 43.87 2.83 0.00 | 42.33 2.74 0.00 | 40.91 2.64 0.00 | 42.77 2.81 0.00 | 39.91 2.61 0.00 | 40.86 2.47 0.00 | 36.37 2.21 0.00 | 34.18 1.91 0.00 | 30.26 1.67 0.00 |
| ROME___115KV_TB2 80656 | 32.46 1.20 0.00 | 30.03 1.10 -0.04 | 28.52 1.04 -0.06 | 29.18 1.06 0.00 | 28.06 1.03 -0.25 | 21.53 0.75 -2.02 | 39.46 1.57 0.00 | 47.04 1.98 0.00 | 45.12 1.98 0.00 | 42.06 1.90 0.00 | 42.51 2.05 0.00 | 41.55 2.00 0.00 | 42.41 1.96 0.00 | 41.32 1.99 2.08 | 39.27 1.89 0.00 | 43.14 2.10 0.00 | 41.72 2.14 0.00 | 40.32 2.05 0.00 | 42.00 2.05 0.00 | 39.14 1.83 0.00 | 40.27 1.88 0.00 | 35.73 1.58 0.00 | 33.63 1.36 0.00 | 29.67 1.09 0.00 |
| ROSETON___1 23587 | 33.09 1.84 0.00 | 30.98 1.70 -0.38 | 29.63 1.60 -0.60 | 29.76 1.64 0.00 | 31.06 1.50 -2.78 | 41.82 1.03 -22.04 | 39.76 1.87 0.00 | 47.05 1.98 0.00 | 45.04 1.90 0.00 | 42.93 1.75 -1.02 | 42.83 2.20 -0.17 | 44.10 2.15 -2.40 | 42.75 2.18 -0.12 | 42.64 2.15 0.92 | 41.44 2.01 -2.06 | 43.24 2.20 0.00 | 41.71 2.12 0.00 | 40.29 2.02 0.00 | 42.12 2.17 0.00 | 39.33 2.03 0.00 | 40.27 1.88 0.00 | 35.85 1.69 0.00 | 33.73 1.45 0.00 | 29.86 1.28 0.00 |
| ROSETON___2 23588 | 33.09 1.84 0.00 | 30.98 1.70 -0.38 | 29.63 1.60 -0.60 | 29.76 1.64 0.00 | 31.06 1.50 -2.78 | 41.82 1.03 -22.04 | 39.76 1.87 0.00 | 47.05 1.98 0.00 | 45.04 1.90 0.00 | 42.93 1.75 -1.02 | 42.83 2.20 -0.17 | 44.10 2.15 -2.40 | 42.75 2.18 -0.12 | 42.64 2.15 0.92 | 41.44 2.01 -2.06 | 43.24 2.20 0.00 | 41.71 2.12 0.00 | 40.29 2.02 0.00 | 42.12 2.17 0.00 | 39.33 2.03 0.00 | 40.27 1.88 0.00 | 35.85 1.69 0.00 | 33.73 1.45 0.00 | 29.86 1.28 0.00 |
| ROTTDRAM_115KV_TB3 80664 | 32.53 1.27 0.00 | 31.26 1.22 -1.13 | 30.36 1.16 -1.78 | 29.36 1.23 0.00 | 35.99 1.21 -8.00 | 81.73 0.84 -62.14 | 39.39 1.50 0.00 | 46.65 1.59 0.00 | 44.62 1.47 0.00 | 42.00 1.36 -0.48 | 42.23 1.69 -0.08 | 42.32 1.66 -1.12 | 42.15 1.64 -0.05 | 42.18 1.67 0.90 | 39.93 1.61 -0.96 | 42.77 1.73 0.00 | 41.14 1.56 0.00 | 39.61 1.34 0.00 | 41.37 1.41 0.00 | 38.68 1.37 0.00 | 39.71 1.32 0.00 | 35.30 1.14 0.00 | 33.30 1.03 0.00 | 29.47 0.89 0.00 |

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| RUSSELL___1 23602 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |
| RUSSELL___2 23532 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |
| RUSSELL___3 23549 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |
| RUSSELL___4 23556 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |
| RUSSELL___STATION 23914 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |
| S SALMON___HYD 24043 | 30.44 -0.82 0.00 | 28.15 -0.81 -0.06 | 26.76 -0.77 -0.10 | 27.32 -0.81 0.00 | 26.48 -0.73 -0.44 | 21.74 -0.49 -3.48 | 36.72 -1.17 0.00 | 43.72 -1.34 0.00 | 41.81 -1.33 0.00 | 38.90 -1.20 0.05 | 39.40 -1.05 0.01 | 38.42 -1.00 0.13 | 39.41 -1.03 0.01 | 36.40 -1.10 3.92 | 36.45 -0.81 0.11 | 40.11 -0.93 0.00 | 38.80 -0.78 0.00 | 37.52 -0.75 0.00 | 39.11 -0.84 0.00 | 36.44 -0.86 0.00 | 37.56 -0.84 0.00 | 33.41 -0.74 0.00 | 31.51 -0.77 0.00 | 27.88 -0.70 0.00 |
| S.PERRY___115KV_TB1 80734 | 31.46 0.19 -0.01 | 29.06 0.04 -0.12 | 27.45 -0.16 -0.18 | 27.67 -0.46 0.00 | 27.06 -0.54 -0.81 | 24.45 -0.71 -6.41 | 30.48 -2.74 4.67 | 41.93 -3.14 0.00 | 40.55 -2.59 0.00 | 35.08 -2.45 2.63 | 38.14 -2.30 0.02 | 37.06 -2.26 0.23 | 38.26 -2.18 0.01 | 35.02 -2.15 4.25 | 35.71 -1.47 0.20 | 39.55 -1.49 0.00 | 38.50 -1.09 0.00 | 37.20 -1.07 0.00 | 38.77 -1.19 0.00 | 35.70 -1.61 0.00 | 38.45 0.06 0.00 | 34.15 -0.01 0.00 | 32.00 -0.27 0.00 | 28.45 -0.13 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 29.83 -1.46 -0.03 | 27.58 -1.44 -0.12 | 25.99 -1.62 -0.18 | 26.17 -1.96 0.00 | 25.74 -1.80 -0.76 | 23.34 -1.40 -5.99 | 31.11 -4.15 2.63 | 39.89 -5.17 0.00 | 38.53 -4.61 0.00 | 34.31 -4.14 1.71 | 36.51 -3.94 0.02 | 35.70 -3.63 0.22 | 36.68 -3.76 0.01 | 33.49 -3.60 4.33 | 34.51 -2.68 0.18 | 38.14 -2.90 0.00 | 36.98 -2.61 0.00 | 35.53 -2.74 0.00 | 36.86 -3.09 0.00 | 34.05 -3.25 0.00 | 35.71 -2.68 0.00 | 31.72 -2.43 0.00 | 29.89 -2.38 0.00 | 26.81 -1.77 0.00 |
| SAWYER___23_KV_LOAD 55526 | 29.83 -1.46 -0.03 | 27.58 -1.44 -0.12 | 25.99 -1.62 -0.18 | 26.17 -1.96 0.00 | 25.74 -1.80 -0.76 | 23.34 -1.40 -5.99 | 31.11 -4.15 2.63 | 39.89 -5.17 0.00 | 38.53 -4.61 0.00 | 34.31 -4.14 1.71 | 36.51 -3.94 0.02 | 35.70 -3.63 0.22 | 36.68 -3.76 0.01 | 33.49 -3.60 4.33 | 34.51 -2.68 0.18 | 38.14 -2.90 0.00 | 36.98 -2.61 0.00 | 35.53 -2.74 0.00 | 36.86 -3.09 0.00 | 34.05 -3.25 0.00 | 35.71 -2.68 0.00 | 31.72 -2.43 0.00 | 29.89 -2.38 0.00 | 26.81 -1.77 0.00 |
| SELKIRK___I 23801 | 32.55 1.29 0.00 | 30.83 1.27 -0.65 | 29.67 1.21 -1.03 | 29.40 1.27 0.00 | 32.67 1.29 -4.60 | 55.74 0.86 -36.13 | 39.36 1.48 0.00 | 46.47 1.41 0.00 | 44.44 1.29 0.00 | 41.78 1.16 -0.46 | 41.99 1.46 -0.08 | 42.05 1.42 -1.09 | 41.98 1.48 -0.05 | 41.93 1.46 0.95 | 39.76 1.46 -0.93 | 42.58 1.53 0.00 | 40.96 1.37 0.00 | 39.43 1.16 0.00 | 41.16 1.20 0.00 | 38.60 1.30 0.00 | 39.61 1.21 0.00 | 35.25 1.09 0.00 | 33.30 1.03 0.00 | 29.50 0.91 0.00 |
| SELKIRK___II 23799 | 32.37 1.11 0.00 | 30.66 1.08 -0.68 | 29.52 1.03 -1.07 | 29.22 1.09 0.00 | 32.65 1.10 -4.78 | 56.95 0.72 -37.47 | 39.09 1.20 0.00 | 46.19 1.13 0.00 | 44.19 1.04 0.00 | 41.59 0.94 -0.49 | 41.80 1.26 -0.08 | 41.89 1.19 -1.16 | 41.74 1.24 -0.06 | 41.70 1.21 0.92 | 39.60 1.24 -0.99 | 42.34 1.30 0.00 | 40.74 1.15 0.00 | 39.22 0.95 0.00 | 40.94 0.99 0.00 | 38.41 1.11 0.00 | 39.38 0.98 0.00 | 35.06 0.90 0.00 | 33.12 0.85 0.00 | 29.32 0.73 0.00 |
| SENECA OSWGO___HYD 24041 | 30.29 -0.97 0.00 | 28.07 -0.90 -0.07 | 26.68 -0.86 -0.11 | 27.22 -0.91 0.00 | 26.44 -0.84 -0.50 | 22.14 -0.57 -3.95 | 36.44 -1.45 0.00 | 43.29 -1.77 0.00 | 41.49 -1.65 0.00 | 38.60 -1.50 0.06 | 39.11 -1.34 0.01 | 38.11 -1.29 0.15 | 39.10 -1.33 0.01 | 35.47 -1.45 4.49 | 36.13 -1.11 0.13 | 39.81 -1.23 0.00 | 38.53 -1.06 0.00 | 37.26 -1.01 0.00 | 38.88 -1.07 0.00 | 36.22 -1.09 0.00 | 37.31 -1.09 0.00 | 33.17 -0.98 0.00 | 31.29 -0.98 0.00 | 27.74 -0.85 0.00 |
| SENECA___115KV_TB3 355854 | 30.40 -0.88 -0.03 | 28.10 -0.92 -0.12 | 26.45 -1.16 -0.18 | 26.62 -1.51 0.00 | 26.17 -1.39 -0.77 | 23.76 -1.12 -6.12 | 31.62 -3.51 2.75 | 40.71 -4.35 0.00 | 39.32 -3.82 0.00 | 34.94 -3.44 1.79 | 37.23 -3.21 0.02 | 36.45 -2.88 0.22 | 37.45 -2.99 0.01 | 34.31 -2.80 4.31 | 35.21 -1.97 0.19 | 38.94 -2.10 0.00 | 37.75 -1.83 0.00 | 36.30 -1.96 0.00 | 37.69 -2.27 0.00 | 34.81 -2.49 0.00 | 36.48 -1.92 0.00 | 32.39 -1.77 0.00 | 30.51 -1.77 0.00 | 27.33 -1.26 0.00 |
| SENECA___ENERGY 23797 | 30.84 -0.42 0.00 | 28.59 -0.40 -0.09 | 27.13 -0.45 -0.15 | 27.55 -0.58 0.00 | 26.92 -0.52 -0.66 | 23.69 -0.34 -5.27 | 35.72 -1.26 0.91 | 43.54 -1.53 0.00 | 41.85 -1.29 0.00 | 38.29 -1.15 0.72 | 39.49 -0.95 0.01 | 38.52 -0.84 0.19 | 39.59 -0.85 0.01 | 36.14 -0.92 4.36 | 36.63 -0.58 0.16 | 40.42 -0.62 0.00 | 39.14 -0.44 0.00 | 37.87 -0.40 0.00 | 39.52 -0.43 0.00 | 36.67 -0.64 0.00 | 37.86 -0.53 0.00 | 33.65 -0.51 0.00 | 31.68 -0.59 0.00 | 28.11 -0.47 0.00 |
| SHOEMAKER___GT 23640 | 32.76 1.50 0.00 | 30.67 1.41 -0.35 | 29.32 1.33 -0.56 | 29.48 1.35 0.00 | 30.60 1.24 -2.58 | 40.07 0.84 -20.47 | 39.37 1.49 0.00 | 46.63 1.56 0.00 | 44.63 1.49 0.00 | 39.49 1.34 2.02 | 41.86 1.74 0.34 | 36.55 1.75 4.75 | 41.99 1.77 0.23 | 40.96 1.73 2.18 | 34.94 1.64 4.07 | 42.83 1.79 0.00 | 41.34 1.76 0.00 | 39.95 1.68 0.00 | 41.78 1.82 0.00 | 38.99 1.68 0.00 | 39.94 1.55 0.00 | 35.55 1.40 0.00 | 33.46 1.19 0.00 | 29.63 1.05 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SHOEMAKR_138KV_BK 111 55601 | 32.74 1.48 0.00 | 30.64 1.39 -0.35 | 29.30 1.31 -0.55 | 29.47 1.34 0.00 | 30.56 1.21 -2.57 | 39.93 0.82 -20.36 | 39.37 1.48 0.00 | 46.60 1.54 0.00 | 44.61 1.47 0.00 | 39.51 1.33 1.98 | 41.85 1.73 0.33 | 36.62 1.72 4.65 | 41.96 1.74 0.23 | 40.95 1.71 2.17 | 35.00 1.62 3.98 | 42.80 1.76 0.00 | 41.31 1.72 0.00 | 39.92 1.65 0.00 | 41.74 1.78 0.00 | 38.96 1.66 0.00 | 39.91 1.52 0.00 | 35.53 1.37 0.00 | 33.44 1.16 0.00 | 29.61 1.03 0.00 |
| SHOREHAM_IC_1 23715 | 98.47 3.91 -63.31 | 33.21 3.63 -0.68 | 31.80 3.42 -0.95 | 31.66 3.51 -0.02 | 39.68 3.32 -9.58 | 81.57 2.21 -60.60 | 73.64 4.46 -31.29 | 91.78 4.96 -41.76 | 122.54 4.76 -74.63 | 76.79 3.81 -32.82 | 61.60 4.41 -16.72 | 75.20 4.35 -31.30 | 92.80 4.63 -47.72 | 98.75 4.88 -52.46 | 77.73 4.55 -35.81 | 84.77 4.99 -38.74 | 103.18 4.87 -58.72 | 134.70 4.87 -91.56 | 133.47 5.07 -88.44 | 153.08 4.73 -111.05 | 58.19 4.56 -15.23 | 68.57 4.06 -30.35 | 70.12 3.68 -34.16 | 80.23 3.23 -48.42 |
| SHOREHAM_IC_2 23716 | 98.47 3.91 -63.31 | 33.21 3.63 -0.68 | 31.80 3.42 -0.95 | 31.66 3.51 -0.02 | 39.68 3.32 -9.58 | 81.57 2.21 -60.60 | 73.64 4.46 -31.29 | 91.78 4.96 -41.76 | 122.54 4.76 -74.63 | 76.79 3.81 -32.82 | 61.60 4.41 -16.72 | 75.20 4.35 -31.30 | 92.80 4.63 -47.72 | 98.75 4.88 -52.46 | 77.73 4.55 -35.81 | 84.77 4.99 -38.74 | 103.18 4.87 -58.72 | 134.70 4.87 -91.56 | 133.47 5.07 -88.44 | 153.08 4.73 -111.05 | 58.19 4.56 -15.23 | 68.57 4.06 -30.35 | 70.12 3.68 -34.16 | 80.23 3.23 -48.42 |
| SISSONVILLE____ 23735 | 31.59 0.33 0.00 | 29.11 0.20 0.00 | 27.66 0.23 0.00 | 28.34 0.21 0.00 | 26.86 0.08 0.00 | 18.69 -0.09 -0.03 | 38.32 0.43 0.00 | 46.08 1.02 0.00 | 44.08 0.94 0.00 | 41.00 0.84 0.00 | 40.88 0.43 0.00 | 39.88 0.33 0.00 | 40.87 0.42 0.00 | 41.21 0.51 0.72 | 37.55 0.18 0.00 | 41.20 0.15 0.00 | 39.54 -0.05 0.00 | 38.18 -0.09 0.00 | 39.79 -0.16 0.00 | 37.15 -0.16 0.00 | 38.57 0.18 0.00 | 34.60 0.44 0.00 | 32.83 0.56 0.00 | 29.10 0.52 0.00 |
| SITHE_IND_GS1 24169 | 29.96 -1.30 0.00 | 27.77 -1.19 -0.06 | 26.39 -1.13 -0.09 | 26.93 -1.20 0.00 | 26.09 -1.11 -0.42 | 21.32 -0.76 -3.32 | 36.06 -1.83 0.00 | 42.84 -2.22 0.00 | 41.06 -2.08 0.00 | 38.20 -1.90 0.05 | 38.66 -1.79 0.01 | 37.71 -1.72 0.13 | 38.65 -1.79 0.01 | 34.33 -1.89 5.19 | 35.70 -1.56 0.11 | 39.32 -1.72 0.00 | 38.00 -1.58 0.00 | 36.75 -1.52 0.00 | 38.35 -1.60 0.00 | 35.75 -1.55 0.00 | 36.83 -1.57 0.00 | 32.75 -1.41 0.00 | 30.92 -1.35 0.00 | 27.43 -1.15 0.00 |
| SITHE_IND_GS2 24170 | 29.96 -1.30 0.00 | 27.77 -1.19 -0.06 | 26.39 -1.13 -0.09 | 26.93 -1.20 0.00 | 26.09 -1.11 -0.42 | 21.32 -0.76 -3.32 | 36.06 -1.83 0.00 | 42.84 -2.22 0.00 | 41.06 -2.08 0.00 | 38.20 -1.90 0.05 | 38.66 -1.79 0.01 | 37.71 -1.72 0.13 | 38.65 -1.79 0.01 | 34.33 -1.89 5.19 | 35.70 -1.56 0.11 | 39.32 -1.72 0.00 | 38.00 -1.58 0.00 | 36.75 -1.52 0.00 | 38.35 -1.60 0.00 | 35.75 -1.55 0.00 | 36.83 -1.57 0.00 | 32.75 -1.41 0.00 | 30.92 -1.35 0.00 | 27.43 -1.15 0.00 |
| SITHE_IND_GS3 24171 | 29.96 -1.30 0.00 | 27.77 -1.19 -0.06 | 26.39 -1.13 -0.09 | 26.93 -1.20 0.00 | 26.09 -1.11 -0.42 | 21.32 -0.76 -3.32 | 36.06 -1.83 0.00 | 42.84 -2.22 0.00 | 41.06 -2.08 0.00 | 38.20 -1.90 0.05 | 38.66 -1.79 0.01 | 37.71 -1.72 0.13 | 38.65 -1.79 0.01 | 34.33 -1.89 5.19 | 35.70 -1.56 0.11 | 39.32 -1.72 0.00 | 38.00 -1.58 0.00 | 36.75 -1.52 0.00 | 38.35 -1.60 0.00 | 35.75 -1.55 0.00 | 36.83 -1.57 0.00 | 32.75 -1.41 0.00 | 30.92 -1.35 0.00 | 27.43 -1.15 0.00 |
| SITHE_IND_GS4 24172 | 29.96 -1.30 0.00 | 27.77 -1.19 -0.06 | 26.39 -1.13 -0.09 | 26.93 -1.20 0.00 | 26.09 -1.11 -0.42 | 21.32 -0.76 -3.32 | 36.06 -1.83 0.00 | 42.84 -2.22 0.00 | 41.06 -2.08 0.00 | 38.20 -1.90 0.05 | 38.66 -1.79 0.01 | 37.71 -1.72 0.13 | 38.65 -1.79 0.01 | 34.33 -1.89 5.19 | 35.70 -1.56 0.11 | 39.32 -1.72 0.00 | 38.00 -1.58 0.00 | 36.75 -1.52 0.00 | 38.35 -1.60 0.00 | 35.75 -1.55 0.00 | 36.83 -1.57 0.00 | 32.75 -1.41 0.00 | 30.92 -1.35 0.00 | 27.43 -1.15 0.00 |
| SITHE____BATAVIA 24024 | 28.47 -0.87 1.91 | 26.57 -0.91 1.42 | 25.81 -1.03 0.59 | 26.45 -1.32 0.35 | 26.34 -1.15 -0.70 | 23.43 -0.88 -5.56 | 32.97 -2.81 2.10 | 41.63 -3.43 0.00 | 40.19 -2.95 0.00 | 36.18 -2.58 1.40 | 37.78 -2.38 0.30 | 36.27 -2.15 1.12 | 36.69 -2.28 1.48 | 31.61 -2.17 7.64 | 32.36 -1.48 3.53 | 35.10 -1.61 4.34 | 33.24 -1.31 5.04 | 35.75 -1.44 1.08 | 38.26 -1.70 0.00 | 34.67 -1.98 0.66 | 32.78 -1.43 4.18 | 31.19 -1.30 1.66 | 30.75 -1.37 0.15 | 27.51 -0.94 0.13 |
| SITHE____INDEPEND 23800 | 29.96 -1.30 0.00 | 27.77 -1.19 -0.06 | 26.39 -1.13 -0.09 | 26.93 -1.20 0.00 | 26.10 -1.10 -0.42 | 21.33 -0.74 -3.32 | 36.05 -1.83 0.00 | 42.84 -2.22 0.00 | 41.06 -2.08 0.00 | 38.20 -1.90 0.05 | 38.66 -1.79 0.01 | 37.71 -1.72 0.13 | 38.66 -1.79 0.01 | 34.33 -1.89 5.19 | 35.71 -1.55 0.11 | 39.33 -1.72 0.00 | 38.01 -1.58 0.00 | 36.75 -1.52 0.00 | 38.36 -1.60 0.00 | 35.75 -1.55 0.00 | 36.83 -1.57 0.00 | 32.75 -1.40 0.00 | 30.91 -1.36 0.00 | 27.43 -1.15 0.00 |
| SITHE____MASSENA 23902 | 31.67 0.41 0.00 | 29.19 0.29 0.00 | 27.71 0.28 0.00 | 28.39 0.26 0.00 | 26.98 0.20 0.00 | 18.88 0.12 0.00 | 38.73 0.84 0.00 | 46.45 1.39 0.00 | 44.45 1.31 0.00 | 41.34 1.18 0.00 | 41.14 0.68 0.00 | 40.18 0.63 0.00 | 41.15 0.70 0.00 | 41.87 0.79 0.34 | 37.82 0.45 0.00 | 41.52 0.48 0.00 | 39.98 0.40 0.00 | 38.62 0.35 0.00 | 40.28 0.32 0.00 | 37.59 0.29 0.00 | 38.86 0.46 0.00 | 34.63 0.48 0.00 | 32.80 0.53 0.00 | 29.08 0.49 0.00 |
| SITHE____OGDNSBRG 24021 | 32.14 0.88 0.00 | 29.59 0.69 0.00 | 28.10 0.67 0.00 | 28.78 0.65 0.00 | 27.35 0.57 0.00 | 19.13 0.36 -0.02 | 39.37 1.49 0.00 | 47.39 2.32 0.00 | 45.39 2.25 0.00 | 42.22 2.06 0.00 | 41.93 1.48 0.00 | 40.90 1.35 0.00 | 41.90 1.45 0.00 | 42.48 1.64 0.57 | 38.55 1.18 0.00 | 42.29 1.25 0.00 | 40.73 1.15 0.00 | 39.30 1.03 0.00 | 40.94 0.98 0.00 | 38.19 0.88 0.00 | 39.54 1.15 0.00 | 35.28 1.12 0.00 | 33.41 1.14 0.00 | 29.58 0.99 0.00 |
| SITHE____STERLING 23777 | 32.12 0.86 0.00 | 29.76 0.82 -0.04 | 28.27 0.77 -0.07 | 28.91 0.78 0.00 | 27.86 0.78 -0.30 | 21.72 0.57 -2.40 | 39.01 1.12 0.00 | 46.46 1.40 0.00 | 44.55 1.41 0.00 | 41.52 1.36 0.00 | 41.97 1.51 0.00 | 41.02 1.47 0.00 | 41.85 1.40 0.00 | 40.45 1.40 2.37 | 38.77 1.40 0.00 | 42.60 1.55 0.00 | 41.18 1.59 0.00 | 39.77 1.50 0.00 | 41.45 1.49 0.00 | 38.61 1.31 0.00 | 39.73 1.34 0.00 | 35.24 1.09 0.00 | 33.20 0.92 0.00 | 29.33 0.75 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 30.41 -0.85 0.00 | 28.16 -0.83 -0.09 | 26.70 -0.87 -0.14 | 27.11 -1.02 0.00 | 26.52 -0.90 -0.64 | 23.21 -0.61 -5.06 | 35.07 -1.83 0.98 | 42.87 -2.19 0.00 | 41.22 -1.92 0.00 | 37.74 -1.73 0.70 | 38.92 -1.52 0.01 | 38.04 -1.33 0.18 | 39.00 -1.44 0.01 | 35.47 -1.48 4.46 | 36.20 -1.01 0.16 | 39.92 -1.12 0.00 | 38.70 -0.88 0.00 | 37.35 -0.92 0.00 | 38.92 -1.04 0.00 | 36.09 -1.21 0.00 | 37.36 -1.04 0.00 | 33.11 -1.04 0.00 | 31.18 -1.10 0.00 | 27.70 -0.89 0.00 |
| SOUTH CAIRO____GT 23612 | 33.84 2.58 0.00 | 31.98 2.45 -0.62 | 30.74 2.34 -0.98 | 30.56 2.43 0.00 | 33.61 2.43 -4.39 | 54.95 1.71 -34.49 | 41.19 3.30 0.00 | 48.75 3.68 0.00 | 46.66 3.52 0.00 | 43.54 3.02 -0.36 | 43.86 3.34 -0.06 | 43.74 3.35 -0.84 | 43.94 3.45 -0.04 | 43.92 3.53 1.03 | 41.55 3.45 -0.72 | 44.85 3.81 0.00 | 43.31 3.73 0.00 | 41.69 3.42 0.00 | 43.45 3.49 0.00 | 40.73 3.42 0.00 | 41.70 3.30 0.00 | 36.99 2.83 0.00 | 34.84 2.57 0.00 | 30.75 2.17 0.00 |

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| SOUTH HAMPTN___IC 23720 | 98.81 4.21 -63.34 | 33.48 3.90 -0.68 | 32.07 3.69 -0.95 | 31.94 3.79 -0.02 | 39.97 3.60 -9.58 | 81.80 2.42 -60.62 | 74.09 4.89 -31.32 | 92.28 5.48 -41.74 | 123.11 5.27 -74.69 | 77.52 4.53 -32.83 | 62.00 4.82 -16.72 | 75.59 4.74 -31.30 | 93.20 5.02 -47.74 | 99.21 5.32 -52.48 | 78.14 4.95 -35.82 | 85.24 5.47 -38.73 | 103.68 5.39 -58.71 | 135.09 5.31 -91.51 | 133.87 5.52 -88.39 | 153.46 5.13 -111.03 | 58.61 4.97 -15.25 | 68.95 4.41 -30.38 | 70.46 3.99 -34.19 | 80.51 3.49 -48.43 |
| SOUTHDOW_115KV_TB1 355954 | 31.19 -0.09 -0.02 | 28.70 -0.32 -0.12 | 27.02 -0.59 -0.18 | 27.14 -0.99 0.00 | 26.54 -1.04 -0.80 | 24.28 -0.83 -6.35 | 32.68 -2.37 2.83 | 41.74 -3.33 0.00 | 40.50 -2.64 0.00 | 36.00 -1.92 1.87 | 38.52 -1.50 0.02 | 37.82 -1.62 0.23 | 38.82 -1.40 0.01 | 35.75 -1.40 4.26 | 36.42 -0.75 0.20 | 40.22 -0.83 0.00 | 38.89 -0.69 0.00 | 37.46 -0.81 0.00 | 39.02 -0.93 0.00 | 36.05 -1.26 0.00 | 37.76 -0.64 0.00 | 33.55 -0.61 0.00 | 31.63 -0.64 0.00 | 28.14 -0.45 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 99.28 4.68 -63.34 | 33.91 4.33 -0.68 | 32.51 4.13 -0.95 | 32.37 4.22 -0.02 | 40.39 4.02 -9.58 | 82.10 2.72 -60.62 | 74.70 5.50 -31.32 | 93.12 6.32 -41.74 | 123.89 6.06 -74.69 | 78.21 5.22 -32.83 | 62.62 5.44 -16.72 | 76.20 5.35 -31.30 | 93.79 5.61 -47.74 | 99.91 6.01 -52.48 | 78.79 5.60 -35.82 | 85.99 6.22 -38.73 | 104.42 6.13 -58.71 | 135.83 6.05 -91.51 | 134.66 6.31 -88.39 | 154.14 5.81 -111.03 | 59.34 5.70 -15.25 | 69.57 5.03 -30.38 | 70.98 4.52 -34.19 | 80.95 3.93 -48.43 |
| SOUTHOLD___IC 23719 | 99.28 4.68 -63.34 | 33.93 4.35 -0.68 | 32.49 4.10 -0.95 | 32.39 4.24 -0.02 | 40.41 4.04 -9.58 | 82.12 2.74 -60.62 | 74.77 5.56 -31.32 | 93.09 6.29 -41.74 | 123.89 6.06 -74.69 | 78.23 5.24 -32.83 | 62.63 5.45 -16.72 | 76.19 5.34 -31.30 | 93.80 5.62 -47.74 | 99.90 6.01 -52.48 | 78.78 5.59 -35.82 | 85.97 6.20 -38.73 | 104.45 6.16 -58.71 | 135.84 6.07 -91.51 | 134.67 6.32 -88.39 | 154.18 5.84 -111.03 | 59.32 5.68 -15.25 | 69.56 5.02 -30.38 | 70.99 4.53 -34.19 | 80.96 3.94 -48.43 |
| SOUTH_FORK_WT_PWR 323839 | 99.33 4.72 -63.34 | 33.97 4.39 -0.68 | 32.53 4.15 -0.95 | 32.43 4.29 -0.02 | 40.46 4.09 -9.58 | 82.15 2.78 -60.62 | 74.84 5.64 -31.32 | 93.18 6.38 -41.74 | 123.96 6.13 -74.69 | 78.28 5.29 -32.83 | 62.69 5.51 -16.72 | 76.25 5.40 -31.30 | 93.86 5.68 -47.73 | 99.95 6.06 -52.48 | 78.84 5.65 -35.82 | 86.04 6.26 -38.73 | 104.52 6.23 -58.71 | 135.91 6.13 -91.51 | 134.74 6.39 -88.39 | 154.25 5.92 -111.03 | 59.40 5.76 -15.25 | 69.62 5.08 -30.38 | 71.03 4.57 -34.19 | 81.00 3.98 -48.43 |
| SPIERFLS_115KV_TB 1 80737 | 32.77 1.51 0.00 | 31.40 1.42 -1.08 | 30.43 1.30 -1.70 | 29.68 1.55 0.00 | 36.00 1.56 -7.66 | 79.46 1.15 -59.55 | 39.84 1.95 0.00 | 47.26 2.19 0.00 | 45.05 1.91 0.00 | 42.14 1.49 -0.49 | 42.45 1.91 -0.08 | 42.71 2.00 -1.16 | 42.36 1.86 -0.06 | 42.39 1.87 0.90 | 40.27 1.90 -0.99 | 42.90 1.86 0.00 | 41.42 1.84 0.00 | 40.01 1.74 0.00 | 41.65 1.69 0.00 | 38.83 1.52 0.00 | 39.91 1.51 0.00 | 35.28 1.13 0.00 | 33.26 0.99 0.00 | 29.46 0.87 0.00 |
| ST LAWRENCE___ 23600 | 31.30 0.04 0.00 | 28.86 -0.04 0.00 | 27.40 -0.03 0.00 | 28.07 -0.06 0.00 | 26.69 -0.09 0.00 | 18.69 -0.06 0.00 | 38.23 0.34 0.00 | 45.84 0.78 0.00 | 43.86 0.72 0.00 | 40.80 0.64 0.00 | 40.71 0.25 0.00 | 39.75 0.20 0.00 | 40.72 0.27 0.00 | 41.48 0.33 0.26 | 37.42 0.05 0.00 | 41.08 0.04 0.00 | 39.57 -0.01 0.00 | 38.23 -0.04 0.00 | 39.89 -0.07 0.00 | 37.23 -0.07 0.00 | 38.46 0.07 0.00 | 34.23 0.08 0.00 | 32.43 0.15 0.00 | 28.74 0.15 0.00 |
| STATE_CA_115KV_115_LB 55624 | 32.55 1.29 0.00 | 31.00 1.25 -0.85 | 29.95 1.18 -1.33 | 29.38 1.25 0.00 | 34.02 1.25 -5.98 | 66.30 0.83 -46.72 | 39.31 1.42 0.00 | 46.44 1.38 0.00 | 44.42 1.28 0.00 | 41.80 1.14 -0.50 | 41.99 1.45 -0.08 | 42.07 1.34 -1.18 | 41.91 1.40 -0.06 | 41.89 1.38 0.91 | 39.83 1.45 -1.02 | 42.53 1.49 0.00 | 40.95 1.37 0.00 | 39.41 1.15 0.00 | 41.12 1.16 0.00 | 38.64 1.34 0.00 | 39.57 1.17 0.00 | 35.23 1.07 0.00 | 33.27 1.00 0.00 | 29.44 0.85 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 31.17 -0.10 0.00 | 28.93 -0.07 -0.09 | 27.48 -0.10 -0.14 | 27.86 -0.27 0.00 | 27.23 -0.21 -0.66 | 23.93 -0.06 -5.23 | 37.92 -0.64 -0.68 | 44.25 -0.81 0.00 | 42.47 -0.67 0.00 | 39.93 -0.58 -0.35 | 40.07 -0.37 0.01 | 39.05 -0.30 0.19 | 40.08 -0.36 0.01 | 36.65 -0.43 4.34 | 37.05 -0.16 0.16 | 40.86 -0.18 0.00 | 39.54 -0.05 0.00 | 38.23 -0.04 0.00 | 39.99 0.04 0.00 | 37.11 -0.19 0.00 | 38.34 -0.06 0.00 | 34.07 -0.08 0.00 | 32.11 -0.16 0.00 | 28.44 -0.14 0.00 |
| STATION 5_MISC_HYD 23604 | 28.99 -1.02 1.25 | 27.01 -1.00 0.90 | 26.02 -1.07 0.34 | 26.66 -1.24 0.23 | 26.32 -1.11 -0.65 | 23.06 -0.83 -5.14 | 33.77 -2.48 1.64 | 42.09 -2.97 0.00 | 40.51 -2.63 0.00 | 36.75 -2.32 1.10 | 38.15 -2.11 0.20 | 36.81 -1.95 0.78 | 37.44 -2.04 0.97 | 32.77 -2.05 6.61 | 33.54 -1.46 2.37 | 36.58 -1.61 2.86 | 34.96 -1.35 3.27 | 36.14 -1.43 0.70 | 38.34 -1.62 0.00 | 35.06 -1.81 0.43 | 34.19 -1.49 2.72 | 31.68 -1.40 1.08 | 30.74 -1.44 0.10 | 27.38 -1.12 0.09 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 30.81 -0.45 0.00 | 28.52 -0.47 -0.09 | 27.03 -0.54 -0.14 | 27.46 -0.67 0.00 | 26.86 -0.57 -0.65 | 23.48 -0.40 -5.13 | 34.65 -1.50 1.75 | 43.33 -1.74 0.00 | 41.66 -1.48 0.00 | 37.64 -1.31 1.21 | 39.36 -1.09 0.01 | 38.46 -0.90 0.19 | 39.47 -0.97 0.01 | 36.02 -0.94 4.45 | 36.69 -0.52 0.16 | 40.46 -0.59 0.00 | 39.23 -0.35 0.00 | 37.88 -0.38 0.00 | 39.45 -0.51 0.00 | 36.57 -0.74 0.00 | 37.85 -0.55 0.00 | 33.59 -0.56 0.00 | 31.59 -0.69 0.00 | 28.07 -0.52 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 30.12 -1.14 0.00 | 27.89 -1.10 -0.09 | 26.40 -1.17 -0.14 | 26.79 -1.34 0.00 | 26.24 -1.19 -0.64 | 23.00 -0.87 -5.12 | 33.75 -2.51 1.62 | 42.06 -3.00 0.00 | 40.48 -2.67 0.00 | 36.69 -2.37 1.10 | 38.28 -2.16 0.01 | 37.33 -2.03 0.19 | 38.36 -2.08 0.01 | 34.79 -2.14 4.48 | 35.64 -1.57 0.16 | 39.30 -1.74 0.00 | 38.12 -1.46 0.00 | 36.73 -1.54 0.00 | 38.23 -1.72 0.00 | 35.42 -1.88 0.00 | 36.78 -1.62 0.00 | 32.63 -1.53 0.00 | 30.70 -1.58 0.00 | 27.33 -1.25 0.00 |
| STA_56___34_KV_BUS2 355983 | 30.12 -1.14 0.00 | 27.89 -1.10 -0.09 | 26.40 -1.17 -0.14 | 26.79 -1.34 0.00 | 26.24 -1.19 -0.64 | 23.00 -0.87 -5.12 | 33.75 -2.51 1.62 | 42.06 -3.00 0.00 | 40.48 -2.67 0.00 | 36.69 -2.37 1.10 | 38.28 -2.16 0.01 | 37.33 -2.03 0.19 | 38.36 -2.08 0.01 | 34.79 -2.14 4.48 | 35.64 -1.57 0.16 | 39.30 -1.74 0.00 | 38.12 -1.46 0.00 | 36.73 -1.54 0.00 | 38.23 -1.72 0.00 | 35.42 -1.88 0.00 | 36.78 -1.62 0.00 | 32.63 -1.53 0.00 | 30.70 -1.58 0.00 | 27.33 -1.25 0.00 |
| STA_67___115KV_BK2 355882 | 30.18 -1.08 0.00 | 27.95 -1.04 -0.09 | 26.45 -1.13 -0.14 | 26.83 -1.30 0.00 | 26.27 -1.16 -0.65 | 23.03 -0.86 -5.14 | 33.70 -2.56 1.64 | 41.99 -3.08 0.00 | 40.41 -2.73 0.00 | 36.64 -2.43 1.09 | 38.23 -2.21 0.01 | 37.31 -2.05 0.19 | 38.30 -2.14 0.01 | 34.79 -2.14 4.48 | 35.67 -1.54 0.16 | 39.34 -1.71 0.00 | 38.15 -1.43 0.00 | 36.75 -1.51 0.00 | 38.24 -1.72 0.00 | 35.42 -1.88 0.00 | 36.82 -1.57 0.00 | 32.68 -1.48 0.00 | 30.76 -1.52 0.00 | 27.40 -1.18 0.00 |
| STA_7___115KV_9TRANS 80674 | 30.39 -0.87 0.00 | 28.14 -0.86 -0.09 | 26.62 -0.95 -0.14 | 27.00 -1.13 0.00 | 26.44 -0.99 -0.65 | 23.16 -0.73 -5.14 | 33.97 -2.28 1.64 | 42.34 -2.73 0.00 | 40.75 -2.39 0.00 | 36.95 -2.11 1.10 | 38.56 -1.88 0.01 | 37.64 -1.72 0.19 | 38.63 -1.81 0.01 | 35.15 -1.79 4.48 | 35.98 -1.23 0.16 | 39.67 -1.37 0.00 | 38.48 -1.10 0.00 | 37.09 -1.17 0.00 | 38.59 -1.37 0.00 | 35.73 -1.57 0.00 | 37.14 -1.25 0.00 | 32.95 -1.21 0.00 | 30.99 -1.28 0.00 | 27.60 -0.98 0.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| STA_82___115KV_TB1 80780 | 30.20 -1.06 0.00 | 27.97 -1.03 -0.09 | 26.47 -1.10 -0.14 | 26.84 -1.29 0.00 | 26.29 -1.15 -0.65 | 23.06 -0.85 -5.15 | 33.69 -2.54 1.66 | 42.01 -3.05 0.00 | 40.44 -2.71 0.00 | 36.65 -2.41 1.11 | 38.25 -2.20 0.01 | 37.33 -2.03 0.19 | 38.33 -2.11 0.01 | 34.82 -2.11 4.48 | 35.69 -1.51 0.16 | 39.36 -1.68 0.00 | 38.17 -1.41 0.00 | 36.78 -1.49 0.00 | 38.26 -1.70 0.00 | 35.42 -1.88 0.00 | 36.84 -1.55 0.00 | 32.70 -1.46 0.00 | 30.76 -1.51 0.00 | 27.42 -1.17 0.00 |
| STEEL___WIND 323596 | 27.55 -0.93 2.78 | 25.83 -0.96 2.11 | 25.34 -1.18 0.91 | 26.08 -1.54 0.52 | 26.14 -1.42 -0.77 | 23.71 -1.16 -6.12 | 31.56 -3.57 2.75 | 40.68 -4.38 0.00 | 39.27 -3.87 0.00 | 34.90 -3.47 1.79 | 36.77 -3.26 0.43 | 35.05 -2.94 1.56 | 35.26 -3.06 2.13 | 29.53 -2.89 8.99 | 30.29 -2.04 5.05 | 32.61 -2.18 6.26 | 30.37 -1.89 7.33 | 34.66 -2.04 1.57 | 37.65 -2.31 0.00 | 33.78 -2.56 0.96 | 30.33 -1.99 6.08 | 29.93 -1.81 2.42 | 30.29 -1.76 0.22 | 27.11 -1.28 0.20 |
| STEPHTWN_115KV_BK_2 55603 | 32.77 1.51 0.00 | 31.10 1.44 -0.75 | 29.98 1.36 -1.19 | 29.51 1.39 0.00 | 33.56 1.46 -5.32 | 61.35 0.98 -41.62 | 39.65 1.77 0.00 | 46.95 1.89 0.00 | 44.81 1.67 0.00 | 42.15 1.49 -0.51 | 42.38 1.83 -0.08 | 42.45 1.71 -1.19 | 42.27 1.76 -0.06 | 42.24 1.74 0.91 | 40.15 1.76 -1.02 | 42.90 1.86 0.00 | 41.28 1.70 0.00 | 39.85 1.58 0.00 | 41.61 1.65 0.00 | 39.03 1.73 0.00 | 39.90 1.50 0.00 | 35.49 1.33 0.00 | 33.58 1.30 0.00 | 29.61 1.03 0.00 |
| STEBEN_REC_LFGE 323667 | 31.07 -0.20 -0.01 | 28.71 -0.33 -0.13 | 27.15 -0.50 -0.21 | 27.27 -0.86 0.00 | 26.80 -0.93 -0.94 | 25.49 -0.75 -7.48 | 23.78 -3.08 11.03 | 41.36 -3.70 0.00 | 40.51 -2.63 0.00 | 33.78 -2.92 3.47 | 37.54 -2.91 0.02 | 36.55 -2.75 0.25 | 37.73 -2.71 0.01 | 34.93 -2.37 4.12 | 35.72 -1.44 0.21 | 39.85 -1.19 0.00 | 38.86 -0.73 0.00 | 37.78 -0.49 0.00 | 39.45 -0.51 0.00 | 36.47 -0.83 0.00 | 38.15 -0.25 0.00 | 33.75 -0.41 0.00 | 31.70 -0.58 0.00 | 28.25 -0.34 0.00 |
| STILLWATER___SOLAR 323814 | 33.07 1.81 0.00 | 31.70 1.75 -1.06 | 30.74 1.64 -1.66 | 29.90 1.77 0.00 | 36.03 1.76 -7.49 | 78.27 1.26 -58.25 | 40.09 2.20 0.00 | 47.43 2.37 0.00 | 45.33 2.18 0.00 | 42.61 1.95 -0.50 | 42.88 2.34 -0.08 | 43.02 2.28 -1.18 | 42.75 2.24 -0.06 | 42.83 2.31 0.90 | 40.61 2.22 -1.01 | 43.45 2.40 0.00 | 41.82 2.24 0.00 | 40.24 1.97 0.00 | 42.03 2.08 0.00 | 39.31 2.00 0.00 | 40.38 1.98 0.00 | 35.83 1.67 0.00 | 33.79 1.52 0.00 | 29.87 1.29 0.00 |
| STONY___BROOK 24151 | 98.08 3.59 -63.22 | 32.89 3.32 -0.68 | 31.49 3.11 -0.95 | 31.33 3.18 -0.02 | 39.36 3.01 -9.57 | 81.32 2.02 -60.55 | 73.12 4.02 -31.22 | 91.31 4.45 -41.80 | 121.99 4.33 -74.52 | 76.79 3.85 -32.78 | 61.42 4.24 -16.73 | 75.03 4.19 -31.29 | 92.57 4.43 -47.70 | 98.38 4.53 -52.43 | 77.34 4.19 -35.78 | 84.40 4.59 -38.76 | 102.82 4.47 -58.77 | 134.31 4.37 -91.67 | 133.07 4.55 -88.56 | 152.64 4.25 -111.09 | 57.69 4.09 -15.21 | 68.09 3.67 -30.27 | 69.71 3.34 -34.10 | 79.90 2.93 -48.39 |
| STURGEON_POOL_HYD 23609 | 33.06 1.80 0.00 | 31.00 1.66 -0.44 | 29.69 1.56 -0.69 | 29.75 1.63 0.00 | 31.40 1.46 -3.16 | 44.72 0.98 -24.99 | 39.68 1.79 0.00 | 46.98 1.92 0.00 | 45.02 1.88 0.00 | 41.98 1.82 0.00 | 42.75 2.29 0.00 | 41.82 2.27 0.00 | 42.75 2.30 0.00 | 42.40 2.27 1.28 | 39.48 2.11 0.00 | 43.36 2.31 0.00 | 41.80 2.22 0.00 | 40.39 2.12 0.00 | 42.24 2.28 0.00 | 39.39 2.09 0.00 | 40.35 1.96 0.00 | 35.90 1.75 0.00 | 33.78 1.50 0.00 | 29.90 1.31 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 32.86 1.60 0.00 | 30.76 1.50 -0.36 | 29.42 1.42 -0.57 | 29.58 1.45 0.00 | 30.72 1.31 -2.63 | 40.50 0.90 -20.85 | 39.52 1.64 0.00 | 46.78 1.72 0.00 | 44.79 1.64 0.00 | 39.47 1.46 2.16 | 41.99 1.90 0.36 | 36.33 1.87 5.08 | 42.09 1.89 0.25 | 41.04 1.85 2.22 | 34.76 1.74 4.36 | 42.94 1.90 0.00 | 41.47 1.88 0.00 | 40.06 1.79 0.00 | 41.91 1.96 0.00 | 39.12 1.82 0.00 | 40.05 1.66 0.00 | 35.64 1.48 0.00 | 33.53 1.25 0.00 | 29.69 1.10 0.00 |
| SWANROAD_115KV_TB1 355699 | 28.93 -2.35 -0.03 | 26.77 -2.24 -0.11 | 25.26 -2.34 -0.17 | 25.43 -2.70 0.00 | 25.06 -2.46 -0.74 | 22.75 -1.85 -5.85 | 30.38 -5.09 2.42 | 38.64 -6.42 0.00 | 37.36 -5.78 0.00 | 33.37 -5.19 1.59 | 35.39 -5.06 0.02 | 34.56 -4.78 0.21 | 35.51 -4.93 0.01 | 32.23 -4.83 4.36 | 33.41 -3.78 0.18 | 36.93 -4.11 0.00 | 35.81 -3.78 0.00 | 34.39 -3.87 0.00 | 35.68 -4.27 0.00 | 32.94 -4.36 0.00 | 34.62 -3.77 0.00 | 30.82 -3.33 0.00 | 29.07 -3.20 0.00 | 26.17 -2.41 0.00 |
| SYNERGY___BIOGAS 323694 | 28.47 -0.87 1.91 | 26.57 -0.91 1.42 | 25.81 -1.03 0.59 | 26.45 -1.32 0.35 | 26.34 -1.15 -0.70 | 23.43 -0.88 -5.56 | 32.97 -2.81 2.10 | 41.63 -3.43 0.00 | 40.19 -2.95 0.00 | 36.18 -2.58 1.40 | 37.78 -2.38 0.30 | 36.27 -2.15 1.12 | 36.69 -2.28 1.48 | 31.61 -2.17 7.64 | 32.36 -1.48 3.53 | 35.10 -1.61 4.34 | 33.24 -1.31 5.04 | 35.75 -1.44 1.08 | 38.26 -1.70 0.00 | 34.67 -1.98 0.66 | 32.78 -1.43 4.18 | 31.19 -1.30 1.66 | 30.75 -1.37 0.15 | 27.51 -0.94 0.13 |
| SYRACUSE___ENERGY_ST1 323597 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 30.81 -0.45 0.00 | 28.56 -0.42 -0.08 | 27.14 -0.42 -0.13 | 27.65 -0.48 0.00 | 26.94 -0.42 -0.57 | 23.05 -0.26 -4.56 | 37.01 -0.88 0.00 | 43.98 -1.09 0.00 | 42.16 -0.98 0.00 | 39.22 -0.87 0.07 | 39.74 -0.71 0.01 | 38.73 -0.66 0.17 | 39.75 -0.69 0.01 | 36.23 -0.79 4.40 | 36.73 -0.50 0.14 | 40.49 -0.55 0.00 | 39.18 -0.41 0.00 | 37.88 -0.39 0.00 | 39.55 -0.41 0.00 | 36.81 -0.49 0.00 | 37.92 -0.47 0.00 | 33.70 -0.46 0.00 | 31.76 -0.51 0.00 | 28.15 -0.43 0.00 |
| SYRACUSE___POWER 24017 | 30.80 -0.46 0.00 | 28.56 -0.43 -0.08 | 27.13 -0.43 -0.13 | 27.65 -0.48 0.00 | 26.95 -0.42 -0.58 | 23.12 -0.27 -4.64 | 37.56 -0.88 -0.55 | 43.97 -1.09 0.00 | 42.17 -0.97 0.00 | 39.58 -0.86 -0.29 | 39.77 -0.68 0.01 | 38.75 -0.63 0.17 | 39.77 -0.67 0.01 | 36.39 -0.78 4.24 | 36.75 -0.48 0.15 | 40.51 -0.53 0.00 | 39.18 -0.40 0.00 | 37.90 -0.37 0.00 | 39.55 -0.41 0.00 | 36.82 -0.48 0.00 | 37.92 -0.48 0.00 | 33.68 -0.48 0.00 | 31.73 -0.54 0.00 | 28.13 -0.46 0.00 |
| TALLMAN___138KV_BK151 55660 | 32.93 1.67 0.00 | 30.84 1.57 -0.37 | 29.50 1.49 -0.58 | 29.64 1.51 0.00 | 30.85 1.38 -2.69 | 40.99 0.95 -21.29 | 39.61 1.72 0.00 | 46.86 1.79 0.00 | 44.85 1.71 0.00 | 39.11 1.49 2.54 | 41.99 1.96 0.43 | 35.49 1.91 5.97 | 42.10 1.94 0.29 | 40.95 1.89 2.36 | 34.02 1.76 5.12 | 42.98 1.94 0.00 | 41.51 1.93 0.00 | 40.10 1.83 0.00 | 41.98 2.03 0.00 | 39.19 1.88 0.00 | 40.09 1.69 0.00 | 35.68 1.52 0.00 | 33.56 1.29 0.00 | 29.73 1.15 0.00 |
| TEALLAVE_115KV_TB7 355573 | 30.55 -0.71 0.00 | 28.31 -0.66 -0.07 | 26.90 -0.64 -0.11 | 27.42 -0.70 0.00 | 26.67 -0.63 -0.52 | 22.48 -0.42 -4.14 | 36.69 -1.20 0.00 | 43.59 -1.47 0.00 | 41.80 -1.35 0.00 | 38.90 -1.20 0.07 | 39.42 -1.03 0.01 | 38.44 -0.96 0.15 | 39.43 -1.01 0.01 | 36.09 -1.14 4.19 | 36.45 -0.79 0.13 | 40.16 -0.88 0.00 | 38.85 -0.74 0.00 | 37.56 -0.71 0.00 | 39.18 -0.78 0.00 | 36.49 -0.82 0.00 | 37.58 -0.82 0.00 | 33.38 -0.77 0.00 | 31.47 -0.81 0.00 | 27.90 -0.69 0.00 |

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|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| TELGRAPH_34_KV_EAST 80808 | 29.69 -1.59 -0.02 | 27.45 -1.56 -0.11 | 25.91 -1.69 -0.16 | 26.13 -2.00 0.00 | 25.70 -1.80 -0.72 | 23.07 -1.37 -5.68 | 31.66 -3.99 2.24 | 40.10 -4.96 0.00 | 38.74 -4.40 0.00 | 34.74 -3.93 1.48 | 36.69 -3.75 0.02 | 35.85 -3.49 0.21 | 36.81 -3.63 0.01 | 33.52 -3.51 4.38 | 34.55 -2.64 0.18 | 38.17 -2.88 0.00 | 37.02 -2.57 0.00 | 35.58 -2.69 0.00 | 36.92 -3.04 0.00 | 34.09 -3.21 0.00 | 35.82 -2.57 0.00 | 31.89 -2.26 0.00 | 30.04 -2.23 0.00 | 26.95 -1.64 0.00 |
| TEMPLE___115KV_TB 2 55572 | 30.57 -0.69 0.00 | 28.34 -0.64 -0.07 | 26.92 -0.63 -0.12 | 27.45 -0.68 0.00 | 26.70 -0.62 -0.53 | 22.53 -0.41 -4.19 | 36.71 -1.17 0.00 | 43.60 -1.46 0.00 | 41.82 -1.33 0.00 | 38.92 -1.18 0.07 | 39.45 -1.00 0.01 | 38.47 -0.93 0.15 | 39.46 -0.99 0.01 | 36.10 -1.10 4.21 | 36.48 -0.76 0.13 | 40.18 -0.86 0.00 | 38.88 -0.71 0.00 | 37.59 -0.68 0.00 | 39.21 -0.74 0.00 | 36.51 -0.79 0.00 | 37.60 -0.79 0.00 | 33.41 -0.75 0.00 | 31.48 -0.79 0.00 | 27.92 -0.66 0.00 |
| TIANA___69_KV_BK 1 55817 | 98.70 4.10 -63.34 | 33.36 3.78 -0.68 | 32.00 3.62 -0.95 | 31.82 3.68 -0.02 | 39.85 3.49 -9.58 | 81.70 2.33 -60.62 | 73.88 4.67 -31.32 | 92.12 5.32 -41.74 | 122.95 5.12 -74.69 | 77.36 4.37 -32.83 | 61.86 4.68 -16.72 | 75.46 4.61 -31.30 | 93.06 4.87 -47.74 | 99.06 5.16 -52.48 | 77.99 4.80 -35.82 | 85.09 5.32 -38.73 | 103.49 5.20 -58.71 | 134.91 5.13 -91.51 | 133.69 5.34 -88.39 | 153.29 4.95 -111.03 | 58.48 4.84 -15.25 | 68.84 4.30 -30.38 | 70.33 3.87 -34.19 | 80.41 3.39 -48.43 |
| TILDEN___115KV_TB1 80814 | 30.80 -0.46 0.00 | 28.56 -0.43 -0.08 | 27.13 -0.43 -0.13 | 27.65 -0.48 0.00 | 26.95 -0.42 -0.58 | 23.12 -0.27 -4.64 | 37.56 -0.88 -0.55 | 43.97 -1.09 0.00 | 42.17 -0.97 0.00 | 39.58 -0.86 -0.29 | 39.77 -0.68 0.01 | 38.75 -0.63 0.17 | 39.77 -0.67 0.01 | 36.39 -0.78 4.24 | 36.75 -0.48 0.15 | 40.51 -0.53 0.00 | 39.18 -0.40 0.00 | 37.90 -0.37 0.00 | 39.55 -0.41 0.00 | 36.82 -0.48 0.00 | 37.92 -0.48 0.00 | 33.68 -0.48 0.00 | 31.73 -0.54 0.00 | 28.13 -0.46 0.00 |
| TRIGEN___CC 323695 | 76.70 2.84 -42.60 | 32.09 2.62 -0.57 | 30.72 2.46 -0.83 | 30.62 2.49 0.00 | 36.48 2.34 -7.36 | 68.01 1.55 -47.70 | 55.52 2.94 -14.70 | 99.93 3.25 -51.61 | 93.27 3.16 -46.97 | 67.30 2.88 -24.26 | 60.97 3.37 -17.15 | 72.56 3.30 -29.71 | 85.11 3.41 -41.25 | 89.00 3.42 -44.17 | 69.55 3.18 -28.99 | 89.26 3.42 -44.79 | 111.91 3.24 -69.09 | 160.54 3.14 -119.13 | 160.38 3.30 -117.12 | 162.10 3.09 -121.71 | 50.30 2.92 -8.98 | 48.42 2.66 -11.60 | 53.13 2.41 -18.45 | 71.63 2.10 -40.95 |
| TRINITY___115KV___4 BK 55933 | 32.43 1.17 0.00 | 30.82 1.15 -0.77 | 29.71 1.08 -1.21 | 29.28 1.15 0.00 | 33.35 1.15 -5.42 | 61.92 0.76 -42.40 | 39.14 1.26 0.00 | 46.22 1.16 0.00 | 44.20 1.06 0.00 | 41.61 0.94 -0.51 | 41.80 1.25 -0.08 | 41.88 1.13 -1.19 | 41.70 1.19 -0.06 | 41.67 1.17 0.91 | 39.64 1.25 -1.02 | 42.32 1.27 0.00 | 40.74 1.16 0.00 | 39.20 0.93 0.00 | 40.92 0.96 0.00 | 38.47 1.16 0.00 | 39.40 1.01 0.00 | 35.09 0.93 0.00 | 33.15 0.88 0.00 | 29.33 0.75 0.00 |
| UNION___PROCESSING_DRP 323587 | 30.20 -1.06 0.00 | 27.98 -1.02 -0.09 | 26.47 -1.10 -0.14 | 26.85 -1.28 0.00 | 26.30 -1.14 -0.65 | 23.07 -0.84 -5.15 | 33.69 -2.53 1.66 | 42.02 -3.04 0.00 | 40.46 -2.69 0.00 | 36.66 -2.39 1.11 | 38.27 -2.18 0.01 | 37.35 -2.01 0.19 | 38.34 -2.10 0.01 | 34.83 -2.10 4.48 | 35.71 -1.50 0.16 | 39.38 -1.67 0.00 | 38.19 -1.39 0.00 | 36.79 -1.47 0.00 | 38.28 -1.68 0.00 | 35.45 -1.85 0.00 | 36.86 -1.54 0.00 | 32.71 -1.45 0.00 | 30.78 -1.49 0.00 | 27.43 -1.16 0.00 |
| UPPER HUDSON___HYD 24058 | 32.77 1.51 0.00 | 31.40 1.42 -1.08 | 30.44 1.30 -1.70 | 29.67 1.54 0.00 | 36.01 1.56 -7.66 | 79.47 1.16 -59.55 | 39.84 1.95 0.00 | 47.25 2.19 0.00 | 45.05 1.91 0.00 | 42.14 1.49 -0.49 | 42.45 1.91 -0.08 | 42.71 2.01 -1.16 | 42.37 1.86 -0.06 | 42.39 1.88 0.90 | 40.27 1.90 -0.99 | 42.90 1.86 0.00 | 41.42 1.84 0.00 | 40.02 1.75 0.00 | 41.65 1.69 0.00 | 38.83 1.53 0.00 | 39.91 1.52 0.00 | 35.29 1.13 0.00 | 33.26 0.98 0.00 | 29.45 0.87 0.00 |
| UPPER RAQUET___HYD 24056 | 31.60 0.34 0.00 | 29.11 0.21 0.00 | 27.66 0.23 0.00 | 28.34 0.21 0.00 | 26.86 0.08 0.00 | 18.69 -0.09 -0.03 | 38.32 0.43 0.00 | 46.08 1.02 0.00 | 44.08 0.94 0.00 | 41.00 0.84 0.00 | 40.88 0.43 0.00 | 39.88 0.33 0.00 | 40.87 0.42 0.00 | 41.21 0.52 0.72 | 37.56 0.19 0.00 | 41.20 0.16 0.00 | 39.54 -0.05 0.00 | 38.18 -0.09 0.00 | 39.79 -0.16 0.00 | 37.16 -0.15 0.00 | 38.58 0.18 0.00 | 34.60 0.44 0.00 | 32.83 0.56 0.00 | 29.10 0.52 0.00 |
| VALLEY44_115KV_TB2 355964 | 31.64 0.36 -0.02 | 29.33 0.30 -0.12 | 27.63 0.02 -0.19 | 27.81 -0.32 0.00 | 27.32 -0.27 -0.81 | 24.70 -0.47 -6.42 | 32.96 -2.11 2.82 | 42.38 -2.69 0.00 | 40.78 -2.36 0.00 | 36.19 -2.10 1.87 | 38.81 -1.63 0.02 | 38.10 -1.22 0.23 | 39.18 -1.26 0.01 | 36.23 -0.93 4.25 | 36.73 -0.44 0.20 | 40.28 -0.76 0.00 | 39.03 -0.55 0.00 | 37.42 -0.85 0.00 | 38.95 -1.00 0.00 | 35.97 -1.34 0.00 | 37.48 -0.91 0.00 | 33.36 -0.80 0.00 | 31.53 -0.74 0.00 | 28.23 -0.35 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 31.71 0.45 0.00 | 29.43 0.53 0.00 | 28.00 0.57 0.00 | 28.83 0.70 0.00 | 27.49 0.72 0.00 | 19.29 0.51 -0.02 | 38.81 0.92 0.00 | 45.92 0.86 0.00 | 43.90 0.76 0.00 | 40.83 0.67 0.00 | 41.55 1.09 0.00 | 40.59 1.04 0.00 | 41.49 1.04 0.00 | 41.81 0.97 0.57 | 38.35 0.98 0.00 | 42.17 1.13 0.00 | 40.61 1.03 0.00 | 39.21 0.95 0.00 | 41.00 1.04 0.00 | 38.34 1.04 0.00 | 39.27 0.87 0.00 | 34.89 0.74 0.00 | 32.92 0.65 0.00 | 29.07 0.48 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 32.80 1.54 0.00 | 30.70 1.48 -0.32 | 29.32 1.39 -0.50 | 29.57 1.44 0.00 | 30.42 1.36 -2.28 | 37.49 0.92 -17.81 | 40.18 1.71 -0.58 | 46.88 1.82 0.00 | 44.84 1.69 0.00 | 41.91 1.56 -0.20 | 42.25 1.82 0.03 | 40.92 1.76 0.38 | 42.12 1.69 0.02 | 40.53 1.77 2.65 | 38.74 1.69 0.33 | 42.90 1.86 0.00 | 41.38 1.80 0.00 | 40.00 1.73 0.00 | 41.84 1.89 0.00 | 38.99 1.68 0.00 | 40.05 1.65 0.00 | 35.59 1.43 0.00 | 33.53 1.26 0.00 | 29.67 1.09 0.00 |
| VISCHER___FERRY HYD 24020 | 32.90 1.64 0.00 | 31.49 1.61 -0.97 | 30.50 1.54 -1.53 | 29.74 1.61 0.00 | 35.23 1.58 -6.87 | 73.31 1.10 -53.45 | 39.75 1.86 0.00 | 46.89 1.83 0.00 | 44.88 1.74 0.00 | 42.32 1.63 -0.53 | 42.56 2.01 -0.09 | 42.67 1.88 -1.24 | 42.40 1.89 -0.06 | 42.49 1.96 0.89 | 40.34 1.90 -1.06 | 43.17 2.13 0.00 | 41.44 1.86 0.00 | 39.78 1.51 0.00 | 41.66 1.70 0.00 | 39.08 1.78 0.00 | 40.14 1.74 0.00 | 35.68 1.53 0.00 | 33.67 1.40 0.00 | 29.78 1.20 0.00 |
| V_A_10_SYNC_DSASP 323832 | 27.41 -1.80 2.04 | 25.66 -1.73 1.52 | 24.98 -1.81 0.64 | 25.69 -2.06 0.37 | 25.58 -1.89 -0.69 | 22.75 -1.45 -5.44 | 31.91 -4.04 1.94 | 40.09 -4.98 0.00 | 38.65 -4.50 0.00 | 34.83 -4.05 1.29 | 36.32 -3.83 0.31 | 34.79 -3.59 1.17 | 35.19 -3.71 1.55 | 29.91 -3.67 7.84 | 30.86 -2.80 3.71 | 33.41 -3.07 4.56 | 31.49 -2.78 5.31 | 34.23 -2.91 1.14 | 36.75 -3.20 0.00 | 33.28 -3.33 0.70 | 31.09 -2.90 4.41 | 29.79 -2.61 1.75 | 29.60 -2.51 0.16 | 26.51 -1.93 0.14 |
| V_CMM_10_SYNC_DSASP 323787 | 31.46 0.20 0.00 | 29.00 0.10 0.00 | 27.53 0.10 0.00 | 28.20 0.07 0.00 | 26.82 0.04 0.00 | 18.78 0.03 0.00 | 38.40 0.51 0.00 | 46.05 0.99 0.00 | 44.07 0.93 0.00 | 40.99 0.83 0.00 | 40.90 0.44 0.00 | 39.95 0.40 0.00 | 40.91 0.46 0.00 | 41.69 0.53 0.26 | 37.59 0.21 0.00 | 41.28 0.23 0.00 | 39.77 0.19 0.00 | 38.42 0.15 0.00 | 40.08 0.12 0.00 | 37.41 0.10 0.00 | 38.65 0.25 0.00 | 34.40 0.24 0.00 | 32.57 0.30 0.00 | 28.87 0.28 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| V_CMP_10_SYNC_DSASP 323788 | 32.06 0.80 0.00 | 29.63 0.73 0.00 | 28.31 0.88 0.00 | 29.07 0.95 0.00 | 27.68 0.90 0.00 | 19.43 0.68 0.00 | 39.62 1.74 0.00 | 47.43 2.37 0.00 | 45.42 2.27 0.00 | 42.19 2.03 0.00 | 42.40 1.94 0.00 | 41.35 1.80 0.00 | 42.28 1.83 0.00 | 43.00 1.87 0.29 | 39.01 1.64 0.00 | 42.76 1.72 0.00 | 41.27 1.69 0.00 | 39.82 1.55 0.00 | 41.61 1.65 0.00 | 38.88 1.58 0.00 | 39.91 1.51 0.00 | 35.44 1.28 0.00 | 33.56 1.29 0.00 | 30.10 1.51 0.00 |
| V_D_10_SYNC_DSASP 323841 | 26.50 -2.24 2.53 | 24.85 -2.14 1.91 | 24.36 -2.25 0.82 | 25.04 -2.62 0.47 | 25.11 -2.42 -0.74 | 22.77 -1.85 -5.86 | 30.35 -5.08 2.45 | 38.44 -6.63 0.00 | 37.15 -5.99 0.00 | 33.16 -5.40 1.60 | 35.20 -5.25 0.02 | 34.37 -4.96 0.21 | 35.34 -5.09 0.01 | 32.12 -4.94 4.36 | 33.29 -3.90 0.18 | 36.85 -4.19 0.00 | 35.68 -3.90 0.00 | 34.17 -4.10 0.00 | 35.43 -4.53 0.00 | 32.75 -4.56 0.00 | 34.41 -3.99 0.00 | 30.57 -3.59 0.00 | 28.82 -3.46 0.00 | 25.95 -2.63 0.00 |
| V_E_10_SYNC_DSASP 323830 | 34.60 2.59 -0.74 | 32.14 2.45 -0.79 | 30.40 2.37 -0.61 | 30.63 2.37 -0.14 | 30.64 2.43 -1.44 | 31.81 1.74 -11.32 | 45.58 3.45 -4.24 | 49.36 4.30 0.00 | 47.31 4.17 0.00 | 46.69 3.92 -2.61 | 44.78 4.23 -0.09 | 43.89 4.31 -0.03 | 45.34 4.37 -0.53 | 43.37 4.18 2.23 | 42.25 3.93 -0.95 | 47.00 4.41 -1.55 | 46.02 4.53 -1.91 | 43.11 4.45 -0.40 | 44.44 4.49 0.00 | 41.56 4.01 -0.25 | 43.98 4.03 -1.55 | 38.08 3.31 -0.62 | 35.23 2.90 -0.06 | 31.09 2.46 -0.05 |
| V_F_30_NSYNC___DSASP 323816 | 33.10 1.84 0.00 | 31.73 1.76 -1.07 | 30.77 1.66 -1.68 | 29.93 1.80 0.00 | 36.12 1.77 -7.57 | 78.85 1.26 -58.84 | 40.12 2.23 0.00 | 47.48 2.42 0.00 | 45.37 2.23 0.00 | 42.66 2.00 -0.50 | 42.93 2.39 -0.08 | 43.06 2.34 -1.17 | 42.80 2.29 -0.06 | 42.87 2.36 0.90 | 40.64 2.27 -1.01 | 43.49 2.45 0.00 | 41.86 2.28 0.00 | 40.29 2.02 0.00 | 42.07 2.12 0.00 | 39.34 2.04 0.00 | 40.41 2.02 0.00 | 35.85 1.70 0.00 | 33.81 1.54 0.00 | 29.89 1.31 0.00 |
| V_F_30_SYNC_DSASP 323786 | 32.55 1.29 0.00 | 31.00 1.25 -0.84 | 29.94 1.18 -1.32 | 29.38 1.25 0.00 | 33.97 1.25 -5.94 | 65.95 0.83 -46.36 | 39.30 1.42 0.00 | 46.44 1.37 0.00 | 44.42 1.27 0.00 | 41.80 1.14 -0.50 | 42.00 1.45 -0.08 | 42.07 1.34 -1.18 | 41.91 1.40 -0.06 | 41.88 1.38 0.91 | 39.83 1.44 -1.02 | 42.52 1.48 0.00 | 40.95 1.37 0.00 | 39.41 1.15 0.00 | 41.12 1.16 0.00 | 38.63 1.33 0.00 | 39.57 1.17 0.00 | 35.22 1.07 0.00 | 33.26 0.99 0.00 | 29.44 0.85 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 32.06 0.80 0.00 | 29.63 0.73 0.00 | 28.31 0.88 0.00 | 29.07 0.95 0.00 | 27.68 0.90 0.00 | 19.43 0.68 0.00 | 39.62 1.74 0.00 | 47.43 2.37 0.00 | 45.42 2.27 0.00 | 42.19 2.03 0.00 | 42.40 1.94 0.00 | 41.35 1.80 0.00 | 42.28 1.83 0.00 | 43.00 1.87 0.29 | 39.01 1.64 0.00 | 42.76 1.72 0.00 | 41.27 1.69 0.00 | 39.82 1.55 0.00 | 41.61 1.65 0.00 | 38.88 1.58 0.00 | 39.91 1.51 0.00 | 35.44 1.28 0.00 | 33.56 1.29 0.00 | 30.10 1.51 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 33.05 1.79 0.00 | 30.95 1.68 -0.37 | 29.61 1.59 -0.58 | 29.74 1.61 0.00 | 31.00 1.52 -2.70 | 41.19 1.05 -21.38 | 39.84 1.95 0.00 | 47.15 2.09 0.00 | 45.13 1.99 0.00 | 39.29 1.76 2.63 | 42.25 2.23 0.44 | 35.56 2.19 6.19 | 42.37 2.22 0.30 | 41.20 2.17 2.39 | 34.10 2.03 5.30 | 43.28 2.24 0.00 | 41.79 2.20 0.00 | 40.37 2.11 0.00 | 42.27 2.31 0.00 | 39.45 2.15 0.00 | 40.35 1.96 0.00 | 35.91 1.76 0.00 | 33.77 1.49 0.00 | 29.90 1.31 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 33.48 2.21 0.00 | 31.33 2.04 -0.39 | 29.98 1.95 -0.61 | 30.12 1.99 0.00 | 31.44 1.83 -2.82 | 42.37 1.22 -22.39 | 40.15 2.26 0.00 | 47.49 2.42 0.00 | 45.51 2.37 0.00 | 43.94 2.23 -1.55 | 43.45 2.73 -0.26 | 45.86 2.67 -3.64 | 43.29 2.66 -0.18 | 43.37 2.66 0.70 | 42.96 2.47 -3.12 | 43.72 2.68 0.00 | 42.17 2.59 0.00 | 40.75 2.48 0.00 | 42.57 2.61 0.00 | 39.74 2.43 0.00 | 40.67 2.28 0.00 | 36.22 2.07 0.00 | 34.04 1.77 0.00 | 30.14 1.56 0.00 |
| W50THST__13_KV_LOAD 356117 | 33.76 2.50 0.00 | 31.59 2.31 -0.39 | 30.25 2.21 -0.61 | 30.38 2.26 0.00 | 31.69 2.08 -2.82 | 42.54 1.40 -22.39 | 40.50 2.62 0.00 | 47.91 2.85 0.00 | 45.95 2.80 0.00 | 44.36 2.65 -1.55 | 43.87 3.16 -0.26 | 46.30 3.11 -3.64 | 43.74 3.11 -0.18 | 43.82 3.11 0.70 | 43.37 2.88 -3.12 | 44.18 3.14 0.00 | 42.62 3.04 0.00 | 41.16 2.89 0.00 | 42.99 3.03 0.00 | 40.09 2.79 0.00 | 41.05 2.66 0.00 | 36.56 2.41 0.00 | 34.34 2.07 0.00 | 30.40 1.81 0.00 |
| WADING RIVER_IC_1 23522 | 98.53 3.92 -63.35 | 33.21 3.63 -0.68 | 31.81 3.42 -0.95 | 31.66 3.52 -0.02 | 39.69 3.33 -9.58 | 81.60 2.22 -60.63 | 73.68 4.47 -31.33 | 91.78 4.98 -41.73 | 122.66 4.82 -74.70 | 77.08 4.09 -32.83 | 61.61 4.43 -16.72 | 75.21 4.36 -31.30 | 92.84 4.65 -47.74 | 98.81 4.91 -52.48 | 77.76 4.56 -35.82 | 84.80 5.04 -38.73 | 103.23 4.94 -58.70 | 134.65 4.88 -91.50 | 133.42 5.09 -88.38 | 153.07 4.74 -111.03 | 58.21 4.57 -15.25 | 68.62 4.07 -30.39 | 70.15 3.68 -34.20 | 80.26 3.23 -48.44 |
| WADING RIVER_IC_2 23547 | 98.53 3.92 -63.35 | 33.21 3.63 -0.68 | 31.81 3.42 -0.95 | 31.66 3.52 -0.02 | 39.69 3.33 -9.58 | 81.60 2.22 -60.63 | 73.68 4.47 -31.33 | 91.78 4.98 -41.73 | 122.66 4.82 -74.70 | 77.08 4.09 -32.83 | 61.61 4.43 -16.72 | 75.21 4.36 -31.30 | 92.84 4.65 -47.74 | 98.81 4.91 -52.48 | 77.76 4.56 -35.82 | 84.80 5.04 -38.73 | 103.23 4.94 -58.70 | 134.65 4.88 -91.50 | 133.42 5.09 -88.38 | 153.07 4.74 -111.03 | 58.21 4.57 -15.25 | 68.62 4.07 -30.39 | 70.15 3.68 -34.20 | 80.26 3.23 -48.44 |
| WADING RIVER_IC_3 23601 | 98.53 3.92 -63.35 | 33.21 3.63 -0.68 | 31.81 3.42 -0.95 | 31.66 3.52 -0.02 | 39.69 3.33 -9.58 | 81.60 2.22 -60.63 | 73.68 4.47 -31.33 | 91.78 4.98 -41.73 | 122.66 4.82 -74.70 | 77.08 4.09 -32.83 | 61.61 4.43 -16.72 | 75.21 4.36 -31.30 | 92.84 4.65 -47.74 | 98.81 4.91 -52.48 | 77.76 4.56 -35.82 | 84.80 5.04 -38.73 | 103.23 4.94 -58.70 | 134.65 4.88 -91.50 | 133.42 5.09 -88.38 | 153.07 4.74 -111.03 | 58.21 4.57 -15.25 | 68.62 4.07 -30.39 | 70.15 3.68 -34.20 | 80.26 3.23 -48.44 |
| WALDENNY_12_KV_BK2 80841 | 30.32 -0.97 -0.03 | 28.02 -1.00 -0.12 | 26.38 -1.23 -0.18 | 26.56 -1.57 0.00 | 26.11 -1.44 -0.77 | 23.70 -1.15 -6.09 | 31.59 -3.58 2.72 | 40.62 -4.44 0.00 | 39.25 -3.89 0.00 | 34.90 -3.49 1.77 | 37.17 -3.27 0.02 | 36.42 -2.91 0.22 | 37.42 -3.02 0.01 | 34.23 -2.88 4.31 | 35.14 -2.05 0.19 | 38.86 -2.18 0.00 | 37.70 -1.89 0.00 | 36.23 -2.03 0.00 | 37.60 -2.36 0.00 | 34.72 -2.58 0.00 | 36.40 -1.99 0.00 | 32.32 -1.84 0.00 | 30.44 -1.84 0.00 | 27.27 -1.31 0.00 |
| WALDEN___HYDRO 24148 | 33.22 1.96 0.00 | 31.10 1.82 -0.38 | 29.74 1.71 -0.59 | 29.87 1.74 0.00 | 31.15 1.62 -2.75 | 41.70 1.12 -21.82 | 40.01 2.12 0.00 | 47.39 2.33 0.00 | 45.37 2.22 0.00 | 41.38 1.99 0.77 | 42.72 2.39 0.13 | 40.11 2.37 1.81 | 42.77 2.41 0.09 | 42.16 2.39 1.64 | 38.04 2.22 1.55 | 43.50 2.46 0.00 | 42.05 2.46 0.00 | 40.68 2.41 0.00 | 42.54 2.59 0.00 | 39.70 2.39 0.00 | 40.63 2.23 0.00 | 36.13 1.97 0.00 | 33.96 1.68 0.00 | 30.04 1.45 0.00 |
| WARRENSBURG____ 23737 | 32.77 1.51 0.00 | 31.40 1.42 -1.08 | 30.44 1.30 -1.70 | 29.67 1.54 0.00 | 36.01 1.56 -7.66 | 79.47 1.16 -59.55 | 39.84 1.95 0.00 | 47.25 2.19 0.00 | 45.05 1.91 0.00 | 42.14 1.49 0.00 | 42.45 1.91 -0.08 | 42.71 2.01 -1.16 | 42.37 1.86 -0.06 | 42.39 1.88 0.90 | 40.27 1.90 -0.99 | 42.90 1.86 0.00 | 41.42 1.84 0.00 | 40.02 1.75 0.00 | 41.65 1.69 0.00 | 38.83 1.53 0.00 | 39.91 1.52 0.00 | 35.29 1.13 0.00 | 33.26 0.98 0.00 | 29.45 0.87 0.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WATERSIDE___6 8 9 23538 | 33.53 2.27 0.00 | 31.37 2.09 -0.39 | 30.02 1.98 -0.61 | 30.14 2.01 0.00 | 31.46 1.85 -2.82 | 42.38 1.23 -22.39 | 40.18 2.30 0.00 | 47.51 2.45 0.00 | 45.52 2.38 0.00 | 43.95 2.25 -1.55 | 43.45 2.73 -0.26 | 45.83 2.65 -3.63 | 43.28 2.66 -0.18 | 43.35 2.64 0.70 | 42.93 2.45 -3.11 | 43.68 2.64 0.00 | 42.12 2.54 0.00 | 40.71 2.44 0.00 | 42.52 2.57 0.00 | 39.72 2.42 0.00 | 40.67 2.28 0.00 | 36.24 2.09 0.00 | 34.02 1.75 0.00 | 30.11 1.52 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 31.68 0.42 0.00 | 29.37 0.46 0.00 | 27.90 0.47 0.00 | 28.68 0.55 0.00 | 27.34 0.56 0.00 | 19.17 0.39 -0.02 | 38.58 0.70 0.00 | 45.72 0.66 0.00 | 43.73 0.59 0.00 | 40.70 0.54 0.00 | 41.27 0.81 0.00 | 40.33 0.78 0.00 | 41.23 0.77 0.00 | 41.58 0.74 0.57 | 38.11 0.74 0.00 | 41.89 0.85 0.00 | 40.35 0.77 0.00 | 39.00 0.73 0.00 | 40.76 0.81 0.00 | 38.10 0.80 0.00 | 39.09 0.69 0.00 | 34.75 0.59 0.00 | 32.79 0.52 0.00 | 28.97 0.39 0.00 |
| WATSON___69_KV_BK 1 55734 | 97.58 3.83 -62.49 | 33.10 3.52 -0.67 | 31.71 3.33 -0.95 | 31.52 3.37 -0.02 | 39.46 3.19 -9.49 | 80.98 2.14 -60.08 | 72.64 4.25 -30.50 | 91.91 4.70 -42.15 | 121.09 4.66 -73.28 | 76.78 4.14 -32.48 | 61.71 4.51 -16.74 | 75.30 4.51 -31.24 | 92.65 4.75 -47.46 | 98.29 4.81 -52.07 | 77.29 4.38 -35.54 | 84.86 4.87 -38.94 | 103.35 4.64 -59.13 | 135.45 4.51 -92.67 | 134.24 4.68 -89.59 | 153.16 4.39 -111.46 | 57.68 4.35 -14.94 | 67.56 3.92 -29.49 | 69.32 3.58 -33.46 | 80.09 3.13 -48.37 |
| WDELAWARE___HYD 323627 | 32.84 1.58 0.00 | 30.67 1.39 -0.37 | 29.32 1.31 -0.58 | 29.47 1.35 0.00 | 30.71 1.24 -2.68 | 40.89 0.87 -21.26 | 39.55 1.67 0.00 | 46.91 1.85 0.00 | 44.87 1.72 0.00 | 41.11 1.55 0.60 | 42.33 1.97 0.10 | 40.10 1.97 1.42 | 42.38 2.00 0.07 | 41.77 1.97 1.62 | 38.00 1.84 1.21 | 43.08 2.04 0.00 | 41.64 2.06 0.00 | 40.26 1.99 0.00 | 42.13 2.17 0.00 | 39.25 1.94 0.00 | 40.19 1.80 0.00 | 35.72 1.56 0.00 | 33.57 1.29 0.00 | 29.72 1.14 0.00 |
| WEST BABYLON___IC 23714 | 95.56 3.62 -60.68 | 32.89 3.32 -0.66 | 31.51 3.14 -0.94 | 31.30 3.16 -0.02 | 39.07 2.99 -9.30 | 79.68 2.00 -58.93 | 70.54 3.94 -28.72 | 92.47 4.36 -43.05 | 117.68 4.31 -70.22 | 75.76 3.87 -31.73 | 61.52 4.28 -16.79 | 74.91 4.25 -31.12 | 91.77 4.46 -46.87 | 97.08 4.49 -51.18 | 76.44 4.12 -34.95 | 84.99 4.55 -39.40 | 103.96 4.33 -60.04 | 137.57 4.20 -95.10 | 136.47 4.38 -92.13 | 153.68 4.13 -112.25 | 56.72 4.06 -14.27 | 65.36 3.66 -27.54 | 67.47 3.35 -31.85 | 78.60 2.92 -47.09 |
| WEST CANADA___HYD 24049 | 31.39 0.13 0.00 | 29.04 0.14 0.00 | 27.57 0.14 0.00 | 28.29 0.16 0.00 | 26.94 0.16 0.00 | 18.89 0.11 -0.02 | 38.08 0.20 0.00 | 45.24 0.18 0.00 | 43.31 0.16 0.00 | 40.30 0.14 0.00 | 40.70 0.24 0.00 | 39.78 0.23 0.00 | 40.67 0.22 0.57 | 41.06 0.22 0.00 | 37.57 0.20 0.00 | 41.28 0.24 0.00 | 39.80 0.22 0.00 | 38.54 0.27 0.00 | 40.24 0.29 0.00 | 37.59 0.29 0.00 | 38.64 0.25 0.00 | 34.37 0.21 0.00 | 32.49 0.21 0.00 | 28.76 0.17 0.00 |
| WESTERN_NY_WIND 24143 | 30.37 -0.91 -0.02 | 28.07 -0.93 -0.10 | 26.51 -1.08 -0.16 | 26.76 -1.37 0.00 | 26.30 -1.19 -0.71 | 23.46 -0.89 -5.60 | 32.84 -2.90 2.15 | 41.52 -3.54 0.00 | 40.09 -3.05 0.00 | 36.04 -2.69 1.42 | 37.97 -2.47 0.01 | 37.11 -2.24 0.20 | 38.07 -2.37 0.01 | 34.78 -2.23 4.40 | 35.66 -1.54 0.17 | 39.36 -1.68 0.00 | 38.21 -1.37 0.00 | 36.77 -1.49 0.00 | 38.17 -1.79 0.00 | 35.26 -2.05 0.00 | 36.91 -1.49 0.00 | 32.80 -1.36 0.00 | 30.83 -1.44 0.00 | 27.58 -1.00 0.00 |
| WESTOVER___LESR 323668 | 31.38 0.12 0.00 | 29.19 0.11 -0.19 | 27.77 0.05 -0.29 | 28.15 0.02 0.00 | 28.13 0.03 -1.32 | 29.17 -0.03 -10.44 | 37.45 -0.44 0.00 | 44.43 -0.63 0.00 | 42.61 -0.53 0.00 | 39.56 -0.45 0.15 | 40.27 -0.16 0.03 | 39.15 -0.04 0.36 | 40.34 -0.09 0.02 | 37.75 -0.16 3.51 | 37.11 0.05 0.30 | 41.14 0.10 0.00 | 39.70 0.12 0.00 | 38.40 0.13 0.00 | 40.08 0.12 0.00 | 37.27 -0.03 0.00 | 38.42 0.03 0.00 | 34.13 -0.03 0.00 | 32.18 -0.09 0.00 | 28.53 -0.05 0.00 |
| WETHRSFD_WT_PWR 323626 | 29.30 -0.99 0.97 | 27.19 -1.05 0.66 | 26.00 -1.24 0.19 | 26.34 -1.60 0.18 | 26.07 -1.56 -0.85 | 24.24 -1.22 -6.71 | 29.90 -3.82 4.17 | 40.52 -4.54 0.00 | 39.23 -3.91 0.00 | 33.90 -3.72 2.53 | 36.59 -3.71 0.17 | 35.42 -3.40 0.73 | 36.18 -3.46 0.80 | 32.25 -3.23 5.93 | 33.09 -2.27 2.01 | 36.44 -2.27 2.33 | 35.07 -1.92 2.60 | 35.76 -1.95 0.56 | 37.81 -2.15 0.00 | 34.60 -2.36 0.34 | 34.39 -1.84 2.17 | 31.59 -1.71 0.86 | 30.48 -1.71 0.08 | 27.24 -1.28 0.07 |
| WHAVSTOR_138KV_BK127 55557 | 32.92 1.66 0.00 | 30.83 1.55 -0.37 | 29.49 1.48 -0.58 | 29.62 1.50 0.00 | 30.86 1.37 -2.70 | 41.12 0.95 -21.42 | 39.60 1.71 0.00 | 46.84 1.77 0.00 | 44.84 1.70 0.00 | 38.99 1.50 2.67 | 41.98 1.97 0.45 | 35.21 1.93 6.27 | 42.09 1.94 0.30 | 40.91 1.90 2.40 | 33.78 1.78 5.37 | 42.98 1.94 0.00 | 41.51 1.92 0.00 | 40.10 1.83 0.00 | 41.97 2.02 0.00 | 39.18 1.88 0.00 | 40.08 1.69 0.00 | 35.68 1.52 0.00 | 33.56 1.28 0.00 | 29.72 1.14 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 32.92 1.66 0.00 | 30.83 1.55 -0.37 | 29.49 1.48 -0.58 | 29.62 1.50 0.00 | 30.86 1.37 -2.70 | 41.12 0.95 -21.42 | 39.60 1.71 0.00 | 46.84 1.77 0.00 | 44.84 1.70 0.00 | 38.99 1.50 2.67 | 41.98 1.97 0.45 | 35.21 1.93 6.27 | 42.09 1.94 0.30 | 40.91 1.90 2.40 | 33.78 1.78 5.37 | 42.98 1.94 0.00 | 41.51 1.92 0.00 | 40.10 1.83 0.00 | 41.97 2.02 0.00 | 39.18 1.88 0.00 | 40.08 1.69 0.00 | 35.68 1.52 0.00 | 33.56 1.28 0.00 | 29.72 1.14 0.00 |
| WHITEHAL_115KV_TB1 80871 | 33.21 1.95 0.00 | 31.81 1.83 -1.08 | 30.92 1.80 -1.69 | 30.35 2.22 0.00 | 36.62 2.22 -7.62 | 79.83 1.82 -59.25 | 41.31 3.42 0.00 | 49.13 4.06 0.00 | 46.60 3.45 0.00 | 43.42 2.76 -0.50 | 43.89 3.35 -0.08 | 44.34 3.63 -1.17 | 44.02 3.51 -0.06 | 44.10 3.58 0.90 | 41.63 3.26 -1.00 | 44.27 3.23 0.00 | 43.00 3.41 0.00 | 41.61 3.35 0.00 | 43.34 3.38 0.00 | 40.00 2.70 0.00 | 40.84 2.44 0.00 | 36.20 2.05 0.00 | 34.31 2.03 0.00 | 30.33 1.75 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 33.71 2.45 0.00 | 31.54 2.25 -0.39 | 30.15 2.11 -0.61 | 30.20 2.07 0.00 | 31.50 1.90 -2.82 | 42.42 1.30 -22.36 | 40.40 2.51 0.00 | 47.92 2.86 0.00 | 45.94 2.80 0.00 | 44.36 2.61 -1.60 | 43.82 3.10 -0.27 | 46.34 3.04 -3.75 | 43.71 3.08 -0.18 | 43.81 3.08 0.69 | 43.45 2.86 -3.21 | 44.17 3.13 0.00 | 42.64 3.05 0.00 | 41.20 2.93 0.00 | 43.05 3.09 0.00 | 40.17 2.87 0.00 | 41.13 2.74 0.00 | 36.57 2.42 0.00 | 34.37 2.10 0.00 | 30.42 1.83 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 98.37 3.81 -63.30 | 33.09 3.51 -0.68 | 31.73 3.35 -0.95 | 31.54 3.40 -0.02 | 39.57 3.21 -9.58 | 81.48 2.13 -60.59 | 73.41 4.24 -31.28 | 91.63 4.81 -41.76 | 122.42 4.66 -74.62 | 76.99 4.02 -32.81 | 61.50 4.32 -16.72 | 75.10 4.26 -31.30 | 92.70 4.53 -47.72 | 98.65 4.78 -52.46 | 77.60 4.42 -35.81 | 84.69 4.90 -38.74 | 103.08 4.77 -58.73 | 134.52 4.68 -91.57 | 133.27 4.86 -88.46 | 152.88 4.53 -111.05 | 58.03 4.40 -15.23 | 68.42 3.93 -30.34 | 69.98 3.55 -34.16 | 80.12 3.12 -48.42 |
| WOODARD__115KV_TB2 355635 | 30.49 -0.76 0.00 | 28.27 -0.71 -0.07 | 26.86 -0.69 -0.12 | 27.39 -0.74 0.00 | 26.65 -0.67 -0.53 | 22.54 -0.45 -4.23 | 36.65 -1.24 0.00 | 43.53 -1.53 0.00 | 41.74 -1.40 0.00 | 38.83 -1.26 0.07 | 39.36 -1.09 0.01 | 38.36 -1.04 0.16 | 39.35 -1.09 0.01 | 35.86 -1.21 4.34 | 36.37 -0.87 0.13 | 40.06 -0.98 0.00 | 38.75 -0.83 0.00 | 37.48 -0.79 0.00 | 39.11 -0.85 0.00 | 36.42 -0.88 0.00 | 37.51 -0.88 0.00 | 33.34 -0.81 0.00 | 31.43 -0.84 0.00 | 27.87 -0.72 0.00 |

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