

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/11/2025

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 29.42 | 26.29 | 25.96 | 25.59 | 25.55 | 26.13 | 29.10 | 36.83 | 26.71 | 25.64 | 25.84 | 26.20 | 27.60 | 27.25 | 26.56 | 26.14 | 26.85 | 35.97 | 41.05 | 43.19 | 45.74 | 43.07 | 35.78 | 31.54 |
| 24138 | 1.20 | 0.93 | 0.90 | 0.86 | 0.88 | 1.08 | 1.38 | 1.88 | 1.50 | 1.60 | 1.67 | 1.67 | 1.86 | 1.97 | 1.96 | 1.87 | 1.74 | 2.15 | 2.14 | 2.08 | 2.56 | 2.56 | 2.07 | 1.65 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 | -1.79 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.12 |
| 74TH STREET_GT_1 | 29.48 | 26.34 | 26.01 | 25.62 | 25.58 | 26.15 | 29.11 | 36.84 | 26.71 | 25.61 | 25.81 | 26.16 | 27.55 | 27.18 | 26.48 | 26.06 | 26.78 | 35.89 | 41.02 | 43.25 | 45.85 | 43.18 | 35.86 | 31.64 |
| 24260 | 1.26 | 0.99 | 0.95 | 0.89 | 0.91 | 1.11 | 1.39 | 1.89 | 1.50 | 1.57 | 1.65 | 1.63 | 1.81 | 1.90 | 1.88 | 1.79 | 1.67 | 2.07 | 2.11 | 2.13 | 2.67 | 2.67 | 2.15 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 | -1.79 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.12 |
| 74TH STREET_GT_2 | 29.48 | 26.34 | 26.01 | 25.62 | 25.58 | 26.15 | 29.11 | 36.84 | 26.71 | 25.61 | 25.81 | 26.16 | 27.55 | 27.18 | 26.48 | 26.06 | 26.78 | 35.89 | 41.02 | 43.25 | 45.85 | 43.18 | 35.86 | 31.64 |
| 24261 | 1.26 | 0.99 | 0.95 | 0.89 | 0.91 | 1.11 | 1.39 | 1.89 | 1.50 | 1.57 | 1.65 | 1.63 | 1.81 | 1.90 | 1.88 | 1.79 | 1.67 | 2.07 | 2.11 | 2.13 | 2.67 | 2.67 | 2.15 | 1.74 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.90 | -1.79 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.25 | -0.12 |
| ADK HUDSON___FALLS | 30.46 | 27.20 | 26.80 | 26.55 | 26.47 | 27.02 | 30.04 | 37.83 | 26.96 | 25.50 | 24.48 | 23.88 | 26.91 | 26.50 | 25.95 | 25.72 | 27.03 | 36.67 | 42.21 | 44.61 | 47.23 | 44.35 | 36.19 | 32.31 |
| 24011 | 2.24 | 1.85 | 1.74 | 1.82 | 1.81 | 1.97 | 2.33 | 2.87 | 1.75 | 1.46 | 1.22 | 1.14 | 1.20 | 1.22 | 1.35 | 1.45 | 1.92 | 2.85 | 3.30 | 3.50 | 4.06 | 3.84 | 2.98 | 2.65 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.12 | |
| ADK RESOURCE___RCVRY | 30.64 | 27.34 | 26.90 | 26.69 | 26.60 | 27.15 | 30.22 | 38.05 | 27.09 | 25.61 | 24.55 | 23.94 | 26.95 | 26.56 | 26.03 | 25.80 | 27.22 | 36.89 | 42.48 | 44.93 | 47.70 | 44.81 | 36.55 | 32.64 |
| 23798 | 2.42 | 1.98 | 1.84 | 1.96 | 1.93 | 2.11 | 2.50 | 3.09 | 1.88 | 1.57 | 1.28 | 1.19 | 1.24 | 1.28 | 1.43 | 1.52 | 2.10 | 3.08 | 3.57 | 3.81 | 4.52 | 4.30 | 3.34 | 2.98 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.25 | 0.12 | |
| ADK S GLENS___FALLS | 30.46 | 27.20 | 26.80 | 26.55 | 26.47 | 27.02 | 30.04 | 37.83 | 26.96 | 25.50 | 24.48 | 23.8 | | | | | | | | | | | | |

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|-------------------------------------|---------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.71 0.05 0.00 | 25.11 0.07 0.00 | 27.82 0.10 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.14 0.08 |
| ALBANY___3 23573 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.71 0.05 0.00 | 25.11 0.07 0.00 | 27.82 0.10 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.14 0.08 |
| ALBANY___4 23574 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.71 0.05 0.00 | 25.11 0.07 0.00 | 27.82 0.10 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.14 0.08 |
| ALBANY___LFGE 323615 | 28.63 0.41 0.00 | 25.67 0.32 0.00 | 25.34 0.28 0.00 | 25.02 0.29 0.00 | 24.97 0.30 0.00 | 25.37 0.33 0.00 | 28.13 0.41 0.00 | 35.36 0.41 0.00 | 25.52 0.31 0.00 | 24.36 0.32 0.00 | 23.55 0.28 0.00 | 23.02 0.28 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.97 0.37 0.00 | 24.67 0.39 0.00 | 25.45 0.34 0.00 | 34.30 0.48 0.00 | 39.42 0.51 0.00 | 41.58 0.47 0.00 | 43.86 0.69 0.00 | 41.26 0.75 0.00 | 33.80 0.53 0.19 | 30.15 0.46 0.09 |
| ALCOA_PA_115KV_PL-6C 55860 | 132.45 0.40 -103.83 | 99.35 0.42 -73.57 | 43.91 0.41 -18.44 | 29.01 0.38 -3.90 | 59.06 0.40 -34.00 | 239.73 0.37 -214.31 | 552.43 0.42 -524.28 | 64.27 0.51 -28.81 | 25.50 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.67 0.24 -3.68 | 29.46 0.32 -3.41 | 25.48 0.20 0.00 | 24.74 0.14 0.00 | 24.44 0.17 0.00 | 25.27 0.15 0.00 | 34.01 0.19 0.00 | 39.27 0.36 0.00 | 41.59 0.48 0.00 | 43.50 0.32 0.00 | 40.75 0.24 0.00 | 33.32 -0.14 0.00 | 30.00 0.22 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 132.45 0.40 -103.83 | 99.35 0.42 -73.57 | 43.91 0.41 -18.44 | 29.01 0.38 -3.90 | 59.06 0.40 -34.00 | 239.73 0.37 -214.31 | 552.43 0.42 -524.28 | 64.27 0.51 -28.81 | 25.50 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.67 0.24 -3.68 | 29.46 0.32 -3.41 | 25.48 0.20 0.00 | 24.74 0.14 0.00 | 24.44 0.17 0.00 | 25.27 0.15 0.00 | 34.01 0.19 0.00 | 39.27 0.36 0.00 | 41.59 0.48 0.00 | 43.50 0.32 0.00 | 40.75 0.24 0.00 | 33.32 -0.14 0.00 | 30.00 0.22 0.00 |
| ALCOA___DSASP 323711 | 132.45 0.40 -103.83 | 99.35 0.42 -73.57 | 43.91 0.41 -18.44 | 29.01 0.38 -3.90 | 59.06 0.39 -34.00 | 239.73 0.37 -214.31 | 552.43 0.42 -524.28 | 64.27 0.51 -28.81 | 25.50 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.67 0.24 -3.68 | 29.46 0.32 -3.41 | 25.48 0.20 0.00 | 24.75 0.14 0.00 | 24.44 0.17 0.00 | 25.27 0.16 0.00 | 34.01 0.19 0.00 | 39.27 0.36 0.00 | 41.59 0.48 0.00 | 43.50 0.32 0.00 | 40.75 0.24 0.00 | 33.32 -0.14 0.00 | 30.00 0.22 0.00 |
| ALLEGHENY___COGEN 23514 | 29.23 1.01 0.00 | 26.37 1.02 0.00 | 26.09 1.04 0.00 | 25.74 1.01 0.00 | 25.68 1.01 0.00 | 26.10 1.06 0.00 | 28.95 1.23 0.00 | 36.60 1.65 0.00 | 25.89 0.68 0.00 | 24.25 0.21 0.00 | 23.51 0.24 0.00 | 23.13 0.39 0.00 | 26.24 0.50 0.00 | 25.84 0.56 0.00 | 24.88 0.28 0.00 | 24.38 0.11 0.00 | 25.29 0.18 0.00 | 34.38 0.56 0.00 | 40.62 1.71 0.00 | 43.38 2.27 0.00 | 45.57 2.40 0.00 | 42.36 1.85 0.00 | 35.11 1.65 0.00 | 31.16 1.38 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 28.73 0.51 0.00 | 25.76 0.41 0.00 | 25.45 0.39 0.00 | 25.12 0.40 0.00 | 25.06 0.39 0.00 | 25.46 0.42 0.00 | 28.23 0.51 0.00 | 35.54 0.58 0.00 | 25.60 0.39 0.00 | 24.40 0.36 0.00 | 23.61 0.34 0.00 | 23.09 0.34 0.00 | 26.08 0.35 0.01 | 25.65 0.37 0.00 | 25.02 0.42 0.00 | 24.68 0.41 0.00 | 25.50 0.39 0.00 | 34.33 0.51 0.00 | 39.46 0.54 0.00 | 41.64 0.53 0.00 | 43.93 0.76 0.00 | 41.30 0.79 0.00 | 33.96 0.61 0.11 | 30.25 0.52 0.05 |
| ALTONA_WT_PWR 323606 | 34.88 1.02 -5.65 | 30.17 0.82 -4.00 | 26.81 0.74 -1.00 | 25.65 0.71 -0.21 | 27.14 0.63 -1.85 | 37.42 0.72 -11.65 | 57.09 0.87 -28.50 | 37.50 0.98 -1.57 | 25.79 0.58 0.00 | 24.64 0.61 0.00 | 23.87 0.60 0.00 | 23.63 0.69 -0.20 | 26.65 0.73 -0.19 | 25.92 0.64 0.00 | 25.23 0.63 0.00 | 24.93 0.66 0.00 | 25.86 0.74 0.00 | 34.26 0.45 0.00 | 39.46 0.55 0.00 | 41.84 0.73 0.00 | 44.08 0.91 0.00 | 41.36 0.85 0.00 | 34.54 1.08 0.00 | 30.67 0.89 0.00 |
| AMERICAN_REF_FUEL 24010 | 27.51 -0.71 0.00 | 25.05 -0.30 0.00 | 24.90 -0.16 0.00 | 24.52 -0.21 0.00 | 24.41 -0.26 0.00 | 24.61 -0.43 0.00 | 26.78 -0.94 0.00 | 33.83 -1.13 0.00 | 24.62 -0.59 0.00 | 23.57 -0.47 0.00 | 22.91 -0.36 0.00 | 22.63 -0.12 0.00 | 25.63 -0.10 0.00 | 24.84 -0.44 0.00 | 23.78 -0.82 0.00 | 23.40 -0.87 0.00 | 24.25 -0.86 0.00 | 32.66 -1.15 0.00 | 37.67 -1.24 0.00 | 39.56 -1.56 0.00 | 41.63 -1.55 0.00 | 38.86 -1.65 0.00 | 32.58 -0.89 0.00 | 29.20 -0.58 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 28.15 -0.08 0.00 | 25.45 0.10 0.00 | 25.20 0.14 0.00 | 24.91 0.18 0.00 | 24.76 0.09 0.00 | 25.08 0.04 0.00 | 27.63 -0.09 0.00 | 35.05 0.09 0.00 | 25.38 0.17 0.00 | 24.26 0.22 0.00 | 23.54 0.28 0.00 | 23.30 0.55 0.00 | 26.37 0.64 0.00 | 25.72 0.44 0.00 | 24.55 -0.05 0.00 | 23.97 -0.30 0.00 | 24.87 -0.24 0.00 | 33.71 -0.11 0.00 | 38.97 0.06 0.00 | 41.26 0.14 0.00 | 43.16 -0.02 0.00 | 40.05 -0.46 0.00 | 33.47 0.01 0.00 | 29.91 0.13 0.00 |
| ARTHUR KILL_GT_1 23520 | 29.65 1.43 0.00 | 26.54 1.18 0.00 | 26.13 1.07 0.00 | 25.69 0.96 0.00 | 25.63 0.96 0.00 | 26.22 1.17 0.00 | 29.19 1.47 0.00 | 36.90 1.94 0.00 | 26.54 1.33 0.00 | 25.41 1.37 0.00 | 25.57 1.41 -0.90 | 25.92 1.40 -1.79 | 27.34 1.59 -0.01 | 26.99 1.71 0.00 | 26.22 1.62 0.00 | 25.82 1.55 0.00 | 26.54 1.43 0.00 | 35.62 1.80 0.00 | 40.77 1.86 0.00 | 43.06 1.95 0.00 | 45.69 2.52 0.00 | 43.00 2.49 0.00 | 35.72 2.01 -0.25 | 31.51 1.61 -0.12 |
| ARTHUR_KILL_2 23512 | 29.57 1.35 0.00 | 26.48 1.12 -0.01 | 26.07 1.01 0.00 | 25.64 0.91 0.00 | 25.58 0.91 0.00 | 26.15 1.11 0.00 | 29.11 1.39 0.00 | 36.80 1.84 0.00 | 26.48 1.26 -0.01 | 25.34 1.30 0.00 | 25.52 1.35 -0.90 | 25.86 1.33 -1.79 | 27.28 1.53 -0.02 | 26.92 1.64 -0.01 | 26.16 1.56 0.00 | 25.74 1.47 0.00 | 26.47 1.36 0.00 | 35.50 1.68 0.00 | 40.63 1.72 0.00 | 42.91 1.79 0.00 | 45.53 2.36 0.00 | 42.85 2.34 0.00 | 35.60 1.89 -0.25 | 31.41 1.51 -0.12 |
| ARTHUR_KILL_3 23513 | 29.12 0.90 0.00 | 26.02 0.67 0.00 | 25.68 0.62 0.00 | 25.30 0.58 0.01 | 25.29 0.62 0.00 | 25.86 0.81 0.00 | 28.78 1.06 0.00 | 36.41 1.45 0.00 | 26.40 1.20 0.00 | 25.32 1.28 0.00 | 25.51 1.35 -0.90 | 25.87 1.34 -1.79 | 27.26 1.51 -0.01 | 26.91 1.63 0.00 | 26.24 1.63 0.00 | 25.81 1.54 0.00 | 26.51 1.40 0.00 | 35.53 1.71 0.00 | 40.60 1.69 0.00 | 42.79 1.68 0.00 | 45.34 2.17 0.00 | 42.72 2.21 0.00 | 35.48 1.77 -0.25 | 31.31 1.41 -0.12 |

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|-----------------------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|
| ARTHUR_KILL_COGEN 323718 | 29.65 1.43 0.00 | 26.55 1.19 -0.01 | 26.14 1.07 0.00 | 25.70 0.97 0.00 | 25.65 0.97 0.00 | 26.22 1.17 0.00 | 29.19 1.47 0.00 | 36.90 1.94 0.00 | 26.55 1.33 -0.01 | 25.41 1.37 0.00 | 25.57 1.40 -0.90 | 25.92 1.40 -1.79 | 27.34 1.59 -0.02 | 26.99 1.71 -0.01 | 26.23 1.62 0.00 | 25.82 1.54 0.00 | 26.55 1.44 0.00 | 35.62 1.80 0.00 | 40.78 1.87 0.00 | 43.06 1.95 0.00 | 45.69 2.51 0.00 | 43.01 2.50 0.00 | 35.72 2.01 -0.25 | 31.51 1.61 -0.12 |
| ASHOKAN____ 23654 | 29.05 0.83 0.00 | 26.00 0.64 0.00 | 25.64 0.58 0.00 | 25.29 0.56 0.00 | 25.22 0.56 0.00 | 25.73 0.68 0.00 | 28.62 0.89 0.00 | 36.14 1.19 0.00 | 26.04 0.83 0.00 | 24.72 0.68 0.00 | 23.86 0.60 0.00 | 23.32 0.58 0.00 | 26.31 0.58 0.00 | 25.90 0.62 0.00 | 25.34 0.73 0.00 | 24.98 0.71 0.00 | 25.81 0.69 0.00 | 34.92 1.11 0.00 | 40.42 1.51 0.00 | 42.76 1.65 0.00 | 45.14 1.97 0.00 | 42.36 1.86 0.00 | 34.87 1.41 0.00 | 30.87 1.08 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 29.25 1.03 0.00 | 26.25 0.89 -0.01 | 25.90 0.84 -0.01 | 25.50 0.77 0.00 | 25.48 0.81 -0.01 | 26.01 0.97 0.00 | 28.89 1.17 0.00 | 36.62 1.66 0.00 | 26.57 1.35 -0.01 | 25.47 1.43 0.00 | 25.62 1.45 -0.90 | 25.96 1.43 -1.79 | 27.32 1.58 -0.02 | 26.98 1.70 -0.01 | 26.25 1.64 0.00 | 25.86 1.58 0.00 | 26.57 1.46 0.00 | 35.48 1.66 0.00 | 40.62 1.71 0.00 | 42.83 1.72 0.00 | 45.49 2.31 0.00 | 42.86 2.35 0.00 | 35.64 1.93 -0.25 | 31.43 1.54 -0.12 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 29.25 1.03 0.00 | 26.25 0.89 -0.01 | 25.90 0.84 -0.01 | 25.50 0.77 0.00 | 25.48 0.81 -0.01 | 26.01 0.97 0.00 | 28.89 1.17 0.00 | 36.62 1.66 0.00 | 26.57 1.35 -0.01 | 25.47 1.43 0.00 | 25.61 1.44 -0.90 | 25.96 1.43 -1.79 | 27.32 1.58 -0.02 | 26.98 1.70 -0.01 | 26.25 1.64 0.00 | 25.86 1.58 0.00 | 26.57 1.46 0.00 | 35.48 1.66 0.00 | 40.62 1.71 0.00 | 42.83 1.72 0.00 | 45.49 2.31 0.00 | 42.86 2.35 0.00 | 35.64 1.93 -0.25 | 31.43 1.54 -0.12 |
| ASTORIA_GT2_1 24094 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT2_2 24095 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT2_3 24096 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT2_4 24097 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT3_1 24098 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT3_2 24099 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT3_3 24100 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT3_4 24101 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT4_1 24102 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT4_2 24103 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT4_3 24104 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |

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| ASTORIA_GT4_4 24105 | 29.26 1.04 0.00 | 26.25 0.90 0.00 | 25.91 0.85 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.33 1.58 -0.01 | 27.00 1.72 0.00 | 26.26 1.66 0.00 | 25.86 1.59 0.00 | 26.54 1.43 0.00 | 35.49 1.67 0.00 | 40.64 1.73 0.00 | 42.86 1.75 0.00 | 45.52 2.34 0.00 | 42.89 2.38 0.00 | 35.65 1.94 -0.25 | 31.44 1.54 -0.12 |
| ASTORIA_GT_1 23523 | 29.30 1.08 0.00 | 26.29 0.93 0.00 | 25.94 0.89 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 28.95 1.23 0.00 | 36.69 1.74 0.00 | 26.62 1.42 0.00 | 25.53 1.49 0.00 | 25.67 1.51 -0.90 | 26.02 1.50 -1.79 | 27.39 1.65 -0.01 | 27.06 1.78 0.00 | 26.32 1.71 0.00 | 25.92 1.65 0.00 | 26.60 1.49 0.00 | 35.57 1.75 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.72 2.01 -0.25 | 31.49 1.60 -0.12 |
| ASTORIA_GT_10 24110 | 29.31 1.09 0.00 | 26.26 0.91 0.00 | 25.91 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.04 0.99 0.00 | 28.96 1.25 0.00 | 36.66 1.71 0.00 | 26.59 1.38 0.00 | 25.52 1.48 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.01 | 27.05 1.77 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.61 1.50 0.00 | 35.60 1.78 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.53 2.35 0.00 | 42.91 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA_GT_11 24225 | 29.31 1.09 0.00 | 26.26 0.91 0.00 | 25.91 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.04 0.99 0.00 | 28.96 1.25 0.00 | 36.66 1.71 0.00 | 26.59 1.38 0.00 | 25.52 1.48 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.01 | 27.05 1.77 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.61 1.50 0.00 | 35.60 1.78 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.53 2.35 0.00 | 42.91 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA_GT_12 24226 | 29.31 1.09 0.00 | 26.26 0.91 0.00 | 25.91 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.04 0.99 0.00 | 28.96 1.25 0.00 | 36.66 1.71 0.00 | 26.59 1.38 0.00 | 25.52 1.48 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.01 | 27.05 1.77 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.61 1.50 0.00 | 35.60 1.78 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.53 2.35 0.00 | 42.91 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA_GT_13 24227 | 29.31 1.09 0.00 | 26.26 0.91 0.00 | 25.91 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.04 0.99 0.00 | 28.96 1.25 0.00 | 36.66 1.71 0.00 | 26.59 1.38 0.00 | 25.52 1.48 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.01 | 27.05 1.77 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.61 1.50 0.00 | 35.60 1.78 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.53 2.35 0.00 | 42.91 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA_GT_5 24106 | 29.30 1.08 0.00 | 26.29 0.93 0.00 | 25.94 0.89 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 28.95 1.23 0.00 | 36.69 1.74 0.00 | 26.62 1.42 0.00 | 25.53 1.49 0.00 | 25.67 1.51 -0.90 | 26.02 1.50 -1.79 | 27.39 1.65 -0.01 | 27.06 1.78 0.00 | 26.32 1.71 0.00 | 25.92 1.65 0.00 | 26.60 1.49 0.00 | 35.57 1.75 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.72 2.01 -0.25 | 31.49 1.60 -0.12 |
| ASTORIA_GT_7 24107 | 29.30 1.08 0.00 | 26.29 0.93 0.00 | 25.94 0.89 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 28.95 1.23 0.00 | 36.69 1.74 0.00 | 26.62 1.42 0.00 | 25.53 1.49 0.00 | 25.67 1.51 -0.90 | 26.02 1.50 -1.79 | 27.39 1.65 -0.01 | 27.06 1.78 0.00 | 26.32 1.71 0.00 | 25.92 1.65 0.00 | 26.60 1.49 0.00 | 35.57 1.75 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.72 2.01 -0.25 | 31.49 1.60 -0.12 |
| ASTORIA_GT_8 24108 | 29.30 1.08 0.00 | 26.29 0.93 0.00 | 25.94 0.89 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 28.95 1.23 0.00 | 36.69 1.74 0.00 | 26.62 1.42 0.00 | 25.53 1.49 0.00 | 25.67 1.51 -0.90 | 26.02 1.50 -1.79 | 27.39 1.65 -0.01 | 27.06 1.78 0.00 | 26.32 1.71 0.00 | 25.92 1.65 0.00 | 26.60 1.49 0.00 | 35.57 1.75 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.72 2.01 -0.25 | 31.49 1.60 -0.12 |
| ASTORIA___2 24149 | 29.26 1.04 0.00 | 26.26 0.91 -0.01 | 25.92 0.85 -0.01 | 25.51 0.78 0.00 | 25.49 0.81 -0.01 | 26.02 0.98 0.00 | 28.90 1.18 0.00 | 36.63 1.68 0.00 | 26.58 1.36 -0.01 | 25.48 1.44 0.00 | 25.62 1.45 -0.90 | 25.98 1.45 -1.79 | 27.33 1.59 -0.02 | 26.99 1.71 -0.01 | 26.27 1.66 0.00 | 25.86 1.59 0.00 | 26.58 1.46 0.00 | 35.49 1.67 0.00 | 40.65 1.74 0.00 | 42.86 1.74 0.00 | 45.51 2.33 0.00 | 42.90 2.39 0.00 | 35.65 1.94 -0.25 | 31.44 1.55 -0.12 |
| ASTORIA___3 23516 | 29.31 1.09 0.00 | 26.28 0.91 -0.01 | 25.92 0.85 0.00 | 25.52 0.79 0.00 | 25.50 0.82 0.00 | 26.04 0.99 0.00 | 28.97 1.25 0.00 | 36.67 1.71 0.00 | 26.59 1.38 -0.01 | 25.52 1.48 0.00 | 25.69 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.02 | 27.05 1.77 -0.01 | 26.34 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.60 1.78 0.00 | 40.68 1.76 0.00 | 42.87 1.76 0.00 | 45.52 2.34 0.00 | 42.92 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA___4 23517 | 29.31 1.09 0.00 | 26.26 0.91 0.00 | 25.91 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.04 0.99 0.00 | 28.96 1.25 0.00 | 36.66 1.71 0.00 | 26.59 1.38 0.00 | 25.52 1.48 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.01 | 27.05 1.77 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.61 1.50 0.00 | 35.60 1.78 0.00 | 40.67 1.76 0.00 | 42.87 1.76 0.00 | 45.52 2.35 0.00 | 42.91 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| ASTORIA___5 23518 | 29.31 1.09 0.00 | 26.28 0.91 -0.01 | 25.92 0.85 0.00 | 25.52 0.79 0.00 | 25.50 0.82 0.00 | 26.04 0.99 0.00 | 28.97 1.25 0.00 | 36.67 1.71 0.00 | 26.60 1.38 -0.01 | 25.52 1.48 0.00 | 25.69 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.02 | 27.05 1.77 -0.01 | 26.34 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.60 1.78 0.00 | 40.68 1.76 0.00 | 42.88 1.76 0.00 | 45.52 2.34 0.00 | 42.92 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| AST_ENERGY_2_CC3 323677 | 26.33 0.74 2.63 | 26.05 0.69 -0.01 | 25.73 0.67 -0.01 | 25.33 0.60 0.00 | 25.32 0.65 -0.01 | 25.83 0.78 0.00 | 26.33 0.89 2.28 | 27.33 1.31 8.94 | 25.94 1.14 0.41 | 25.31 1.27 0.00 | 25.46 1.29 -0.90 | 25.82 1.29 -1.79 | 27.15 1.40 -0.02 | 26.82 1.53 -0.01 | 26.10 1.49 0.00 | 25.70 1.42 0.00 | 26.40 1.29 0.00 | 30.75 1.33 4.40 | 30.69 1.33 9.55 | 32.20 1.31 10.22 | 30.69 1.89 14.37 | 30.69 1.95 11.77 | 30.69 1.59 4.36 | 30.14 1.27 0.91 |
| AST_ENERGY_2_CC4 323678 | 26.33 0.74 2.63 | 26.05 0.69 -0.01 | 25.73 0.67 -0.01 | 25.33 0.60 0.00 | 25.32 0.65 -0.01 | 25.83 0.78 0.00 | 26.33 0.89 2.28 | 27.33 1.31 8.94 | 25.94 1.14 0.41 | 25.31 1.27 0.00 | 25.46 1.29 -0.90 | 25.82 1.29 -1.79 | 27.15 1.40 -0.02 | 26.82 1.53 -0.01 | 26.10 1.49 0.00 | 25.70 1.42 0.00 | 26.40 1.29 0.00 | 30.75 1.33 4.40 | 30.69 1.33 9.55 | 32.20 1.31 10.22 | 30.69 1.89 14.37 | 30.69 1.95 11.77 | 30.69 1.59 4.36 | 30.14 1.27 0.91 |

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| ATHENS_STG_1 23668 | 28.88 0.66 0.00 | 25.86 0.51 0.00 | 25.53 0.47 0.00 | 25.19 0.46 0.00 | 25.14 0.47 0.00 | 25.59 0.55 0.00 | 28.41 0.68 0.00 | 35.81 0.85 0.00 | 25.85 0.65 0.00 | 24.70 0.66 0.00 | 24.10 0.68 -0.16 | 23.73 0.67 -0.32 | 26.46 0.72 -0.01 | 26.04 0.76 0.00 | 25.40 0.80 0.00 | 25.03 0.76 0.00 | 25.81 0.70 0.00 | 34.66 0.84 0.00 | 39.76 0.85 0.00 | 41.93 0.81 0.00 | 44.29 1.11 0.00 | 41.67 1.17 0.00 | 34.50 0.92 -0.12 | 30.64 0.81 -0.05 |
| ATHENS_STG_2 23670 | 28.88 0.66 0.00 | 25.86 0.51 0.00 | 25.53 0.47 0.00 | 25.19 0.46 0.00 | 25.14 0.47 0.00 | 25.59 0.55 0.00 | 28.41 0.68 0.00 | 35.81 0.85 0.00 | 25.85 0.65 0.00 | 24.70 0.66 0.00 | 24.10 0.68 -0.16 | 23.73 0.67 -0.32 | 26.46 0.72 -0.01 | 26.04 0.76 0.00 | 25.40 0.80 0.00 | 25.03 0.76 0.00 | 25.81 0.70 0.00 | 34.66 0.84 0.00 | 39.76 0.85 0.00 | 41.93 0.81 0.00 | 44.29 1.11 0.00 | 41.67 1.17 0.00 | 34.50 0.92 -0.12 | 30.64 0.81 -0.05 |
| ATHENS_STG_3 23677 | 28.88 0.66 0.00 | 25.86 0.51 0.00 | 25.53 0.47 0.00 | 25.19 0.46 0.00 | 25.14 0.47 0.00 | 25.59 0.55 0.00 | 28.41 0.68 0.00 | 35.81 0.85 0.00 | 25.85 0.65 0.00 | 24.70 0.66 0.00 | 24.10 0.68 -0.16 | 23.73 0.67 -0.32 | 26.46 0.72 -0.01 | 26.04 0.76 0.00 | 25.40 0.80 0.00 | 25.03 0.76 0.00 | 25.81 0.70 0.00 | 34.66 0.84 0.00 | 39.76 0.85 0.00 | 41.93 0.81 0.00 | 44.29 1.11 0.00 | 41.67 1.17 0.00 | 34.50 0.92 -0.12 | 30.64 0.81 -0.05 |
| AUBURN___LFGE 323710 | 29.80 -0.06 -1.64 | 26.50 -0.02 -1.16 | 25.33 -0.02 -0.29 | 24.79 0.00 -0.06 | 25.19 -0.01 -0.54 | 28.44 0.01 -3.38 | 35.99 -0.01 -8.28 | 35.55 0.14 -0.45 | 25.14 -0.07 0.00 | 23.91 -0.13 0.00 | 23.04 -0.23 0.00 | 22.61 -0.19 -0.06 | 25.60 -0.18 -0.05 | 25.08 -0.19 0.00 | 24.43 -0.17 0.00 | 24.11 -0.16 0.00 | 25.04 -0.08 0.00 | 33.86 0.05 0.00 | 39.16 0.26 0.00 | 41.42 0.20 -0.10 | 43.88 0.25 -0.45 | 40.68 0.17 0.00 | 33.65 0.19 0.00 | 29.80 0.02 0.00 |
| BABYLON_RES_REC 323704 | 29.52 1.30 0.00 | 26.34 0.99 0.00 | 26.01 0.95 0.00 | 25.75 0.92 -0.11 | 25.71 0.95 -0.10 | 26.19 1.15 0.00 | 29.14 1.42 -0.01 | 36.64 1.69 0.00 | 27.05 1.25 -0.59 | 27.50 1.40 -2.06 | 25.78 1.62 -0.89 | 26.00 1.47 -1.78 | 40.15 1.70 -12.73 | 65.80 1.91 -38.61 | 43.88 1.84 -17.44 | 39.44 1.73 -13.45 | 43.68 1.59 -16.98 | 49.76 1.93 -14.01 | 41.18 2.27 0.00 | 43.75 2.18 -0.45 | 48.58 2.65 -2.75 | 44.40 2.81 -1.08 | 37.68 2.42 -1.79 | 31.67 1.77 -0.12 |
| BALL_HILL_WT_PWR 323825 | 27.97 -0.25 0.00 | 25.32 -0.03 0.00 | 25.10 0.04 0.00 | 24.78 0.05 0.00 | 24.65 -0.02 0.00 | 24.95 -0.09 0.00 | 27.39 -0.33 0.00 | 34.65 -0.31 0.00 | 25.14 -0.07 0.00 | 24.05 0.01 0.00 | 23.35 0.08 0.00 | 23.09 0.34 0.00 | 26.15 0.42 0.00 | 25.47 0.19 0.00 | 24.39 -0.21 0.00 | 23.89 -0.38 0.00 | 24.78 -0.33 0.00 | 33.54 -0.28 0.00 | 38.75 -0.16 0.00 | 40.91 -0.21 0.00 | 42.89 -0.29 0.00 | 39.85 -0.65 0.00 | 33.32 -0.14 0.00 | 29.76 -0.02 0.00 |
| BARON_WINDS___WT_PWR 323822 | 28.12 -0.10 0.00 | 25.36 0.01 0.00 | 25.09 0.03 0.00 | 24.82 0.09 0.00 | 24.69 0.03 0.00 | 25.08 0.04 0.00 | 27.71 -0.01 0.00 | 34.97 0.01 0.00 | 25.04 -0.17 0.00 | 23.77 -0.27 0.00 | 23.01 -0.25 0.00 | 22.68 -0.06 0.00 | 25.69 -0.05 0.00 | 25.20 -0.08 0.00 | 24.26 -0.35 0.00 | 23.78 -0.49 0.00 | 24.66 -0.45 0.00 | 33.52 -0.30 0.00 | 38.91 0.00 0.00 | 41.31 0.17 -0.02 | 43.33 0.06 -0.09 | 40.31 -0.20 0.00 | 33.55 0.09 0.00 | 29.87 0.09 0.00 |
| BARRETT_IC_1 23704 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_10 23701 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_11 23702 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_12 23703 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_2 23705 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_3 23706 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_4 23707 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_5 23708 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |

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|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_6 23709 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_7 23710 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.46 0.74 0.00 | 25.42 0.75 0.00 | 26.00 0.96 0.00 | 28.91 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.96 0.00 | 25.16 1.13 0.00 | 25.56 1.41 -0.89 | 25.88 1.36 -1.78 | 39.05 1.48 -11.84 | 62.27 1.63 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.99 1.20 -14.67 | 47.12 1.44 -11.86 | 40.65 1.73 0.00 | 43.15 1.65 -0.38 | 47.57 2.06 -2.33 | 43.81 2.30 -1.00 | 37.14 1.99 -1.69 | 31.38 1.49 -0.12 |
| BARRETT_IC_8 23711 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT_IC_9 23700 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT___1 23545 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BARRETT___2 23546 | 29.31 1.09 0.00 | 26.16 0.81 0.00 | 25.81 0.75 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.90 1.19 0.00 | 36.30 1.34 0.00 | 26.17 0.97 0.00 | 25.16 1.12 0.00 | 25.56 1.41 -0.89 | 25.89 1.36 -1.78 | 39.05 1.47 -11.84 | 62.26 1.62 -35.36 | 42.37 1.54 -16.22 | 38.18 1.41 -12.50 | 40.98 1.20 -14.67 | 47.08 1.40 -11.86 | 40.66 1.74 0.00 | 43.15 1.65 -0.38 | 47.56 2.06 -2.33 | 43.81 2.30 -1.01 | 37.15 1.99 -1.69 | 31.39 1.49 -0.13 |
| BATAVIA___115KV_TB1 55881 | 28.49 0.27 0.00 | 25.83 0.48 0.00 | 25.64 0.58 0.00 | 25.24 0.51 0.00 | 25.14 0.47 0.00 | 25.44 0.40 0.00 | 27.92 0.20 0.00 | 35.34 0.38 0.00 | 25.50 0.29 0.00 | 24.20 0.16 0.00 | 23.42 0.15 0.00 | 23.08 0.33 0.00 | 26.16 0.43 0.00 | 25.48 0.20 0.00 | 24.54 -0.06 0.00 | 24.15 -0.12 0.00 | 25.07 -0.05 0.00 | 33.96 0.14 0.00 | 39.51 0.60 0.00 | 41.76 0.65 0.00 | 43.88 0.70 0.00 | 40.84 0.33 0.00 | 34.03 0.57 0.00 | 30.35 0.57 0.00 |
| BAYONEEC___CTG1 323682 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG10 323750 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG2 323683 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG3 323684 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG4 323685 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG5 323686 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG6 323687 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG7 323688 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |

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| BAYONEEC___CTG8 323689 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BAYONEEC___CTG9 323749 | 29.26 1.04 0.00 | 26.16 0.80 0.00 | 25.82 0.76 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.45 -0.90 | 25.97 1.44 -1.79 | 27.35 1.60 -0.01 | 26.98 1.70 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.90 1.79 0.00 | 45.47 2.30 0.00 | 42.83 2.32 0.00 | 35.59 1.88 -0.25 | 31.41 1.51 -0.12 |
| BEACON___LESR 323632 | 28.78 0.55 0.00 | 25.75 0.39 0.00 | 25.39 0.33 0.00 | 25.08 0.35 0.00 | 25.05 0.38 0.00 | 25.49 0.45 0.00 | 28.29 0.57 0.00 | 35.57 0.62 0.00 | 25.63 0.42 0.00 | 24.44 0.40 0.00 | 23.73 0.35 -0.11 | 23.31 0.35 -0.22 | 26.07 0.35 0.01 | 25.68 0.40 0.00 | 25.03 0.43 0.00 | 24.71 0.44 0.00 | 25.59 0.47 0.00 | 34.53 0.72 0.00 | 39.66 0.76 0.00 | 41.81 0.69 0.00 | 44.01 0.84 0.00 | 41.47 0.96 0.00 | 33.95 0.67 0.19 | 30.27 0.58 0.09 |
| BEAVER RIVER___HYD 24048 | 56.29 1.15 -26.92 | 45.44 1.01 -19.07 | 30.80 0.95 -4.78 | 26.68 0.94 -1.01 | 34.46 0.98 -8.82 | 81.68 1.07 -55.56 | 164.90 1.26 -135.93 | 43.88 1.45 -7.47 | 25.86 0.66 0.00 | 24.38 0.34 0.00 | 23.48 0.22 0.00 | 23.88 0.18 -0.96 | 26.54 -0.08 -0.88 | 24.88 -0.40 0.00 | 24.17 -0.43 0.00 | 23.93 -0.35 0.00 | 24.94 -0.17 0.00 | 33.82 0.00 0.00 | 39.72 0.81 0.00 | 42.34 1.17 -0.06 | 44.86 1.44 -0.25 | 42.42 1.92 0.00 | 34.83 1.37 0.00 | 30.97 1.19 0.00 |
| BEEBEE_GT_13 23619 | 28.06 -0.16 0.00 | 25.34 -0.02 0.00 | 25.08 0.02 0.00 | 24.72 -0.01 0.00 | 24.65 -0.02 0.00 | 24.99 -0.06 0.00 | 27.50 -0.22 0.00 | 34.77 -0.19 0.00 | 25.08 -0.13 0.00 | 23.90 -0.14 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.86 0.12 0.00 | 25.31 0.03 0.00 | 24.43 -0.17 0.00 | 24.09 -0.18 0.00 | 24.99 -0.12 0.00 | 33.83 0.01 0.00 | 39.13 0.22 0.00 | 41.25 0.13 0.00 | 43.28 0.11 0.00 | 40.35 -0.16 0.00 | 33.49 0.03 0.00 | 29.79 0.01 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 29.56 1.34 0.00 | 26.45 1.10 0.00 | 26.06 1.00 0.00 | 25.62 0.90 0.00 | 25.60 0.93 0.00 | 26.19 1.15 0.00 | 29.17 1.44 0.00 | 36.94 1.98 0.00 | 26.73 1.52 0.00 | 25.63 1.59 0.00 | 25.80 1.64 -0.90 | 26.17 1.64 -1.79 | 27.60 1.85 -0.01 | 27.24 1.96 0.00 | 26.50 1.90 0.00 | 26.09 1.82 0.00 | 26.80 1.69 0.00 | 35.94 2.12 0.00 | 41.09 2.19 0.00 | 43.36 2.24 0.00 | 46.01 2.83 0.00 | 43.30 2.79 0.00 | 35.96 2.25 -0.25 | 31.70 1.80 -0.12 |
| BETHLEHEM___GRP 23843 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.71 0.05 0.00 | 25.11 0.07 0.00 | 27.82 0.10 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.14 0.08 |
| BETHLEHEM___GS1 323560 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.72 0.05 0.00 | 25.11 0.07 0.00 | 27.83 0.11 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.15 0.08 |
| BETHLEHEM___GS2 323561 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.72 0.05 0.00 | 25.11 0.07 0.00 | 27.83 0.11 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.15 0.08 |
| BETHLEHEM___GS3 323562 | 28.33 0.11 0.00 | 25.42 0.06 0.00 | 25.09 0.03 0.00 | 24.78 0.05 0.00 | 24.72 0.05 0.00 | 25.11 0.07 0.00 | 27.83 0.11 0.00 | 34.94 -0.01 0.00 | 25.26 0.05 0.00 | 24.11 0.07 0.00 | 23.32 0.05 0.00 | 22.81 0.06 0.00 | 25.73 0.01 0.01 | 25.31 0.03 0.00 | 24.72 0.12 0.00 | 24.40 0.12 0.00 | 25.13 0.02 0.00 | 33.86 0.04 0.00 | 38.94 0.03 0.00 | 41.07 -0.04 0.00 | 43.35 0.18 0.00 | 40.79 0.28 0.00 | 33.45 0.16 0.17 | 29.85 0.15 0.08 |
| BETHLEHEM___STEEL 23779 | 28.02 -0.19 0.00 | 25.43 0.07 0.00 | 25.24 0.18 0.00 | 24.87 0.14 0.00 | 24.75 0.09 0.00 | 25.01 -0.04 0.00 | 27.39 -0.33 0.00 | 34.62 -0.33 0.00 | 25.14 -0.07 0.00 | 24.06 0.03 0.00 | 23.39 0.13 0.00 | 23.12 0.38 0.00 | 26.19 0.46 0.00 | 25.44 0.16 0.00 | 24.39 -0.21 0.00 | 23.97 -0.31 0.00 | 24.84 -0.27 0.00 | 33.59 -0.22 0.00 | 38.83 -0.08 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.91 -0.60 0.00 | 33.38 -0.08 0.00 | 29.85 0.07 0.00 |
| BETHLHEM_115KV_TB1 79974 | 28.69 0.47 0.00 | 25.74 0.38 0.00 | 25.43 0.37 0.00 | 25.09 0.36 0.00 | 25.03 0.36 0.00 | 25.42 0.38 0.00 | 28.19 0.47 0.00 | 35.50 0.54 0.00 | 25.60 0.39 0.00 | 24.42 0.38 0.00 | 23.64 0.37 0.00 | 23.11 0.36 0.00 | 26.09 0.37 0.01 | 25.66 0.38 0.00 | 25.04 0.44 0.00 | 24.70 0.42 0.00 | 25.50 0.39 0.00 | 34.12 0.30 0.00 | 39.05 0.14 0.00 | 41.19 0.07 0.00 | 43.47 0.30 0.00 | 40.89 0.38 0.00 | 33.56 0.26 0.16 | 29.93 0.23 0.08 |
| BETHPAGE_CC_5 323564 | 29.39 1.17 0.00 | 26.22 0.86 0.00 | 25.86 0.80 0.00 | 25.57 0.79 -0.05 | 25.53 0.81 -0.05 | 26.05 1.01 0.00 | 28.98 1.26 0.00 | 36.41 1.45 0.00 | 26.31 1.10 0.00 | 25.31 1.27 0.00 | 25.64 1.48 -0.89 | 25.91 1.38 -1.78 | 40.82 1.59 -13.49 | 68.01 1.80 -40.93 | 44.80 1.72 -18.48 | 40.07 1.54 -14.25 | 44.49 1.39 -17.99 | 50.33 1.68 -14.84 | 40.83 1.92 0.00 | 43.41 1.82 -0.48 | 48.35 2.26 -2.91 | 44.08 2.43 -1.14 | 37.54 2.20 -1.89 | 31.58 1.69 -0.12 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 28.06 -0.16 0.00 | 25.45 0.09 0.00 | 25.26 0.20 0.00 | 24.89 0.16 0.00 | 24.78 0.11 0.00 | 25.04 0.00 0.00 | 27.43 -0.29 0.00 | 34.69 -0.27 0.00 | 25.19 -0.02 0.00 | 24.12 0.08 0.00 | 23.45 0.18 0.00 | 23.17 0.43 0.00 | 26.26 0.52 0.00 | 25.51 0.23 0.00 | 24.46 -0.14 0.00 | 24.03 -0.24 0.00 | 24.91 -0.20 0.00 | 33.70 -0.12 0.00 | 38.93 0.02 0.00 | 40.98 -0.13 0.00 | 43.00 -0.18 0.00 | 39.99 -0.51 0.00 | 33.44 -0.03 0.00 | 29.89 0.10 0.00 |
| BINGHAMTON___COGEN 23790 | 28.23 0.01 0.00 | 25.36 0.00 0.00 | 25.06 0.00 0.00 | 24.79 0.06 0.00 | 24.69 0.03 0.00 | 25.09 0.05 0.00 | 27.91 0.19 0.00 | 35.24 0.29 0.00 | 25.36 0.15 0.00 | 24.15 0.11 0.00 | 23.37 0.11 0.00 | 22.93 0.18 0.00 | 25.87 0.14 0.00 | 25.42 0.14 0.00 | 24.66 0.06 0.00 | 24.24 -0.03 0.00 | 25.11 0.00 0.00 | 33.96 0.14 0.00 | 39.12 0.21 0.00 | 41.44 0.28 -0.05 | 43.63 0.25 -0.21 | 40.60 0.10 0.00 | 33.62 0.16 0.00 | 29.86 0.07 0.00 |

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|-------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BIXINCNT_115KV_LOAD 355685 | 28.20 -0.02 0.00 | 25.52 0.17 0.00 | 25.31 0.25 0.00 | 24.96 0.23 0.00 | 24.88 0.21 0.00 | 25.24 0.20 0.00 | 27.80 0.08 0.00 | 35.24 0.29 0.00 | 25.55 0.34 0.00 | 24.42 0.39 0.00 | 23.74 0.48 0.00 | 23.45 0.70 0.00 | 26.51 0.78 0.00 | 25.81 0.53 0.00 | 24.74 0.14 0.00 | 24.27 -0.01 0.00 | 25.08 -0.03 0.00 | 33.90 0.08 0.00 | 39.12 0.21 0.00 | 41.20 0.08 0.00 | 43.28 0.11 0.00 | 40.30 -0.20 0.00 | 33.67 0.20 0.00 | 30.02 0.24 0.00 |
| BLACK RIVER___HYD 24047 | 48.21 1.34 -18.65 | 39.75 1.18 -13.21 | 29.48 1.11 -3.31 | 26.52 1.09 -0.70 | 31.90 1.13 -6.11 | 64.79 1.25 -38.49 | 123.39 1.50 -94.16 | 41.89 1.75 -5.17 | 26.01 0.80 0.00 | 24.42 0.39 0.00 | 23.51 0.24 0.00 | 23.58 0.17 -0.66 | 26.13 -0.22 -0.61 | 24.73 -0.55 0.00 | 23.99 -0.61 0.00 | 23.73 -0.55 0.00 | 24.83 -0.28 0.00 | 33.76 -0.07 0.00 | 39.92 1.01 0.00 | 42.90 1.69 -0.10 | 45.64 2.04 -0.43 | 42.94 2.43 0.00 | 35.21 1.75 0.00 | 31.20 1.42 0.00 |
| BLACKRVR_115KV_TB2 79977 | 48.21 1.34 -18.65 | 39.75 1.18 -13.21 | 29.48 1.11 -3.31 | 26.52 1.09 -0.70 | 31.90 1.13 -6.11 | 64.79 1.25 -38.49 | 123.39 1.50 -94.16 | 41.89 1.76 -5.17 | 26.01 0.80 0.00 | 24.43 0.39 0.00 | 23.51 0.24 0.00 | 23.58 0.17 -0.66 | 26.13 -0.21 -0.61 | 24.73 -0.55 0.00 | 23.99 -0.61 0.00 | 23.73 -0.55 0.00 | 24.83 -0.28 0.00 | 33.75 -0.06 0.00 | 39.92 1.01 0.00 | 42.90 1.69 -0.10 | 45.64 2.04 -0.43 | 42.94 2.43 0.00 | 35.21 1.75 0.00 | 31.20 1.42 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 29.48 1.26 0.00 | 26.30 0.95 0.00 | 25.94 0.88 0.00 | 25.58 0.85 0.00 | 25.54 0.87 0.00 | 26.14 1.09 0.00 | 29.08 1.36 0.00 | 36.58 1.63 0.00 | 26.41 1.20 0.00 | 25.38 1.34 0.00 | 25.70 1.54 -0.89 | 26.00 1.47 -1.79 | 42.50 1.66 -15.11 | 72.84 1.81 -45.75 | 47.07 1.76 -20.71 | 41.91 1.67 -15.97 | 46.53 1.49 -19.93 | 52.08 1.87 -16.39 | 41.08 2.16 0.00 | 43.75 2.11 -0.53 | 48.94 2.54 -3.22 | 44.45 2.67 -1.28 | 37.83 2.29 -2.08 | 31.60 1.70 -0.12 |
| BLISS_WT_PWR 323608 | 28.21 0.00 0.00 | 25.53 0.18 0.00 | 25.32 0.26 0.00 | 24.97 0.24 0.00 | 24.87 0.21 0.00 | 25.26 0.21 0.00 | 27.82 0.10 0.00 | 35.28 0.32 0.00 | 25.58 0.37 0.00 | 24.45 0.41 0.00 | 23.77 0.50 0.00 | 23.48 0.73 0.00 | 26.54 0.81 0.00 | 25.84 0.57 0.00 | 24.77 0.17 0.00 | 24.28 0.01 0.00 | 25.10 -0.02 0.00 | 33.90 0.08 0.00 | 39.10 0.19 0.00 | 41.21 0.09 0.00 | 43.33 0.15 0.00 | 40.33 -0.18 0.00 | 33.68 0.22 0.00 | 30.03 0.25 0.00 |
| BLUESTONE___WT_PWR 323821 | 29.30 1.08 0.00 | 26.30 0.95 0.00 | 25.99 0.93 0.00 | 25.69 0.96 0.00 | 25.62 0.96 0.00 | 26.09 1.04 0.00 | 29.10 1.38 0.00 | 36.30 1.34 0.00 | 25.79 0.58 0.00 | 24.69 0.65 0.00 | 23.82 0.55 0.00 | 23.26 0.52 0.00 | 26.30 0.57 0.00 | 25.80 0.52 0.00 | 25.16 0.55 0.00 | 24.80 0.52 0.00 | 25.76 0.65 0.00 | 35.02 1.21 0.00 | 40.61 1.70 0.00 | 43.31 2.16 -0.04 | 44.68 1.32 -0.18 | 41.44 0.94 0.00 | 34.21 0.75 0.00 | 30.11 0.33 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 28.80 0.57 0.00 | 25.84 0.49 0.00 | 25.54 0.48 0.00 | 25.22 0.49 0.00 | 25.15 0.49 0.00 | 25.54 0.50 0.00 | 28.31 0.59 0.00 | 35.57 0.61 0.00 | 25.53 0.32 0.00 | 24.31 0.27 0.00 | 23.52 0.26 0.00 | 23.00 0.25 0.00 | 25.98 0.26 0.01 | 25.53 0.26 0.00 | 24.93 0.32 0.00 | 24.60 0.33 0.00 | 25.42 0.31 0.00 | 34.28 0.46 0.00 | 39.52 0.61 0.00 | 41.72 0.61 0.00 | 43.98 0.80 0.00 | 41.36 0.85 0.00 | 34.03 0.68 0.11 | 30.32 0.59 0.05 |
| BOC_GAS_DRP 24189 | 28.62 0.39 0.00 | 25.66 0.31 0.00 | 25.36 0.30 0.00 | 25.03 0.30 0.00 | 24.97 0.30 0.00 | 25.36 0.31 0.00 | 28.10 0.38 0.00 | 35.39 0.43 0.00 | 25.53 0.32 0.00 | 24.37 0.33 0.00 | 23.60 0.33 0.00 | 23.07 0.33 0.00 | 26.06 0.33 0.01 | 25.63 0.35 0.00 | 25.00 0.40 0.00 | 24.66 0.39 0.00 | 25.44 0.33 0.00 | 34.20 0.38 0.00 | 39.28 0.37 0.00 | 41.45 0.33 0.00 | 43.72 0.55 0.00 | 41.13 0.62 0.00 | 33.83 0.48 0.11 | 30.14 0.41 0.05 |
| BOONVILLE_115KV_TB1 79983 | 39.51 0.93 -10.36 | 33.50 0.80 -7.34 | 27.65 0.75 -1.84 | 25.88 0.76 -0.39 | 28.84 0.78 -3.39 | 47.29 0.86 -21.39 | 81.08 1.03 -52.33 | 39.05 1.22 -2.88 | 25.83 0.62 0.00 | 24.44 0.40 0.00 | 23.59 0.33 0.00 | 23.42 0.31 -0.37 | 26.32 0.25 -0.34 | 25.43 0.15 0.00 | 24.79 0.18 0.00 | 24.54 0.27 0.00 | 25.54 0.43 0.00 | 34.59 0.77 0.00 | 40.14 1.23 0.00 | 42.58 1.44 -0.02 | 44.88 1.60 -0.11 | 42.15 1.64 0.00 | 34.69 1.23 0.00 | 30.81 1.03 0.00 |
| BORALEX_4TH_BRANCH 23824 | 29.42 1.20 0.00 | 26.29 0.94 0.00 | 25.88 0.82 0.00 | 25.62 0.90 0.00 | 25.54 0.87 0.00 | 26.04 0.99 0.00 | 28.93 1.21 0.00 | 36.41 1.46 0.00 | 26.16 0.95 0.00 | 24.97 0.93 0.00 | 24.17 0.77 -0.13 | 23.74 0.74 -0.26 | 26.43 0.73 0.03 | 26.00 0.72 0.00 | 25.43 0.83 0.00 | 25.09 0.82 0.00 | 25.90 0.79 0.00 | 34.86 1.04 0.00 | 40.04 1.13 0.00 | 42.22 1.11 0.00 | 44.71 1.53 0.00 | 42.24 1.74 0.00 | 34.25 1.33 0.54 | 30.70 1.17 0.25 |
| BOWLINE___1 23526 | 29.08 0.86 0.00 | 25.99 0.64 0.00 | 25.63 0.57 0.00 | 25.26 0.53 0.00 | 25.23 0.56 0.00 | 25.78 0.74 0.00 | 28.68 0.95 0.00 | 36.27 1.31 0.00 | 26.24 1.03 0.00 | 25.11 1.07 0.00 | 23.16 1.12 1.23 | 21.41 1.11 2.44 | 27.03 1.28 -0.01 | 26.72 1.44 0.00 | 26.01 1.40 0.00 | 25.57 1.30 0.00 | 26.32 1.21 0.00 | 35.29 1.47 0.00 | 40.48 1.57 0.00 | 42.67 1.55 0.00 | 45.10 1.92 0.00 | 42.44 1.93 0.00 | 35.21 1.52 -0.23 | 31.11 1.22 -0.11 |
| BOWLINE___2 23595 | 29.07 0.85 0.00 | 25.99 0.63 0.00 | 25.63 0.57 0.00 | 25.25 0.52 0.00 | 25.23 0.56 0.00 | 25.78 0.73 0.00 | 28.67 0.95 0.00 | 36.26 1.30 0.00 | 26.23 1.02 0.00 | 25.10 1.06 0.00 | 23.15 1.11 1.23 | 21.40 1.10 2.44 | 27.02 1.27 -0.01 | 26.70 1.42 0.00 | 26.00 1.39 0.00 | 25.57 1.29 0.00 | 26.31 1.20 0.00 | 35.29 1.47 0.00 | 40.46 1.56 0.00 | 42.65 1.54 0.00 | 45.09 1.92 0.00 | 42.41 1.90 0.00 | 35.20 1.51 -0.23 | 31.10 1.21 -0.11 |
| BRADY___115KV_TB2 356060 | 121.86 0.77 -92.87 | 91.92 0.76 -65.80 | 42.28 0.72 -16.49 | 28.91 0.69 -3.49 | 55.80 0.72 -30.41 | 217.45 0.72 -191.69 | 497.50 0.84 -468.94 | 61.73 1.00 -25.77 | 25.69 0.48 0.00 | 24.43 0.39 0.00 | 23.59 0.32 0.00 | 26.34 0.30 -3.29 | 29.18 0.40 -3.05 | 25.54 0.26 0.00 | 24.78 0.18 0.00 | 24.57 0.29 0.00 | 25.34 0.23 0.00 | 34.18 0.36 0.00 | 39.67 0.76 0.00 | 42.12 1.01 0.00 | 44.09 0.91 0.00 | 41.31 0.80 0.00 | 33.79 0.33 0.00 | 30.38 0.60 0.00 |
| BRANSCOMB___SOLAR 323811 | 29.85 1.63 0.00 | 26.70 1.34 0.00 | 26.31 1.25 0.00 | 26.04 1.31 0.00 | 25.97 1.30 0.00 | 26.47 1.42 0.00 | 29.41 1.69 0.00 | 37.02 2.06 0.00 | 26.43 1.22 0.00 | 25.03 1.00 0.00 | 24.08 0.82 0.00 | 23.52 0.77 0.00 | 26.51 0.80 0.02 | 26.09 0.81 0.00 | 25.52 0.92 0.00 | 25.25 0.98 0.00 | 26.37 1.26 0.00 | 35.78 1.96 0.00 | 41.20 2.29 0.00 | 43.50 2.38 0.00 | 45.96 2.79 0.00 | 43.19 2.68 0.00 | 35.27 2.09 0.28 | 31.48 1.83 0.13 |
| BRDGHMPT_69_KV_BK1 55812 | 30.11 1.89 0.00 | 26.91 1.55 0.00 | 26.71 1.65 0.00 | 27.98 1.76 -1.50 | 27.86 1.78 -1.41 | 27.03 1.94 -0.04 | 30.18 2.34 -0.11 | 37.78 2.83 0.00 | 36.34 2.08 -9.04 | 58.00 2.27 -31.69 | 26.56 2.40 -0.89 | 26.51 1.99 -1.78 | 39.50 2.22 -11.54 | 62.35 2.04 -35.03 | 42.84 2.43 -15.81 | 38.63 2.16 -12.20 | 42.62 2.08 -15.43 | 49.27 2.72 -12.73 | 42.09 3.18 0.00 | 44.59 3.07 -0.41 | 49.53 3.86 -2.50 | 45.31 3.83 -0.98 | 38.49 3.38 -1.65 | 32.24 2.34 -0.12 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 29.71 1.48 0.00 | 26.50 1.15 0.00 | 26.19 1.13 0.00 | 26.15 1.10 -0.31 | 26.08 1.12 -0.29 | 26.37 1.32 -0.01 | 29.42 1.68 -0.02 | 36.86 1.90 0.00 | 28.51 1.41 -1.89 | 32.20 1.54 -6.63 | 25.91 1.75 -0.89 | 26.09 1.56 -1.78 | 39.32 1.86 -11.74 | 62.89 2.00 -35.61 | 42.66 1.98 -16.07 | 38.52 1.86 -12.40 | 42.51 1.72 -15.68 | 48.88 2.11 -12.94 | 41.44 2.53 0.00 | 43.97 2.44 -0.41 | 48.73 3.01 -2.54 | 44.64 3.13 -0.99 | 37.83 2.69 -1.67 | 31.85 1.95 -0.12 |
| BRISTLHL_115KV_TB1 79998 | 30.23 -0.60 -2.60 | 26.69 -0.51 -1.84 | 25.02 -0.50 -0.46 | 24.33 -0.49 -0.10 | 25.03 -0.49 -0.85 | 29.91 -0.51 -5.37 | 40.23 -0.64 -13.14 | 34.91 -0.77 -0.72 | 24.59 -0.62 0.00 | 23.39 -0.64 0.00 | 22.64 -0.62 0.00 | 22.25 -0.59 -0.09 | 25.13 -0.69 -0.09 | 24.60 -0.68 0.00 | 23.92 -0.68 0.00 | 23.58 -0.69 0.00 | 24.45 -0.66 0.00 | 32.99 -0.82 0.00 | 38.08 -0.83 0.00 | 40.52 -0.84 -0.24 | 43.37 -0.84 -1.04 | 39.66 -0.85 0.00 | 32.80 -0.66 0.00 | 29.16 -0.62 0.00 |
| BROOKHAVEN___DRP 24191 | 29.52 1.30 0.00 | 26.38 1.03 0.00 | 26.14 1.08 0.00 | 27.37 1.15 -1.49 | 27.23 1.17 -1.40 | 26.40 1.32 -0.04 | 29.47 1.64 -0.11 | 36.91 1.95 0.00 | 35.64 1.44 -8.99 | 57.16 1.62 -31.50 | 25.96 1.80 -0.89 | 26.02 1.49 -1.78 | 38.96 1.69 -11.54 | 61.88 1.58 -35.02 | 42.19 1.78 -15.81 | 37.99 1.53 -12.19 | 41.91 1.38 -15.42 | 48.25 1.71 -12.73 | 40.96 2.05 0.00 | 43.45 1.92 -0.41 | 48.34 2.66 -2.50 | 44.29 2.81 -0.98 | 37.65 2.54 -1.65 | 31.58 1.69 -0.12 |
| BROOKLYN_NAVY_YARD 23515 | 29.21 1.00 0.00 | 26.14 0.78 0.00 | 25.81 0.75 0.00 | 25.43 0.70 0.00 | 25.41 0.74 0.00 | 25.96 0.92 0.00 | 28.88 1.16 0.00 | 36.49 1.53 0.00 | 26.46 1.26 0.00 | 25.39 1.35 0.00 | 25.60 1.44 -0.90 | 25.95 1.42 -1.79 | 27.30 1.55 -0.01 | 26.94 1.66 0.00 | 26.27 1.66 0.00 | 25.85 1.58 0.00 | 26.55 1.44 0.00 | 35.56 1.74 0.00 | 40.63 1.72 0.00 | 42.79 1.68 0.00 | 45.37 2.20 0.00 | 42.75 2.24 0.00 | 35.52 1.82 -0.25 | 31.35 1.45 -0.12 |
| BROOKLYN___ARMY_DRP 323595 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| BROOME_2_LFGE 323671 | 28.23 0.01 0.00 | 25.36 0.00 0.00 | 25.06 0.01 0.00 | 24.79 0.06 0.00 | 24.69 0.03 0.00 | 25.08 0.04 0.00 | 27.91 0.19 0.00 | 35.25 0.29 0.00 | 25.36 0.15 0.00 | 24.15 0.11 0.00 | 23.37 0.10 0.00 | 22.93 0.18 0.00 | 25.87 0.14 0.00 | 25.42 0.14 0.00 | 24.66 0.06 0.00 | 24.24 -0.03 0.00 | 25.11 0.00 0.00 | 33.96 0.14 0.00 | 39.11 0.20 0.00 | 41.44 0.28 -0.05 | 43.64 0.25 -0.21 | 40.61 0.10 0.00 | 33.62 0.16 0.00 | 29.86 0.07 0.00 |
| BROOME___LFGE 323600 | 28.23 0.01 0.00 | 25.36 0.00 0.00 | 25.06 0.01 0.00 | 24.79 0.06 0.00 | 24.69 0.03 0.00 | 25.08 0.04 0.00 | 27.91 0.19 0.00 | 35.25 0.29 0.00 | 25.36 0.15 0.00 | 24.15 0.11 0.00 | 23.37 0.10 0.00 | 22.93 0.18 0.00 | 25.87 0.14 0.00 | 25.42 0.14 0.00 | 24.66 0.06 0.00 | 24.24 -0.03 0.00 | 25.11 0.00 0.00 | 33.96 0.14 0.00 | 39.11 0.20 0.00 | 41.44 0.28 -0.05 | 43.64 0.25 -0.21 | 40.61 0.10 0.00 | 33.62 0.16 0.00 | 29.86 0.07 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.83 0.89 -99.89 | 273.11 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.54 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 29.52 1.29 0.00 | 26.37 1.02 0.00 | 26.03 0.97 0.00 | 25.64 0.91 0.00 | 25.60 0.94 0.00 | 26.18 1.14 0.00 | 29.16 1.44 0.00 | 36.89 1.93 0.00 | 26.74 1.54 0.00 | 25.65 1.61 0.00 | 25.85 1.68 -0.90 | 26.20 1.67 -1.79 | 27.60 1.86 -0.01 | 27.24 1.96 0.00 | 26.55 1.94 0.00 | 26.13 1.86 0.00 | 26.86 1.75 0.00 | 36.00 2.18 0.00 | 41.12 2.21 0.00 | 43.36 2.24 0.00 | 45.95 2.78 0.00 | 43.26 2.76 0.00 | 35.94 2.23 -0.25 | 31.70 1.80 -0.12 |
| BURROWS___LYONSDAL 23803 | 42.82 0.98 -13.61 | 35.85 0.85 -9.64 | 28.28 0.80 -2.42 | 26.05 0.81 -0.51 | 29.95 0.83 -4.46 | 54.05 0.91 -28.10 | 97.54 1.09 -68.73 | 40.01 1.28 -3.78 | 25.83 0.63 0.00 | 24.42 0.39 0.00 | 23.57 0.30 0.00 | 23.50 0.27 -0.48 | 26.35 0.17 -0.45 | 25.30 0.03 0.00 | 24.65 0.04 0.00 | 24.40 0.13 0.00 | 25.42 0.31 0.00 | 34.43 0.61 0.00 | 40.07 1.16 0.00 | 42.55 1.41 -0.03 | 44.91 1.60 -0.14 | 42.23 1.72 0.00 | 34.73 1.27 0.00 | 30.86 1.08 0.00 |
| CAITHNESS_CC_1 323624 | 29.48 1.26 0.00 | 26.34 0.98 0.00 | 26.09 1.03 0.00 | 27.28 1.08 -1.48 | 27.15 1.10 -1.39 | 26.34 1.25 -0.04 | 29.41 1.57 -0.11 | 36.80 1.85 0.00 | 35.52 1.38 -8.94 | 56.90 1.55 -31.32 | 25.91 1.75 -0.89 | 25.99 1.47 -1.78 | 38.92 1.65 -11.53 | 61.88 1.59 -35.01 | 42.15 1.75 -15.80 | 37.98 1.53 -12.19 | 41.90 1.38 -15.41 | 48.23 1.69 -12.72 | 40.93 2.01 0.00 | 43.40 1.88 -0.41 | 48.24 2.57 -2.50 | 44.23 2.75 -0.97 | 37.58 2.47 -1.65 | 31.55 1.65 -0.12 |
| CALPINE BETH_PAGE_GT4 24209 | 29.37 1.15 0.00 | 26.20 0.85 0.00 | 25.84 0.79 0.00 | 25.50 0.77 0.00 | 25.46 0.79 0.00 | 26.04 0.99 0.00 | 28.97 1.25 0.00 | 36.42 1.46 0.00 | 26.31 1.10 0.00 | 25.30 1.26 0.00 | 25.63 1.47 -0.89 | 25.90 1.37 -1.78 | 41.68 1.58 -14.38 | 70.68 1.79 -43.61 | 46.00 1.70 -19.69 | 40.97 1.51 -15.19 | 45.62 1.36 -19.15 | 51.25 1.64 -15.80 | 40.78 1.87 0.00 | 43.40 1.78 -0.51 | 48.49 2.21 -3.10 | 44.11 2.38 -1.21 | 37.62 2.17 -1.99 | 31.53 1.63 -0.12 |
| CALPINE_BETH_PAGE_GT_4 323586 | 29.37 1.15 0.00 | 26.20 0.85 0.00 | 25.85 0.79 0.00 | 25.50 0.77 0.00 | 25.46 0.80 0.00 | 26.04 0.99 0.00 | 28.98 1.26 0.00 | 36.42 1.46 0.00 | 26.31 1.10 0.00 | 25.30 1.26 0.00 | 25.63 1.47 -0.89 | 25.90 1.37 -1.78 | 41.68 1.58 -14.38 | 70.68 1.80 -43.61 | 46.00 1.71 -19.69 | 40.97 1.51 -15.19 | 45.63 1.36 -19.15 | 51.26 1.64 -15.80 | 40.79 1.87 0.00 | 43.40 1.78 -0.51 | 48.48 2.20 -3.10 | 44.11 2.38 -1.21 | 37.62 2.17 -1.99 | 31.53 1.63 -0.12 |
| CALPINE_BP_GT1 23823 | 29.37 1.15 0.00 | 26.20 0.85 0.00 | 25.85 0.79 0.00 | 25.50 0.77 0.00 | 25.46 0.80 0.00 | 26.04 0.99 0.00 | 28.98 1.26 0.00 | 36.42 1.46 0.00 | 26.31 1.10 0.00 | 25.30 1.26 0.00 | 25.63 1.47 -0.89 | 25.90 1.37 -1.78 | 41.68 1.58 -14.38 | 70.68 1.80 -43.61 | 46.00 1.71 -19.69 | 40.97 1.51 -15.19 | 45.63 1.36 -19.15 | 51.26 1.64 -15.80 | 40.79 1.87 0.00 | 43.40 1.78 -0.51 | 48.48 2.20 -3.10 | 44.11 2.38 -1.21 | 37.62 2.17 -1.99 | 31.53 1.63 -0.12 |
| CALSPAN___DRP 24200 | 28.02 -0.19 0.00 | 25.43 0.07 0.00 | 25.24 0.18 0.00 | 24.87 0.14 0.00 | 24.75 0.09 0.00 | 25.01 -0.04 0.00 | 27.39 -0.33 0.00 | 34.62 -0.33 0.00 | 25.14 -0.07 0.00 | 24.06 0.03 0.00 | 23.39 0.13 0.00 | 23.12 0.38 0.00 | 26.19 0.46 0.00 | 25.44 0.16 0.00 | 24.39 -0.21 0.00 | 23.97 -0.31 0.00 | 24.84 -0.27 0.00 | 33.59 -0.22 0.00 | 38.83 -0.08 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.91 -0.60 0.00 | 33.38 -0.08 0.00 | 29.85 0.07 0.00 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| CALVERTON___SOLAR 323806 | 29.59 1.37 0.00 | 26.44 1.09 0.00 | 26.22 1.16 0.00 | 27.46 1.24 -1.49 | 27.34 1.27 -1.40 | 26.49 1.40 -0.04 | 29.58 1.75 -0.11 | 37.03 2.07 0.00 | 35.75 1.52 -9.01 | 57.33 1.71 -31.58 | 26.04 1.88 -0.89 | 26.07 1.55 -1.78 | 39.02 1.75 -11.54 | 61.90 1.59 -35.02 | 42.25 1.84 -15.81 | 38.04 1.57 -12.19 | 41.97 1.44 -15.42 | 48.36 1.81 -12.73 | 41.08 2.17 0.00 | 43.56 2.04 -0.41 | 48.48 2.80 -2.50 | 44.40 2.92 -0.98 | 37.76 2.65 -1.65 | 31.65 1.75 -0.12 |
| CANDIGU_WT_PWR 323617 | 28.12 -0.10 0.00 | 25.36 0.01 0.00 | 25.09 0.03 0.00 | 24.82 0.09 0.00 | 24.69 0.03 0.00 | 25.08 0.04 0.00 | 27.71 -0.01 0.00 | 34.97 0.01 0.00 | 25.04 -0.17 0.00 | 23.77 -0.27 0.00 | 23.01 -0.25 0.00 | 22.68 -0.06 0.00 | 25.69 -0.05 0.00 | 25.20 -0.08 0.00 | 24.26 -0.35 0.00 | 23.78 -0.49 0.00 | 24.66 -0.45 0.00 | 33.52 -0.30 0.00 | 38.91 0.00 0.00 | 41.31 0.17 -0.02 | 43.33 0.06 -0.09 | 40.31 -0.20 0.00 | 33.55 0.09 0.00 | 29.87 0.09 0.00 |
| CARR STREET_E_SYR 24060 | 29.97 -0.51 -2.26 | 26.53 -0.43 -1.60 | 25.04 -0.43 -0.40 | 24.40 -0.41 -0.08 | 24.99 -0.42 -0.74 | 29.28 -0.44 -4.67 | 38.55 -0.60 -11.43 | 34.87 -0.72 -0.63 | 24.64 -0.57 0.00 | 23.50 -0.54 0.00 | 22.76 -0.50 0.00 | 22.37 -0.45 -0.08 | 25.29 -0.51 -0.07 | 24.77 -0.51 0.00 | 24.02 -0.58 0.00 | 23.70 -0.57 0.00 | 24.58 -0.54 0.00 | 33.17 -0.65 0.00 | 38.24 -0.67 0.00 | 40.47 -0.70 -0.06 | 42.71 -0.74 -0.27 | 39.74 -0.77 0.00 | 32.86 -0.60 0.00 | 29.25 -0.53 0.00 |
| CARTHAGE___PAPER 23857 | 51.46 1.39 -21.85 | 42.06 1.22 -15.48 | 30.10 1.16 -3.88 | 26.69 1.14 -0.82 | 33.00 1.18 -7.15 | 71.44 1.30 -45.10 | 139.59 1.55 -110.32 | 42.82 1.80 -6.06 | 26.05 0.85 0.00 | 24.49 0.45 0.00 | 23.56 0.29 0.00 | 23.71 0.19 -0.78 | 26.21 -0.24 -0.72 | 24.54 -0.74 0.00 | 23.81 -0.80 0.00 | 23.61 -0.66 0.00 | 24.66 -0.45 0.00 | 33.54 -0.28 0.00 | 39.71 0.80 0.00 | 42.28 1.09 -0.08 | 44.97 1.44 -0.36 | 42.84 2.34 0.00 | 35.19 1.72 0.00 | 31.23 1.45 0.00 |
| CASSADAGA_WT_PWR 323784 | 28.23 0.01 0.00 | 25.50 0.15 0.00 | 25.25 0.19 0.00 | 24.95 0.22 0.00 | 24.81 0.15 0.00 | 25.18 0.13 0.00 | 27.84 0.11 0.00 | 35.42 0.46 0.00 | 25.59 0.38 0.00 | 24.43 0.39 0.00 | 23.72 0.46 0.00 | 23.48 0.73 0.00 | 26.54 0.81 0.00 | 25.89 0.62 0.00 | 24.67 0.07 0.00 | 24.05 -0.22 0.00 | 24.91 -0.20 0.00 | 33.78 -0.04 0.00 | 39.08 0.17 0.00 | 41.36 0.25 0.00 | 43.26 0.08 0.00 | 40.13 -0.38 0.00 | 33.55 0.09 0.00 | 29.97 0.18 0.00 |
| CE_DUNWOOD___DRP 24194 | 29.20 0.98 0.00 | 26.09 0.73 0.00 | 25.74 0.69 0.00 | 25.37 0.64 0.00 | 25.33 0.66 0.00 | 25.89 0.85 0.00 | 28.80 1.07 0.00 | 36.42 1.46 0.00 | 26.36 1.15 0.00 | 25.25 1.21 0.00 | 25.51 1.28 -0.97 | 25.93 1.26 -1.92 | 27.16 1.42 -0.01 | 26.83 1.55 0.00 | 26.12 1.52 0.00 | 25.71 1.44 0.00 | 26.45 1.34 0.00 | 35.46 1.64 0.00 | 40.61 1.70 0.00 | 42.79 1.68 0.00 | 45.29 2.12 0.00 | 42.63 2.12 0.00 | 35.41 1.70 -0.25 | 31.26 1.36 -0.12 |
| CE_MILLWOOD___DRP 24193 | 29.16 0.94 0.00 | 26.06 0.71 0.00 | 25.70 0.64 0.00 | 25.34 0.61 0.00 | 25.30 0.63 0.00 | 25.85 0.81 0.00 | 28.75 1.03 0.00 | 36.37 1.42 0.00 | 26.32 1.12 0.00 | 25.21 1.17 0.00 | 25.51 1.23 -1.02 | 25.98 1.21 -2.02 | 27.11 1.37 -0.01 | 26.78 1.50 0.00 | 26.07 1.47 0.00 | 25.65 1.38 0.00 | 26.39 1.28 0.00 | 35.39 1.57 0.00 | 40.54 1.63 0.00 | 42.73 1.62 0.00 | 45.21 2.04 0.00 | 42.55 2.04 0.00 | 35.33 1.63 -0.25 | 31.20 1.31 -0.11 |
| CE_NYC2_DRP 24202 | 29.33 1.11 0.00 | 26.27 0.92 0.00 | 25.92 0.86 0.00 | 25.52 0.79 0.00 | 25.49 0.82 0.00 | 26.05 1.01 0.00 | 28.98 1.26 0.00 | 36.69 1.74 0.00 | 26.61 1.40 0.00 | 25.52 1.48 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.42 1.68 -0.01 | 27.07 1.78 0.00 | 26.35 1.75 0.00 | 25.94 1.67 0.00 | 26.63 1.52 0.00 | 35.64 1.82 0.00 | 40.73 1.81 0.00 | 42.92 1.81 0.00 | 45.57 2.39 0.00 | 42.95 2.44 0.00 | 35.67 1.97 -0.25 | 31.45 1.55 -0.12 |
| CE_NYC_DRP 24195 | 29.31 1.09 0.00 | 26.19 0.84 0.00 | 25.86 0.80 0.00 | 25.49 0.76 0.00 | 25.45 0.78 0.00 | 26.02 0.97 0.00 | 28.96 1.24 0.00 | 36.63 1.68 0.00 | 26.55 1.34 0.00 | 25.46 1.42 0.00 | 25.66 1.49 -0.90 | 26.02 1.49 -1.79 | 27.40 1.66 -0.01 | 27.04 1.76 0.00 | 26.35 1.75 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.79 1.88 0.00 | 42.99 1.88 0.00 | 45.55 2.38 0.00 | 42.91 2.40 0.00 | 35.65 1.94 -0.25 | 31.45 1.56 -0.12 |
| CHAFFEE___LFGE 323603 | 28.10 -0.12 0.00 | 25.48 0.12 0.00 | 25.27 0.22 0.00 | 24.92 0.19 0.00 | 24.80 0.13 0.00 | 25.08 0.04 0.00 | 27.48 -0.24 0.00 | 34.77 -0.19 0.00 | 25.26 0.05 0.00 | 24.16 0.12 0.00 | 23.48 0.22 0.00 | 23.21 0.46 0.00 | 26.28 0.55 0.00 | 25.55 0.27 0.00 | 24.48 -0.13 0.00 | 24.04 -0.23 0.00 | 24.93 -0.19 0.00 | 33.72 -0.09 0.00 | 38.94 0.03 0.00 | 41.01 -0.10 0.00 | 43.08 -0.10 0.00 | 40.05 -0.45 0.00 | 33.48 0.02 0.00 | 29.91 0.13 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 39.66 0.68 -10.76 | 33.57 0.59 -7.62 | 27.51 0.54 -1.91 | 25.63 0.50 -0.40 | 28.64 0.46 -3.52 | 47.76 0.52 -22.20 | 82.67 0.63 -54.31 | 38.71 0.77 -2.98 | 25.62 0.41 0.00 | 24.51 0.48 0.00 | 23.69 0.42 0.00 | 23.57 0.44 -0.38 | 26.55 0.46 -0.35 | 25.63 0.35 0.00 | 24.92 0.31 0.00 | 24.61 0.34 0.00 | 25.50 0.39 0.00 | 34.04 0.22 0.00 | 39.33 0.42 0.00 | 41.76 0.65 0.00 | 43.76 0.58 0.00 | 41.04 0.53 0.00 | 34.15 0.69 0.00 | 30.35 0.57 0.00 |
| CHATEAUG_WT_PWR 323614 | 33.18 0.63 -4.32 | 28.96 0.54 -3.06 | 26.32 0.50 -0.77 | 25.35 0.46 -0.16 | 26.50 0.41 -1.41 | 34.43 0.46 -8.92 | 50.12 0.57 -21.83 | 36.81 0.66 -1.20 | 25.59 0.38 0.00 | 24.45 0.41 0.00 | 23.67 0.40 0.00 | 23.32 0.42 -0.15 | 26.34 0.47 -0.14 | 25.65 0.37 0.00 | 24.94 0.34 0.00 | 24.64 0.37 0.00 | 25.53 0.42 0.00 | 34.05 0.23 0.00 | 39.27 0.35 0.00 | 41.63 0.52 0.00 | 43.66 0.49 0.00 | 40.96 0.45 0.00 | 34.05 0.59 0.00 | 30.31 0.53 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 39.66 0.68 -10.76 | 33.57 0.59 -7.62 | 27.51 0.54 -1.91 | 25.63 0.50 -0.40 | 28.64 0.46 -3.52 | 47.76 0.52 -22.20 | 82.67 0.63 -54.31 | 38.71 0.77 -2.98 | 25.62 0.41 0.00 | 24.51 0.48 0.00 | 23.69 0.42 0.00 | 23.57 0.44 -0.38 | 26.55 0.46 -0.35 | 25.63 0.35 0.00 | 24.92 0.31 0.00 | 24.61 0.34 0.00 | 25.50 0.39 0.00 | 34.04 0.22 0.00 | 39.33 0.42 0.00 | 41.76 0.65 0.00 | 43.76 0.58 0.00 | 41.04 0.53 0.00 | 34.15 0.69 0.00 | 30.35 0.57 0.00 |
| CHAUTAUQUA___LFGE 323629 | 28.09 -0.13 0.00 | 25.40 0.04 0.00 | 25.14 0.08 0.00 | 24.85 0.12 0.00 | 24.71 0.04 0.00 | 25.03 -0.02 0.00 | 27.54 -0.18 0.00 | 34.86 -0.10 0.00 | 25.27 0.06 0.00 | 24.15 0.12 0.00 | 23.43 0.17 0.00 | 23.21 0.46 0.00 | 26.26 0.53 0.00 | 25.61 0.33 0.00 | 24.50 -0.10 0.00 | 23.94 -0.33 0.00 | 24.85 -0.26 0.00 | 33.67 -0.15 0.00 | 38.91 0.00 0.00 | 41.19 0.07 0.00 | 43.12 -0.05 0.00 | 40.04 -0.47 0.00 | 33.45 -0.02 0.00 | 29.87 0.09 0.00 |
| CHERRYST_13_KV_LD 356241 | 29.38 1.16 0.00 | 26.26 0.91 0.00 | 25.93 0.88 0.00 | 25.56 0.82 0.00 | 25.52 0.86 0.00 | 26.10 1.05 0.00 | 29.06 1.34 0.00 | 36.75 1.80 0.00 | 26.64 1.43 0.00 | 25.56 1.52 0.00 | 25.75 1.59 -0.90 | 26.11 1.57 -1.79 | 27.52 1.77 -0.01 | 27.15 1.87 0.00 | 26.45 1.84 0.00 | 26.03 1.76 0.00 | 26.75 1.64 0.00 | 35.83 2.02 0.00 | 40.93 2.02 0.00 | 43.12 2.01 0.00 | 45.70 2.52 0.00 | 43.04 2.53 0.00 | 35.76 2.05 -0.25 | 31.55 1.65 -0.12 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| CHESTROR_138KV_BK263 355645 | 28.98 0.76 0.00 | 25.92 0.56 0.00 | 25.56 0.51 0.00 | 25.20 0.47 0.00 | 25.16 0.49 0.00 | 25.68 0.64 0.00 | 28.55 0.83 0.00 | 36.05 1.10 0.00 | 26.06 0.85 0.00 | 24.90 0.86 0.00 | 23.38 0.90 0.78 | 22.08 0.89 1.56 | 26.75 1.01 -0.01 | 26.43 1.15 0.00 | 25.75 1.15 0.00 | 25.35 1.07 0.00 | 26.11 1.00 0.00 | 35.05 1.23 0.00 | 40.23 1.32 0.00 | 42.43 1.32 0.00 | 44.83 1.66 0.00 | 42.16 1.65 0.00 | 34.97 1.30 -0.21 | 30.93 1.05 -0.10 |
| CH_MIDHUDSON___DRP 24192 | 29.20 0.98 0.00 | 26.09 0.74 0.00 | 25.74 0.68 0.00 | 25.37 0.64 0.00 | 25.32 0.66 0.00 | 25.86 0.82 0.00 | 28.74 1.02 0.00 | 36.25 1.30 0.00 | 26.20 1.00 0.00 | 25.06 1.02 0.00 | 24.46 1.06 -0.13 | 24.03 1.04 -0.25 | 26.88 1.14 -0.01 | 26.54 1.26 0.00 | 25.94 1.34 0.00 | 25.56 1.29 0.00 | 26.35 1.23 0.00 | 35.37 1.55 0.00 | 40.55 1.64 0.00 | 42.75 1.64 0.00 | 45.20 2.02 0.00 | 42.50 1.99 0.00 | 35.18 1.56 -0.16 | 31.12 1.26 -0.08 |
| CH_MISC_IPPS 23765 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.45 0.78 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.77 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.60 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.49 2.31 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |
| CH_RES_BVR_FALLS 23983 | 26.93 0.05 1.35 | 24.45 0.05 0.96 | 24.87 0.05 0.24 | 24.73 0.06 0.05 | 24.28 0.05 0.44 | 22.31 0.05 2.78 | 20.99 0.07 6.81 | 34.66 0.08 0.37 | 25.26 0.05 0.00 | 24.09 0.05 0.00 | 23.30 0.04 0.00 | 22.72 0.02 0.05 | 25.71 0.03 0.04 | 25.29 0.01 0.00 | 24.60 0.00 0.00 | 24.27 0.00 0.00 | 25.13 0.02 0.00 | 33.85 0.03 0.00 | 38.96 0.05 0.00 | 41.16 0.04 0.00 | 43.22 0.05 0.00 | 40.55 0.04 0.00 | 33.45 -0.01 0.00 | 29.78 0.00 0.00 |
| CH_RES_NIAGARA 23895 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.32 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.05 0.00 | 33.66 -1.30 0.00 | 24.51 -0.70 0.00 | 23.49 -0.55 0.00 | 22.84 -0.43 0.00 | 22.57 -0.17 0.00 | 25.58 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.94 0.00 | 24.19 -0.92 0.00 | 32.67 -1.15 0.00 | 37.73 -1.18 0.00 | 39.60 -1.52 0.00 | 41.65 -1.53 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| CH_RES_SYRACUSE 23985 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.59 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.18 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| CLINTON_WT_PWR 323605 | 33.18 0.63 -4.32 | 28.96 0.54 -3.06 | 26.32 0.50 -0.77 | 25.35 0.46 -0.16 | 26.50 0.41 -1.41 | 34.43 0.46 -8.92 | 50.12 0.57 -21.83 | 36.81 0.66 -1.20 | 25.59 0.38 0.00 | 24.45 0.41 0.00 | 23.67 0.40 0.00 | 23.32 0.42 -0.15 | 26.34 0.47 -0.14 | 25.65 0.37 0.00 | 24.94 0.34 0.00 | 24.64 0.37 0.00 | 25.53 0.42 0.00 | 34.05 0.23 0.00 | 39.27 0.35 0.00 | 41.63 0.52 0.00 | 43.66 0.49 0.00 | 40.96 0.45 0.00 | 34.05 0.59 0.00 | 30.31 0.53 0.00 |
| CLINTON___LFGE 323618 | 35.84 1.05 -6.57 | 30.87 0.86 -4.65 | 27.03 0.80 -1.17 | 25.74 0.76 -0.25 | 27.52 0.70 -2.15 | 39.40 0.80 -13.56 | 61.88 0.99 -33.17 | 37.96 1.18 -1.82 | 25.90 0.69 0.00 | 24.70 0.66 0.00 | 23.91 0.64 0.00 | 23.68 0.71 -0.23 | 26.70 0.75 -0.22 | 25.94 0.66 0.00 | 25.25 0.65 0.00 | 24.95 0.68 0.00 | 25.87 0.76 0.00 | 34.40 0.59 0.00 | 39.69 0.79 0.00 | 42.19 1.07 0.00 | 44.42 1.24 0.00 | 41.61 1.10 0.00 | 34.72 1.26 0.00 | 30.78 1.00 0.00 |
| COBBLENY_34_KV_TB1 80064 | 28.10 -0.13 0.00 | 25.47 0.12 0.00 | 25.28 0.22 0.00 | 24.91 0.19 0.00 | 24.80 0.14 0.00 | 25.08 0.04 0.00 | 27.48 -0.24 0.00 | 34.77 -0.19 0.00 | 25.25 0.04 0.00 | 24.16 0.12 0.00 | 23.48 0.21 0.00 | 23.21 0.46 0.00 | 26.29 0.56 0.00 | 25.55 0.27 0.00 | 24.48 -0.13 0.00 | 24.04 -0.23 0.00 | 24.93 -0.19 0.00 | 33.73 -0.09 0.00 | 38.97 0.05 0.00 | 41.01 -0.10 0.00 | 43.06 -0.12 0.00 | 40.05 -0.46 0.00 | 33.48 0.02 0.00 | 29.91 0.13 0.00 |
| COFFEEN___115KV_TB3 355620 | 47.79 1.49 -18.08 | 39.46 1.30 -12.81 | 29.50 1.23 -3.21 | 26.61 1.20 -0.68 | 31.83 1.24 -5.92 | 63.74 1.38 -37.32 | 120.69 1.66 -91.30 | 41.93 1.96 -5.02 | 26.12 0.92 0.00 | 24.50 0.46 0.00 | 23.57 0.31 0.00 | 23.61 0.23 -0.64 | 26.14 -0.19 -0.59 | 24.77 -0.51 0.00 | 24.00 -0.61 0.00 | 23.72 -0.55 0.00 | 24.84 -0.27 0.00 | 33.77 -0.05 0.00 | 40.08 1.17 0.00 | 43.25 2.03 -0.10 | 46.03 2.41 -0.44 | 43.23 2.72 0.00 | 35.43 1.97 0.00 | 31.38 1.60 0.00 |
| COLDSPRG_115KV_BK1 355956 | 28.28 0.06 0.00 | 25.54 0.18 0.00 | 25.28 0.22 0.00 | 24.96 0.23 0.00 | 24.86 0.19 0.00 | 25.30 0.25 0.00 | 28.08 0.36 0.00 | 35.82 0.86 0.00 | 25.81 0.60 0.00 | 24.65 0.60 0.00 | 23.94 0.68 0.00 | 23.66 0.92 0.00 | 26.72 0.99 0.00 | 26.08 0.80 0.00 | 24.85 0.25 0.00 | 24.27 -0.01 0.00 | 25.05 -0.06 0.00 | 33.95 0.13 0.00 | 39.32 0.41 0.00 | 41.55 0.43 0.00 | 43.48 0.31 0.00 | 40.37 -0.14 0.00 | 33.70 0.24 0.00 | 30.04 0.26 0.00 |
| COLONIE_LFGE___ 323577 | 29.18 0.96 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.48 0.75 0.00 | 25.41 0.74 0.00 | 25.86 0.82 0.00 | 28.70 0.98 0.00 | 36.13 1.17 0.00 | 25.96 0.76 0.00 | 24.72 0.68 0.00 | 23.95 0.58 -0.11 | 23.53 0.56 -0.23 | 26.28 0.57 0.02 | 25.85 0.57 0.00 | 25.26 0.66 0.00 | 24.94 0.67 0.00 | 25.84 0.72 0.00 | 34.84 1.02 0.00 | 40.04 1.14 0.00 | 42.24 1.13 0.00 | 44.64 1.46 0.00 | 42.01 1.50 0.00 | 34.30 1.15 0.31 | 30.64 1.01 0.15 |
| COOPERNY_115KV_TB1 80082 | 28.73 0.51 0.00 | 25.73 0.37 0.00 | 25.40 0.34 0.00 | 25.05 0.33 0.00 | 25.00 0.34 0.00 | 25.47 0.43 0.00 | 28.29 0.57 0.00 | 35.70 0.75 0.00 | 25.79 0.58 0.00 | 24.63 0.59 0.00 | 23.54 0.62 0.35 | 22.67 0.62 0.71 | 26.44 0.70 -0.01 | 26.08 0.80 0.00 | 25.39 0.79 0.00 | 24.99 0.72 0.00 | 25.78 0.67 0.00 | 34.64 0.82 0.00 | 39.78 0.88 0.00 | 41.98 0.87 0.00 | 44.29 1.11 0.00 | 41.62 1.12 0.00 | 34.49 0.89 -0.14 | 30.56 0.72 -0.07 |
| COPENHAGEN_WT_PWR 323753 | 46.45 1.16 -17.08 | 38.47 1.01 -12.10 | 29.05 0.95 -3.03 | 26.31 0.93 -0.64 | 31.23 0.97 -5.59 | 61.37 1.08 -35.25 | 115.24 1.29 -86.23 | 41.17 1.48 -4.74 | 25.86 0.65 0.00 | 24.32 0.28 0.00 | 23.42 0.15 0.00 | 23.44 0.09 -0.61 | 26.02 -0.27 -0.56 | 24.69 -0.59 0.00 | 23.94 -0.66 0.00 | 23.67 -0.61 0.00 | 24.76 -0.36 0.00 | 33.63 -0.19 0.00 | 39.68 0.77 0.00 | 42.63 1.41 -0.11 | 45.38 1.75 -0.46 | 42.61 2.11 0.00 | 34.95 1.49 0.00 | 30.96 1.18 0.00 |
| CORNELL_____ 23752 | 28.52 0.30 0.00 | 25.62 0.27 0.00 | 25.31 0.25 0.00 | 25.01 0.28 0.00 | 24.93 0.26 0.00 | 25.34 0.30 0.00 | 28.11 0.39 0.00 | 35.50 0.54 0.00 | 25.45 0.24 0.00 | 24.04 0.01 0.00 | 23.19 -0.07 0.00 | 22.70 -0.04 0.00 | 25.65 -0.08 0.00 | 25.21 -0.07 0.00 | 24.51 -0.09 0.00 | 24.14 -0.13 0.00 | 25.08 -0.03 0.00 | 34.05 0.23 0.00 | 39.54 0.63 0.00 | 42.04 0.87 -0.07 | 44.34 0.87 -0.29 | 41.16 0.87 0.00 | 34.01 0.55 0.00 | 30.16 0.38 0.00 |

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| CORONA__69_KV_TB1 355595 | 29.51 1.29 0.00 | 26.34 0.98 0.00 | 25.97 0.91 0.00 | 25.62 0.89 0.00 | 25.57 0.91 0.00 | 26.16 1.11 0.00 | 29.11 1.39 0.00 | 36.67 1.72 0.00 | 26.51 1.30 0.00 | 25.46 1.42 0.00 | 25.77 1.61 -0.89 | 26.07 1.53 -1.79 | 48.16 1.74 -20.68 | 90.08 2.00 -62.80 | 54.80 1.85 -28.34 | 47.88 1.75 -21.86 | 54.40 1.62 -27.66 | 58.67 2.02 -22.84 | 41.24 2.32 -0.01 | 44.12 2.27 -0.73 | 50.37 2.71 -4.49 | 45.06 2.81 -1.75 | 38.55 2.33 -2.76 | 31.67 1.77 -0.12 |
| CORTLAND__115KV_TB3 80093 | 28.17 -0.05 0.00 | 25.32 -0.04 0.00 | 25.03 -0.03 0.00 | 24.73 0.00 0.00 | 24.65 -0.02 0.00 | 25.03 -0.01 0.00 | 27.74 0.02 0.00 | 35.03 0.07 0.00 | 25.17 -0.04 0.00 | 23.91 -0.13 0.00 | 23.11 -0.16 0.00 | 22.65 -0.10 0.00 | 25.58 -0.15 0.00 | 25.14 -0.14 0.00 | 24.43 -0.18 0.00 | 24.05 -0.22 0.00 | 24.94 -0.17 0.00 | 33.74 -0.08 0.00 | 38.99 0.08 0.00 | 41.38 0.19 -0.07 | 43.69 0.20 -0.32 | 40.57 0.06 0.00 | 33.54 0.08 0.00 | 29.79 0.01 0.00 |
| COXSACKIE__GT 23611 | 29.51 1.29 0.00 | 26.45 1.10 0.00 | 26.11 1.05 0.00 | 25.79 1.06 0.00 | 25.71 1.05 0.00 | 26.18 1.14 0.00 | 29.14 1.42 0.00 | 36.71 1.75 0.00 | 26.25 1.04 0.00 | 24.66 0.62 0.00 | 23.72 0.46 0.00 | 23.19 0.44 0.00 | 26.18 0.45 0.00 | 25.74 0.46 0.00 | 25.15 0.55 0.00 | 24.87 0.60 0.00 | 25.75 0.64 0.00 | 35.00 1.19 0.00 | 40.99 2.08 0.00 | 43.39 2.28 0.00 | 45.69 2.51 0.00 | 42.83 2.32 0.00 | 35.13 1.75 0.08 | 31.19 1.45 0.04 |
| CPV_VALLEY__CC1 323721 | 28.78 0.56 0.00 | 25.75 0.40 0.00 | 25.41 0.35 0.00 | 25.05 0.32 0.00 | 25.01 0.34 0.00 | 25.51 0.47 0.00 | 28.35 0.63 0.00 | 35.79 0.83 0.00 | 25.88 0.67 0.00 | 24.74 0.70 0.00 | 23.50 0.74 0.51 | 22.47 0.73 1.00 | 26.58 0.84 -0.01 | 26.24 0.96 0.00 | 25.57 0.97 0.00 | 25.17 0.89 0.00 | 25.93 0.81 0.00 | 34.78 0.97 0.00 | 39.91 1.00 0.00 | 42.09 0.98 0.00 | 44.46 1.28 0.00 | 41.81 1.30 0.00 | 34.67 1.02 -0.19 | 30.70 0.83 -0.09 |
| CPV_VALLEY__CC2 323722 | 28.78 0.56 0.00 | 25.75 0.40 0.00 | 25.41 0.35 0.00 | 25.05 0.32 0.00 | 25.01 0.34 0.00 | 25.51 0.47 0.00 | 28.35 0.63 0.00 | 35.79 0.83 0.00 | 25.88 0.67 0.00 | 24.74 0.70 0.00 | 23.50 0.74 0.51 | 22.47 0.73 1.00 | 26.58 0.84 -0.01 | 26.24 0.96 0.00 | 25.57 0.97 0.00 | 25.17 0.89 0.00 | 25.93 0.81 0.00 | 34.78 0.97 0.00 | 39.91 1.00 0.00 | 42.09 0.98 0.00 | 44.46 1.28 0.00 | 41.81 1.30 0.00 | 34.67 1.02 -0.19 | 30.70 0.83 -0.09 |
| CRESCENT__HYD 24018 | 29.18 0.96 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.48 0.75 0.00 | 25.41 0.74 0.00 | 25.86 0.82 0.00 | 28.70 0.98 0.00 | 36.13 1.17 0.00 | 25.96 0.76 0.00 | 24.72 0.68 0.00 | 23.95 0.58 -0.11 | 23.53 0.56 -0.23 | 26.28 0.57 0.02 | 25.85 0.57 0.00 | 25.26 0.66 0.00 | 24.94 0.67 0.00 | 25.84 0.72 0.00 | 34.84 1.02 0.00 | 40.04 1.14 0.00 | 42.24 1.13 0.00 | 44.64 1.46 0.00 | 42.01 1.50 0.00 | 34.30 1.15 0.31 | 30.64 1.01 0.15 |
| CRICKET__VALLEY_CC1 323756 | 28.86 0.64 0.00 | 25.77 0.42 0.00 | 25.41 0.35 0.00 | 25.04 0.31 0.00 | 25.00 0.33 0.00 | 25.53 0.48 0.00 | 28.33 0.61 0.00 | 35.72 0.77 0.00 | 25.83 0.62 0.00 | 24.72 0.68 0.00 | 24.30 0.75 -0.29 | 24.03 0.71 -0.57 | 26.25 0.74 0.22 | 26.15 0.87 0.00 | 25.57 0.97 0.00 | 25.20 0.93 0.00 | 25.97 0.86 0.00 | 34.84 1.02 0.00 | 39.94 1.03 0.00 | 42.09 0.98 0.00 | 44.53 1.36 0.00 | 41.87 1.36 0.00 | 30.74 0.98 3.71 | 28.82 0.78 1.74 |
| CRICKET__VALLEY_CC2 323757 | 28.86 0.64 0.00 | 25.77 0.42 0.00 | 25.41 0.35 0.00 | 25.04 0.31 0.00 | 25.00 0.33 0.00 | 25.53 0.48 0.00 | 28.33 0.61 0.00 | 35.72 0.77 0.00 | 25.83 0.62 0.00 | 24.72 0.68 0.00 | 24.30 0.75 -0.29 | 24.03 0.71 -0.57 | 26.25 0.74 0.22 | 26.15 0.87 0.00 | 25.57 0.97 0.00 | 25.20 0.93 0.00 | 25.97 0.86 0.00 | 34.84 1.02 0.00 | 39.94 1.03 0.00 | 42.09 0.98 0.00 | 44.53 1.36 0.00 | 41.87 1.36 0.00 | 30.74 0.98 3.71 | 28.82 0.78 1.74 |
| CRICKET__VALLEY_CC3 323758 | 28.86 0.64 0.00 | 25.77 0.42 0.00 | 25.41 0.35 0.00 | 25.04 0.31 0.00 | 25.00 0.33 0.00 | 25.53 0.48 0.00 | 28.33 0.61 0.00 | 35.72 0.77 0.00 | 25.83 0.62 0.00 | 24.72 0.68 0.00 | 24.30 0.75 -0.29 | 24.03 0.71 -0.57 | 26.25 0.74 0.22 | 26.15 0.87 0.00 | 25.57 0.97 0.00 | 25.20 0.93 0.00 | 25.97 0.86 0.00 | 34.84 1.02 0.00 | 39.94 1.03 0.00 | 42.09 0.98 0.00 | 44.53 1.36 0.00 | 41.87 1.36 0.00 | 30.74 0.98 3.71 | 28.82 0.78 1.74 |
| CRUCIBLE__METL_DRP 24180 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| DAHOWA__HYDRO 323763 | 30.07 1.85 0.00 | 26.88 1.52 0.00 | 26.48 1.42 0.00 | 26.21 1.49 0.00 | 26.15 1.48 0.00 | 26.66 1.62 0.00 | 29.63 1.91 0.00 | 37.31 2.35 0.00 | 26.62 1.41 0.00 | 25.20 1.15 0.00 | 24.23 0.96 0.00 | 23.64 0.89 0.00 | 26.65 0.94 0.02 | 26.24 0.96 0.00 | 25.67 1.07 0.00 | 25.42 1.14 0.00 | 26.59 1.47 0.00 | 36.09 2.27 0.00 | 41.56 2.65 0.00 | 43.88 2.76 0.00 | 46.39 3.22 0.00 | 43.59 3.08 0.00 | 35.59 2.39 0.27 | 31.76 2.10 0.13 |
| DANC__LFGE 323619 | 40.28 0.50 -11.56 | 33.99 0.44 -8.19 | 27.51 0.40 -2.05 | 25.55 0.39 -0.43 | 28.87 0.42 -3.79 | 49.39 0.48 -23.87 | 86.68 0.58 -58.39 | 38.80 0.64 -3.21 | 25.38 0.17 0.00 | 23.96 -0.08 0.00 | 23.11 -0.16 0.00 | 22.97 -0.19 -0.41 | 25.66 -0.45 -0.38 | 24.63 -0.65 0.00 | 23.90 -0.70 0.00 | 23.61 -0.66 0.00 | 24.60 -0.51 0.00 | 33.32 -0.50 0.00 | 39.03 0.12 0.00 | 41.77 0.52 -0.13 | 44.48 0.73 -0.58 | 41.49 0.99 0.00 | 34.15 0.69 0.00 | 30.28 0.50 0.00 |
| DANSKAMMER__1 23586 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.45 0.78 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.77 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.60 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.49 2.31 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |
| DANSKAMMER__2 23589 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.45 0.78 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.77 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.60 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.49 2.31 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |
| DANSKAMMER__3 23590 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.45 0.78 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.77 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.60 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.49 2.31 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| DANSKAMMER___4 23591 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.45 0.78 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.77 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.60 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.49 2.31 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |
| DANSKAMMER___DIESEL 23592 | 29.34 1.12 0.00 | 26.22 0.87 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.44 0.77 0.00 | 25.99 0.95 0.00 | 28.90 1.18 0.00 | 36.49 1.53 0.00 | 26.36 1.15 0.00 | 25.20 1.16 0.00 | 24.49 1.23 0.00 | 23.95 1.20 0.00 | 27.09 1.35 -0.01 | 26.76 1.49 0.00 | 26.10 1.50 0.00 | 25.71 1.44 0.00 | 26.50 1.39 0.00 | 35.59 1.78 0.00 | 40.84 1.93 0.00 | 43.04 1.93 0.00 | 45.50 2.32 0.00 | 42.76 2.25 0.00 | 35.41 1.76 -0.19 | 31.32 1.45 -0.09 |
| DARBY___SOLAR 323810 | 29.89 1.67 0.00 | 26.72 1.37 0.00 | 26.34 1.28 0.00 | 26.06 1.34 0.00 | 26.00 1.33 0.00 | 26.50 1.46 0.00 | 29.44 1.72 0.00 | 37.06 2.10 0.00 | 26.47 1.26 0.00 | 25.07 1.03 0.00 | 24.11 0.84 0.00 | 23.52 0.77 0.00 | 26.52 0.81 0.02 | 26.11 0.83 0.00 | 25.54 0.93 0.00 | 25.28 1.01 0.00 | 26.42 1.31 0.00 | 35.83 2.01 0.00 | 41.24 2.33 0.00 | 43.54 2.43 0.00 | 46.04 2.87 0.00 | 43.26 2.75 0.00 | 35.32 2.14 0.27 | 31.54 1.88 0.13 |
| DASHVILLE___HYD 23610 | 29.09 0.87 0.00 | 26.01 0.65 0.00 | 25.66 0.60 0.00 | 25.29 0.55 0.00 | 25.23 0.57 0.00 | 25.76 0.71 0.00 | 28.63 0.91 0.00 | 36.14 1.18 0.00 | 26.14 0.93 0.00 | 24.98 0.94 0.00 | 24.23 0.96 0.00 | 23.69 0.94 0.00 | 26.77 1.03 -0.01 | 26.41 1.14 0.00 | 25.77 1.17 0.00 | 25.39 1.12 0.00 | 26.16 1.05 0.00 | 35.15 1.33 0.00 | 40.35 1.44 0.00 | 42.55 1.44 0.00 | 44.99 1.81 0.00 | 42.35 1.84 0.00 | 35.01 1.44 -0.11 | 31.00 1.17 -0.05 |
| DELAWARE___LFGE 323621 | 28.73 0.51 0.00 | 25.80 0.45 0.00 | 25.56 0.51 0.00 | 25.21 0.48 0.00 | 25.15 0.48 0.00 | 25.51 0.47 0.00 | 28.29 0.57 0.00 | 35.70 0.75 0.00 | 25.69 0.48 0.00 | 24.52 0.48 0.00 | 23.74 0.48 0.00 | 23.23 0.49 0.00 | 26.28 0.54 0.00 | 25.85 0.57 0.00 | 25.15 0.55 0.00 | 24.78 0.51 0.00 | 25.62 0.51 0.00 | 34.54 0.72 0.00 | 39.75 0.84 0.00 | 42.02 0.89 -0.02 | 44.23 0.96 -0.10 | 41.39 0.88 0.00 | 34.20 0.74 0.00 | 30.36 0.58 0.00 |
| DERFIELD_115KV_TB7 355931 | 30.03 0.15 -1.66 | 26.66 0.13 -1.18 | 25.46 0.11 -0.30 | 24.91 0.12 -0.06 | 25.33 0.12 -0.54 | 28.60 0.13 -3.43 | 36.28 0.17 -8.40 | 35.60 0.18 -0.46 | 25.31 0.10 0.00 | 24.12 0.08 0.00 | 23.34 0.08 0.00 | 22.88 0.07 -0.06 | 25.86 0.08 -0.06 | 25.36 0.08 0.00 | 24.71 0.11 0.00 | 24.38 0.11 0.00 | 25.24 0.12 0.00 | 34.00 0.18 0.00 | 39.11 0.20 0.00 | 41.32 0.21 0.00 | 43.45 0.28 0.00 | 40.80 0.30 0.00 | 33.68 0.22 0.00 | 29.96 0.18 0.00 |
| DOGLEVILLE___HYD 23807 | 30.72 0.84 -1.66 | 27.18 0.64 -1.18 | 25.94 0.59 -0.30 | 25.45 0.66 -0.06 | 25.83 0.62 -0.54 | 29.23 0.75 -3.43 | 37.20 1.08 -8.40 | 36.53 1.11 -0.46 | 25.48 0.27 0.00 | 24.01 -0.03 0.00 | 23.07 -0.20 0.00 | 22.64 -0.16 -0.06 | 25.52 -0.27 -0.06 | 25.03 -0.25 0.00 | 24.49 -0.11 0.00 | 24.22 -0.05 0.00 | 25.35 0.23 0.00 | 34.54 0.72 0.00 | 39.92 1.01 0.00 | 42.28 1.16 0.00 | 44.58 1.40 0.00 | 42.04 1.53 0.00 | 34.64 1.17 0.00 | 30.67 0.89 0.00 |
| DUNKIRK__115KV_TB_200 55889 | 28.05 -0.17 0.00 | 25.37 0.01 0.00 | 25.11 0.05 0.00 | 24.83 0.10 0.00 | 24.68 0.01 0.00 | 25.00 -0.04 0.00 | 27.49 -0.23 0.00 | 34.79 -0.17 0.00 | 25.22 0.01 0.00 | 24.12 0.08 0.00 | 23.40 0.13 0.00 | 23.17 0.42 0.00 | 26.22 0.49 0.00 | 25.57 0.29 0.00 | 24.47 -0.13 0.00 | 23.92 -0.35 0.00 | 24.83 -0.28 0.00 | 33.64 -0.17 0.00 | 38.90 -0.01 0.00 | 41.14 0.03 0.00 | 43.07 -0.11 0.00 | 39.99 -0.52 0.00 | 33.41 -0.05 0.00 | 29.84 0.06 0.00 |
| DUNKIRK___1 23563 | 28.05 -0.17 0.00 | 25.37 0.01 0.00 | 25.11 0.05 0.00 | 24.83 0.10 0.00 | 24.68 0.01 0.00 | 25.00 -0.04 0.00 | 27.49 -0.23 0.00 | 34.79 -0.17 0.00 | 25.22 0.01 0.00 | 24.12 0.08 0.00 | 23.40 0.13 0.00 | 23.17 0.42 0.00 | 26.22 0.49 0.00 | 25.57 0.29 0.00 | 24.47 -0.13 0.00 | 23.92 -0.35 0.00 | 24.83 -0.28 0.00 | 33.64 -0.17 0.00 | 38.90 -0.01 0.00 | 41.14 0.03 0.00 | 43.07 -0.11 0.00 | 39.99 -0.52 0.00 | 33.41 -0.05 0.00 | 29.84 0.06 0.00 |
| DUNKIRK___2 23564 | 28.05 -0.17 0.00 | 25.37 0.01 0.00 | 25.11 0.05 0.00 | 24.83 0.10 0.00 | 24.68 0.01 0.00 | 25.00 -0.04 0.00 | 27.49 -0.23 0.00 | 34.79 -0.17 0.00 | 25.22 0.01 0.00 | 24.12 0.08 0.00 | 23.40 0.13 0.00 | 23.17 0.42 0.00 | 26.22 0.49 0.00 | 25.57 0.29 0.00 | 24.47 -0.13 0.00 | 23.92 -0.35 0.00 | 24.83 -0.28 0.00 | 33.64 -0.17 0.00 | 38.90 -0.01 0.00 | 41.14 0.03 0.00 | 43.07 -0.11 0.00 | 39.99 -0.52 0.00 | 33.41 -0.05 0.00 | 29.84 0.06 0.00 |
| DUNKIRK___3 23565 | 27.98 -0.24 0.00 | 25.31 -0.04 0.00 | 25.07 0.01 0.00 | 24.77 0.04 0.00 | 24.63 -0.03 0.00 | 24.95 -0.09 0.00 | 27.43 -0.30 0.00 | 34.68 -0.27 0.00 | 25.15 -0.06 0.00 | 24.06 0.03 0.00 | 23.36 0.09 0.00 | 23.12 0.37 0.00 | 26.16 0.43 0.00 | 25.50 0.22 0.00 | 24.42 -0.18 0.00 | 23.90 -0.37 0.00 | 24.79 -0.32 0.00 | 33.57 -0.25 0.00 | 38.80 -0.11 0.00 | 40.97 -0.14 0.00 | 42.91 -0.26 0.00 | 39.88 -0.63 0.00 | 33.33 -0.13 0.00 | 29.76 -0.02 0.00 |
| DUNKIRK___4 23566 | 27.98 -0.24 0.00 | 25.31 -0.04 0.00 | 25.07 0.01 0.00 | 24.77 0.04 0.00 | 24.63 -0.03 0.00 | 24.95 -0.09 0.00 | 27.43 -0.30 0.00 | 34.68 -0.27 0.00 | 25.15 -0.06 0.00 | 24.06 0.03 0.00 | 23.36 0.09 0.00 | 23.12 0.37 0.00 | 26.16 0.43 0.00 | 25.50 0.22 0.00 | 24.42 -0.18 0.00 | 23.90 -0.37 0.00 | 24.79 -0.32 0.00 | 33.57 -0.25 0.00 | 38.80 -0.11 0.00 | 40.97 -0.14 0.00 | 42.91 -0.26 0.00 | 39.88 -0.63 0.00 | 33.33 -0.13 0.00 | 29.76 -0.02 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 29.22 1.00 0.00 | 26.12 0.76 0.00 | 25.77 0.71 0.00 | 25.39 0.66 0.00 | 25.35 0.68 0.00 | 25.90 0.86 0.00 | 28.82 1.10 0.00 | 36.45 1.50 0.00 | 26.41 1.20 0.00 | 25.30 1.27 0.00 | 25.50 1.33 -0.90 | 25.85 1.33 -1.79 | 27.22 1.47 -0.01 | 26.88 1.60 0.00 | 26.19 1.59 0.00 | 25.77 1.50 0.00 | 26.51 1.40 0.00 | 35.53 1.71 0.00 | 40.66 1.75 0.00 | 42.84 1.73 0.00 | 45.35 2.18 0.00 | 42.70 2.19 0.00 | 35.48 1.77 -0.25 | 31.32 1.42 -0.12 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 29.10 0.88 0.00 | 26.02 0.66 0.00 | 25.66 0.60 0.00 | 25.29 0.56 0.00 | 25.25 0.59 0.00 | 25.79 0.75 0.00 | 28.67 0.95 0.00 | 36.21 1.26 0.00 | 26.18 0.97 0.00 | 25.02 0.98 0.00 | 23.96 1.03 0.33 | 23.08 1.00 0.66 | 26.89 1.15 -0.01 | 26.56 1.29 0.00 | 25.90 1.30 0.00 | 25.49 1.22 0.00 | 26.27 1.16 0.00 | 35.26 1.44 0.00 | 40.47 1.56 0.00 | 42.68 1.56 0.00 | 45.09 1.92 0.00 | 42.39 1.88 0.00 | 35.13 1.47 -0.20 | 31.07 1.20 -0.09 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 29.37 1.15 0.00 | 26.33 0.97 0.00 | 25.98 0.92 0.00 | 25.57 0.84 0.00 | 25.54 0.87 0.00 | 26.10 1.05 0.00 | 29.04 1.31 -0.01 | 36.74 1.79 0.00 | 26.60 1.39 0.00 | 25.49 1.45 0.00 | 25.64 1.48 -0.90 | 25.99 1.46 -1.79 | 27.38 1.63 -0.01 | 27.03 1.75 0.00 | 26.27 1.67 0.00 | 25.86 1.59 0.00 | 26.56 1.44 0.00 | 35.55 1.74 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.97 2.47 0.00 | 35.69 1.98 -0.25 | 31.47 1.57 -0.12 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| E179THST_13_KV_LOAD 356214 | 29.49 1.27 0.00 | 26.43 1.08 0.00 | 26.07 1.01 0.00 | 25.66 0.93 0.00 | 25.63 0.96 0.00 | 26.20 1.15 0.00 | 29.15 1.43 -0.01 | 36.89 1.94 0.00 | 26.72 1.51 0.00 | 25.59 1.56 0.00 | 25.75 1.58 -0.90 | 26.10 1.58 -1.79 | 27.51 1.76 -0.01 | 27.16 1.88 0.00 | 26.40 1.79 0.00 | 25.99 1.72 0.00 | 26.68 1.57 0.00 | 35.74 1.92 0.00 | 40.92 2.01 0.00 | 43.18 2.06 0.00 | 45.86 2.69 0.00 | 43.19 2.68 0.00 | 35.86 2.15 -0.25 | 31.61 1.71 -0.12 |
| EAST HAMPTON___GT 23717 | 30.45 2.22 0.00 | 27.23 1.88 0.00 | 27.04 1.98 0.00 | 28.31 2.09 -1.50 | 28.20 2.12 -1.41 | 27.38 2.30 -0.04 | 30.57 2.74 -0.11 | 38.28 3.33 0.00 | 36.69 2.43 -9.05 | 58.33 2.60 -31.69 | 26.86 2.70 -0.89 | 26.69 2.17 -1.78 | 39.63 2.36 -11.54 | 62.51 2.20 -35.03 | 43.15 2.73 -15.81 | 38.97 2.51 -12.20 | 43.02 2.48 -15.43 | 49.83 3.28 -12.73 | 42.71 3.80 0.00 | 45.22 3.69 -0.41 | 50.17 4.49 -2.50 | 45.89 4.40 -0.98 | 38.95 3.84 -1.65 | 32.62 2.72 -0.12 |
| EAST RIVER___6 23660 | 29.30 1.08 0.00 | 26.20 0.84 0.00 | 25.87 0.81 0.00 | 25.50 0.76 0.00 | 25.47 0.81 0.00 | 26.04 1.00 0.00 | 29.01 1.28 0.00 | 36.68 1.72 0.00 | 26.58 1.37 0.00 | 25.50 1.47 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.46 1.72 -0.01 | 27.10 1.82 0.00 | 26.41 1.80 0.00 | 25.98 1.70 0.00 | 26.69 1.58 0.00 | 35.75 1.93 0.00 | 40.85 1.94 0.00 | 43.05 1.94 0.00 | 45.61 2.44 0.00 | 42.97 2.46 0.00 | 35.70 2.00 -0.25 | 31.49 1.59 -0.12 |
| EAST RIVER___7 23524 | 29.30 1.08 0.00 | 26.20 0.84 0.00 | 25.87 0.81 0.00 | 25.50 0.76 0.00 | 25.47 0.81 0.00 | 26.04 1.00 0.00 | 29.01 1.28 0.00 | 36.68 1.72 0.00 | 26.58 1.37 0.00 | 25.50 1.47 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.46 1.72 -0.01 | 27.10 1.82 0.00 | 26.41 1.80 0.00 | 25.98 1.70 0.00 | 26.69 1.58 0.00 | 35.75 1.93 0.00 | 40.85 1.94 0.00 | 43.05 1.94 0.00 | 45.61 2.44 0.00 | 42.97 2.46 0.00 | 35.70 2.00 -0.25 | 31.49 1.59 -0.12 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 29.20 0.98 0.00 | 26.09 0.73 0.00 | 25.74 0.69 0.00 | 25.37 0.64 0.00 | 25.33 0.66 0.00 | 25.89 0.85 0.00 | 28.80 1.07 0.00 | 36.42 1.46 0.00 | 26.36 1.15 0.00 | 25.25 1.21 0.00 | 25.51 1.28 -0.97 | 25.93 1.26 -1.92 | 27.16 1.42 -0.01 | 26.83 1.55 0.00 | 26.12 1.52 0.00 | 25.71 1.44 0.00 | 26.45 1.34 0.00 | 35.46 1.64 0.00 | 40.61 1.70 0.00 | 42.79 1.68 0.00 | 45.29 2.12 0.00 | 42.63 2.12 0.00 | 35.41 1.70 -0.25 | 31.26 1.36 -0.12 |
| EAST_HAMPTON___DIESEL 23722 | 30.46 2.23 0.00 | 27.23 1.88 0.00 | 27.05 1.99 0.00 | 28.32 2.10 -1.50 | 28.20 2.13 -1.41 | 27.40 2.31 -0.04 | 30.59 2.75 -0.11 | 38.30 3.34 0.00 | 36.70 2.44 -9.05 | 58.34 2.60 -31.69 | 26.87 2.71 -0.89 | 26.71 2.18 -1.78 | 39.65 2.37 -11.54 | 62.52 2.21 -35.03 | 43.16 2.75 -15.81 | 38.98 2.51 -12.20 | 43.02 2.49 -15.43 | 49.84 3.29 -12.73 | 42.72 3.81 0.00 | 45.23 3.71 -0.41 | 50.19 4.51 -2.50 | 45.90 4.42 -0.98 | 38.95 3.84 -1.65 | 32.63 2.73 -0.12 |
| EAST_POINT___SOLAR 323840 | 29.54 1.32 0.00 | 26.52 1.16 0.00 | 26.24 1.18 0.00 | 25.86 1.13 0.00 | 25.83 1.16 0.00 | 26.30 1.25 0.00 | 29.22 1.50 0.00 | 36.57 1.61 0.00 | 25.11 -0.10 0.00 | 23.59 -0.45 0.00 | 22.82 -0.45 0.00 | 22.26 -0.48 0.00 | 25.18 -0.55 0.01 | 24.75 -0.53 0.00 | 24.16 -0.44 0.00 | 23.91 -0.36 0.00 | 25.16 0.04 0.00 | 34.34 0.52 0.00 | 40.88 1.97 0.00 | 43.70 2.58 0.00 | 45.84 2.67 0.00 | 42.85 2.35 0.00 | 35.22 1.90 0.14 | 31.29 1.58 0.07 |
| EAST_PULASKI___ESR 323781 | 34.25 -0.12 -6.15 | 29.62 -0.09 -4.36 | 26.04 -0.11 -1.09 | 24.84 -0.12 -0.23 | 26.57 -0.11 -2.02 | 37.65 -0.09 -12.70 | 58.66 -0.12 -31.06 | 36.50 -0.16 -1.71 | 24.92 -0.29 0.00 | 23.62 -0.42 0.00 | 22.81 -0.45 0.00 | 22.53 -0.43 -0.22 | 25.33 -0.61 -0.20 | 24.60 -0.68 0.00 | 23.89 -0.71 0.00 | 23.58 -0.69 0.00 | 24.49 -0.63 0.00 | 33.08 -0.74 0.00 | 38.44 -0.47 0.00 | 41.03 -0.28 -0.20 | 43.85 -0.20 -0.87 | 40.42 -0.08 0.00 | 33.38 -0.08 0.00 | 29.65 -0.13 0.00 |
| EAST_RIVER___1 323558 | 29.31 1.09 0.00 | 26.19 0.84 0.00 | 25.86 0.80 0.00 | 25.49 0.76 0.00 | 25.46 0.79 0.00 | 26.02 0.98 0.00 | 28.97 1.25 0.00 | 36.63 1.68 0.00 | 26.55 1.34 0.00 | 25.46 1.42 0.00 | 25.66 1.49 -0.90 | 26.02 1.49 -1.79 | 27.40 1.66 -0.01 | 27.04 1.76 0.00 | 26.35 1.75 0.00 | 25.93 1.65 0.00 | 26.64 1.53 0.00 | 35.70 1.88 0.00 | 40.80 1.89 0.00 | 42.98 1.87 0.00 | 45.55 2.37 0.00 | 42.91 2.40 0.00 | 35.65 1.94 -0.25 | 31.45 1.56 -0.12 |
| EAST_RIVER___2 323559 | 29.30 1.08 0.00 | 26.20 0.84 0.00 | 25.87 0.81 0.00 | 25.50 0.76 0.00 | 25.47 0.81 0.00 | 26.04 1.00 0.00 | 29.01 1.28 0.00 | 36.68 1.72 0.00 | 26.58 1.37 0.00 | 25.50 1.47 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.46 1.72 -0.01 | 27.10 1.82 0.00 | 26.41 1.80 0.00 | 25.98 1.70 0.00 | 26.69 1.58 0.00 | 35.75 1.93 0.00 | 40.85 1.94 0.00 | 43.05 1.94 0.00 | 45.61 2.44 0.00 | 42.97 2.46 0.00 | 35.70 2.00 -0.25 | 31.49 1.59 -0.12 |
| EAST___DELAWARE_HYD 23607 | 28.46 0.24 0.00 | 25.44 0.09 0.00 | 25.09 0.03 0.00 | 24.73 0.00 0.00 | 24.69 0.03 0.00 | 25.21 0.16 0.00 | 28.05 0.33 0.00 | 35.43 0.47 0.00 | 25.64 0.43 0.00 | 24.45 0.41 0.00 | 23.67 0.41 0.00 | 23.13 0.39 0.00 | 26.15 0.41 -0.01 | 25.72 0.44 0.00 | 24.53 -0.07 0.00 | 24.19 -0.08 0.00 | 24.98 -0.13 0.00 | 33.63 -0.18 0.00 | 38.71 -0.20 0.00 | 40.86 -0.25 0.00 | 43.31 0.14 0.00 | 41.65 1.15 0.00 | 34.43 0.83 -0.14 | 30.46 0.61 -0.07 |
| EIGHT_POINT___WT_PWR 323820 | 28.42 0.20 0.00 | 25.66 0.31 0.00 | 25.41 0.35 0.00 | 25.11 0.38 0.00 | 24.99 0.32 0.00 | 25.40 0.35 0.00 | 28.07 0.35 0.00 | 35.40 0.45 0.00 | 25.23 0.02 0.00 | 23.90 -0.14 0.00 | 23.14 -0.13 0.00 | 22.80 0.06 0.00 | 25.85 0.11 0.00 | 25.36 0.09 0.00 | 24.33 -0.27 0.00 | 23.85 -0.42 0.00 | 24.76 -0.35 0.00 | 33.76 -0.06 0.00 | 39.35 0.44 0.00 | 41.83 0.71 0.00 | 43.62 0.44 0.00 | 40.69 0.18 0.00 | 33.91 0.45 0.00 | 30.24 0.46 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 29.61 -0.39 -1.79 | 26.30 -0.32 -1.27 | 25.06 -0.32 -0.32 | 24.50 -0.30 -0.07 | 24.95 -0.31 -0.59 | 28.42 -0.31 -3.69 | 36.35 -0.40 -9.02 | 35.02 -0.43 -0.50 | 24.81 -0.39 0.00 | 23.61 -0.43 0.00 | 22.83 -0.43 0.00 | 22.42 -0.38 -0.06 | 25.35 -0.44 -0.06 | 24.86 -0.42 0.00 | 24.17 -0.43 0.00 | 23.84 -0.43 0.00 | 24.72 -0.39 0.00 | 33.39 -0.43 0.00 | 38.52 -0.39 0.00 | 40.82 -0.43 -0.13 | 43.32 -0.43 -0.58 | 40.03 -0.48 0.00 | 33.12 -0.34 0.00 | 29.41 -0.37 0.00 |
| ELEC_TRO_TEK 24086 | 29.31 1.09 0.00 | 26.17 0.81 0.00 | 25.82 0.76 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.01 0.96 0.00 | 28.94 1.22 0.00 | 36.46 1.51 0.00 | 26.37 1.16 0.00 | 25.33 1.29 0.00 | 25.63 1.47 -0.89 | 25.92 1.39 -1.79 | 47.72 1.58 -20.40 | 89.05 1.84 -61.93 | 54.26 1.70 -27.96 | 47.42 1.59 -21.56 | 53.80 1.44 -27.25 | 58.05 1.74 -22.49 | 40.89 1.97 -0.01 | 43.75 1.92 -0.72 | 49.93 2.34 -4.42 | 44.69 2.46 -1.73 | 38.26 2.07 -2.73 | 31.44 1.54 -0.12 |
| ELLENBURG_WT_PWR 323604 | 33.18 0.63 -4.32 | 28.96 0.54 -3.06 | 26.32 0.50 -0.77 | 25.35 0.46 -0.16 | 26.50 0.41 -1.41 | 34.43 0.46 -8.92 | 50.12 0.57 -21.83 | 36.81 0.66 -1.20 | 25.59 0.38 0.00 | 24.45 0.41 0.00 | 23.67 0.40 0.00 | 23.32 0.42 -0.15 | 26.34 0.47 -0.14 | 25.65 0.37 0.00 | 24.94 0.34 0.00 | 24.64 0.37 0.00 | 25.53 0.42 0.00 | 34.05 0.23 0.00 | 39.27 0.35 0.00 | 41.63 0.52 0.00 | 43.66 0.49 0.00 | 40.96 0.45 0.00 | 34.05 0.59 0.00 | 30.31 0.53 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 27.93 -0.30 0.00 | 25.35 -0.01 0.00 | 25.16 0.10 0.00 | 24.79 0.06 0.00 | 24.69 0.02 0.00 | 24.93 -0.11 0.00 | 27.27 -0.45 0.00 | 34.47 -0.48 0.00 | 25.04 -0.17 0.00 | 23.97 -0.07 0.00 | 23.31 0.04 0.00 | 23.03 0.29 0.00 | 26.10 0.37 0.00 | 25.34 0.06 0.00 | 24.29 -0.31 0.00 | 23.86 -0.41 0.00 | 24.74 -0.37 0.00 | 33.44 -0.37 0.00 | 38.64 -0.27 0.00 | 40.66 -0.46 0.00 | 42.68 -0.50 0.00 | 39.71 -0.79 0.00 | 33.24 -0.22 0.00 | 29.74 -0.04 0.00 |
| EMPIRE_CC_1 323656 | 28.69 0.47 0.00 | 25.71 0.35 0.00 | 25.36 0.30 0.00 | 25.07 0.34 0.00 | 24.97 0.31 0.00 | 25.38 0.33 0.00 | 28.10 0.38 0.00 | 35.34 0.39 0.00 | 25.49 0.28 0.00 | 24.34 0.30 0.00 | 23.66 0.25 -0.14 | 23.30 0.28 -0.28 | 25.92 0.20 0.02 | 25.42 0.14 0.00 | 24.83 0.23 0.00 | 24.49 0.22 0.00 | 25.28 0.16 0.00 | 33.99 0.17 0.00 | 39.04 0.13 0.00 | 41.17 0.05 0.00 | 43.54 0.36 0.00 | 41.04 0.53 0.00 | 33.52 0.38 0.33 | 29.96 0.33 0.15 |
| EMPIRE_CC_2 323658 | 28.69 0.47 0.00 | 25.71 0.35 0.00 | 25.36 0.30 0.00 | 25.07 0.34 0.00 | 24.97 0.31 0.00 | 25.38 0.33 0.00 | 28.10 0.38 0.00 | 35.34 0.39 0.00 | 25.49 0.28 0.00 | 24.34 0.30 0.00 | 23.66 0.25 -0.14 | 23.30 0.28 -0.28 | 25.92 0.20 0.02 | 25.42 0.14 0.00 | 24.83 0.23 0.00 | 24.49 0.22 0.00 | 25.28 0.16 0.00 | 33.99 0.17 0.00 | 39.04 0.13 0.00 | 41.17 0.05 0.00 | 43.54 0.36 0.00 | 41.04 0.53 0.00 | 33.52 0.38 0.33 | 29.96 0.33 0.15 |
| ENORWICH_115KV_TB1 80156 | 29.68 1.46 0.00 | 26.62 1.27 0.00 | 26.30 1.24 0.00 | 26.00 1.27 0.00 | 25.95 1.28 0.00 | 26.43 1.39 0.00 | 29.51 1.79 0.00 | 37.12 2.16 0.00 | 26.33 1.12 0.00 | 24.88 0.84 0.00 | 23.93 0.67 0.00 | 23.39 0.65 0.00 | 26.50 0.77 0.00 | 25.98 0.70 0.00 | 25.32 0.72 0.00 | 24.95 0.68 0.00 | 26.00 0.89 0.00 | 35.42 1.60 0.00 | 41.33 2.42 0.00 | 44.04 2.88 -0.05 | 46.01 2.61 -0.22 | 42.71 2.20 0.00 | 35.20 1.74 0.00 | 31.09 1.31 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 28.03 -0.19 0.00 | 25.41 0.05 0.00 | 25.20 0.14 0.00 | 24.83 0.10 0.00 | 24.72 0.06 0.00 | 25.02 -0.02 0.00 | 27.44 -0.28 0.00 | 34.75 -0.21 0.00 | 25.23 0.02 0.00 | 24.16 0.12 0.00 | 23.50 0.23 0.00 | 23.22 0.47 0.00 | 26.31 0.58 0.00 | 25.58 0.30 0.00 | 24.53 -0.07 0.00 | 24.09 -0.18 0.00 | 24.97 -0.14 0.00 | 33.76 -0.05 0.00 | 39.00 0.09 0.00 | 41.03 -0.08 0.00 | 43.07 -0.11 0.00 | 40.02 -0.49 0.00 | 33.44 -0.02 0.00 | 29.86 0.07 0.00 |
| ERIE_WT_PWR 323693 | 28.05 -0.17 0.00 | 25.44 0.09 0.00 | 25.25 0.19 0.00 | 24.88 0.15 0.00 | 24.76 0.10 0.00 | 25.02 -0.03 0.00 | 27.39 -0.33 0.00 | 34.65 -0.31 0.00 | 25.16 -0.05 0.00 | 24.08 0.04 0.00 | 23.40 0.14 0.00 | 23.13 0.38 0.00 | 26.20 0.47 0.00 | 25.45 0.17 0.00 | 24.41 -0.20 0.00 | 23.97 -0.30 0.00 | 24.85 -0.26 0.00 | 33.61 -0.21 0.00 | 38.83 -0.09 0.00 | 40.92 -0.19 0.00 | 42.95 -0.23 0.00 | 39.94 -0.57 0.00 | 33.39 -0.07 0.00 | 29.87 0.09 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 28.99 0.77 0.00 | 26.07 0.71 0.00 | 25.86 0.80 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 25.80 0.76 0.00 | 28.60 0.87 0.00 | 36.16 1.20 0.00 | 25.81 0.60 0.00 | 24.53 0.49 0.00 | 23.82 0.55 0.00 | 23.27 0.53 0.00 | 26.34 0.62 0.01 | 25.90 0.62 0.00 | 25.16 0.56 0.00 | 24.82 0.55 0.00 | 25.72 0.61 0.00 | 34.83 1.01 0.00 | 40.38 1.47 0.00 | 42.80 1.69 0.00 | 44.82 1.64 0.00 | 41.84 1.33 0.00 | 34.53 1.16 0.09 | 30.69 0.94 0.04 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 28.47 0.25 0.00 | 25.57 0.22 0.00 | 25.27 0.21 0.00 | 24.97 0.24 0.00 | 24.89 0.22 0.00 | 25.30 0.25 0.00 | 28.05 0.33 0.00 | 35.43 0.47 0.00 | 25.40 0.19 0.00 | 24.02 -0.02 0.00 | 23.18 -0.08 0.00 | 22.69 -0.05 0.00 | 25.64 -0.09 0.00 | 25.20 -0.08 0.00 | 24.50 -0.10 0.00 | 24.13 -0.14 0.00 | 25.06 -0.05 0.00 | 34.00 0.18 0.00 | 39.45 0.53 0.00 | 41.92 0.74 -0.07 | 44.22 0.74 -0.30 | 41.06 0.55 0.00 | 33.93 0.46 0.00 | 30.08 0.30 0.00 |
| ETNA____115KV_TB2 80207 | 28.47 0.25 0.00 | 25.57 0.22 0.00 | 25.27 0.21 0.00 | 24.97 0.24 0.00 | 24.89 0.22 0.00 | 25.30 0.25 0.00 | 28.05 0.33 0.00 | 35.43 0.47 0.00 | 25.40 0.19 0.00 | 24.02 -0.02 0.00 | 23.18 -0.08 0.00 | 22.69 -0.05 0.00 | 25.64 -0.09 0.00 | 25.20 -0.08 0.00 | 24.50 -0.10 0.00 | 24.13 -0.14 0.00 | 25.06 -0.05 0.00 | 34.00 0.18 0.00 | 39.45 0.53 0.00 | 41.92 0.74 -0.07 | 44.22 0.74 -0.30 | 41.06 0.55 0.00 | 33.93 0.46 0.00 | 30.08 0.30 0.00 |
| EUCLID__115KV_TB2 356179 | 29.97 -0.57 -2.32 | 26.52 -0.48 -1.65 | 25.00 -0.47 -0.41 | 24.36 -0.46 -0.09 | 24.97 -0.46 -0.76 | 29.36 -0.48 -4.79 | 38.84 -0.62 -11.73 | 34.86 -0.75 -0.64 | 24.62 -0.59 0.00 | 23.44 -0.60 0.00 | 22.71 -0.56 0.00 | 22.33 -0.51 -0.08 | 25.22 -0.59 -0.08 | 24.71 -0.57 0.00 | 23.99 -0.61 0.00 | 23.67 -0.60 0.00 | 24.54 -0.57 0.00 | 33.12 -0.70 0.00 | 38.17 -0.74 0.00 | 40.39 -0.77 -0.05 | 42.59 -0.81 -0.22 | 39.68 -0.83 0.00 | 32.83 -0.64 0.00 | 29.20 -0.59 0.00 |
| E_CANADA_CAP_HY 24051 | 29.19 0.97 0.00 | 26.24 0.88 0.00 | 26.00 0.94 0.00 | 25.62 0.89 0.00 | 25.58 0.91 0.00 | 25.98 0.93 0.00 | 28.76 1.04 0.00 | 36.29 1.34 0.00 | 25.68 0.47 0.00 | 24.28 0.24 0.00 | 23.56 0.29 0.00 | 23.00 0.26 0.00 | 26.04 0.31 0.01 | 25.58 0.30 0.00 | 24.87 0.27 0.00 | 24.58 0.31 0.00 | 25.61 0.50 0.00 | 34.77 0.95 0.00 | 40.52 1.61 0.00 | 43.01 1.90 0.00 | 45.07 1.90 0.00 | 42.12 1.61 0.00 | 34.73 1.40 0.13 | 30.90 1.18 0.06 |
| E_CANADA_MHWK_HY 24050 | 30.72 0.84 -1.66 | 27.18 0.64 -1.18 | 25.94 0.59 -0.30 | 25.45 0.66 -0.06 | 25.83 0.62 -0.54 | 29.23 0.75 -3.43 | 37.20 1.08 -8.40 | 36.53 1.11 -0.46 | 25.48 0.27 0.00 | 24.01 -0.03 0.00 | 23.07 -0.20 0.00 | 22.64 -0.16 -0.06 | 25.52 -0.27 -0.06 | 25.03 -0.25 0.00 | 24.49 -0.11 0.00 | 24.22 -0.05 0.00 | 25.35 0.23 0.00 | 34.54 0.72 0.00 | 39.92 1.01 0.00 | 42.27 1.16 0.00 | 44.58 1.40 0.00 | 42.04 1.53 0.00 | 34.64 1.17 0.00 | 30.67 0.89 0.00 |
| E_FISHKILL__LBMP 23776 | 29.06 0.84 0.00 | 25.97 0.61 0.00 | 25.62 0.56 0.00 | 25.26 0.53 0.00 | 25.21 0.54 0.00 | 25.75 0.70 0.00 | 28.61 0.88 0.00 | 36.09 1.13 0.00 | 26.10 0.89 0.00 | 24.98 0.94 0.00 | 24.53 0.99 -0.27 | 24.25 0.97 -0.52 | 26.82 1.07 -0.02 | 26.47 1.19 0.00 | 25.85 1.24 0.00 | 25.45 1.18 0.00 | 26.20 1.09 0.00 | 35.13 1.31 0.00 | 40.26 1.35 0.00 | 42.43 1.32 0.00 | 44.89 1.71 0.00 | 42.25 1.74 0.00 | 35.10 1.38 -0.25 | 31.01 1.11 -0.12 |
| FALCON__SEABRD_CC1 323796 | 34.85 0.98 -5.65 | 30.13 0.78 -4.00 | 26.77 0.71 -1.00 | 25.62 0.68 -0.21 | 27.12 0.61 -1.85 | 37.41 0.72 -11.65 | 57.11 0.89 -28.50 | 37.54 1.02 -1.57 | 25.79 0.59 0.00 | 24.63 0.58 0.00 | 23.84 0.57 0.00 | 23.61 0.66 -0.20 | 26.62 0.70 -0.19 | 25.90 0.62 0.00 | 25.22 0.62 0.00 | 24.93 0.65 0.00 | 25.84 0.73 0.00 | 34.20 0.39 0.00 | 39.41 0.49 0.00 | 41.81 0.70 0.00 | 44.14 0.96 0.00 | 41.38 0.87 0.00 | 34.52 1.06 0.00 | 30.64 0.86 0.00 |
| FALCON__SEABRD_CC2 323797 | 34.85 0.98 -5.65 | 30.13 0.78 -4.00 | 26.77 0.71 -1.00 | 25.62 0.68 -0.21 | 27.12 0.61 -1.85 | 37.41 0.72 -11.65 | 57.11 0.89 -28.50 | 37.54 1.02 -1.57 | 25.79 0.59 0.00 | 24.63 0.58 0.00 | 23.84 0.57 0.00 | 23.61 0.66 -0.20 | 26.62 0.70 -0.19 | 25.90 0.62 0.00 | 25.22 0.62 0.00 | 24.93 0.65 0.00 | 25.84 0.73 0.00 | 34.20 0.39 0.00 | 39.41 0.49 0.00 | 41.81 0.70 0.00 | 44.14 0.96 0.00 | 41.38 0.87 0.00 | 34.52 1.06 0.00 | 30.64 0.86 0.00 |

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| FAR ROCKAWAY___4 23548 | 29.71 1.49 0.00 | 26.51 1.15 0.00 | 26.14 1.08 0.00 | 25.77 1.04 0.00 | 25.74 1.07 0.00 | 26.34 1.29 0.00 | 29.32 1.60 0.00 | 36.94 1.99 0.00 | 26.69 1.49 0.00 | 25.66 1.62 0.00 | 25.97 1.81 -0.89 | 26.27 1.74 -1.79 | 46.40 1.99 -18.68 | 84.27 2.25 -56.74 | 52.31 2.10 -25.60 | 46.04 2.02 -19.75 | 52.01 1.90 -24.99 | 56.85 2.40 -20.63 | 41.70 2.78 0.00 | 44.51 2.73 -0.66 | 50.39 3.16 -4.05 | 45.30 3.21 -1.58 | 38.64 2.66 -2.52 | 31.94 2.04 -0.12 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 29.32 1.10 0.00 | 26.21 0.85 0.00 | 25.87 0.81 0.00 | 25.49 0.76 0.00 | 25.46 0.79 0.00 | 26.03 0.98 0.00 | 28.96 1.25 0.00 | 36.63 1.68 0.00 | 26.56 1.35 0.00 | 25.47 1.43 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.40 1.66 -0.01 | 27.04 1.76 0.00 | 26.35 1.75 0.00 | 25.93 1.66 0.00 | 26.65 1.53 0.00 | 35.70 1.89 0.00 | 40.80 1.89 0.00 | 42.99 1.88 0.00 | 45.58 2.40 0.00 | 42.91 2.41 0.00 | 35.66 1.95 -0.25 | 31.46 1.56 -0.12 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 29.33 1.11 0.00 | 26.21 0.86 0.00 | 25.87 0.81 0.00 | 25.49 0.76 0.00 | 25.46 0.79 0.00 | 26.03 0.98 0.00 | 28.96 1.25 0.00 | 36.63 1.68 0.00 | 26.56 1.35 0.00 | 25.47 1.43 0.00 | 25.66 1.49 -0.90 | 26.02 1.49 -1.79 | 27.40 1.65 -0.01 | 27.03 1.75 0.00 | 26.35 1.74 0.00 | 25.93 1.65 0.00 | 26.64 1.53 0.00 | 35.70 1.88 0.00 | 40.80 1.89 0.00 | 43.00 1.89 0.00 | 45.58 2.40 0.00 | 42.92 2.41 0.00 | 35.67 1.96 -0.25 | 31.47 1.57 -0.12 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 29.31 1.09 0.00 | 26.19 0.84 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.44 0.78 0.00 | 26.01 0.97 0.00 | 28.95 1.24 0.00 | 36.62 1.66 0.00 | 26.54 1.33 0.00 | 25.46 1.42 0.00 | 25.65 1.48 -0.90 | 26.00 1.47 -1.79 | 27.38 1.64 -0.01 | 27.02 1.74 0.00 | 26.33 1.73 0.00 | 25.92 1.64 0.00 | 26.62 1.51 0.00 | 35.68 1.86 0.00 | 40.77 1.86 0.00 | 42.96 1.84 0.00 | 45.54 2.37 0.00 | 42.88 2.37 0.00 | 35.64 1.93 -0.25 | 31.44 1.55 -0.12 |
| FARRAGUT___LBMP 323566 | 29.28 1.06 0.00 | 26.17 0.82 0.00 | 25.84 0.78 0.00 | 25.46 0.73 0.00 | 25.43 0.76 0.00 | 25.99 0.94 0.00 | 28.93 1.21 0.00 | 36.59 1.63 0.00 | 26.52 1.31 0.00 | 25.43 1.39 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.35 1.61 -0.01 | 26.99 1.71 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.64 1.83 0.00 | 40.73 1.82 0.00 | 42.92 1.80 0.00 | 45.50 2.32 0.00 | 42.84 2.34 0.00 | 35.61 1.90 -0.25 | 31.42 1.52 -0.12 |
| FENNER___WINDPWR 24204 | 33.55 0.83 -4.50 | 29.25 0.71 -3.19 | 26.54 0.68 -0.80 | 25.57 0.67 -0.17 | 26.83 0.69 -1.47 | 35.10 0.76 -9.29 | 51.39 0.93 -22.73 | 37.34 1.14 -1.25 | 25.80 0.59 0.00 | 24.42 0.38 0.00 | 23.58 0.31 0.00 | 23.22 0.32 -0.16 | 26.20 0.32 -0.15 | 25.59 0.31 0.00 | 24.97 0.37 0.00 | 24.75 0.48 0.00 | 25.75 0.64 0.00 | 34.90 1.08 0.00 | 40.34 1.43 0.00 | 42.72 1.57 -0.03 | 44.97 1.66 -0.13 | 42.04 1.53 0.00 | 34.63 1.17 0.00 | 30.73 0.95 0.00 |
| FIBERTEK___ENERGY 23856 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| FITZPATRICK___ 23598 | 27.34 -0.88 0.00 | 24.60 -0.75 0.00 | 24.32 -0.74 0.00 | 24.00 -0.73 0.00 | 23.93 -0.73 0.00 | 24.29 -0.76 0.00 | 26.78 -0.94 0.00 | 33.79 -1.16 0.00 | 24.34 -0.87 0.00 | 23.18 -0.86 0.00 | 22.44 -0.83 0.00 | 21.96 -0.79 0.00 | 24.84 -0.89 0.00 | 24.39 -0.88 0.00 | 23.71 -0.89 0.00 | 23.40 -0.88 0.00 | 24.24 -0.88 0.00 | 32.67 -1.15 0.00 | 37.64 -1.27 0.00 | 38.97 -1.35 0.80 | 38.31 -1.40 3.46 | 39.15 -1.36 0.00 | 32.40 -1.06 0.00 | 28.83 -0.95 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 29.39 1.17 0.00 | 26.27 0.91 0.00 | 25.90 0.85 0.00 | 25.53 0.80 0.00 | 25.48 0.81 0.00 | 26.03 0.99 0.00 | 28.95 1.23 0.00 | 36.55 1.59 0.00 | 26.41 1.20 0.00 | 25.25 1.21 0.00 | 24.60 1.33 0.00 | 24.06 1.31 0.00 | 27.22 1.47 -0.01 | 26.89 1.61 0.00 | 26.18 1.57 0.00 | 25.77 1.49 0.00 | 26.57 1.46 0.00 | 35.69 1.87 0.00 | 40.93 2.01 0.00 | 43.13 2.02 0.00 | 45.59 2.41 0.00 | 42.85 2.35 0.00 | 35.48 1.83 -0.19 | 31.37 1.49 -0.09 |
| FORT ORANGE___ 23900 | 28.63 0.40 0.00 | 25.67 0.32 0.00 | 25.34 0.28 0.00 | 25.03 0.30 0.00 | 24.96 0.30 0.00 | 25.37 0.33 0.00 | 28.13 0.41 0.00 | 35.36 0.41 0.00 | 25.48 0.28 0.00 | 24.27 0.22 0.00 | 23.46 0.20 0.00 | 22.94 0.20 0.00 | 25.90 0.17 0.01 | 25.46 0.18 0.00 | 24.86 0.26 0.00 | 24.54 0.27 0.00 | 25.31 0.20 0.00 | 34.13 0.31 0.00 | 39.36 0.44 0.00 | 41.57 0.46 0.00 | 43.86 0.69 0.00 | 41.25 0.75 0.00 | 33.82 0.53 0.17 | 30.16 0.45 0.08 |
| FORT_DRUM_COGEN 23780 | 48.81 1.34 -19.25 | 40.16 1.17 -13.64 | 29.58 1.10 -3.42 | 26.54 1.09 -0.72 | 32.10 1.12 -6.30 | 66.02 1.25 -39.73 | 126.40 1.49 -97.19 | 42.04 1.74 -5.34 | 26.00 0.80 0.00 | 24.43 0.39 0.00 | 23.52 0.25 0.00 | 23.61 0.17 -0.68 | 26.17 -0.19 -0.63 | 24.75 -0.53 0.00 | 24.02 -0.59 0.00 | 23.76 -0.52 0.00 | 24.85 -0.26 0.00 | 33.77 -0.05 0.00 | 39.93 1.02 0.00 | 42.88 1.67 -0.10 | 45.60 2.01 -0.41 | 42.91 2.41 0.00 | 35.20 1.74 0.00 | 31.19 1.41 0.00 |
| FOX_HILLS___ESR 323835 | 29.48 1.26 0.00 | 26.38 1.03 0.00 | 25.99 0.93 0.00 | 25.56 0.83 0.00 | 25.51 0.84 0.00 | 26.10 1.05 0.00 | 29.05 1.34 0.00 | 36.76 1.80 0.00 | 26.52 1.31 0.00 | 25.41 1.37 0.00 | 25.58 1.42 -0.90 | 25.93 1.40 -1.79 | 27.35 1.61 -0.01 | 26.99 1.71 0.00 | 26.25 1.64 0.00 | 25.83 1.56 0.00 | 26.54 1.43 0.00 | 35.60 1.78 0.00 | 40.73 1.82 0.00 | 43.00 1.88 0.00 | 45.64 2.46 0.00 | 42.95 2.44 0.00 | 35.67 1.97 -0.25 | 31.47 1.57 -0.12 |
| FPL_FAR_ROCK_GT1 24212 | 29.71 1.49 0.00 | 26.51 1.15 0.00 | 26.14 1.08 0.00 | 25.77 1.04 0.00 | 25.74 1.07 0.00 | 26.34 1.29 0.00 | 29.32 1.60 0.00 | 36.94 1.98 0.00 | 26.70 1.49 0.00 | 25.66 1.62 0.00 | 25.97 1.81 -0.89 | 26.28 1.74 -1.79 | 46.41 1.99 -18.68 | 84.27 2.25 -56.74 | 52.31 2.10 -25.60 | 46.03 2.01 -19.75 | 52.02 1.91 -24.99 | 56.85 2.40 -20.63 | 41.70 2.79 0.00 | 44.51 2.73 -0.66 | 50.39 3.16 -4.05 | 45.30 3.21 -1.58 | 38.64 2.66 -2.52 | 31.94 2.04 -0.12 |
| FPL_FAR_ROCK_GT2 23815 | 29.71 1.49 0.00 | 26.51 1.15 0.00 | 26.14 1.08 0.00 | 25.77 1.04 0.00 | 25.74 1.07 0.00 | 26.34 1.29 0.00 | 29.32 1.60 0.00 | 36.94 1.98 0.00 | 26.70 1.49 0.00 | 25.66 1.62 0.00 | 25.97 1.81 -0.89 | 26.28 1.74 -1.79 | 46.41 1.99 -18.68 | 84.27 2.25 -56.74 | 52.31 2.10 -25.60 | 46.03 2.01 -19.75 | 52.02 1.91 -24.99 | 56.85 2.40 -20.63 | 41.70 2.79 0.00 | 44.51 2.73 -0.66 | 50.39 3.16 -4.05 | 45.30 3.21 -1.58 | 38.64 2.66 -2.52 | 31.94 2.04 -0.12 |
| FRANKLIN_FALL_HYD 24054 | 55.22 0.95 -26.05 | 44.66 0.85 -18.46 | 30.49 0.80 -4.63 | 26.47 0.76 -0.98 | 33.93 0.73 -8.53 | 79.60 0.79 -53.77 | 160.21 0.95 -131.54 | 43.39 1.21 -7.23 | 25.92 0.71 0.00 | 24.73 0.68 0.00 | 23.90 0.64 0.00 | 24.34 0.68 -0.92 | 27.28 0.69 -0.86 | 25.83 0.55 0.00 | 25.09 0.49 0.00 | 24.77 0.50 0.00 | 25.70 0.59 0.00 | 34.31 0.49 0.00 | 39.73 0.82 0.00 | 42.21 1.10 0.00 | 44.24 1.07 0.00 | 41.50 1.00 0.00 | 34.51 1.05 0.00 | 30.66 0.87 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 29.48 1.26 0.00 | 26.30 0.95 0.00 | 25.94 0.88 0.00 | 25.59 0.86 0.00 | 25.55 0.88 0.00 | 26.13 1.09 0.00 | 29.09 1.37 0.00 | 36.61 1.66 0.00 | 26.43 1.23 0.00 | 25.40 1.36 0.00 | 25.72 1.56 -0.89 | 26.00 1.47 -1.79 | 42.92 1.67 -15.52 | 74.13 1.82 -47.03 | 47.66 1.79 -21.26 | 42.37 1.69 -16.40 | 47.24 1.55 -20.58 | 52.70 1.93 -16.95 | 41.14 2.23 0.00 | 43.82 2.16 -0.54 | 49.11 2.60 -3.33 | 44.53 2.71 -1.31 | 37.92 2.32 -2.13 | 31.63 1.73 -0.12 |
| FREEPORT___CT2 23818 | 29.48 1.26 0.00 | 26.30 0.95 0.00 | 25.94 0.88 0.00 | 25.59 0.86 0.00 | 25.55 0.88 0.00 | 26.13 1.09 0.00 | 29.09 1.37 0.00 | 36.61 1.66 0.00 | 26.43 1.23 0.00 | 25.40 1.36 0.00 | 25.72 1.56 -0.89 | 26.00 1.47 -1.79 | 42.92 1.67 -15.52 | 74.13 1.82 -47.03 | 47.66 1.79 -21.26 | 42.37 1.69 -16.40 | 47.24 1.55 -20.58 | 52.70 1.93 -16.95 | 41.14 2.23 0.00 | 43.82 2.16 -0.54 | 49.11 2.60 -3.33 | 44.53 2.71 -1.31 | 37.92 2.32 -2.13 | 31.63 1.73 -0.12 |
| FRESHKLS_33_KV_LOAD 356253 | 29.65 1.43 0.00 | 26.54 1.18 0.00 | 26.13 1.07 0.00 | 25.69 0.96 0.00 | 25.63 0.96 0.00 | 26.22 1.17 0.00 | 29.19 1.47 0.00 | 36.90 1.94 0.00 | 26.54 1.33 0.00 | 25.41 1.37 0.00 | 25.57 1.41 -0.90 | 25.92 1.40 -1.79 | 27.34 1.59 -0.01 | 26.99 1.71 0.00 | 26.22 1.62 0.00 | 25.82 1.55 0.00 | 26.54 1.43 0.00 | 35.62 1.80 0.00 | 40.77 1.86 0.00 | 43.06 1.95 0.00 | 45.69 2.52 0.00 | 43.00 2.49 0.00 | 35.72 2.01 -0.25 | 31.51 1.61 -0.12 |
| FULTON COGEN____ 23766 | 30.23 -0.60 -2.60 | 26.69 -0.51 -1.84 | 25.02 -0.50 -0.46 | 24.33 -0.49 -0.10 | 25.03 -0.49 -0.85 | 29.91 -0.51 -5.37 | 40.23 -0.64 -13.14 | 34.91 -0.77 -0.72 | 24.59 -0.62 0.00 | 23.39 -0.64 0.00 | 22.64 -0.62 0.00 | 22.25 -0.59 -0.09 | 25.13 -0.69 -0.09 | 24.60 -0.68 0.00 | 23.92 -0.68 0.00 | 23.58 -0.69 0.00 | 24.45 -0.66 0.00 | 32.99 -0.82 0.00 | 38.08 -0.83 0.00 | 40.52 -0.84 -0.24 | 43.37 -0.84 -1.04 | 39.66 -0.85 0.00 | 32.80 -0.66 0.00 | 29.16 -0.62 0.00 |
| FULTON___LFGE 323630 | 29.42 1.20 0.00 | 26.40 1.05 0.00 | 26.11 1.06 0.00 | 25.75 1.02 0.00 | 25.71 1.04 0.00 | 26.14 1.10 0.00 | 29.03 1.31 0.00 | 36.55 1.59 0.00 | 25.59 0.38 0.00 | 24.03 -0.01 0.00 | 23.20 -0.07 0.00 | 22.65 -0.09 0.00 | 25.61 -0.11 0.01 | 25.19 -0.09 0.00 | 24.54 -0.06 0.00 | 24.36 0.09 0.00 | 25.62 0.50 0.00 | 34.94 1.12 0.00 | 40.80 1.89 0.00 | 43.35 2.24 0.00 | 45.51 2.34 0.00 | 42.59 2.09 0.00 | 35.02 1.70 0.14 | 31.14 1.43 0.07 |
| G.F.CEMENT___DRP 24184 | 30.46 2.24 0.00 | 27.20 1.85 0.00 | 26.80 1.74 0.00 | 26.55 1.82 0.00 | 26.47 1.81 0.00 | 27.02 1.97 0.00 | 30.04 2.33 0.00 | 37.83 2.87 0.00 | 26.96 1.75 0.00 | 25.50 1.46 0.00 | 24.48 1.22 0.00 | 23.88 1.14 0.00 | 26.91 1.20 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.03 1.92 0.00 | 36.67 2.85 0.00 | 42.21 3.30 0.00 | 44.61 3.50 0.00 | 47.23 4.06 0.00 | 44.35 3.84 0.00 | 36.19 2.98 0.26 | 32.31 2.65 0.12 |
| GARDENVILLE___LBMP 24039 | 27.97 -0.25 0.00 | 25.37 0.01 0.00 | 25.17 0.11 0.00 | 24.81 0.08 0.00 | 24.70 0.04 0.00 | 24.96 -0.08 0.00 | 27.34 -0.38 0.00 | 34.55 -0.40 0.00 | 25.08 -0.13 0.00 | 24.00 -0.04 0.00 | 23.33 0.07 0.00 | 23.05 0.31 0.00 | 26.12 0.39 0.00 | 25.38 0.10 0.00 | 24.33 -0.27 0.00 | 23.89 -0.38 0.00 | 24.77 -0.34 0.00 | 33.49 -0.33 0.00 | 38.72 -0.19 0.00 | 40.77 -0.35 0.00 | 42.78 -0.39 0.00 | 39.81 -0.70 0.00 | 33.30 -0.16 0.00 | 29.78 0.00 0.00 |
| GARDNVLA_35_KV_LD 355827 | 28.08 -0.14 0.00 | 25.47 0.11 0.00 | 25.28 0.22 0.00 | 24.91 0.18 0.00 | 24.79 0.12 0.00 | 25.05 0.00 0.00 | 27.42 -0.30 0.00 | 34.67 -0.28 0.00 | 25.18 -0.03 0.00 | 24.11 0.07 0.00 | 23.43 0.17 0.00 | 23.16 0.42 0.00 | 26.25 0.52 0.00 | 25.49 0.21 0.00 | 24.45 -0.15 0.00 | 24.03 -0.24 0.00 | 24.90 -0.21 0.00 | 33.69 -0.12 0.00 | 38.94 0.03 0.00 | 40.99 -0.12 0.00 | 43.00 -0.18 0.00 | 40.00 -0.51 0.00 | 33.46 0.00 0.00 | 29.91 0.13 0.00 |
| GELCKHM___115KV_LOAD 80723 | 29.94 -0.46 -2.17 | 26.51 -0.38 -1.54 | 25.07 -0.38 -0.38 | 24.45 -0.36 -0.08 | 25.01 -0.36 -0.71 | 29.16 -0.37 -4.49 | 38.22 -0.49 -10.99 | 34.98 -0.58 -0.60 | 24.73 -0.48 0.00 | 23.54 -0.50 0.00 | 22.79 -0.48 0.00 | 22.39 -0.43 -0.08 | 25.30 -0.50 -0.07 | 24.79 -0.49 0.00 | 24.10 -0.51 0.00 | 23.77 -0.50 0.00 | 24.65 -0.46 0.00 | 33.28 -0.54 0.00 | 38.38 -0.53 0.00 | 40.64 -0.56 -0.08 | 42.92 -0.59 -0.33 | 39.88 -0.63 0.00 | 32.98 -0.47 0.00 | 29.33 -0.45 0.00 |
| GENERAL___MILLS 23808 | 28.02 -0.19 0.00 | 25.43 0.07 0.00 | 25.24 0.18 0.00 | 24.87 0.14 0.00 | 24.75 0.09 0.00 | 25.01 -0.04 0.00 | 27.39 -0.33 0.00 | 34.62 -0.33 0.00 | 25.14 -0.07 0.00 | 24.06 0.03 0.00 | 23.39 0.13 0.00 | 23.12 0.38 0.00 | 26.19 0.46 0.00 | 25.44 0.16 0.00 | 24.39 -0.21 0.00 | 23.97 -0.31 0.00 | 24.84 -0.27 0.00 | 33.59 -0.22 0.00 | 38.83 -0.08 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.91 -0.60 0.00 | 33.38 -0.08 0.00 | 29.85 0.07 0.00 |
| GE_PLASTICS___DRP 24183 | 28.61 0.39 0.00 | 25.66 0.30 0.00 | 25.34 0.29 0.00 | 25.02 0.29 0.00 | 24.95 0.28 0.00 | 25.35 0.31 0.00 | 28.10 0.38 0.00 | 35.36 0.40 0.00 | 25.50 0.29 0.00 | 24.34 0.30 0.00 | 23.55 0.28 0.00 | 23.03 0.28 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.95 0.35 0.00 | 24.61 0.34 0.00 | 25.40 0.29 0.00 | 34.17 0.36 0.00 | 39.29 0.38 0.00 | 41.46 0.34 0.00 | 43.75 0.57 0.00 | 41.14 0.64 0.00 | 33.80 0.48 0.13 | 30.13 0.41 0.06 |
| GILBOA___1 23756 | 28.70 0.48 0.00 | 25.80 0.44 0.00 | 25.61 0.55 0.00 | 25.29 0.56 0.00 | 25.21 0.54 0.00 | 25.43 0.38 0.00 | 28.14 0.42 0.00 | 35.47 0.52 0.00 | 25.57 0.36 0.00 | 24.39 0.36 0.00 | 23.61 0.35 0.00 | 23.10 0.36 0.00 | 26.11 0.38 0.00 | 25.69 0.41 0.00 | 25.03 0.42 0.00 | 24.66 0.39 0.00 | 25.49 0.37 0.00 | 34.30 0.48 0.00 | 39.33 0.42 0.00 | 41.49 0.37 0.00 | 43.72 0.54 0.00 | 41.15 0.64 0.00 | 34.02 0.55 0.00 | 30.25 0.46 0.00 |
| GILBOA___2 23757 | 28.70 0.48 0.00 | 25.80 0.44 0.00 | 25.61 0.55 0.00 | 25.29 0.56 0.00 | 25.21 0.54 0.00 | 25.43 0.38 0.00 | 28.14 0.42 0.00 | 35.47 0.52 0.00 | 25.57 0.36 0.00 | 24.39 0.36 0.00 | 23.61 0.35 0.00 | 23.10 0.36 0.00 | 26.11 0.38 0.00 | 25.69 0.41 0.00 | 25.03 0.42 0.00 | 24.66 0.39 0.00 | 25.49 0.37 0.00 | 34.30 0.48 0.00 | 39.33 0.42 0.00 | 41.49 0.37 0.00 | 43.72 0.54 0.00 | 41.15 0.64 0.00 | 34.02 0.55 0.00 | 30.25 0.46 0.00 |
| GILBOA___3 23758 | 28.70 0.48 0.00 | 25.80 0.44 0.00 | 25.61 0.55 0.00 | 25.29 0.56 0.00 | 25.21 0.54 0.00 | 25.43 0.38 0.00 | 28.14 0.42 0.00 | 35.47 0.52 0.00 | 25.57 0.36 0.00 | 24.39 0.36 0.00 | 23.61 0.35 0.00 | 23.10 0.36 0.00 | 26.11 0.38 0.00 | 25.69 0.41 0.00 | 25.03 0.42 0.00 | 24.66 0.39 0.00 | 25.49 0.37 0.00 | 34.30 0.48 0.00 | 39.33 0.42 0.00 | 41.49 0.37 0.00 | 43.72 0.54 0.00 | 41.15 0.64 0.00 | 34.02 0.55 0.00 | 30.25 0.46 0.00 |
| GILBOA___4 23759 | 28.70 0.48 0.00 | 25.80 0.44 0.00 | 25.61 0.55 0.00 | 25.29 0.56 0.00 | 25.21 0.54 0.00 | 25.43 0.38 0.00 | 28.14 0.42 0.00 | 35.47 0.52 0.00 | 25.57 0.36 0.00 | 24.39 0.36 0.00 | 23.61 0.35 0.00 | 23.10 0.36 0.00 | 26.11 0.38 0.00 | 25.69 0.41 0.00 | 25.03 0.42 0.00 | 24.66 0.39 0.00 | 25.49 0.37 0.00 | 34.30 0.48 0.00 | 39.33 0.42 0.00 | 41.49 0.37 0.00 | 43.72 0.54 0.00 | 41.15 0.64 0.00 | 34.02 0.55 0.00 | 30.25 0.46 0.00 |

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| GILBOA____ 23599 | 28.70 0.48 0.00 | 25.80 0.45 0.00 | 25.61 0.55 0.00 | 25.29 0.56 0.00 | 25.21 0.54 0.00 | 25.43 0.39 0.00 | 28.14 0.42 0.00 | 35.47 0.52 0.00 | 25.57 0.36 0.00 | 24.39 0.35 0.00 | 23.62 0.35 0.00 | 23.11 0.36 0.00 | 26.11 0.38 0.00 | 25.69 0.41 0.00 | 25.03 0.42 0.00 | 24.66 0.39 0.00 | 25.49 0.38 0.00 | 34.30 0.48 0.00 | 39.33 0.42 0.00 | 41.49 0.37 0.00 | 43.72 0.54 0.00 | 41.15 0.64 0.00 | 34.02 0.55 0.00 | 30.25 0.46 0.00 |
| GINNA____ 23603 | 26.80 -1.42 0.00 | 24.18 -1.18 0.00 | 23.92 -1.14 0.00 | 23.59 -1.14 0.00 | 23.52 -1.14 0.00 | 23.89 -1.17 -0.03 | 33.02 -1.42 -6.72 | 33.61 -1.72 -0.37 | 23.95 -1.26 0.00 | 22.80 -1.24 0.00 | 22.13 -1.14 0.00 | 21.78 -1.01 -0.05 | 24.69 -1.09 -0.04 | 24.15 -1.13 0.00 | 23.33 -1.27 0.00 | 23.04 -1.23 0.00 | 23.92 -1.19 0.00 | 32.40 -1.41 0.00 | 37.47 -1.44 0.00 | 39.50 -1.62 0.00 | 41.43 -1.74 0.00 | 38.62 -1.89 0.00 | 32.00 -1.46 0.00 | 28.45 -1.33 0.00 |
| GLEN PARK____ 23778 | 47.89 1.45 -18.23 | 39.53 1.26 -12.92 | 29.49 1.19 -3.24 | 26.59 1.17 -0.68 | 31.85 1.21 -5.97 | 64.01 1.34 -37.63 | 121.40 1.62 -92.05 | 41.92 1.90 -5.06 | 26.10 0.89 0.00 | 24.48 0.44 0.00 | 23.55 0.29 0.00 | 23.60 0.21 -0.65 | 26.14 -0.19 -0.60 | 24.76 -0.52 0.00 | 24.00 -0.61 0.00 | 23.73 -0.55 0.00 | 24.84 -0.27 0.00 | 33.76 -0.06 0.00 | 40.04 1.13 0.00 | 43.16 1.95 -0.10 | 45.92 2.32 -0.43 | 43.15 2.64 0.00 | 35.37 1.91 0.00 | 31.34 1.55 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 29.45 1.23 0.00 | 26.38 1.02 0.00 | 26.01 0.95 0.00 | 25.61 0.88 0.00 | 25.57 0.90 0.00 | 26.15 1.10 0.00 | 29.11 1.39 0.00 | 36.84 1.89 0.00 | 26.73 1.52 0.00 | 25.64 1.60 0.00 | 25.81 1.64 -0.90 | 26.16 1.64 -1.79 | 27.56 1.81 -0.01 | 27.19 1.91 0.00 | 26.47 1.87 0.00 | 26.06 1.79 0.00 | 26.76 1.65 0.00 | 35.83 2.01 0.00 | 40.94 2.03 0.00 | 43.15 2.03 0.00 | 45.80 2.62 0.00 | 43.15 2.65 0.00 | 35.84 2.13 -0.25 | 31.59 1.69 -0.12 |
| GLENWOOD_IC_1_G5 23712 | 29.39 1.17 0.00 | 26.24 0.89 0.00 | 25.89 0.83 0.00 | 25.53 0.80 0.00 | 25.49 0.82 0.00 | 26.07 1.02 0.00 | 29.01 1.29 0.00 | 36.62 1.67 0.00 | 26.50 1.29 0.00 | 25.43 1.39 0.00 | 25.68 1.52 -0.89 | 26.01 1.48 -1.79 | 47.35 1.64 -19.98 | 87.67 1.74 -60.65 | 53.73 1.74 -27.39 | 47.11 1.72 -21.12 | 53.38 1.59 -26.68 | 57.76 1.93 -22.01 | 40.78 1.86 -0.01 | 43.64 1.82 -0.71 | 50.02 2.52 -4.32 | 44.76 2.56 -1.69 | 38.25 2.11 -2.68 | 31.53 1.63 -0.12 |
| GLENWOOD_IC_2_G1 23688 | 29.29 1.07 0.00 | 26.17 0.81 0.00 | 25.81 0.75 0.00 | 25.45 0.72 0.00 | 25.41 0.75 0.00 | 25.98 0.93 0.00 | 28.90 1.18 0.00 | 36.50 1.54 0.00 | 26.41 1.20 0.00 | 25.32 1.28 0.00 | 25.55 1.39 -0.89 | 25.87 1.36 -1.77 | 28.14 1.54 -0.87 | 29.58 1.70 -2.60 | 27.42 1.64 -1.17 | 26.74 1.56 -0.91 | 27.70 1.44 -1.15 | 36.53 1.76 -0.95 | 40.78 1.87 0.00 | 42.97 1.82 -0.03 | 45.65 2.28 -0.19 | 42.93 2.35 -0.07 | 35.73 1.91 -0.35 | 31.39 1.49 -0.12 |
| GLENWOOD_IC_3_G1 23689 | 29.29 1.07 0.00 | 26.17 0.81 0.00 | 25.81 0.75 0.00 | 25.45 0.72 0.00 | 25.41 0.75 0.00 | 25.98 0.93 0.00 | 28.90 1.18 0.00 | 36.50 1.54 0.00 | 26.41 1.20 0.00 | 25.32 1.28 0.00 | 25.55 1.39 -0.89 | 25.87 1.36 -1.77 | 28.14 1.54 -0.87 | 29.58 1.70 -2.60 | 27.42 1.64 -1.17 | 26.74 1.56 -0.91 | 27.70 1.44 -1.15 | 36.53 1.76 -0.95 | 40.78 1.87 0.00 | 42.97 1.82 -0.03 | 45.65 2.28 -0.19 | 42.93 2.35 -0.07 | 35.73 1.91 -0.35 | 31.39 1.49 -0.12 |
| GLENWOOD____4 23550 | 29.39 1.17 0.00 | 26.24 0.89 0.00 | 25.89 0.83 0.00 | 25.53 0.80 0.00 | 25.49 0.82 0.00 | 26.07 1.02 0.00 | 29.01 1.29 0.00 | 36.62 1.67 0.00 | 26.50 1.29 0.00 | 25.43 1.39 0.00 | 25.68 1.52 -0.89 | 26.01 1.48 -1.79 | 47.37 1.66 -19.98 | 87.73 1.80 -60.65 | 53.75 1.76 -27.39 | 47.11 1.72 -21.12 | 53.38 1.59 -26.68 | 57.77 1.94 -22.01 | 40.87 1.96 -0.01 | 43.74 1.92 -0.71 | 50.02 2.52 -4.32 | 44.76 2.56 -1.69 | 38.25 2.11 -2.68 | 31.53 1.63 -0.12 |
| GLENWOOD____5 23614 | 29.39 1.17 0.00 | 26.24 0.89 0.00 | 25.89 0.83 0.00 | 25.53 0.80 0.00 | 25.49 0.82 0.00 | 26.07 1.02 0.00 | 29.01 1.29 0.00 | 36.62 1.67 0.00 | 26.50 1.29 0.00 | 25.43 1.39 0.00 | 25.68 1.52 -0.89 | 26.01 1.48 -1.79 | 47.37 1.66 -19.98 | 87.73 1.80 -60.65 | 53.75 1.76 -27.39 | 47.11 1.72 -21.12 | 53.38 1.59 -26.68 | 57.77 1.94 -22.01 | 40.87 1.96 -0.01 | 43.74 1.92 -0.71 | 50.02 2.52 -4.32 | 44.76 2.56 -1.69 | 38.25 2.11 -2.68 | 31.53 1.63 -0.12 |
| GLOBAL GREEN_PORT_GT1 23814 | 30.37 2.15 0.00 | 27.14 1.79 0.00 | 26.95 1.88 0.00 | 28.22 2.00 -1.50 | 28.10 2.03 -1.41 | 27.29 2.20 -0.04 | 30.46 2.63 -0.11 | 38.17 3.21 0.00 | 36.61 2.35 -9.05 | 58.26 2.51 -31.70 | 26.78 2.63 -0.89 | 26.68 2.16 -1.78 | 39.67 2.39 -11.54 | 62.54 2.22 -35.04 | 43.09 2.68 -15.81 | 38.91 2.44 -12.20 | 42.94 2.40 -15.43 | 49.73 3.18 -12.73 | 42.60 3.68 0.00 | 45.12 3.59 -0.41 | 50.04 4.37 -2.50 | 45.78 4.29 -0.98 | 38.85 3.74 -1.65 | 32.54 2.65 -0.12 |
| GLOBE____DSASP 323697 | 27.37 -0.86 0.00 | 24.90 -0.45 0.00 | 24.76 -0.31 0.00 | 24.37 -0.36 0.00 | 24.27 -0.40 0.00 | 24.46 -0.59 0.00 | 26.62 -1.10 0.00 | 33.59 -1.37 0.00 | 24.46 -0.75 0.00 | 23.44 -0.59 0.00 | 22.80 -0.47 0.00 | 22.53 -0.22 0.00 | 25.52 -0.21 0.00 | 24.72 -0.56 0.00 | 23.67 -0.94 0.00 | 23.29 -0.98 0.00 | 24.14 -0.97 0.00 | 32.60 -1.22 0.00 | 37.65 -1.26 0.00 | 39.52 -1.60 0.00 | 41.56 -1.62 0.00 | 38.75 -1.76 0.00 | 32.64 -0.82 0.00 | 29.33 -0.45 0.00 |
| GOETHSLN____LBMP 323567 | 29.12 0.90 0.00 | 26.03 0.67 0.00 | 25.68 0.63 0.00 | 25.30 0.58 0.01 | 25.28 0.61 0.00 | 25.86 0.81 0.00 | 28.78 1.06 0.00 | 36.40 1.45 0.00 | 26.40 1.19 0.00 | 25.31 1.27 0.00 | 25.51 1.34 -0.90 | 25.87 1.34 -1.79 | 27.25 1.50 -0.01 | 26.90 1.63 0.00 | 26.23 1.63 0.00 | 25.80 1.53 0.00 | 26.50 1.39 0.00 | 35.51 1.69 0.00 | 40.59 1.68 0.00 | 42.79 1.67 0.00 | 45.34 2.16 0.00 | 42.70 2.19 0.00 | 35.48 1.77 -0.25 | 31.29 1.40 -0.12 |
| GOLAH____69_KV_TB 1_2 80279 | 28.29 0.06 0.00 | 25.58 0.23 0.00 | 25.41 0.35 0.00 | 25.02 0.29 0.00 | 24.95 0.28 0.00 | 25.30 0.26 0.00 | 27.81 0.09 0.00 | 35.15 0.19 0.00 | 25.31 0.10 0.00 | 24.03 -0.01 0.00 | 23.29 0.02 0.00 | 22.91 0.16 0.00 | 25.98 0.25 0.00 | 25.45 0.17 0.00 | 24.56 -0.04 0.00 | 24.17 -0.10 0.00 | 25.08 -0.03 0.00 | 33.98 0.16 0.00 | 39.41 0.50 0.00 | 41.60 0.48 0.00 | 43.67 0.49 0.00 | 40.68 0.17 0.00 | 33.80 0.34 0.00 | 30.09 0.31 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 28.89 0.67 0.00 | 25.95 0.60 0.00 | 25.73 0.68 0.00 | 25.37 0.63 0.00 | 25.31 0.64 0.00 | 25.68 0.64 0.00 | 28.50 0.78 0.00 | 36.00 1.05 0.00 | 25.84 0.63 0.00 | 24.62 0.58 0.00 | 23.86 0.59 0.00 | 23.34 0.59 0.00 | 26.41 0.67 0.00 | 25.97 0.69 0.00 | 25.27 0.67 0.00 | 24.90 0.63 0.00 | 25.75 0.64 0.00 | 34.79 0.97 0.00 | 40.15 1.24 0.00 | 42.48 1.37 0.00 | 44.57 1.40 0.00 | 41.70 1.19 0.00 | 34.45 0.99 0.00 | 30.57 0.78 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 28.22 0.00 0.00 | 25.35 -0.01 0.00 | 25.05 -0.01 0.00 | 24.79 0.06 0.00 | 24.68 0.01 0.00 | 25.09 0.05 0.00 | 27.99 0.27 0.00 | 35.33 0.37 0.00 | 25.42 0.21 0.00 | 24.20 0.17 0.00 | 23.42 0.15 0.00 | 22.98 0.23 0.00 | 25.89 0.16 0.00 | 25.43 0.15 0.00 | 24.66 0.05 0.00 | 24.23 -0.05 0.00 | 25.10 -0.01 0.00 | 33.93 0.11 0.00 | 39.10 0.19 0.00 | 41.42 0.25 -0.05 | 43.61 0.23 -0.21 | 40.58 0.07 0.00 | 33.60 0.14 0.00 | 29.85 0.06 0.00 |

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|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|
| GOUDEY___7 23579 | 28.22 0.00 0.00 | 25.35 -0.01 0.00 | 25.05 -0.01 0.00 | 24.79 0.06 0.00 | 24.68 0.01 0.00 | 25.09 0.05 0.00 | 27.99 0.27 0.00 | 35.33 0.37 0.00 | 25.42 0.21 0.00 | 24.20 0.17 0.00 | 23.42 0.15 0.00 | 22.98 0.23 0.00 | 25.89 0.16 0.00 | 25.43 0.15 0.00 | 24.66 0.05 0.00 | 24.23 -0.05 0.00 | 25.10 -0.01 0.00 | 33.93 0.11 0.00 | 39.10 0.19 0.00 | 41.42 0.25 -0.05 | 43.61 0.23 -0.21 | 40.58 0.07 0.00 | 33.60 0.14 0.00 | 29.85 0.06 0.00 |
| GOUDEY___8 23580 | 28.22 0.00 0.00 | 25.35 -0.01 0.00 | 25.05 -0.01 0.00 | 24.79 0.06 0.00 | 24.68 0.01 0.00 | 25.09 0.05 0.00 | 27.99 0.27 0.00 | 35.33 0.37 0.00 | 25.42 0.21 0.00 | 24.20 0.17 0.00 | 23.42 0.15 0.00 | 22.98 0.23 0.00 | 25.89 0.16 0.00 | 25.43 0.15 0.00 | 24.66 0.05 0.00 | 24.23 -0.05 0.00 | 25.10 -0.01 0.00 | 33.93 0.11 0.00 | 39.10 0.19 0.00 | 41.42 0.25 -0.05 | 43.61 0.23 -0.21 | 40.58 0.07 0.00 | 33.60 0.14 0.00 | 29.85 0.06 0.00 |
| GOWANUS_GT1_1 24077 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_2 24078 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_3 24079 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_4 24080 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_5 24084 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_6 24111 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_7 24112 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT1_8 24113 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT2_1 24114 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT2_2 24115 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT2_3 24116 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT2_4 24117 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT2_5 24118 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |

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|------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| GOWANUS_GT2_6 24119 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT2_7 24120 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT2_8 24121 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_1 24122 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_2 24123 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_3 24124 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_4 24125 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_5 24126 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_6 24127 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_7 24128 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT3_8 24129 | 29.42 <u>1.20</u> 0.00 | 26.34 <u>0.98</u> -0.01 | 25.94 <u>0.88</u> 0.00 | 25.53 <u>0.79</u> 0.00 | 25.50 <u>0.83</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.30</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> -0.01 | 25.49 <u>1.45</u> 0.00 | 25.67 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.02 | 27.07 <u>1.79</u> -0.01 | 26.34 <u>1.73</u> 0.00 | 25.93 <u>1.65</u> 0.00 | 26.64 <u>1.52</u> 0.00 | 35.70 <u>1.88</u> 0.00 | 40.83 <u>1.92</u> 0.00 | 43.06 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT4_1 24130 | 29.42 <u>1.20</u> 0.00 | 26.32 <u>0.97</u> 0.00 | 25.94 <u>0.88</u> 0.00 | 25.52 <u>0.79</u> 0.00 | 25.48 <u>0.82</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.31</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> 0.00 | 25.49 <u>1.45</u> 0.00 | 25.66 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.01 | 27.07 <u>1.79</u> 0.00 | 26.33 <u>1.73</u> 0.00 | 25.92 <u>1.65</u> 0.00 | 26.62 <u>1.51</u> 0.00 | 35.69 <u>1.88</u> 0.00 | 40.82 <u>1.91</u> 0.00 | 43.07 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT4_2 24131 | 29.42 <u>1.20</u> 0.00 | 26.32 <u>0.97</u> 0.00 | 25.94 <u>0.88</u> 0.00 | 25.52 <u>0.79</u> 0.00 | 25.48 <u>0.82</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.31</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> 0.00 | 25.49 <u>1.45</u> 0.00 | 25.66 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.01 | 27.07 <u>1.79</u> 0.00 | 26.33 <u>1.73</u> 0.00 | 25.92 <u>1.65</u> 0.00 | 26.62 <u>1.51</u> 0.00 | 35.69 <u>1.88</u> 0.00 | 40.82 <u>1.91</u> 0.00 | 43.07 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT4_3 24132 | 29.42 <u>1.20</u> 0.00 | 26.32 <u>0.97</u> 0.00 | 25.94 <u>0.88</u> 0.00 | 25.52 <u>0.79</u> 0.00 | 25.48 <u>0.82</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.31</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> 0.00 | 25.49 <u>1.45</u> 0.00 | 25.66 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.01 | 27.07 <u>1.79</u> 0.00 | 26.33 <u>1.73</u> 0.00 | 25.92 <u>1.65</u> 0.00 | 26.62 <u>1.51</u> 0.00 | 35.69 <u>1.88</u> 0.00 | 40.82 <u>1.91</u> 0.00 | 43.07 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |
| GOWANUS_GT4_4 24133 | 29.42 <u>1.20</u> 0.00 | 26.32 <u>0.97</u> 0.00 | 25.94 <u>0.88</u> 0.00 | 25.52 <u>0.79</u> 0.00 | 25.48 <u>0.82</u> 0.00 | 26.07 <u>1.03</u> 0.00 | 29.03 <u>1.31</u> 0.00 | 36.75 <u>1.80</u> 0.00 | 26.59 <u>1.38</u> 0.00 | 25.49 <u>1.45</u> 0.00 | 25.66 <u>1.50</u> -0.90 | 26.02 <u>1.49</u> -1.79 | 27.43 <u>1.69</u> -0.01 | 27.07 <u>1.79</u> 0.00 | 26.33 <u>1.73</u> 0.00 | 25.92 <u>1.65</u> 0.00 | 26.62 <u>1.51</u> 0.00 | 35.69 <u>1.88</u> 0.00 | 40.82 <u>1.91</u> 0.00 | 43.07 <u>1.95</u> 0.00 | 45.70 <u>2.52</u> 0.00 | 43.03 <u>2.52</u> 0.00 | 35.74 <u>2.03</u> -0.25 | 31.52 <u>1.62</u> -0.12 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT4_6 24135 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT4_7 24136 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GOWANUS_GT4_8 24137 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GREATVRV_69_KV_BK1 356245 | 29.89 1.67 0.00 | 26.66 1.30 0.00 | 26.34 1.28 0.00 | 26.90 1.28 -0.90 | 26.80 1.29 -0.84 | 26.57 1.50 -0.03 | 29.67 1.88 -0.07 | 37.19 2.24 0.00 | 32.26 1.63 -5.42 | 44.82 1.78 -19.00 | 26.13 1.98 -0.89 | 26.29 1.76 -1.78 | 39.66 2.06 -11.87 | 63.48 2.18 -36.02 | 43.07 2.21 -16.26 | 38.89 2.08 -12.54 | 42.95 1.98 -15.86 | 49.43 2.52 -13.09 | 41.87 2.96 0.00 | 44.42 2.88 -0.42 | 49.23 3.48 -2.57 | 45.06 3.55 -1.00 | 38.16 3.01 -1.69 | 32.08 2.18 -0.12 |
| GREENBSH_115KV_TB3 55895 | 28.48 0.26 0.00 | 25.54 0.18 0.00 | 25.21 0.15 0.00 | 24.90 0.17 0.00 | 24.83 0.17 0.00 | 25.23 0.19 0.00 | 27.97 0.25 0.00 | 35.15 0.19 0.00 | 25.38 0.17 0.00 | 24.22 0.18 0.00 | 23.53 0.15 -0.11 | 23.13 0.16 -0.22 | 25.85 0.13 0.01 | 25.42 0.14 0.00 | 24.83 0.22 0.00 | 24.50 0.23 0.00 | 25.26 0.14 0.00 | 34.01 0.19 0.00 | 39.12 0.21 0.00 | 41.27 0.16 0.00 | 43.57 0.39 0.00 | 40.99 0.49 0.00 | 33.61 0.33 0.19 | 29.98 0.29 0.09 |
| GREENDGE_115KV_TB5 80291 | 28.31 0.09 0.00 | 25.48 0.13 0.00 | 25.19 0.13 0.00 | 24.90 0.17 0.00 | 24.81 0.14 0.00 | 25.23 0.19 0.00 | 27.94 0.22 0.00 | 35.28 0.32 0.00 | 25.29 0.09 0.00 | 23.93 -0.11 0.00 | 23.10 -0.16 0.00 | 22.70 -0.04 0.00 | 25.71 -0.02 0.00 | 25.25 -0.03 0.00 | 24.41 -0.19 0.00 | 23.99 -0.29 0.00 | 24.91 -0.20 0.00 | 33.85 0.03 0.00 | 39.11 0.20 0.00 | 41.54 0.39 -0.03 | 43.61 0.28 -0.15 | 40.73 0.22 0.00 | 33.80 0.34 0.00 | 30.02 0.23 0.00 |
| GREENIDGE___3 23582 | 28.31 0.09 0.00 | 25.48 0.13 0.00 | 25.19 0.13 0.00 | 24.90 0.17 0.00 | 24.81 0.14 0.00 | 25.23 0.19 0.00 | 27.94 0.22 0.00 | 35.28 0.32 0.00 | 25.29 0.09 0.00 | 23.93 -0.11 0.00 | 23.10 -0.16 0.00 | 22.70 -0.04 0.00 | 25.71 -0.02 0.00 | 25.25 -0.03 0.00 | 24.41 -0.19 0.00 | 23.99 -0.29 0.00 | 24.91 -0.20 0.00 | 33.85 0.03 0.00 | 39.11 0.20 0.00 | 41.54 0.39 -0.03 | 43.61 0.28 -0.15 | 40.73 0.22 0.00 | 33.80 0.34 0.00 | 30.02 0.23 0.00 |
| GREENIDGE___4 23583 | 28.31 0.09 0.00 | 25.48 0.13 0.00 | 25.20 0.13 0.00 | 24.90 0.17 0.00 | 24.81 0.14 0.00 | 25.23 0.19 0.00 | 27.94 0.22 0.00 | 35.28 0.32 0.00 | 25.30 0.09 0.00 | 23.93 -0.11 0.00 | 23.10 -0.17 0.00 | 22.70 -0.04 0.00 | 25.70 -0.03 0.00 | 25.25 -0.03 0.00 | 24.41 -0.19 0.00 | 23.99 -0.29 0.00 | 24.91 -0.20 0.00 | 33.85 0.03 0.00 | 39.11 0.20 0.00 | 41.54 0.39 -0.03 | 43.62 0.29 -0.15 | 40.72 0.22 0.00 | 33.80 0.34 0.00 | 30.02 0.23 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 29.04 0.82 0.00 | 25.92 0.57 0.00 | 25.57 0.51 0.00 | 24.89 0.49 0.33 | 24.87 0.52 0.31 | 25.74 0.71 0.01 | 28.60 0.91 0.03 | 35.99 1.04 0.00 | 24.00 0.80 2.01 | 17.99 1.00 7.05 | 25.56 1.40 -0.89 | 25.82 1.29 -1.78 | 38.99 1.45 -11.81 | 62.83 1.70 -35.85 | 42.47 1.68 -16.18 | 38.32 1.57 -12.48 | 42.20 1.30 -15.79 | 48.34 1.49 -13.03 | 40.68 1.77 0.00 | 43.16 1.63 -0.42 | 47.72 1.99 -2.56 | 43.78 2.27 -1.00 | 37.15 2.01 -1.68 | 31.32 1.42 -0.12 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| GRISSOM___SOLAR 323813 | 29.44 1.22 0.00 | 26.41 1.06 0.00 | 26.11 1.05 0.00 | 25.75 1.02 0.00 | 25.71 1.04 0.00 | 26.14 1.10 0.00 | 29.04 1.32 0.00 | 36.53 1.57 0.00 | 25.52 0.31 0.00 | 23.92 -0.12 0.00 | 23.06 -0.21 0.00 | 22.52 -0.22 0.00 | 25.47 -0.26 0.01 | 25.06 -0.22 0.00 | 24.42 -0.18 0.00 | 24.26 -0.02 0.00 | 25.57 0.46 0.00 | 34.89 1.08 0.00 | 40.74 1.83 0.00 | 43.27 2.16 0.00 | 45.49 2.31 0.00 | 42.58 2.08 0.00 | 35.00 1.69 0.15 | 31.13 1.41 0.07 |
| GROVEVILLE___HYD 323602 | 29.39 1.17 0.00 | 26.27 0.91 0.00 | 25.90 0.85 0.00 | 25.53 0.80 0.00 | 25.48 0.81 0.00 | 26.03 0.99 0.00 | 28.95 1.23 0.00 | 36.55 1.59 0.00 | 26.41 1.20 0.00 | 25.25 1.21 0.00 | 24.60 1.33 0.00 | 24.06 1.31 0.00 | 27.22 1.47 -0.01 | 26.89 1.61 0.00 | 26.18 1.57 0.00 | 25.77 1.49 0.00 | 26.57 1.46 0.00 | 35.69 1.87 0.00 | 40.93 2.01 0.00 | 43.13 2.02 0.00 | 45.59 2.41 0.00 | 42.85 2.35 0.00 | 35.48 1.83 -0.19 | 31.37 1.49 -0.09 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 29.82 -0.14 -1.74 | 26.52 -0.07 -1.23 | 25.29 -0.08 -0.31 | 24.74 -0.05 -0.06 | 25.18 -0.06 -0.57 | 28.58 -0.06 -3.59 | 36.39 -0.13 -8.80 | 35.34 -0.09 -0.48 | 25.06 -0.15 0.00 | 23.84 -0.20 0.00 | 23.12 -0.15 0.00 | 22.72 -0.09 -0.06 | 25.71 -0.08 -0.06 | 25.20 -0.08 0.00 | 24.47 -0.14 0.00 | 24.14 -0.13 0.00 | 25.04 -0.07 0.00 | 33.86 0.05 0.00 | 39.10 0.19 0.00 | 41.41 0.18 -0.12 | 43.86 0.17 -0.52 | 40.54 0.03 0.00 | 33.52 0.06 0.00 | 29.77 -0.01 0.00 |

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|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| HAMPSHIRE___PAPER_HYD 323593 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.82 0.89 -99.89 | 273.12 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.55 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 30.59 0.70 -1.66 | 27.08 0.55 -1.18 | 25.86 0.51 -0.30 | 25.36 0.57 -0.06 | 25.75 0.54 -0.54 | 29.11 0.63 -3.43 | 37.02 0.91 -8.40 | 36.37 0.95 -0.46 | 25.48 0.28 0.00 | 24.07 0.03 0.00 | 23.17 -0.10 0.00 | 22.73 -0.08 -0.06 | 25.63 -0.15 -0.06 | 25.14 -0.14 0.00 | 24.57 -0.03 0.00 | 24.28 0.01 0.00 | 25.35 0.24 0.00 | 34.45 0.63 0.00 | 39.78 0.87 0.00 | 42.04 0.93 0.00 | 44.28 1.10 0.00 | 41.75 1.24 0.00 | 34.47 1.01 0.00 | 30.54 0.76 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 29.21 0.99 0.00 | 26.12 0.76 0.00 | 25.74 0.68 0.00 | 25.37 0.64 0.00 | 25.33 0.67 0.00 | 25.89 0.85 0.00 | 28.79 1.07 0.00 | 36.40 1.44 0.00 | 26.32 1.11 0.00 | 25.16 1.12 0.00 | 23.54 1.17 0.89 | 22.12 1.15 1.77 | 27.09 1.34 -0.01 | 26.77 1.49 0.00 | 26.09 1.49 0.00 | 25.69 1.42 0.00 | 26.48 1.36 0.00 | 35.53 1.71 0.00 | 40.79 1.87 0.00 | 42.98 1.87 0.00 | 45.40 2.22 0.00 | 42.65 2.14 0.00 | 35.35 1.67 -0.22 | 31.23 1.35 -0.10 |
| HARSNRAD_115KV_TB1 81005 | 27.80 -0.42 0.00 | 25.28 -0.07 0.00 | 25.12 0.06 0.00 | 24.74 0.01 0.00 | 24.63 -0.04 0.00 | 24.86 -0.18 0.00 | 27.11 -0.61 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.80 -0.24 0.00 | 23.12 -0.14 0.00 | 22.84 0.10 0.00 | 25.88 0.15 0.00 | 25.09 -0.18 0.00 | 24.05 -0.55 0.00 | 23.65 -0.62 0.00 | 24.52 -0.59 0.00 | 33.10 -0.72 0.00 | 38.27 -0.64 0.00 | 40.22 -0.89 0.00 | 42.29 -0.89 0.00 | 39.43 -1.08 0.00 | 33.02 -0.44 0.00 | 29.57 -0.21 0.00 |
| HARZA MOOSE___RIVER 24016 | 42.82 0.98 -13.61 | 35.85 0.85 -9.64 | 28.28 0.80 -2.42 | 26.05 0.81 -0.51 | 29.95 0.83 -4.46 | 54.05 0.91 -28.10 | 97.54 1.09 -68.73 | 40.01 1.28 -3.78 | 25.83 0.63 0.00 | 24.42 0.39 0.00 | 23.57 0.30 0.00 | 23.50 0.27 -0.48 | 26.35 0.17 -0.45 | 25.30 0.03 0.00 | 24.65 0.04 0.00 | 24.40 0.13 0.00 | 25.42 0.31 0.00 | 34.43 0.61 0.00 | 40.07 1.16 0.00 | 42.55 1.41 -0.03 | 44.91 1.60 -0.14 | 42.23 1.72 0.00 | 34.73 1.27 0.00 | 30.86 1.08 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 29.97 -0.47 -2.22 | 26.53 -0.40 -1.57 | 25.05 -0.40 -0.39 | 24.43 -0.38 -0.08 | 25.01 -0.39 -0.73 | 29.23 -0.40 -4.59 | 38.41 -0.53 -11.22 | 34.94 -0.63 -0.62 | 24.71 -0.50 0.00 | 23.53 -0.51 0.00 | 22.79 -0.47 0.00 | 22.40 -0.43 -0.08 | 25.32 -0.48 -0.07 | 24.81 -0.47 0.00 | 24.08 -0.52 0.00 | 23.76 -0.51 0.00 | 24.64 -0.48 0.00 | 33.26 -0.56 0.00 | 38.34 -0.57 0.00 | 40.58 -0.60 -0.06 | 42.81 -0.63 -0.27 | 39.83 -0.67 0.00 | 32.94 -0.52 0.00 | 29.30 -0.48 0.00 |
| HELLGATE_13_KV_LD 55870 | 29.50 1.28 0.00 | 26.44 1.08 0.00 | 26.08 1.02 0.00 | 25.67 0.94 0.00 | 25.63 0.97 0.00 | 26.21 1.17 0.00 | 29.16 1.44 0.00 | 36.94 1.98 0.00 | 26.79 1.58 0.00 | 25.71 1.67 0.00 | 25.86 1.70 -0.90 | 26.21 1.68 -1.79 | 27.62 1.88 -0.01 | 27.27 1.99 0.00 | 26.54 1.93 0.00 | 26.12 1.85 0.00 | 26.82 1.71 0.00 | 35.89 2.08 0.00 | 41.01 2.10 0.00 | 43.24 2.12 0.00 | 45.90 2.72 0.00 | 43.25 2.75 0.00 | 35.92 2.21 -0.25 | 31.66 1.76 -0.12 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 29.50 1.28 0.00 | 26.44 1.08 0.00 | 26.08 1.02 0.00 | 25.67 0.94 0.00 | 25.63 0.97 0.00 | 26.21 1.17 0.00 | 29.16 1.44 0.00 | 36.94 1.98 0.00 | 26.79 1.58 0.00 | 25.71 1.67 0.00 | 25.86 1.70 -0.90 | 26.21 1.68 -1.79 | 27.62 1.88 -0.01 | 27.27 1.99 0.00 | 26.54 1.93 0.00 | 26.12 1.85 0.00 | 26.82 1.71 0.00 | 35.89 2.08 0.00 | 41.01 2.10 0.00 | 43.24 2.12 0.00 | 45.90 2.72 0.00 | 43.25 2.75 0.00 | 35.92 2.21 -0.25 | 31.66 1.76 -0.12 |
| HEMPSTEAD____ 23647 | 29.27 1.05 0.00 | 26.13 0.77 0.00 | 25.77 0.71 0.00 | 25.42 0.69 0.00 | 25.39 0.72 0.00 | 25.96 0.91 0.00 | 28.90 1.18 0.00 | 36.40 1.45 0.00 | 26.32 1.11 0.00 | 25.28 1.24 0.00 | 25.58 1.42 -0.89 | 25.88 1.35 -1.79 | 44.50 1.53 -17.24 | 79.32 1.74 -52.30 | 49.89 1.66 -23.62 | 44.05 1.56 -18.22 | 49.50 1.42 -22.97 | 54.49 1.72 -18.94 | 40.79 1.87 0.00 | 43.52 1.80 -0.61 | 49.17 2.27 -3.72 | 44.37 2.40 -1.46 | 37.83 2.03 -2.34 | 31.41 1.51 -0.12 |
| HICKLING___1 23621 | 28.36 0.15 0.00 | 25.52 0.17 0.00 | 25.21 0.15 0.00 | 24.98 0.25 0.00 | 24.86 0.19 0.00 | 25.28 0.24 0.00 | 28.02 0.30 0.00 | 35.37 0.42 0.00 | 25.38 0.17 0.00 | 24.10 0.06 0.00 | 23.32 0.06 0.00 | 23.00 0.25 0.00 | 26.04 0.31 0.00 | 25.59 0.31 0.00 | 24.69 0.08 0.00 | 24.20 -0.07 0.00 | 25.09 -0.02 0.00 | 34.13 0.31 0.00 | 39.49 0.58 0.00 | 41.91 0.76 -0.03 | 43.97 0.64 -0.16 | 40.83 0.32 0.00 | 33.90 0.44 0.00 | 30.12 0.34 0.00 |
| HICKLING___2 23622 | 28.36 0.15 0.00 | 25.52 0.17 0.00 | 25.21 0.15 0.00 | 24.98 0.25 0.00 | 24.86 0.19 0.00 | 25.28 0.24 0.00 | 28.02 0.30 0.00 | 35.37 0.42 0.00 | 25.38 0.17 0.00 | 24.10 0.06 0.00 | 23.32 0.06 0.00 | 23.00 0.25 0.00 | 26.04 0.31 0.00 | 25.59 0.31 0.00 | 24.69 0.08 0.00 | 24.20 -0.07 0.00 | 25.09 -0.02 0.00 | 34.13 0.31 0.00 | 39.49 0.58 0.00 | 41.91 0.76 -0.03 | 43.97 0.64 -0.16 | 40.83 0.32 0.00 | 33.90 0.44 0.00 | 30.12 0.34 0.00 |
| HIGH FALLS___HY 23754 | 29.29 1.07 0.00 | 26.17 0.82 0.00 | 25.81 0.75 0.00 | 25.44 0.70 0.00 | 25.39 0.72 0.00 | 25.94 0.89 0.00 | 28.86 1.15 0.00 | 36.49 1.54 0.00 | 26.39 1.18 0.00 | 25.18 1.14 0.00 | 24.39 1.13 0.00 | 23.83 1.09 0.00 | 26.90 1.16 -0.01 | 26.56 1.28 0.00 | 25.79 1.18 0.00 | 25.42 1.15 0.00 | 26.24 1.12 0.00 | 35.33 1.52 0.00 | 40.64 1.73 0.00 | 42.90 1.79 0.00 | 45.38 2.20 0.00 | 42.87 2.36 0.00 | 35.41 1.82 -0.12 | 31.30 1.46 -0.06 |
| HIGH_RIVER___SOLAR 323847 | 29.15 0.93 0.00 | 26.14 0.79 0.00 | 25.84 0.78 0.00 | 25.50 0.77 0.00 | 25.45 0.78 0.00 | 25.87 0.82 0.00 | 28.69 0.97 0.00 | 36.11 1.15 0.00 | 25.60 0.39 0.00 | 24.09 0.05 0.00 | 23.22 -0.05 0.00 | 22.69 -0.06 0.00 | 25.62 -0.10 0.01 | 25.22 -0.06 0.00 | 24.59 -0.01 0.00 | 24.30 0.03 0.00 | 25.40 0.29 0.00 | 34.69 0.87 0.00 | 40.14 1.23 0.00 | 42.49 1.37 0.00 | 44.74 1.56 0.00 | 41.97 1.46 0.00 | 34.46 1.16 0.16 | 30.69 0.99 0.07 |
| HILLBURN___GT 23639 | 29.15 0.93 0.00 | 26.06 0.70 0.00 | 25.68 0.62 0.00 | 25.31 0.58 0.00 | 25.28 0.61 0.00 | 25.84 0.80 0.00 | 28.76 1.04 0.00 | 36.38 1.43 0.00 | 26.32 1.11 0.00 | 25.19 1.15 0.00 | 23.44 1.21 1.03 | 21.89 1.19 2.05 | 27.13 1.39 -0.01 | 26.83 1.55 0.00 | 26.12 1.52 0.00 | 25.68 1.41 0.00 | 26.44 1.33 0.00 | 35.46 1.64 0.00 | 40.67 1.76 0.00 | 42.86 1.75 0.00 | 45.29 2.12 0.00 | 42.58 2.07 0.00 | 35.32 1.64 -0.22 | 31.19 1.31 -0.10 |
| HILLSIDE_115KV_TB1 80332 | 27.84 -0.38 0.00 | 25.00 -0.36 0.00 | 24.69 -0.37 0.00 | 24.49 -0.24 0.00 | 24.35 -0.32 0.00 | 24.76 -0.28 0.00 | 27.44 -0.28 0.00 | 34.66 -0.30 0.00 | 24.95 -0.26 0.00 | 23.79 -0.25 0.00 | 23.01 -0.26 0.00 | 22.68 -0.06 0.00 | 25.64 -0.10 0.00 | 25.23 -0.05 0.00 | 24.39 -0.22 0.00 | 23.87 -0.40 0.00 | 24.74 -0.37 0.00 | 33.55 -0.27 0.00 | 38.65 -0.26 0.00 | 41.01 -0.15 -0.04 | 43.08 -0.27 -0.17 | 40.01 -0.50 0.00 | 33.21 -0.25 0.00 | 29.49 -0.29 0.00 |

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| HISHELDN_WT_PWR 323625 | 27.97 -0.25 0.00 | 25.34 -0.02 0.00 | 25.13 0.07 0.00 | 24.79 0.06 0.00 | 24.68 0.01 0.00 | 24.97 -0.07 0.00 | 27.40 -0.32 0.00 | 34.60 -0.36 0.00 | 24.96 -0.24 0.00 | 23.80 -0.24 0.00 | 23.10 -0.16 0.00 | 22.81 0.07 0.00 | 25.85 0.12 0.00 | 25.19 -0.09 0.00 | 24.16 -0.44 0.00 | 23.72 -0.55 0.00 | 24.58 -0.53 0.00 | 33.33 -0.49 0.00 | 38.62 -0.29 0.00 | 40.79 -0.32 0.00 | 42.81 -0.37 0.00 | 39.87 -0.64 0.00 | 33.31 -0.15 0.00 | 29.77 -0.01 0.00 |
| HOLTSVILLE_IC_1 23690 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| HOLTSVILLE_IC_10 23699 | 29.63 1.41 0.00 | 26.45 1.10 0.00 | 26.17 1.11 0.00 | 27.45 1.14 -1.58 | 27.32 1.17 -1.49 | 26.42 1.33 -0.05 | 29.52 1.68 -0.12 | 36.96 2.00 0.00 | 36.21 1.44 -9.56 | 59.16 1.62 -33.50 | 26.01 1.85 -0.89 | 26.11 1.58 -1.78 | 39.14 1.80 -11.61 | 62.33 1.82 -35.23 | 42.42 1.91 -15.90 | 38.26 1.73 -12.26 | 42.22 1.60 -15.51 | 48.63 2.00 -12.81 | 41.28 2.36 0.00 | 43.77 2.24 -0.41 | 48.60 2.91 -2.52 | 44.55 3.06 -0.98 | 37.79 2.67 -1.66 | 31.75 1.85 -0.12 |
| HOLTSVILLE_IC_2 23691 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| HOLTSVILLE_IC_3 23692 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| HOLTSVILLE_IC_4 23693 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| HOLTSVILLE_IC_5 23694 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| HOLTSVILLE_IC_6 23695 | 29.63 1.41 0.00 | 26.45 1.10 0.00 | 26.17 1.11 0.00 | 27.45 1.14 -1.58 | 27.32 1.17 -1.49 | 26.42 1.33 -0.05 | 29.52 1.68 -0.12 | 36.96 2.00 0.00 | 36.21 1.44 -9.56 | 59.16 1.62 -33.50 | 26.01 1.85 -0.89 | 26.11 1.58 -1.78 | 39.14 1.80 -11.61 | 62.33 1.82 -35.23 | 42.42 1.91 -15.90 | 38.26 1.73 -12.26 | 42.22 1.60 -15.51 | 48.63 2.00 -12.81 | 41.28 2.36 0.00 | 43.77 2.24 -0.41 | 48.60 2.91 -2.52 | 44.55 3.06 -0.98 | 37.79 2.67 -1.66 | 31.75 1.85 -0.12 |
| HOLTSVILLE_IC_7 23696 | 29.63 1.41 0.00 | 26.45 1.10 0.00 | 26.17 1.11 0.00 | 27.45 1.14 -1.58 | 27.32 1.17 -1.49 | 26.42 1.33 -0.05 | 29.52 1.68 -0.12 | 36.96 2.00 0.00 | 36.21 1.44 -9.56 | 59.16 1.62 -33.50 | 26.01 1.85 -0.89 | 26.11 1.58 -1.78 | 39.14 1.80 -11.61 | 62.33 1.82 -35.23 | 42.42 1.91 -15.90 | 38.26 1.73 -12.26 | 42.22 1.60 -15.51 | 48.63 2.00 -12.81 | 41.28 2.36 0.00 | 43.77 2.24 -0.41 | 48.60 2.91 -2.52 | 44.55 3.06 -0.98 | 37.79 2.67 -1.66 | 31.75 1.85 -0.12 |
| HOLTSVILLE_IC_8 23697 | 29.63 1.41 0.00 | 26.45 1.10 0.00 | 26.17 1.11 0.00 | 27.45 1.14 -1.58 | 27.32 1.17 -1.49 | 26.42 1.33 -0.05 | 29.52 1.68 -0.12 | 36.96 2.00 0.00 | 36.21 1.44 -9.56 | 59.16 1.62 -33.50 | 26.01 1.85 -0.89 | 26.11 1.58 -1.78 | 39.14 1.80 -11.61 | 62.33 1.82 -35.23 | 42.42 1.91 -15.90 | 38.26 1.73 -12.26 | 42.22 1.60 -15.51 | 48.63 2.00 -12.81 | 41.28 2.36 0.00 | 43.77 2.24 -0.41 | 48.60 2.91 -2.52 | 44.55 3.06 -0.98 | 37.79 2.67 -1.66 | 31.75 1.85 -0.12 |
| HOLTSVILLE_IC_9 23698 | 29.63 1.41 0.00 | 26.45 1.10 0.00 | 26.17 1.11 0.00 | 27.45 1.14 -1.58 | 27.32 1.17 -1.49 | 26.42 1.33 -0.05 | 29.52 1.68 -0.12 | 36.96 2.00 0.00 | 36.21 1.44 -9.56 | 59.16 1.62 -33.50 | 26.01 1.85 -0.89 | 26.11 1.58 -1.78 | 39.14 1.80 -11.61 | 62.33 1.82 -35.23 | 42.42 1.91 -15.90 | 38.26 1.73 -12.26 | 42.22 1.60 -15.51 | 48.63 2.00 -12.81 | 41.28 2.36 0.00 | 43.77 2.24 -0.41 | 48.60 2.91 -2.52 | 44.55 3.06 -0.98 | 37.79 2.67 -1.66 | 31.75 1.85 -0.12 |
| HOMER_HL_115KV_TB2 355744 | 27.89 -0.33 0.00 | 25.16 -0.20 0.00 | 24.93 -0.13 0.00 | 24.60 -0.13 0.00 | 24.54 -0.13 0.00 | 25.03 -0.01 0.00 | 27.74 0.02 0.00 | 35.20 0.25 0.00 | 25.42 0.21 0.00 | 24.28 0.24 0.00 | 23.58 0.32 0.00 | 23.27 0.53 0.00 | 26.26 0.52 0.00 | 25.62 0.34 0.00 | 24.54 -0.06 0.00 | 24.00 -0.28 0.00 | 24.74 -0.37 0.00 | 33.48 -0.34 0.00 | 38.75 -0.16 0.00 | 40.87 -0.25 0.00 | 42.86 -0.31 0.00 | 39.83 -0.67 0.00 | 33.27 -0.20 0.00 | 29.61 -0.17 0.00 |
| HOWARD_WT_PWR 323690 | 28.41 0.19 0.00 | 25.66 0.31 0.00 | 25.42 0.36 0.00 | 25.11 0.37 0.00 | 24.99 0.32 0.00 | 25.41 0.36 0.00 | 28.08 0.36 0.00 | 35.43 0.47 0.00 | 25.25 0.04 0.00 | 23.92 -0.12 0.00 | 23.15 -0.11 0.00 | 22.82 0.08 0.00 | 25.87 0.14 0.00 | 25.38 0.10 0.00 | 24.34 -0.26 0.00 | 23.87 -0.41 0.00 | 24.77 -0.34 0.00 | 33.77 -0.05 0.00 | 39.36 0.45 0.00 | 41.85 0.71 -0.02 | 43.71 0.43 -0.10 | 40.69 0.18 0.00 | 33.91 0.45 0.00 | 30.24 0.46 0.00 |
| HQ_GEN_CEDARS 23644 | 127.99 0.43 -99.34 | 96.20 0.45 -70.39 | 43.14 0.44 -17.64 | 28.87 0.40 -3.74 | 57.62 0.43 -32.53 | 230.49 0.41 -205.04 | 529.79 0.47 -501.61 | 63.07 0.55 -27.57 | 25.51 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.51 0.24 -3.52 | 29.31 0.32 -3.26 | 25.48 0.20 0.00 | 24.73 0.13 0.00 | 24.44 0.17 0.00 | 25.25 0.14 0.00 | 33.97 0.15 0.00 | 39.26 0.35 0.00 | 41.59 0.47 0.00 | 43.50 0.33 0.00 | 40.78 0.27 0.00 | 33.36 -0.10 0.00 | 30.03 0.25 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 127.99 0.43 -99.34 | 96.20 0.45 -70.39 | 43.14 0.44 -17.64 | 28.87 0.40 -3.74 | 57.62 0.43 -32.53 | 230.24 0.41 -204.79 | 529.79 0.47 -501.61 | 63.07 0.55 -27.57 | 25.51 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.51 0.24 -3.52 | 29.31 0.32 -3.26 | 28.75 0.20 -3.28 | 24.74 0.13 0.00 | 24.44 0.17 0.00 | 25.25 0.14 0.00 | 33.97 0.15 0.00 | 39.26 0.35 0.00 | 41.59 0.48 0.00 | 43.50 0.33 0.00 | 40.78 0.27 0.00 | 33.36 -0.10 0.00 | 30.03 0.25 0.00 |

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|-------------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HQ_GEN_IMPORT 323601 | 24.63 -0.01 3.59 | 22.84 0.03 2.54 | 24.32 0.03 0.76 | 24.59 0.01 0.15 | 23.35 0.02 1.33 | 17.46 0.00 7.58 | 9.62 0.00 18.10 | 33.96 0.00 0.99 | 25.25 0.04 0.00 | 24.10 0.06 0.00 | 23.31 0.05 0.00 | 22.63 0.01 0.13 | 25.67 0.05 0.12 | 25.29 0.01 0.00 | 24.59 -0.01 0.00 | 24.27 0.00 0.00 | 25.11 0.00 0.00 | 33.80 -0.01 0.00 | 38.91 0.00 0.00 | 41.17 0.05 0.00 | 43.06 -0.11 0.00 | 39.64 -0.16 0.71 | 33.32 -0.14 0.00 | 29.71 -0.07 0.00 |
| HQ_GEN_WHEEL 23651 | 24.63 -0.01 3.59 | 22.84 0.03 2.54 | 24.32 0.03 0.76 | 24.59 0.01 0.15 | 23.35 0.02 1.33 | 17.46 0.00 7.58 | 9.62 0.00 18.10 | 33.96 0.00 0.99 | 25.25 0.04 0.00 | 24.10 0.06 0.00 | 23.31 0.05 0.00 | 22.63 0.01 0.13 | 25.67 0.05 0.12 | 25.29 0.01 0.00 | 24.59 -0.01 0.00 | 24.27 0.00 0.00 | 25.11 0.00 0.00 | 33.80 -0.01 0.00 | 38.91 0.00 0.00 | 41.17 0.05 0.00 | 43.06 -0.11 0.00 | 39.64 -0.16 0.71 | 33.32 -0.14 0.00 | 29.71 -0.07 0.00 |
| HUDSON AVE_GT_3 23810 | 29.34 1.12 0.00 | 26.22 0.86 0.00 | 25.89 0.83 0.00 | 25.50 0.77 0.00 | 25.47 0.80 0.00 | 26.04 0.99 0.00 | 28.98 1.27 0.00 | 36.66 1.70 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.68 1.52 -0.90 | 26.04 1.51 -1.79 | 27.42 1.68 -0.01 | 27.06 1.78 0.00 | 26.36 1.76 0.00 | 25.95 1.68 0.00 | 26.66 1.55 0.00 | 35.73 1.91 0.00 | 40.83 1.92 0.00 | 43.03 1.92 0.00 | 45.61 2.43 0.00 | 42.95 2.44 0.00 | 35.68 1.97 -0.25 | 31.48 1.59 -0.12 |
| HUDSON AVE_GT_4 23540 | 29.34 1.12 0.00 | 26.22 0.86 0.00 | 25.89 0.83 0.00 | 25.50 0.77 0.00 | 25.47 0.80 0.00 | 26.04 0.99 0.00 | 28.98 1.27 0.00 | 36.66 1.70 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.68 1.52 -0.90 | 26.04 1.51 -1.79 | 27.42 1.68 -0.01 | 27.06 1.78 0.00 | 26.36 1.76 0.00 | 25.95 1.68 0.00 | 26.66 1.55 0.00 | 35.73 1.91 0.00 | 40.83 1.92 0.00 | 43.03 1.92 0.00 | 45.61 2.43 0.00 | 42.95 2.44 0.00 | 35.68 1.97 -0.25 | 31.48 1.59 -0.12 |
| HUDSON AVE_GT_5 23657 | 29.34 1.12 0.00 | 26.22 0.86 0.00 | 25.89 0.83 0.00 | 25.50 0.77 0.00 | 25.47 0.80 0.00 | 26.04 0.99 0.00 | 28.98 1.27 0.00 | 36.66 1.70 0.00 | 26.57 1.36 0.00 | 25.48 1.44 0.00 | 25.68 1.52 -0.90 | 26.04 1.51 -1.79 | 27.42 1.68 -0.01 | 27.06 1.78 0.00 | 26.36 1.76 0.00 | 25.95 1.68 0.00 | 26.66 1.55 0.00 | 35.73 1.91 0.00 | 40.83 1.92 0.00 | 43.03 1.92 0.00 | 45.61 2.43 0.00 | 42.95 2.44 0.00 | 35.68 1.97 -0.25 | 31.48 1.59 -0.12 |
| HUDSON_AVE_10 24168 | 29.21 0.99 0.00 | 26.13 0.78 0.00 | 25.81 0.75 0.00 | 25.43 0.70 0.00 | 25.40 0.73 0.00 | 25.96 0.92 0.00 | 28.87 1.15 0.00 | 36.49 1.54 0.00 | 26.47 1.26 0.00 | 25.39 1.35 0.00 | 25.60 1.43 -0.90 | 25.95 1.42 -1.79 | 27.30 1.55 -0.01 | 26.93 1.65 0.00 | 26.27 1.66 0.00 | 25.86 1.58 0.00 | 26.55 1.44 0.00 | 35.56 1.74 0.00 | 40.62 1.71 0.00 | 42.79 1.68 0.00 | 45.37 2.20 0.00 | 42.75 2.24 0.00 | 35.53 1.82 -0.25 | 31.35 1.45 -0.12 |
| HUDSON___115KV_TB 4 355613 | 29.00 0.78 0.00 | 26.01 0.65 0.00 | 25.67 0.61 0.00 | 25.35 0.63 0.00 | 25.29 0.62 0.00 | 25.72 0.68 0.00 | 28.56 0.84 0.00 | 35.92 0.96 0.00 | 25.76 0.56 0.00 | 24.41 0.37 0.00 | 23.56 0.29 0.00 | 23.04 0.29 0.00 | 26.01 0.29 0.01 | 25.57 0.29 0.00 | 24.97 0.37 0.00 | 24.67 0.40 0.00 | 25.48 0.37 0.00 | 34.49 0.67 0.00 | 39.99 1.08 0.00 | 42.33 1.21 0.00 | 44.62 1.45 0.00 | 41.92 1.41 0.00 | 34.39 1.05 0.13 | 30.60 0.87 0.06 |
| HUNTER MOUNT___DRP 323613 | 29.10 0.87 0.00 | 26.10 0.74 0.00 | 25.76 0.70 0.00 | 25.45 0.72 0.00 | 25.37 0.70 0.00 | 25.81 0.76 0.00 | 28.68 0.96 0.00 | 36.08 1.12 0.00 | 25.86 0.65 0.00 | 24.45 0.41 0.00 | 23.57 0.30 0.00 | 23.04 0.30 0.00 | 26.02 0.29 0.00 | 25.57 0.29 0.00 | 24.99 0.38 0.00 | 24.68 0.41 0.00 | 25.53 0.42 0.00 | 34.60 0.77 0.00 | 40.20 1.29 0.00 | 42.52 1.41 0.00 | 44.81 1.63 0.00 | 42.05 1.55 0.00 | 34.55 1.16 0.08 | 30.70 0.96 0.04 |
| HUNTINGTON_RES_REC 323705 | 29.26 1.04 0.00 | 26.11 0.76 0.00 | 25.78 0.72 0.00 | 24.35 0.72 1.10 | 24.38 0.75 1.03 | 25.95 0.93 0.03 | 28.84 1.21 0.08 | 36.35 1.39 0.00 | 19.60 1.04 6.65 | 1.95 1.23 23.31 | 25.72 1.56 -0.89 | 25.90 1.37 -1.78 | 38.93 1.54 -11.66 | 62.36 1.71 -35.38 | 42.32 1.75 -15.97 | 38.23 1.64 -12.31 | 42.12 1.43 -15.58 | 48.40 1.73 -12.86 | 40.98 2.06 0.00 | 43.46 1.93 -0.41 | 48.09 2.39 -2.53 | 44.12 2.63 -0.99 | 37.41 2.29 -1.66 | 31.48 1.59 -0.12 |
| HUNTLEY___63 23557 | 28.02 -0.20 0.00 | 25.45 0.10 0.00 | 25.26 0.20 0.00 | 24.87 0.14 0.00 | 24.77 0.10 0.00 | 25.00 -0.04 0.00 | 27.30 -0.42 0.00 | 34.50 -0.46 0.00 | 25.09 -0.12 0.00 | 24.03 -0.01 0.00 | 23.36 0.10 0.00 | 23.09 0.34 0.00 | 26.18 0.45 0.00 | 25.40 0.12 0.00 | 24.34 -0.27 0.00 | 23.93 -0.34 0.00 | 24.80 -0.31 0.00 | 33.51 -0.31 0.00 | 38.76 -0.15 0.00 | 40.71 -0.40 0.00 | 42.78 -0.39 0.00 | 39.83 -0.68 0.00 | 33.38 -0.08 0.00 | 29.90 0.11 0.00 |
| HUNTLEY___64 23558 | 28.02 -0.20 0.00 | 25.45 0.10 0.00 | 25.26 0.20 0.00 | 24.87 0.14 0.00 | 24.77 0.10 0.00 | 25.00 -0.04 0.00 | 27.30 -0.42 0.00 | 34.50 -0.46 0.00 | 25.09 -0.12 0.00 | 24.03 -0.01 0.00 | 23.36 0.10 0.00 | 23.09 0.34 0.00 | 26.18 0.45 0.00 | 25.40 0.12 0.00 | 24.34 -0.27 0.00 | 23.93 -0.34 0.00 | 24.80 -0.31 0.00 | 33.51 -0.31 0.00 | 38.76 -0.15 0.00 | 40.71 -0.40 0.00 | 42.78 -0.39 0.00 | 39.83 -0.68 0.00 | 33.38 -0.08 0.00 | 29.90 0.11 0.00 |
| HUNTLEY___65 23559 | 28.02 -0.20 0.00 | 25.45 0.10 0.00 | 25.26 0.20 0.00 | 24.87 0.14 0.00 | 24.77 0.10 0.00 | 25.00 -0.04 0.00 | 27.30 -0.42 0.00 | 34.50 -0.46 0.00 | 25.09 -0.12 0.00 | 24.03 -0.01 0.00 | 23.36 0.10 0.00 | 23.09 0.34 0.00 | 26.18 0.45 0.00 | 25.40 0.12 0.00 | 24.34 -0.27 0.00 | 23.93 -0.34 0.00 | 24.80 -0.31 0.00 | 33.51 -0.31 0.00 | 38.76 -0.15 0.00 | 40.71 -0.40 0.00 | 42.78 -0.39 0.00 | 39.83 -0.68 0.00 | 33.38 -0.08 0.00 | 29.90 0.11 0.00 |
| HUNTLEY___66 23560 | 28.02 -0.20 0.00 | 25.45 0.10 0.00 | 25.26 0.20 0.00 | 24.87 0.14 0.00 | 24.77 0.10 0.00 | 25.00 -0.04 0.00 | 27.30 -0.42 0.00 | 34.50 -0.46 0.00 | 25.09 -0.12 0.00 | 24.03 -0.01 0.00 | 23.36 0.10 0.00 | 23.09 0.34 0.00 | 26.18 0.45 0.00 | 25.40 0.12 0.00 | 24.34 -0.27 0.00 | 23.93 -0.34 0.00 | 24.80 -0.31 0.00 | 33.51 -0.31 0.00 | 38.76 -0.15 0.00 | 40.71 -0.40 0.00 | 42.78 -0.39 0.00 | 39.83 -0.68 0.00 | 33.38 -0.08 0.00 | 29.90 0.11 0.00 |
| HUNTLEY___67 23561 | 27.79 -0.43 0.00 | 25.24 -0.11 0.00 | 25.06 0.00 0.00 | 24.70 -0.03 0.00 | 24.59 -0.08 0.00 | 24.82 -0.22 0.00 | 27.10 -0.62 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.84 -0.20 0.00 | 23.18 -0.09 0.00 | 22.90 0.15 0.00 | 25.95 0.22 0.00 | 25.17 -0.11 0.00 | 24.12 -0.49 0.00 | 23.71 -0.56 0.00 | 24.58 -0.53 0.00 | 33.22 -0.60 0.00 | 38.37 -0.54 0.00 | 40.37 -0.74 0.00 | 42.38 -0.80 0.00 | 39.47 -1.04 0.00 | 33.07 -0.39 0.00 | 29.60 -0.18 0.00 |
| HUNTLEY___68 23562 | 27.79 -0.43 0.00 | 25.24 -0.11 0.00 | 25.06 0.00 0.00 | 24.70 -0.03 0.00 | 24.59 -0.08 0.00 | 24.82 -0.22 0.00 | 27.10 -0.62 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.84 -0.20 0.00 | 23.18 -0.09 0.00 | 22.90 0.15 0.00 | 25.95 0.22 0.00 | 25.17 -0.11 0.00 | 24.12 -0.49 0.00 | 23.71 -0.56 0.00 | 24.58 -0.53 0.00 | 33.22 -0.60 0.00 | 38.37 -0.54 0.00 | 40.37 -0.74 0.00 | 42.38 -0.80 0.00 | 39.47 -1.04 0.00 | 33.07 -0.39 0.00 | 29.60 -0.18 0.00 |

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| HYLAND___LFGE 323620 | 29.36 1.14 0.00 | 26.49 1.13 0.00 | 26.20 1.14 0.00 | 25.85 1.12 0.00 | 25.79 1.12 0.00 | 26.23 1.18 0.00 | 29.11 1.39 0.00 | 36.81 1.85 0.00 | 25.96 0.75 0.00 | 24.26 0.22 0.00 | 23.51 0.24 0.00 | 23.13 0.39 0.00 | 26.24 0.50 0.00 | 25.84 0.56 0.00 | 24.88 0.28 0.00 | 24.38 0.11 0.00 | 25.29 0.18 0.00 | 34.38 0.56 0.00 | 40.75 1.84 0.00 | 43.61 2.49 0.00 | 45.83 2.66 0.00 | 42.59 2.08 0.00 | 35.29 1.83 0.00 | 31.31 1.53 0.00 |
| INDECK___CORINTH 23802 | 30.45 2.23 0.00 | 27.20 1.85 0.00 | 26.80 1.73 0.00 | 26.54 1.81 0.00 | 26.47 1.80 0.00 | 27.01 1.96 0.00 | 30.01 2.29 0.00 | 37.79 2.83 0.00 | 26.94 1.73 0.00 | 25.49 1.45 0.00 | 24.48 1.21 0.00 | 23.87 1.13 0.00 | 26.90 1.19 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.04 1.92 0.00 | 36.66 2.84 0.00 | 42.21 3.30 0.00 | 44.60 3.49 0.00 | 47.19 4.01 0.00 | 44.29 3.78 0.00 | 36.14 2.93 0.25 | 32.29 2.62 0.12 |
| INDECK___ILION 23567 | 30.34 0.46 -1.66 | 26.89 0.35 -1.18 | 25.68 0.33 -0.30 | 25.15 0.36 -0.06 | 25.56 0.34 -0.54 | 28.88 0.40 -3.43 | 36.68 0.56 -8.40 | 36.03 0.61 -0.46 | 25.41 0.20 0.00 | 24.10 0.06 0.00 | 23.26 0.00 0.00 | 22.81 0.01 -0.06 | 25.76 -0.03 -0.06 | 25.26 -0.02 0.00 | 24.66 0.06 0.00 | 24.35 0.08 0.00 | 25.31 0.20 0.00 | 34.27 0.45 0.00 | 39.49 0.58 0.00 | 41.74 0.62 0.00 | 43.94 0.76 0.00 | 41.35 0.84 0.00 | 34.11 0.65 0.00 | 30.28 0.50 0.00 |
| INDECK___OLEAN 23982 | 27.89 -0.33 0.00 | 25.16 -0.20 0.00 | 24.93 -0.13 0.00 | 24.60 -0.13 0.00 | 24.54 -0.13 0.00 | 25.03 -0.01 0.00 | 27.73 0.01 0.00 | 35.20 0.25 0.00 | 25.42 0.21 0.00 | 24.28 0.24 0.00 | 23.58 0.32 0.00 | 23.27 0.53 0.00 | 26.25 0.52 0.00 | 25.62 0.34 0.00 | 24.54 -0.06 0.00 | 24.00 -0.28 0.00 | 24.74 -0.38 0.00 | 33.47 -0.34 0.00 | 38.72 -0.19 0.00 | 40.87 -0.25 0.00 | 42.88 -0.30 0.00 | 39.83 -0.68 0.00 | 33.26 -0.20 0.00 | 29.61 -0.17 0.00 |
| INDECK___OSWEGO 23783 | 30.80 -0.67 -3.25 | 27.08 -0.57 -2.30 | 25.07 -0.56 -0.57 | 24.30 -0.55 -0.12 | 25.17 -0.56 -1.06 | 31.18 -0.57 -6.70 | 43.41 -0.72 -16.40 | 34.98 -0.88 -0.90 | 24.50 -0.71 0.00 | 23.30 -0.74 0.00 | 22.55 -0.72 0.00 | 22.19 -0.68 -0.11 | 25.04 -0.80 -0.11 | 24.47 -0.81 0.00 | 23.79 -0.82 0.00 | 23.47 -0.80 0.00 | 24.33 -0.79 0.00 | 32.82 -1.00 0.00 | 37.88 -1.03 0.00 | 40.41 -1.02 -0.32 | 43.53 -1.04 -1.39 | 39.53 -0.98 0.00 | 32.69 -0.78 0.00 | 29.07 -0.72 0.00 |
| INDECK___YERKES 23781 | 28.04 -0.18 0.00 | 25.48 0.12 0.00 | 25.29 0.23 0.00 | 24.90 0.17 0.00 | 24.79 0.13 0.00 | 25.03 -0.01 0.00 | 27.33 -0.39 0.00 | 34.53 -0.42 0.00 | 25.12 -0.09 0.00 | 24.05 0.01 0.00 | 23.39 0.13 0.00 | 23.12 0.38 0.00 | 26.21 0.48 0.00 | 25.42 0.15 0.00 | 24.37 -0.23 0.00 | 23.96 -0.31 0.00 | 24.83 -0.28 0.00 | 33.56 -0.26 0.00 | 38.78 -0.13 0.00 | 40.78 -0.34 0.00 | 42.87 -0.31 0.00 | 39.88 -0.63 0.00 | 33.42 -0.04 0.00 | 29.93 0.15 0.00 |
| INDIAN POINT_GT_1 24139 | 29.13 0.91 0.00 | 26.04 0.68 0.00 | 25.68 0.62 0.00 | 25.30 0.57 0.00 | 25.27 0.60 0.00 | 25.83 0.79 0.00 | 28.73 1.01 0.00 | 36.34 1.38 0.00 | 26.29 1.08 0.00 | 25.17 1.13 0.00 | 25.55 1.19 -1.09 | 26.08 1.17 -2.17 | 27.08 1.33 -0.01 | 26.75 1.48 0.00 | 26.05 1.44 0.00 | 25.63 1.36 0.00 | 26.38 1.26 0.00 | 35.37 1.55 0.00 | 40.53 1.62 0.00 | 42.73 1.61 0.00 | 45.19 2.01 0.00 | 42.52 2.02 0.00 | 35.30 1.60 -0.24 | 31.18 1.28 -0.11 |
| INDIAN POINT_GT_2 23659 | 29.13 0.91 0.00 | 26.04 0.68 0.00 | 25.68 0.62 0.00 | 25.30 0.57 0.00 | 25.27 0.60 0.00 | 25.83 0.79 0.00 | 28.73 1.01 0.00 | 36.34 1.38 0.00 | 26.29 1.08 0.00 | 25.17 1.13 0.00 | 25.55 1.19 -1.09 | 26.08 1.17 -2.17 | 27.08 1.33 -0.01 | 26.75 1.48 0.00 | 26.05 1.44 0.00 | 25.63 1.36 0.00 | 26.38 1.26 0.00 | 35.37 1.55 0.00 | 40.53 1.62 0.00 | 42.73 1.61 0.00 | 45.19 2.01 0.00 | 42.52 2.02 0.00 | 35.30 1.60 -0.24 | 31.18 1.28 -0.11 |
| INDIAN POINT_GT_3 24019 | 29.13 0.91 0.00 | 26.04 0.68 0.00 | 25.68 0.62 0.00 | 25.30 0.57 0.00 | 25.27 0.60 0.00 | 25.83 0.79 0.00 | 28.73 1.01 0.00 | 36.34 1.38 0.00 | 26.29 1.08 0.00 | 25.17 1.13 0.00 | 25.55 1.19 -1.09 | 26.08 1.17 -2.17 | 27.08 1.33 -0.01 | 26.75 1.48 0.00 | 26.05 1.44 0.00 | 25.63 1.36 0.00 | 26.38 1.26 0.00 | 35.37 1.55 0.00 | 40.53 1.62 0.00 | 42.73 1.61 0.00 | 45.19 2.01 0.00 | 42.52 2.02 0.00 | 35.30 1.60 -0.24 | 31.18 1.28 -0.11 |
| INDIAN POINT___2 23530 | 29.11 0.89 0.00 | 26.02 0.66 0.00 | 25.66 0.60 0.00 | 25.29 0.56 0.00 | 25.26 0.59 0.00 | 25.80 0.76 0.00 | 28.71 0.99 0.00 | 36.31 1.35 0.00 | 26.27 1.06 0.00 | 25.15 1.11 0.00 | 25.77 1.16 -1.34 | 26.55 1.15 -2.65 | 27.06 1.32 -0.01 | 26.74 1.46 0.00 | 26.04 1.44 0.00 | 25.61 1.34 0.00 | 26.36 1.25 0.00 | 35.34 1.52 0.00 | 40.51 1.60 0.00 | 42.69 1.58 0.00 | 45.15 1.97 0.00 | 42.48 1.97 0.00 | 35.27 1.57 -0.23 | 31.15 1.26 -0.11 |
| INDIAN POINT___3 23531 | 29.12 0.90 0.00 | 26.03 0.67 0.00 | 25.67 0.61 0.00 | 25.30 0.57 0.00 | 25.26 0.60 0.00 | 25.82 0.77 0.00 | 28.71 0.99 0.00 | 36.31 1.36 0.00 | 26.28 1.07 0.00 | 25.16 1.12 0.00 | 25.54 1.18 -1.09 | 26.09 1.17 -2.17 | 27.07 1.32 -0.01 | 26.74 1.46 0.00 | 26.03 1.43 0.00 | 25.61 1.34 0.00 | 26.36 1.25 0.00 | 35.33 1.52 0.00 | 40.49 1.59 0.00 | 42.68 1.57 0.00 | 45.15 1.97 0.00 | 42.48 1.97 0.00 | 35.27 1.57 -0.24 | 31.15 1.26 -0.11 |
| INGHAM_C_115KV_TB7 356103 | 30.72 0.84 -1.66 | 27.18 0.64 -1.18 | 25.94 0.59 -0.30 | 25.45 0.66 -0.06 | 25.83 0.62 -0.54 | 29.23 0.75 -3.43 | 37.20 1.08 -8.40 | 36.53 1.11 -0.46 | 25.48 0.27 0.00 | 24.01 -0.03 0.00 | 23.07 -0.20 0.00 | 22.64 -0.16 -0.06 | 25.52 -0.27 -0.06 | 25.03 -0.25 0.00 | 24.49 -0.11 0.00 | 24.22 -0.05 0.00 | 25.35 0.23 0.00 | 34.54 0.72 0.00 | 39.92 1.01 0.00 | 42.28 1.16 0.00 | 44.58 1.40 0.00 | 42.04 1.53 0.00 | 34.64 1.17 0.00 | 30.67 0.89 0.00 |
| IP CORINTH___1 23988 | 30.45 2.23 0.00 | 27.20 1.85 0.00 | 26.80 1.74 0.00 | 26.54 1.81 0.00 | 26.47 1.80 0.00 | 27.01 1.96 0.00 | 30.01 2.29 0.00 | 37.79 2.83 0.00 | 26.94 1.73 0.00 | 25.49 1.45 0.00 | 24.48 1.22 0.00 | 23.87 1.13 0.00 | 26.90 1.18 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.04 1.92 0.00 | 36.66 2.84 0.00 | 42.21 3.30 0.00 | 44.60 3.49 0.00 | 47.19 4.01 0.00 | 44.29 3.78 0.00 | 36.14 2.93 0.25 | 32.29 2.62 0.12 |
| IP___TICONDEROGA 23804 | 31.75 3.53 0.00 | 28.30 2.94 0.00 | 27.70 2.64 0.00 | 27.52 2.79 0.00 | 27.40 2.73 0.00 | 28.03 2.99 0.00 | 31.31 3.59 0.00 | 39.36 4.41 0.00 | 27.85 2.64 0.00 | 26.39 2.35 0.00 | 25.17 1.90 0.00 | 24.53 1.79 0.00 | 27.56 1.84 0.02 | 27.15 1.87 0.00 | 26.68 2.08 0.00 | 26.47 2.20 0.00 | 28.19 3.08 0.00 | 38.05 4.23 0.00 | 43.74 4.83 0.00 | 46.68 5.56 0.00 | 49.90 6.73 0.00 | 46.96 6.45 0.00 | 38.26 5.06 0.25 | 34.13 4.47 0.12 |
| ISLIP_RES_REC 323679 | 29.75 1.53 0.00 | 26.55 1.20 0.00 | 26.26 1.20 0.00 | 27.40 1.23 -1.44 | 27.27 1.25 -1.36 | 26.52 1.43 -0.04 | 29.63 1.80 -0.11 | 37.12 2.16 0.00 | 35.47 1.56 -8.70 | 56.28 1.74 -30.50 | 26.12 1.96 -0.89 | 26.22 1.70 -1.78 | 39.33 1.94 -11.66 | 62.64 1.96 -35.40 | 42.64 2.06 -15.98 | 38.48 1.89 -12.32 | 42.47 1.77 -15.59 | 48.93 2.25 -12.87 | 41.56 2.65 0.00 | 44.06 2.54 -0.41 | 48.91 3.20 -2.53 | 44.80 3.30 -0.99 | 37.97 2.84 -1.66 | 31.89 2.00 -0.12 |

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|-----------------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| JAMAICA__27_KV_LOAD 355505 | 29.37 1.14 0.00 | 26.34 0.98 0.00 | 26.04 0.98 0.00 | 25.64 0.91 0.00 | 25.62 0.95 0.00 | 26.20 1.15 0.00 | 29.08 1.36 0.00 | 36.66 1.71 0.00 | 26.64 1.43 0.00 | 25.57 1.53 0.00 | 25.80 1.63 -0.90 | 26.13 1.60 -1.79 | 27.44 1.70 -0.01 | 27.09 1.80 0.00 | 26.44 1.84 0.00 | 26.03 1.76 0.00 | 26.71 1.60 0.00 | 35.71 1.89 0.00 | 40.80 1.89 0.00 | 42.96 1.85 0.00 | 45.56 2.39 0.00 | 42.91 2.41 0.00 | 35.71 2.00 -0.25 | 31.51 1.62 -0.12 |
| JANIS__SOLAR 323808 | 29.07 0.85 0.00 | 26.10 0.75 0.00 | 25.78 0.73 0.00 | 25.48 0.75 0.00 | 25.42 0.75 0.00 | 25.87 0.83 0.00 | 28.80 1.08 0.00 | 36.30 1.34 0.00 | 25.76 0.55 0.00 | 24.24 0.20 0.00 | 23.32 0.06 0.00 | 22.79 0.04 0.00 | 25.84 0.11 0.00 | 25.33 0.05 0.00 | 24.68 0.07 0.00 | 24.30 0.02 0.00 | 25.30 0.19 0.00 | 34.50 0.68 0.00 | 40.31 1.41 0.00 | 43.05 1.88 -0.06 | 45.21 1.78 -0.26 | 41.96 1.45 0.00 | 34.61 1.15 0.00 | 30.63 0.85 0.00 |
| JARVIS____ 23743 | 30.03 0.15 -1.66 | 26.66 0.13 -1.18 | 25.46 0.11 -0.30 | 24.91 0.12 -0.06 | 25.33 0.12 -0.54 | 28.60 0.13 -3.43 | 36.28 0.17 -8.40 | 35.60 0.18 -0.46 | 25.31 0.10 0.00 | 24.12 0.08 0.00 | 23.34 0.08 0.00 | 22.88 0.07 -0.06 | 25.86 0.08 -0.06 | 25.36 0.09 0.00 | 24.71 0.11 0.00 | 24.38 0.11 0.00 | 25.24 0.12 0.00 | 34.00 0.18 0.00 | 39.11 0.20 0.00 | 41.32 0.21 0.00 | 43.45 0.28 0.00 | 40.81 0.30 0.00 | 33.69 0.22 0.00 | 29.96 0.18 0.00 |
| JENNISON____1 23625 | 29.20 0.97 0.00 | 26.21 0.85 0.00 | 25.91 0.85 0.00 | 25.59 0.86 0.00 | 25.53 0.86 0.00 | 25.98 0.94 0.00 | 28.97 1.25 0.00 | 36.33 1.37 0.00 | 25.89 0.68 0.00 | 24.68 0.64 0.00 | 23.79 0.52 0.00 | 23.26 0.51 0.00 | 26.30 0.57 0.00 | 25.82 0.54 0.00 | 25.15 0.54 0.00 | 24.77 0.50 0.00 | 25.73 0.62 0.00 | 34.97 1.15 0.00 | 40.54 1.63 0.00 | 43.14 1.98 -0.04 | 44.88 1.52 -0.18 | 41.69 1.19 0.00 | 34.43 0.96 0.00 | 30.39 0.61 0.00 |
| JENNISON____2 23626 | 29.20 0.97 0.00 | 26.21 0.85 0.00 | 25.91 0.85 0.00 | 25.59 0.86 0.00 | 25.53 0.86 0.00 | 25.98 0.94 0.00 | 28.97 1.25 0.00 | 36.33 1.37 0.00 | 25.89 0.68 0.00 | 24.68 0.64 0.00 | 23.79 0.52 0.00 | 23.26 0.51 0.00 | 26.30 0.57 0.00 | 25.82 0.54 0.00 | 25.15 0.54 0.00 | 24.77 0.50 0.00 | 25.73 0.62 0.00 | 34.97 1.15 0.00 | 40.54 1.63 0.00 | 43.14 1.98 -0.04 | 44.88 1.52 -0.18 | 41.69 1.19 0.00 | 34.43 0.96 0.00 | 30.39 0.61 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 39.68 0.59 -10.87 | 33.57 0.51 -7.70 | 27.47 0.48 -1.93 | 25.57 0.43 -0.41 | 28.62 0.40 -3.56 | 47.92 0.44 -22.43 | 83.12 0.53 -54.88 | 38.60 0.62 -3.02 | 25.58 0.37 0.00 | 24.46 0.42 0.00 | 23.66 0.40 0.00 | 23.55 0.42 -0.39 | 26.54 0.45 -0.36 | 25.63 0.35 0.00 | 24.91 0.31 0.00 | 24.61 0.33 0.00 | 25.50 0.39 0.00 | 34.04 0.22 0.00 | 39.26 0.35 0.00 | 41.64 0.52 0.00 | 43.61 0.43 0.00 | 40.91 0.41 0.00 | 34.00 0.54 0.00 | 30.27 0.49 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 29.26 1.03 0.00 | 26.14 0.79 0.00 | 25.79 0.73 0.00 | 25.41 0.69 0.00 | 25.38 0.71 0.00 | 25.94 0.89 0.00 | 28.84 1.13 0.00 | 36.46 1.51 0.00 | 26.39 1.18 0.00 | 25.27 1.23 0.00 | 25.10 1.29 -0.54 | 25.09 1.28 -1.07 | 27.16 1.41 -0.01 | 26.81 1.53 0.00 | 26.16 1.56 0.00 | 25.77 1.50 0.00 | 26.51 1.40 0.00 | 35.55 1.74 0.00 | 40.74 1.83 0.00 | 42.93 1.81 0.00 | 45.41 2.23 0.00 | 42.72 2.21 0.00 | 35.46 1.75 -0.25 | 31.30 1.41 -0.12 |
| KCE_NY_1 323755 | 29.91 1.69 0.00 | 26.73 1.38 0.00 | 26.33 1.27 0.00 | 26.05 1.32 0.00 | 26.01 1.34 0.00 | 26.50 1.46 0.00 | 29.43 1.71 0.00 | 37.06 2.10 0.00 | 26.49 1.28 0.00 | 25.11 1.08 0.00 | 24.20 0.94 0.00 | 23.62 0.88 0.00 | 26.65 0.93 0.02 | 26.24 0.96 0.00 | 25.65 1.05 0.00 | 25.38 1.10 0.00 | 26.51 1.39 0.00 | 35.91 2.10 0.00 | 41.30 2.39 0.00 | 43.57 2.46 0.00 | 45.97 2.79 0.00 | 43.19 2.68 0.00 | 35.30 2.09 0.25 | 31.49 1.82 0.12 |
| KCE_NY_6_ESR 323823 | 28.05 -0.17 0.00 | 25.44 0.09 0.00 | 25.25 0.19 0.00 | 24.88 0.15 0.00 | 24.76 0.10 0.00 | 25.02 -0.03 0.00 | 27.39 -0.33 0.00 | 34.65 -0.31 0.00 | 25.16 -0.05 0.00 | 24.08 0.04 0.00 | 23.40 0.14 0.00 | 23.13 0.38 0.00 | 26.20 0.47 0.00 | 25.45 0.17 0.00 | 24.41 -0.20 0.00 | 23.97 -0.30 0.00 | 24.85 -0.26 0.00 | 33.61 -0.21 0.00 | 38.83 -0.09 0.00 | 40.92 -0.19 0.00 | 42.95 -0.23 0.00 | 39.94 -0.57 0.00 | 33.39 -0.07 0.00 | 29.87 0.09 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 29.54 1.32 0.00 | 26.38 1.02 0.00 | 26.09 1.03 0.00 | 27.55 1.06 -1.76 | 27.41 1.08 -1.66 | 26.35 1.25 -0.05 | 29.45 1.59 -0.14 | 36.84 1.88 0.00 | 37.26 1.39 -10.67 | 62.97 1.56 -37.37 | 25.94 1.78 -0.89 | 25.99 1.46 -1.78 | 38.97 1.66 -11.58 | 62.12 1.69 -35.15 | 42.23 1.76 -15.87 | 38.12 1.61 -12.24 | 42.05 1.46 -15.48 | 48.39 1.80 -12.77 | 41.04 2.13 0.00 | 43.56 2.04 -0.41 | 48.39 2.71 -2.51 | 44.41 2.92 -0.98 | 37.68 2.56 -1.65 | 31.67 1.77 -0.12 |
| KEDC_PORT_JEFF_GT3 24211 | 29.54 1.32 0.00 | 26.38 1.02 0.00 | 26.09 1.03 0.00 | 27.55 1.06 -1.76 | 27.41 1.08 -1.66 | 26.35 1.25 -0.05 | 29.45 1.59 -0.14 | 36.84 1.88 0.00 | 37.26 1.39 -10.67 | 62.97 1.56 -37.37 | 25.94 1.78 -0.89 | 25.99 1.46 -1.78 | 38.97 1.66 -11.58 | 62.12 1.69 -35.15 | 42.23 1.76 -15.87 | 38.12 1.61 -12.24 | 42.05 1.46 -15.48 | 48.39 1.80 -12.77 | 41.04 2.13 0.00 | 43.56 2.04 -0.41 | 48.39 2.71 -2.51 | 44.41 2.92 -0.98 | 37.68 2.56 -1.65 | 31.67 1.77 -0.12 |
| KEDC_GLWD_GT4 24219 | 29.39 1.17 0.00 | 26.24 0.89 0.00 | 25.89 0.83 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.07 1.02 0.00 | 29.02 1.29 0.00 | 36.62 1.67 0.00 | 26.50 1.29 0.00 | 25.43 1.39 0.00 | 25.68 1.52 -0.89 | 26.02 1.48 -1.79 | 47.35 1.64 -19.98 | 87.67 1.74 -60.65 | 53.73 1.74 -27.39 | 47.11 1.72 -21.12 | 53.39 1.60 -26.68 | 57.77 1.94 -22.01 | 40.78 1.87 -0.01 | 43.64 1.82 -0.71 | 50.01 2.51 -4.32 | 44.76 2.56 -1.69 | 38.25 2.12 -2.68 | 31.53 1.63 -0.12 |
| KEDC_GLWD_GT5 24220 | 29.39 1.17 0.00 | 26.24 0.89 0.00 | 25.89 0.83 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.07 1.02 0.00 | 29.02 1.29 0.00 | 36.62 1.67 0.00 | 26.50 1.29 0.00 | 25.43 1.39 0.00 | 25.68 1.52 -0.89 | 26.02 1.48 -1.79 | 47.35 1.64 -19.98 | 87.67 1.74 -60.65 | 53.73 1.74 -27.39 | 47.11 1.72 -21.12 | 53.39 1.60 -26.68 | 57.77 1.94 -22.01 | 40.78 1.87 -0.01 | 43.64 1.82 -0.71 | 50.01 2.51 -4.32 | 44.76 2.56 -1.69 | 38.25 2.12 -2.68 | 31.53 1.63 -0.12 |
| KENSICO____ 23655 | 29.20 0.98 0.00 | 26.09 0.73 0.00 | 25.74 0.69 0.00 | 25.37 0.64 0.00 | 25.33 0.66 0.00 | 25.89 0.85 0.00 | 28.80 1.07 0.00 | 36.42 1.46 0.00 | 26.36 1.15 0.00 | 25.25 1.21 0.00 | 25.51 1.28 -0.97 | 25.93 1.26 -1.92 | 27.16 1.42 -0.01 | 26.83 1.55 0.00 | 26.12 1.52 0.00 | 25.71 1.44 0.00 | 26.45 1.34 0.00 | 35.46 1.64 0.00 | 40.61 1.70 0.00 | 42.79 1.68 0.00 | 45.29 2.12 0.00 | 42.63 2.12 0.00 | 35.41 1.70 -0.25 | 31.26 1.36 -0.12 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 29.25 1.03 0.00 | 26.14 0.79 0.00 | 25.78 0.72 0.00 | 25.41 0.68 0.00 | 25.36 0.69 0.00 | 25.90 0.86 0.00 | 28.83 1.11 0.00 | 36.42 1.47 0.00 | 26.32 1.11 0.00 | 25.09 1.05 0.00 | 24.30 1.04 0.00 | 23.74 0.99 0.00 | 26.81 1.07 -0.01 | 26.45 1.17 0.00 | 25.64 1.04 0.00 | 25.29 1.01 0.00 | 26.10 0.99 0.00 | 35.16 1.35 0.00 | 40.47 1.56 0.00 | 42.74 1.63 0.00 | 45.20 2.03 0.00 | 42.77 2.26 0.00 | 35.33 1.74 -0.13 | 31.24 1.40 -0.06 |

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|-----------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| KIAC_JFK_GT1 23816 | 29.21 0.99 0.00 | 26.20 0.84 0.00 | 25.90 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.06 1.01 0.00 | 28.91 1.19 0.00 | 36.46 1.50 0.00 | 26.50 1.29 0.00 | 25.44 1.40 0.00 | 25.67 1.50 -0.90 | 25.99 1.46 -1.79 | 27.30 1.55 -0.01 | 26.94 1.66 0.00 | 26.29 1.69 0.00 | 25.86 1.59 0.00 | 26.46 1.35 0.00 | 35.37 1.56 0.00 | 40.41 1.50 0.00 | 42.54 1.43 0.00 | 45.13 1.95 0.00 | 42.51 2.00 0.00 | 35.48 1.78 -0.25 | 31.34 1.44 -0.12 |
| KIAC_JFK_GT2 23817 | 29.21 0.99 0.00 | 26.20 0.84 0.00 | 25.90 0.85 0.00 | 25.51 0.78 0.00 | 25.48 0.81 0.00 | 26.06 1.01 0.00 | 28.91 1.19 0.00 | 36.46 1.50 0.00 | 26.50 1.29 0.00 | 25.44 1.40 0.00 | 25.67 1.50 -0.90 | 25.99 1.46 -1.79 | 27.30 1.55 -0.01 | 26.94 1.66 0.00 | 26.29 1.69 0.00 | 25.86 1.59 0.00 | 26.46 1.35 0.00 | 35.37 1.56 0.00 | 40.41 1.50 0.00 | 42.54 1.43 0.00 | 45.13 1.95 0.00 | 42.51 2.00 0.00 | 35.48 1.78 -0.25 | 31.34 1.44 -0.12 |
| KIAC_JFK____ 323774 | 29.21 0.98 0.00 | 26.20 0.85 0.00 | 25.90 0.85 0.00 | 25.51 0.79 0.00 | 25.49 0.82 0.00 | 26.06 1.01 0.00 | 28.91 1.19 0.00 | 36.46 1.50 0.00 | 26.49 1.28 0.00 | 25.44 1.40 0.00 | 25.67 1.50 -0.90 | 26.00 1.46 -1.79 | 27.30 1.55 -0.01 | 26.94 1.66 0.00 | 26.29 1.69 0.00 | 25.86 1.59 0.00 | 26.47 1.35 0.00 | 35.37 1.56 0.00 | 40.42 1.51 0.00 | 42.54 1.43 0.00 | 45.12 1.94 0.00 | 42.51 2.00 0.00 | 35.48 1.77 -0.25 | 31.34 1.44 -0.12 |
| KINTIGH__24_KV_GSU 356498 | 27.79 -0.44 0.00 | 25.21 -0.14 0.00 | 25.03 -0.03 0.00 | 24.66 -0.07 0.00 | 24.57 -0.10 0.00 | 24.83 -0.21 0.00 | 27.16 -0.56 0.00 | 34.33 -0.63 0.00 | 24.90 -0.31 0.00 | 23.83 -0.21 0.00 | 23.17 -0.10 0.00 | 22.85 0.11 0.00 | 25.88 0.15 0.00 | 25.15 -0.13 0.00 | 24.14 -0.46 0.00 | 23.75 -0.52 0.00 | 24.61 -0.50 0.00 | 33.25 -0.57 0.00 | 38.39 -0.52 0.00 | 40.40 -0.72 0.00 | 42.44 -0.73 0.00 | 39.54 -0.97 0.00 | 33.06 -0.40 0.00 | 29.56 -0.22 0.00 |
| KINTIGH____ 23543 | 27.77 -0.45 0.00 | 25.19 -0.16 0.00 | 25.01 -0.05 0.00 | 24.64 -0.08 0.00 | 24.55 -0.12 0.00 | 24.81 -0.23 0.00 | 27.14 -0.58 0.00 | 34.30 -0.65 0.00 | 24.89 -0.32 0.00 | 23.81 -0.23 0.00 | 23.15 -0.12 0.00 | 22.83 0.09 0.00 | 25.86 0.13 0.00 | 25.14 -0.14 0.00 | 24.12 -0.48 0.00 | 23.73 -0.54 0.00 | 24.59 -0.52 0.00 | 33.23 -0.59 0.00 | 38.39 -0.52 0.00 | 40.37 -0.74 0.00 | 42.40 -0.77 0.00 | 39.52 -0.99 0.00 | 33.04 -0.42 0.00 | 29.54 -0.24 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 35.84 1.05 -6.57 | 30.87 0.86 -4.65 | 27.03 0.80 -1.17 | 25.74 0.77 -0.25 | 27.52 0.70 -2.15 | 39.40 0.80 -13.56 | 61.88 0.99 -33.17 | 37.96 1.18 -1.82 | 25.90 0.69 0.00 | 24.70 0.66 0.00 | 23.91 0.64 0.00 | 23.68 0.71 -0.23 | 26.70 0.76 -0.22 | 25.94 0.66 0.00 | 25.25 0.65 0.00 | 24.95 0.68 0.00 | 25.87 0.76 0.00 | 34.41 0.59 0.00 | 39.69 0.79 0.00 | 42.19 1.07 0.00 | 44.42 1.24 0.00 | 41.61 1.10 0.00 | 34.72 1.26 0.00 | 30.78 1.00 0.00 |
| LACHUTE____HYDRO 323717 | 31.74 3.52 0.00 | 28.30 2.95 0.00 | 27.70 2.64 0.00 | 27.52 2.79 0.00 | 27.40 2.73 0.00 | 28.03 2.99 0.00 | 31.31 3.59 0.00 | 39.36 4.41 0.00 | 27.85 2.35 0.00 | 26.39 2.35 0.00 | 25.17 1.90 0.00 | 24.53 1.79 0.00 | 27.56 1.84 0.02 | 27.15 1.87 0.00 | 26.68 2.08 0.00 | 26.47 2.20 0.00 | 28.19 3.07 0.00 | 38.04 4.23 0.00 | 43.73 4.82 0.00 | 46.68 5.56 0.00 | 49.92 6.74 0.00 | 46.96 6.45 0.00 | 38.26 5.06 0.25 | 34.13 4.47 0.12 |
| LAWRNCALV_115KV_TB1 80681 | 107.00 0.69 -78.08 | 81.36 0.68 -55.33 | 39.58 0.65 -13.87 | 28.28 0.62 -2.94 | 50.88 0.64 -25.57 | 186.85 0.64 -161.17 | 422.72 0.72 -394.27 | 57.49 0.87 -21.67 | 25.65 0.44 0.00 | 24.42 0.38 0.00 | 23.58 0.31 0.00 | 25.81 0.30 -2.77 | 28.64 0.35 -2.57 | 25.47 0.19 0.00 | 24.70 0.10 0.00 | 24.40 0.13 0.00 | 25.14 0.03 0.00 | 33.78 -0.03 0.00 | 39.18 0.27 0.00 | 41.58 0.47 0.00 | 43.61 0.44 0.00 | 41.07 0.56 0.00 | 33.71 0.24 0.00 | 30.28 0.50 0.00 |
| LEDERLE____ 23769 | 29.28 1.06 0.00 | 26.16 0.81 0.00 | 25.78 0.72 0.00 | 25.41 0.68 0.00 | 25.38 0.71 0.00 | 25.95 0.91 0.00 | 28.88 1.16 0.00 | 36.54 1.58 0.00 | 26.44 1.23 0.00 | 25.30 1.27 0.00 | 23.40 1.32 1.18 | 21.70 1.31 2.35 | 27.26 1.51 -0.01 | 26.95 1.67 0.00 | 26.24 1.64 0.00 | 25.81 1.54 0.00 | 26.58 1.46 0.00 | 35.65 1.83 0.00 | 40.88 1.97 0.00 | 43.07 1.96 0.00 | 45.52 2.34 0.00 | 42.79 2.28 0.00 | 35.49 1.79 -0.23 | 31.34 1.45 -0.11 |
| LIGHTHSE_115KV_TB6 355974 | 35.49 0.02 -7.25 | 30.52 0.03 -5.14 | 26.35 0.01 -1.29 | 25.01 0.01 -0.27 | 27.06 0.02 -2.38 | 40.06 0.05 -14.97 | 64.38 0.04 -36.62 | 36.99 0.02 -2.01 | 25.03 -0.18 0.00 | 23.71 -0.33 0.00 | 22.89 -0.37 0.00 | 22.64 -0.36 -0.26 | 25.41 -0.56 -0.24 | 24.63 -0.65 0.00 | 23.91 -0.69 0.00 | 23.61 -0.67 0.00 | 24.52 -0.60 0.00 | 33.14 -0.68 0.00 | 38.57 -0.34 0.00 | 41.15 -0.12 -0.15 | 43.83 -0.02 -0.67 | 40.66 0.16 0.00 | 33.56 0.10 0.00 | 29.80 0.02 0.00 |
| LINDEN COGEN____ 23786 | 29.11 0.89 0.00 | 26.01 0.66 0.00 | 25.67 0.62 0.00 | 25.30 0.57 0.01 | 25.27 0.61 0.00 | 25.84 0.80 0.00 | 28.77 1.05 0.00 | 36.39 1.44 0.00 | 26.40 1.19 0.00 | 25.29 1.26 0.00 | 25.49 1.33 -0.90 | 25.85 1.32 -1.79 | 27.24 1.49 -0.01 | 26.89 1.61 0.00 | 26.22 1.61 0.00 | 25.79 1.52 0.00 | 26.49 1.38 0.00 | 35.50 1.68 0.00 | 40.58 1.66 0.00 | 42.75 1.64 0.00 | 45.32 2.14 0.00 | 42.67 2.17 0.00 | 35.45 1.74 -0.25 | 31.28 1.38 -0.12 |
| LINDHRST_69_KV_BK1 356055 | 29.75 1.53 0.00 | 26.52 1.17 0.00 | 26.18 1.12 0.00 | 25.96 1.09 -0.14 | 25.92 1.11 -0.14 | 26.37 1.33 0.00 | 29.39 1.65 -0.01 | 36.89 1.94 0.00 | 27.41 1.42 -0.79 | 28.34 1.55 -2.75 | 25.91 1.75 -0.89 | 26.13 1.60 -1.78 | 40.52 1.85 -12.94 | 66.58 2.05 -39.26 | 44.32 1.99 -17.73 | 39.82 1.88 -13.67 | 44.12 1.75 -17.25 | 50.24 2.19 -14.23 | 41.49 2.57 0.00 | 44.08 2.51 -0.46 | 48.99 3.01 -2.80 | 44.72 3.12 -1.09 | 37.96 2.68 -1.82 | 31.87 1.97 -0.12 |
| LIPA_MISC_IPP 23656 | 29.52 1.30 0.00 | 26.38 1.03 0.00 | 26.14 1.08 0.00 | 27.37 1.15 -1.49 | 27.23 1.17 -1.40 | 26.40 1.32 -0.04 | 29.47 1.64 -0.11 | 36.91 1.95 0.00 | 35.64 1.44 -8.99 | 57.16 1.62 -31.50 | 25.96 1.80 -0.89 | 26.02 1.49 -1.78 | 38.96 1.69 -11.54 | 61.88 1.58 -35.02 | 42.19 1.78 -15.81 | 37.99 1.53 -12.19 | 41.91 1.38 -15.42 | 48.25 1.71 -12.73 | 40.96 2.05 0.00 | 43.45 1.92 -0.41 | 48.34 2.66 -2.50 | 44.29 2.81 -0.98 | 37.65 2.54 -1.65 | 31.58 1.69 -0.12 |
| LISF____SOLAR 323691 | 29.59 1.36 0.00 | 26.43 1.08 0.00 | 26.20 1.14 0.00 | 27.45 1.21 -1.51 | 27.32 1.23 -1.42 | 26.46 1.38 -0.04 | 29.55 1.72 -0.12 | 36.99 2.03 0.00 | 35.83 1.50 -9.12 | 57.66 1.66 -31.96 | 26.00 1.84 -0.89 | 26.05 1.53 -1.78 | 39.00 1.71 -11.56 | 61.94 1.59 -35.07 | 42.24 1.81 -15.82 | 38.03 1.55 -12.21 | 41.98 1.43 -15.44 | 48.36 1.80 -12.74 | 41.06 2.15 0.00 | 43.56 2.04 -0.41 | 48.46 2.78 -2.50 | 44.40 2.92 -0.98 | 37.74 2.63 -1.65 | 31.65 1.75 -0.12 |
| LITTLE FALLS____HYD 24013 | 30.72 0.84 -1.66 | 27.18 0.64 -1.18 | 25.94 0.59 -0.30 | 25.45 0.66 -0.06 | 25.83 0.62 -0.54 | 29.23 0.75 -3.43 | 37.20 1.08 -8.40 | 36.53 1.11 -0.46 | 25.48 0.27 0.00 | 24.01 -0.03 0.00 | 23.07 -0.20 0.00 | 22.64 -0.16 -0.06 | 25.52 -0.27 -0.06 | 25.03 -0.25 0.00 | 24.49 -0.11 0.00 | 24.22 -0.05 0.00 | 25.35 0.23 0.00 | 34.54 0.72 0.00 | 39.92 1.01 0.00 | 42.28 1.16 0.00 | 44.58 1.40 0.00 | 42.04 1.53 0.00 | 34.64 1.17 0.00 | 30.67 0.89 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 103.87 1.05 -74.60 | 79.22 1.00 -52.86 | 39.27 0.96 -13.25 | 28.45 0.92 -2.80 | 50.05 0.96 -24.42 | 179.99 0.97 -153.97 | 405.53 1.13 -376.67 | 56.99 1.34 -20.70 | 25.88 0.67 0.00 | 24.54 0.49 0.00 | 23.66 0.40 0.00 | 25.77 0.38 -2.65 | 28.64 0.45 -2.45 | 25.58 0.30 0.00 | 24.78 0.18 0.00 | 24.63 0.36 0.00 | 25.31 0.20 0.00 | 34.10 0.28 0.00 | 39.76 0.85 0.00 | 42.26 1.15 0.00 | 44.31 1.13 0.00 | 41.64 1.13 0.00 | 34.12 0.66 0.00 | 30.64 0.86 0.00 |
| LI_NEWBRDGE___DRP 323616 | 29.19 0.96 0.00 | 26.05 0.70 0.00 | 25.72 0.66 0.00 | 25.37 0.64 0.00 | 25.32 0.66 0.00 | 25.89 0.85 0.00 | 28.83 1.11 0.00 | 36.29 1.33 0.00 | 26.22 1.02 0.00 | 25.21 1.17 0.00 | 25.54 1.38 -0.89 | 25.79 1.27 -1.78 | 37.93 1.47 -10.74 | 59.64 1.78 -32.59 | 40.90 1.59 -14.71 | 37.09 1.48 -11.34 | 40.77 1.31 -14.35 | 47.22 1.56 -11.84 | 40.69 1.78 0.00 | 43.19 1.70 -0.38 | 47.63 2.13 -2.33 | 43.72 2.30 -0.91 | 36.98 1.96 -1.55 | 31.32 1.42 -0.12 |
| LOCKPORT_115KV_TB60_63_64 80432 | 27.83 -0.40 0.00 | 25.30 -0.06 0.00 | 25.13 0.07 0.00 | 24.74 0.01 0.00 | 24.64 -0.03 0.00 | 24.87 -0.18 0.00 | 27.13 -0.59 0.00 | 34.28 -0.68 0.00 | 24.90 -0.31 0.00 | 23.81 -0.22 0.00 | 23.13 -0.14 0.00 | 22.84 0.10 0.00 | 25.88 0.15 0.00 | 25.09 -0.18 0.00 | 24.05 -0.55 0.00 | 23.66 -0.61 0.00 | 24.54 -0.58 0.00 | 33.10 -0.72 0.00 | 38.27 -0.64 0.00 | 40.23 -0.89 0.00 | 42.31 -0.87 0.00 | 39.45 -1.06 0.00 | 33.03 -0.43 0.00 | 29.58 -0.20 0.00 |
| LOCKPORT___CC1 323769 | 27.80 -0.42 0.00 | 25.28 -0.07 0.00 | 25.12 0.06 0.00 | 24.74 0.01 0.00 | 24.63 -0.04 0.00 | 24.86 -0.18 0.00 | 27.11 -0.62 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.80 -0.24 0.00 | 23.12 -0.14 0.00 | 22.85 0.11 0.00 | 25.88 0.15 0.00 | 25.10 -0.18 0.00 | 24.04 -0.56 0.00 | 23.65 -0.63 0.00 | 24.52 -0.59 0.00 | 33.09 -0.72 0.00 | 38.24 -0.67 0.00 | 40.22 -0.89 0.00 | 42.31 -0.87 0.00 | 39.42 -1.08 0.00 | 33.03 -0.43 0.00 | 29.57 -0.21 0.00 |
| LOCKPORT___CC2 323770 | 27.80 -0.42 0.00 | 25.28 -0.07 0.00 | 25.12 0.06 0.00 | 24.74 0.01 0.00 | 24.63 -0.04 0.00 | 24.86 -0.18 0.00 | 27.11 -0.62 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.80 -0.24 0.00 | 23.12 -0.14 0.00 | 22.85 0.11 0.00 | 25.88 0.15 0.00 | 25.10 -0.18 0.00 | 24.04 -0.56 0.00 | 23.65 -0.63 0.00 | 24.52 -0.59 0.00 | 33.09 -0.72 0.00 | 38.24 -0.67 0.00 | 40.22 -0.89 0.00 | 42.31 -0.87 0.00 | 39.42 -1.08 0.00 | 33.03 -0.43 0.00 | 29.57 -0.21 0.00 |
| LOCKPORT___CC3 323771 | 27.80 -0.42 0.00 | 25.28 -0.07 0.00 | 25.12 0.06 0.00 | 24.74 0.01 0.00 | 24.63 -0.04 0.00 | 24.86 -0.18 0.00 | 27.11 -0.62 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.80 -0.24 0.00 | 23.12 -0.14 0.00 | 22.85 0.11 0.00 | 25.88 0.15 0.00 | 25.10 -0.18 0.00 | 24.04 -0.56 0.00 | 23.65 -0.63 0.00 | 24.52 -0.59 0.00 | 33.09 -0.72 0.00 | 38.24 -0.67 0.00 | 40.22 0.00 0.00 | 42.31 -0.87 0.00 | 39.42 -1.08 0.00 | 33.03 -0.43 0.00 | 29.57 -0.21 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 29.39 1.17 0.00 | 26.23 0.88 0.00 | 25.88 0.82 0.00 | 25.52 0.79 0.00 | 25.49 0.82 0.00 | 26.06 1.02 0.00 | 29.00 1.28 0.00 | 36.56 1.61 0.00 | 26.45 1.24 0.00 | 25.42 1.38 0.00 | 25.73 1.57 -0.89 | 26.04 1.51 -1.79 | 45.16 1.71 -17.72 | 80.97 1.90 -53.79 | 50.73 1.85 -24.28 | 44.78 1.77 -18.73 | 50.41 1.64 -23.66 | 55.36 2.02 -19.52 | 41.06 2.14 0.00 | 43.78 2.04 -0.63 | 49.59 2.58 -3.83 | 44.69 2.69 -1.50 | 38.10 2.24 -2.40 | 31.57 1.67 -0.12 |
| LONG_LAKE_PHOENIX 24014 | 30.23 -0.60 -2.60 | 26.69 -0.51 -1.84 | 25.02 -0.50 -0.46 | 24.33 -0.49 -0.10 | 25.03 -0.49 -0.85 | 29.91 -0.51 -5.37 | 40.23 -0.64 -13.14 | 34.91 -0.77 -0.72 | 24.59 -0.62 0.00 | 23.39 -0.64 0.00 | 22.64 -0.62 0.00 | 22.25 -0.59 -0.09 | 25.13 -0.69 -0.09 | 24.60 -0.68 0.00 | 23.92 -0.68 0.00 | 23.58 -0.69 0.00 | 24.45 -0.66 0.00 | 32.99 -0.82 0.00 | 38.08 -0.83 0.00 | 40.52 -0.84 -0.24 | 43.37 -0.84 -1.04 | 39.66 -0.85 0.00 | 32.80 -0.66 0.00 | 29.16 -0.62 0.00 |
| LOVETT___3 23632 | 29.11 0.89 0.00 | 26.02 0.67 0.00 | 25.66 0.60 0.00 | 25.28 0.55 0.00 | 25.25 0.58 0.00 | 25.81 0.77 0.00 | 28.71 0.99 0.00 | 36.32 1.37 0.00 | 26.28 1.08 0.00 | 25.16 1.12 0.00 | 23.18 1.18 1.27 | 21.40 1.17 2.51 | 27.08 1.34 -0.01 | 26.77 1.49 0.00 | 26.05 1.45 0.00 | 25.62 1.35 0.00 | 26.37 1.25 0.00 | 35.35 1.54 0.00 | 40.52 1.61 0.00 | 42.71 1.60 0.00 | 45.17 2.00 0.00 | 42.48 1.97 0.00 | 35.27 1.57 -0.23 | 31.15 1.26 -0.11 |
| LOVETT___4 23642 | 29.11 0.89 0.00 | 26.02 0.67 0.00 | 25.66 0.60 0.00 | 25.28 0.55 0.00 | 25.25 0.58 0.00 | 25.81 0.77 0.00 | 28.71 0.99 0.00 | 36.32 1.37 0.00 | 26.28 1.08 0.00 | 25.16 1.12 0.00 | 23.18 1.18 1.27 | 21.40 1.17 2.51 | 27.08 1.34 -0.01 | 26.77 1.49 0.00 | 26.05 1.45 0.00 | 25.62 1.35 0.00 | 26.37 1.25 0.00 | 35.35 1.54 0.00 | 40.52 1.61 0.00 | 42.71 1.60 0.00 | 45.17 2.00 0.00 | 42.48 1.97 0.00 | 35.27 1.57 -0.23 | 31.15 1.26 -0.11 |
| LOVETT___5 23593 | 29.11 0.89 0.00 | 26.02 0.67 0.00 | 25.66 0.60 0.00 | 25.28 0.55 0.00 | 25.25 0.58 0.00 | 25.81 0.77 0.00 | 28.71 0.99 0.00 | 36.32 1.37 0.00 | 26.28 1.08 0.00 | 25.16 1.12 0.00 | 23.18 1.18 1.27 | 21.40 1.17 2.51 | 27.08 1.34 -0.01 | 26.77 1.49 0.00 | 26.05 1.45 0.00 | 25.62 1.35 0.00 | 26.37 1.25 0.00 | 35.35 1.54 0.00 | 40.52 1.61 0.00 | 42.71 1.60 0.00 | 45.17 2.00 0.00 | 42.48 1.97 0.00 | 35.27 1.57 -0.23 | 31.15 1.26 -0.11 |
| LOWER RAQUET___HYD 24057 | 100.32 0.78 -71.32 | 76.65 0.76 -50.54 | 38.45 0.72 -12.67 | 28.09 0.68 -2.68 | 48.73 0.71 -23.35 | 172.97 0.71 -147.21 | 388.66 0.81 -360.13 | 55.71 0.96 -19.79 | 25.70 0.50 0.00 | 24.44 0.40 0.00 | 23.59 0.32 0.00 | 25.60 0.32 -2.53 | 28.43 0.35 -2.34 | 25.47 0.19 0.00 | 24.69 0.09 0.00 | 24.39 0.12 0.00 | 25.10 -0.01 0.00 | 33.72 -0.10 0.00 | 39.16 0.25 0.00 | 41.58 0.47 0.00 | 43.65 0.48 0.00 | 41.15 0.64 0.00 | 33.82 0.36 0.00 | 30.37 0.58 0.00 |
| LOWER___HUDSON 24059 | 29.18 0.96 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.48 0.75 0.00 | 25.41 0.74 0.00 | 25.86 0.82 0.00 | 28.70 0.98 0.00 | 36.13 1.17 0.00 | 25.96 0.76 0.00 | 24.72 0.68 0.00 | 23.95 0.58 -0.11 | 23.53 0.56 -0.23 | 26.28 0.57 0.02 | 25.85 0.57 0.00 | 25.26 0.66 0.00 | 24.94 0.67 0.00 | 25.84 0.72 0.00 | 34.84 1.02 0.00 | 40.04 1.14 0.00 | 42.24 1.13 0.00 | 44.64 1.46 0.00 | 42.01 1.50 0.00 | 34.30 1.15 0.31 | 30.64 1.01 0.15 |
| LOWVILLE_115KV_TB2 356335 | 49.77 1.15 -20.40 | 40.81 1.01 -14.45 | 29.64 0.96 -3.62 | 26.43 0.94 -0.76 | 32.32 0.98 -6.68 | 68.22 1.07 -42.11 | 131.99 1.26 -103.01 | 42.09 1.48 -5.66 | 25.89 0.68 0.00 | 24.42 0.38 0.00 | 23.53 0.26 0.00 | 23.69 0.22 -0.72 | 26.44 0.04 -0.67 | 25.07 -0.21 0.00 | 24.39 -0.22 0.00 | 24.14 -0.13 0.00 | 25.20 0.09 0.00 | 34.16 0.34 0.00 | 39.98 1.07 0.00 | 42.58 1.42 -0.04 | 45.04 1.67 -0.19 | 42.47 1.96 0.00 | 34.86 1.40 0.00 | 31.00 1.22 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 29.87 1.65 0.00 | 26.72 1.36 0.00 | 26.34 1.28 0.00 | 26.05 1.33 0.00 | 25.99 1.33 0.00 | 26.49 1.45 0.00 | 29.42 1.70 0.00 | 37.03 2.08 0.00 | 26.48 1.27 0.00 | 25.11 1.07 0.00 | 24.18 0.92 0.00 | 23.61 0.87 0.00 | 26.64 0.93 0.02 | 26.22 0.94 0.00 | 25.63 1.03 0.00 | 25.37 1.10 0.00 | 26.48 1.37 0.00 | 35.85 2.03 0.00 | 41.25 2.34 0.00 | 43.54 2.43 0.00 | 45.97 2.80 0.00 | 43.18 2.67 0.00 | 35.29 2.08 0.25 | 31.49 1.82 0.12 |

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|---------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|
| LUTHERNY_35_KV_BK2 355980 | 29.91 1.69 0.00 | 26.74 1.38 0.00 | 26.33 1.27 0.00 | 26.04 1.32 0.00 | 26.00 1.34 0.00 | 26.50 1.46 0.00 | 29.43 1.71 0.00 | 37.06 2.10 0.00 | 26.49 1.28 0.00 | 25.11 1.07 0.00 | 24.20 0.94 0.00 | 23.62 0.88 0.00 | 26.65 0.93 0.02 | 26.24 0.96 0.00 | 25.65 1.05 0.00 | 25.38 1.10 0.00 | 26.51 1.39 0.00 | 35.91 2.10 0.00 | 41.30 2.39 0.00 | 43.57 2.46 0.00 | 45.97 2.79 0.00 | 43.19 2.68 0.00 | 35.30 2.09 0.25 | 31.48 1.82 0.12 |
| LWR___OSWEGATCHIE_HYD 23850 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.83 0.89 -99.89 | 273.11 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.54 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| LYONS_FALL_HYD 23570 | 42.82 0.98 -13.61 | 35.85 0.85 -9.64 | 28.28 0.80 -2.42 | 26.05 0.80 -0.51 | 29.95 0.83 -4.46 | 54.05 0.91 -28.10 | 97.54 1.09 -68.73 | 40.01 1.28 -3.78 | 25.83 0.63 0.00 | 24.42 0.39 0.00 | 23.57 0.30 0.00 | 23.50 0.27 -0.48 | 26.36 0.17 -0.45 | 25.30 0.03 0.00 | 24.65 0.04 0.00 | 24.40 0.13 0.00 | 25.42 0.31 0.00 | 34.43 0.61 0.00 | 40.07 1.16 0.00 | 42.55 1.41 -0.03 | 44.91 1.60 -0.14 | 42.22 1.72 0.00 | 34.73 1.27 0.00 | 30.86 1.08 0.00 |
| MADISON___COUNTY_LFGE 323628 | 33.51 0.79 -4.50 | 29.22 0.68 -3.19 | 26.50 0.65 -0.80 | 25.54 0.64 -0.17 | 26.80 0.66 -1.47 | 35.06 0.73 -9.29 | 51.34 0.89 -22.73 | 37.28 1.07 -1.25 | 25.75 0.55 0.00 | 24.39 0.35 0.00 | 23.56 0.29 0.00 | 23.20 0.30 -0.16 | 26.18 0.30 -0.15 | 25.56 0.28 0.00 | 24.94 0.34 0.00 | 24.73 0.46 0.00 | 25.72 0.60 0.00 | 34.84 1.02 0.00 | 40.27 1.36 0.00 | 42.65 1.50 -0.03 | 44.90 1.59 -0.13 | 41.97 1.46 0.00 | 34.59 1.13 0.00 | 30.70 0.92 0.00 |
| MALONE___115KV_TB1 356076 | 55.22 0.95 -26.05 | 44.66 0.85 -18.46 | 30.49 0.80 -4.63 | 26.47 0.76 -0.98 | 33.93 0.73 -8.53 | 79.60 0.79 -53.77 | 160.21 0.95 -131.54 | 43.39 1.21 -7.23 | 25.92 0.71 0.00 | 24.73 0.68 0.00 | 23.90 0.64 0.00 | 24.34 0.68 -0.92 | 27.28 0.69 -0.86 | 25.83 0.55 0.00 | 25.09 0.49 0.00 | 24.77 0.50 0.00 | 25.70 0.59 0.00 | 34.31 0.49 0.00 | 39.73 0.82 0.00 | 42.21 1.10 0.00 | 44.24 1.07 0.00 | 41.50 1.00 0.00 | 34.51 1.05 0.00 | 30.66 0.87 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 28.88 0.66 0.00 | 25.88 0.53 0.00 | 25.54 0.48 0.00 | 25.22 0.49 0.00 | 25.14 0.47 0.00 | 25.58 0.54 0.00 | 28.38 0.66 0.00 | 35.69 0.73 0.00 | 25.72 0.51 0.00 | 24.52 0.48 0.00 | 23.80 0.42 -0.11 | 23.39 0.42 -0.22 | 26.14 0.42 0.01 | 25.70 0.42 0.00 | 25.10 0.50 0.00 | 24.79 0.52 0.00 | 25.63 0.51 0.00 | 34.54 0.72 0.00 | 39.71 0.80 0.00 | 41.89 0.77 0.00 | 44.21 1.04 0.00 | 41.59 1.08 0.00 | 34.07 0.81 0.21 | 30.38 0.70 0.10 |
| MAPLE_RIDGE_WT_1 323574 | 28.29 0.07 0.00 | 25.43 0.08 0.00 | 25.13 0.07 0.00 | 24.79 0.06 0.00 | 24.74 0.07 0.00 | 25.11 0.06 0.00 | 27.80 0.08 0.00 | 35.05 0.09 0.00 | 25.26 0.05 0.00 | 24.09 0.05 0.00 | 23.30 0.04 0.00 | 22.77 0.02 0.00 | 25.75 0.03 0.00 | 25.29 0.01 0.00 | 24.60 0.00 0.00 | 24.27 0.00 0.00 | 25.13 0.02 0.00 | 33.85 0.03 0.00 | 38.97 0.06 0.00 | 41.16 0.05 0.00 | 43.26 0.08 0.00 | 40.59 0.08 0.00 | 33.47 0.00 0.00 | 29.79 0.01 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 28.29 0.07 0.00 | 25.43 0.08 0.00 | 25.13 0.07 0.00 | 24.79 0.06 0.00 | 24.74 0.07 0.00 | 25.11 0.06 0.00 | 27.80 0.08 0.00 | 35.05 0.09 0.00 | 25.26 0.05 0.00 | 24.09 0.05 0.00 | 23.30 0.04 0.00 | 22.77 0.02 0.00 | 25.75 0.03 0.00 | 25.29 0.01 0.00 | 24.60 0.00 0.00 | 24.27 0.00 0.00 | 25.13 0.02 0.00 | 33.85 0.03 0.00 | 38.97 0.06 0.00 | 41.16 0.05 0.00 | 43.26 0.08 0.00 | 40.59 0.08 0.00 | 33.47 0.00 0.00 | 29.79 0.01 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 34.88 1.02 -5.65 | 30.17 0.82 -4.00 | 26.80 0.74 -1.00 | 25.62 0.67 -0.21 | 27.12 0.60 -1.85 | 37.39 0.70 -11.65 | 57.05 0.83 -28.50 | 37.43 0.91 -1.57 | 25.75 0.54 0.00 | 24.63 0.59 0.00 | 23.86 0.60 0.00 | 23.63 0.69 -0.20 | 26.65 0.73 -0.19 | 25.91 0.63 0.00 | 25.22 0.62 0.00 | 24.92 0.64 0.00 | 25.84 0.72 0.00 | 34.21 0.39 0.00 | 39.40 0.48 0.00 | 41.77 0.65 0.00 | 43.96 0.79 0.00 | 41.26 0.75 0.00 | 34.51 1.04 0.00 | 30.66 0.88 0.00 |
| MARSHVLE_115KV_TB1 80742 | 29.26 1.04 0.00 | 26.30 0.94 0.00 | 26.05 0.99 0.00 | 25.66 0.93 0.00 | 25.63 0.96 0.00 | 26.04 0.99 0.00 | 28.85 1.13 0.00 | 36.38 1.42 0.00 | 25.64 0.43 0.00 | 24.21 0.17 0.00 | 23.47 0.20 0.00 | 22.91 0.17 0.00 | 25.92 0.20 0.01 | 25.47 0.19 0.00 | 24.78 0.18 0.00 | 24.52 0.24 0.00 | 25.59 0.47 0.00 | 34.78 0.96 0.00 | 40.62 1.71 0.00 | 43.14 2.03 0.00 | 45.23 2.05 0.00 | 42.27 1.77 0.00 | 34.82 1.50 0.13 | 30.99 1.27 0.06 |
| MARSH_HILL_WT_PWR 323713 | 28.42 0.20 0.00 | 25.66 0.31 0.00 | 25.41 0.35 0.00 | 25.11 0.38 0.00 | 24.99 0.32 0.00 | 25.40 0.35 0.00 | 28.07 0.35 0.00 | 35.40 0.45 0.00 | 25.23 0.02 0.00 | 23.90 -0.14 0.00 | 23.14 -0.13 0.00 | 22.80 0.06 0.00 | 25.85 0.12 0.00 | 25.36 0.09 0.00 | 24.33 -0.27 0.00 | 23.85 -0.42 0.00 | 24.76 -0.35 0.00 | 33.75 -0.06 0.00 | 39.35 0.44 0.00 | 41.83 0.71 0.00 | 43.62 0.44 0.00 | 40.69 0.18 0.00 | 33.91 0.45 0.00 | 30.24 0.46 0.00 |
| MCINTYRE_115KV_TB2 80467 | 109.17 1.08 -79.86 | 83.00 1.05 -56.59 | 40.24 1.00 -14.19 | 28.69 0.96 -3.00 | 51.82 1.01 -26.15 | 190.91 1.02 -164.85 | 432.19 1.20 -403.27 | 58.53 1.41 -22.16 | 25.88 0.67 0.00 | 24.54 0.50 0.00 | 23.67 0.40 0.00 | 25.95 0.38 -2.83 | 28.85 0.49 -2.62 | 25.61 0.33 0.00 | 24.82 0.22 0.00 | 24.70 0.43 0.00 | 25.43 0.32 0.00 | 34.33 0.51 0.00 | 40.03 1.12 0.00 | 42.56 1.45 0.00 | 44.55 1.38 0.00 | 41.76 1.25 0.00 | 34.13 0.67 0.00 | 30.69 0.91 0.00 |
| MECO_____69_KV_BK1 80468 | 29.57 1.34 0.00 | 26.53 1.17 0.00 | 26.23 1.18 0.00 | 25.87 1.14 0.00 | 25.84 1.17 0.00 | 26.29 1.24 0.00 | 29.19 1.47 0.00 | 36.76 1.80 0.00 | 25.80 0.60 0.00 | 24.15 0.11 0.00 | 23.26 -0.01 0.00 | 22.70 -0.04 0.00 | 25.66 -0.06 0.01 | 25.24 -0.04 0.00 | 24.59 -0.01 0.00 | 24.50 0.23 0.00 | 25.81 0.70 0.00 | 35.30 1.49 0.00 | 41.15 2.25 0.00 | 43.72 2.60 0.00 | 45.94 2.76 0.00 | 42.96 2.45 0.00 | 35.28 1.97 0.15 | 31.37 1.66 0.07 |
| MENANDS___115KV_TB5 355628 | 28.68 0.46 0.00 | 25.72 0.36 0.00 | 25.38 0.32 0.00 | 25.07 0.34 0.00 | 25.00 0.33 0.00 | 25.41 0.37 0.00 | 28.17 0.45 0.00 | 35.42 0.47 0.00 | 25.56 0.35 0.00 | 24.39 0.35 0.00 | 23.69 0.31 -0.11 | 23.28 0.32 -0.22 | 26.03 0.31 0.01 | 25.58 0.30 0.00 | 24.99 0.39 0.00 | 24.67 0.40 0.00 | 25.46 0.35 0.00 | 34.28 0.46 0.00 | 39.40 0.49 0.00 | 41.54 0.43 0.00 | 43.87 0.70 0.00 | 41.29 0.78 0.00 | 33.82 0.56 0.21 | 30.17 0.49 0.10 |
| MG INDUSTRY___DRP 24185 | 28.80 0.57 0.00 | 25.84 0.49 0.00 | 25.54 0.48 0.00 | 25.22 0.49 0.00 | 25.15 0.49 0.00 | 25.54 0.50 0.00 | 28.31 0.59 0.00 | 35.57 0.61 0.00 | 25.53 0.32 0.00 | 24.31 0.27 0.00 | 23.52 0.26 0.00 | 23.00 0.25 0.00 | 25.98 0.26 0.01 | 25.53 0.26 0.00 | 24.93 0.32 0.00 | 24.60 0.33 0.00 | 25.42 0.31 0.00 | 34.28 0.46 0.00 | 39.52 0.61 0.00 | 41.72 0.61 0.00 | 43.98 0.80 0.00 | 41.36 0.85 0.00 | 34.03 0.68 0.11 | 30.32 0.59 0.05 |

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|--------------------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.83 0.89 -99.89 | 273.11 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.54 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| MID___RAQUETTE_HYD 23851 | 100.32 0.78 -71.32 | 76.65 0.75 -50.54 | 38.45 0.72 -12.67 | 28.09 0.68 -2.68 | 48.73 0.71 -23.35 | 172.97 0.72 -147.21 | 388.66 0.81 -360.13 | 55.71 0.97 -19.79 | 25.70 0.50 0.00 | 24.44 0.40 0.00 | 23.59 0.32 0.00 | 25.60 0.32 -2.53 | 28.43 0.35 -2.34 | 25.47 0.19 0.00 | 24.69 0.09 0.00 | 24.39 0.11 0.00 | 25.10 -0.01 0.00 | 33.72 -0.10 0.00 | 39.16 0.25 0.00 | 41.58 0.47 0.00 | 43.65 0.48 0.00 | 41.15 0.64 0.00 | 33.82 0.36 0.00 | 30.37 0.58 0.00 |
| MILLIKEN___1 23584 | 29.82 0.27 -1.33 | 26.54 0.24 -0.94 | 25.53 0.23 -0.24 | 25.03 0.25 -0.05 | 25.33 0.23 -0.44 | 28.07 0.28 -2.75 | 34.79 0.35 -6.72 | 35.85 0.53 -0.37 | 25.42 0.21 0.00 | 24.07 0.02 0.00 | 23.19 -0.07 0.00 | 22.76 -0.03 -0.05 | 25.72 -0.05 -0.04 | 25.23 -0.05 0.00 | 24.53 -0.07 0.00 | 24.18 -0.09 0.00 | 25.11 0.00 0.00 | 34.05 0.23 0.00 | 39.49 0.57 0.00 | 41.93 0.73 -0.08 | 44.27 0.76 -0.34 | 41.07 0.56 0.00 | 33.94 0.48 0.00 | 30.09 0.31 0.00 |
| MILLIKEN___2 23585 | 29.82 0.27 -1.33 | 26.54 0.24 -0.94 | 25.53 0.23 -0.24 | 25.03 0.25 -0.05 | 25.33 0.23 -0.44 | 28.07 0.28 -2.75 | 34.79 0.35 -6.72 | 35.85 0.53 -0.37 | 25.42 0.21 0.00 | 24.07 0.02 0.00 | 23.19 -0.07 0.00 | 22.76 -0.03 -0.05 | 25.72 -0.05 -0.04 | 25.23 -0.05 0.00 | 24.53 -0.07 0.00 | 24.18 -0.09 0.00 | 25.11 0.00 0.00 | 34.05 0.23 0.00 | 39.49 0.57 0.00 | 41.93 0.73 -0.08 | 44.27 0.76 -0.34 | 41.07 0.56 0.00 | 33.94 0.48 0.00 | 30.09 0.31 0.00 |
| MILLIKEN___DIESEL 23629 | 29.82 0.27 -1.33 | 26.54 0.24 -0.94 | 25.53 0.23 -0.24 | 25.03 0.25 -0.05 | 25.33 0.23 -0.44 | 28.07 0.28 -2.75 | 34.79 0.35 -6.72 | 35.85 0.53 -0.37 | 25.42 0.21 0.00 | 24.07 0.02 0.00 | 23.19 -0.07 0.00 | 22.76 -0.03 -0.05 | 25.72 -0.05 -0.04 | 25.23 -0.05 0.00 | 24.53 -0.07 0.00 | 24.18 -0.09 0.00 | 25.11 0.00 0.00 | 34.05 0.23 0.00 | 39.49 0.57 0.00 | 41.93 0.73 -0.08 | 44.27 0.76 -0.34 | 41.07 0.56 0.00 | 33.94 0.48 0.00 | 30.09 0.31 0.00 |
| MILLSEAT___LFGE 323607 | 28.26 0.04 0.00 | 25.64 0.29 0.00 | 25.47 0.41 0.00 | 25.07 0.35 0.00 | 24.97 0.30 0.00 | 25.26 0.22 0.00 | 27.66 -0.06 0.00 | 34.99 0.03 0.00 | 25.30 0.09 0.00 | 24.05 0.01 0.00 | 23.30 0.04 0.00 | 22.99 0.24 0.00 | 26.05 0.32 0.00 | 25.34 0.06 0.00 | 24.37 -0.23 0.00 | 23.98 -0.30 0.00 | 24.87 -0.24 0.00 | 33.66 -0.16 0.00 | 39.08 0.17 0.00 | 41.28 0.17 0.00 | 43.39 0.22 0.00 | 40.39 -0.11 0.00 | 33.71 0.24 0.00 | 30.10 0.32 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 29.16 0.94 0.00 | 26.06 0.71 0.00 | 25.70 0.64 0.00 | 25.34 0.61 0.00 | 25.30 0.63 0.00 | 25.85 0.81 0.00 | 28.75 1.03 0.00 | 36.37 1.42 0.00 | 26.32 1.12 0.00 | 25.21 1.17 0.00 | 25.51 1.23 -1.02 | 25.98 1.21 -2.02 | 27.11 1.37 -0.01 | 26.78 1.50 0.00 | 26.07 1.47 0.00 | 25.65 1.38 0.00 | 26.39 1.28 0.00 | 35.39 1.57 0.00 | 40.54 1.63 0.00 | 42.73 1.62 0.00 | 45.21 2.04 0.00 | 42.55 2.04 0.00 | 35.33 1.63 -0.25 | 31.20 1.31 -0.11 |
| MILLWOOD_13_KV_LOAD 356217 | 29.20 0.98 0.00 | 26.10 0.74 0.00 | 25.73 0.68 0.00 | 25.37 0.64 0.00 | 25.33 0.66 0.00 | 25.88 0.84 0.00 | 28.79 1.07 0.00 | 36.42 1.47 0.00 | 26.36 1.15 0.00 | 25.25 1.21 0.00 | 25.55 1.26 -1.02 | 26.02 1.26 -2.02 | 27.15 1.40 -0.01 | 26.82 1.54 0.00 | 26.10 1.50 0.00 | 25.69 1.42 0.00 | 26.44 1.33 0.00 | 35.46 1.64 0.00 | 40.63 1.72 0.00 | 42.81 1.70 0.00 | 45.31 2.13 0.00 | 42.61 2.11 0.00 | 35.39 1.68 -0.25 | 31.25 1.35 -0.11 |
| MODEL_CITY_ENERGY 24167 | 27.60 -0.62 0.00 | 25.12 -0.24 0.00 | 24.96 -0.10 0.00 | 24.57 -0.16 0.00 | 24.47 -0.20 0.00 | 24.68 -0.36 0.00 | 26.88 -0.84 0.00 | 33.96 -0.99 0.00 | 24.69 -0.51 0.00 | 23.64 -0.40 0.00 | 22.96 -0.30 0.00 | 22.69 -0.06 0.00 | 25.70 -0.03 0.00 | 24.90 -0.37 0.00 | 23.86 -0.75 0.00 | 23.46 -0.81 0.00 | 24.32 -0.79 0.00 | 32.77 -1.05 0.00 | 37.82 -1.09 0.00 | 39.74 -1.37 0.00 | 41.82 -1.35 0.00 | 39.02 -1.49 0.00 | 32.70 -0.76 0.00 | 29.30 -0.48 0.00 |
| MODERN_LFGE___ 323580 | 27.60 -0.62 0.00 | 25.12 -0.24 0.00 | 24.96 -0.10 0.00 | 24.57 -0.16 0.00 | 24.47 -0.20 0.00 | 24.68 -0.36 0.00 | 26.88 -0.84 0.00 | 33.96 -0.99 0.00 | 24.69 -0.51 0.00 | 23.64 -0.40 0.00 | 22.96 -0.30 0.00 | 22.69 -0.06 0.00 | 25.70 -0.03 0.00 | 24.90 -0.37 0.00 | 23.86 -0.75 0.00 | 23.46 -0.81 0.00 | 24.32 -0.79 0.00 | 32.77 -1.05 0.00 | 37.82 -1.09 0.00 | 39.74 -1.37 0.00 | 41.82 -1.35 0.00 | 39.02 -1.49 0.00 | 32.70 -0.76 0.00 | 29.30 -0.48 0.00 |
| MOHAWK_PAPER___DRP 24187 | 28.88 0.66 0.00 | 25.88 0.53 0.00 | 25.54 0.48 0.00 | 25.22 0.49 0.00 | 25.14 0.47 0.00 | 25.58 0.54 0.00 | 28.38 0.66 0.00 | 35.69 0.73 0.00 | 25.72 0.51 0.00 | 24.52 0.48 0.00 | 23.80 0.42 -0.11 | 23.39 0.42 -0.22 | 26.14 0.42 0.01 | 25.70 0.42 0.00 | 25.10 0.50 0.00 | 24.79 0.52 0.00 | 25.63 0.51 0.00 | 34.54 0.72 0.00 | 39.71 0.80 0.00 | 41.89 0.77 0.00 | 44.21 1.04 0.00 | 41.59 1.08 0.00 | 34.07 0.81 0.21 | 30.38 0.70 0.10 |
| MOHICAN___35_KV_115KV_LD 80490 | 30.46 2.24 0.00 | 27.20 1.85 0.00 | 26.80 1.74 0.00 | 26.55 1.82 0.00 | 26.47 1.81 0.00 | 27.02 1.97 0.00 | 30.04 2.33 0.00 | 37.83 2.87 0.00 | 26.96 1.75 0.00 | 25.50 1.46 0.00 | 24.48 1.22 0.00 | 23.88 1.14 0.00 | 26.91 1.20 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.03 1.92 0.00 | 36.67 2.85 0.00 | 42.21 3.30 0.00 | 44.61 3.50 0.00 | 47.23 4.06 0.00 | 44.35 3.84 0.00 | 36.19 2.98 0.26 | 32.31 2.65 0.12 |
| MONGAUP___HYD 23641 | 29.23 1.01 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.40 0.67 0.00 | 25.36 0.69 0.00 | 25.88 0.84 0.00 | 28.80 1.08 0.00 | 36.34 1.39 0.00 | 26.14 0.93 0.00 | 24.80 0.76 0.00 | 23.28 0.74 0.72 | 22.04 0.72 1.43 | 26.56 0.82 -0.01 | 26.22 0.94 0.00 | 25.56 0.96 0.00 | 25.18 0.90 0.00 | 25.94 0.83 0.00 | 34.99 1.17 0.00 | 40.50 1.59 0.00 | 42.90 1.79 0.00 | 45.34 2.16 0.00 | 42.58 2.08 0.00 | 35.28 1.62 -0.20 | 31.18 1.30 -0.10 |
| MONTAUK___DIESEL 23721 | 30.45 2.22 0.00 | 27.23 1.88 0.00 | 27.04 1.98 0.00 | 28.31 2.09 -1.50 | 28.19 2.12 -1.41 | 27.39 2.30 -0.04 | 30.57 2.74 -0.11 | 38.28 3.33 0.00 | 36.69 2.43 -9.05 | 58.33 2.60 -31.69 | 26.86 2.71 -0.89 | 26.69 2.17 -1.78 | 39.63 2.36 -11.54 | 62.51 2.20 -35.03 | 43.15 2.74 -15.81 | 38.97 2.51 -12.20 | 43.01 2.47 -15.43 | 49.82 3.27 -12.73 | 42.71 3.79 0.00 | 45.22 3.69 -0.41 | 50.18 4.50 -2.50 | 45.89 4.40 -0.98 | 38.95 3.83 -1.65 | 32.62 2.72 -0.12 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 28.22 0.01 0.00 | 25.50 0.15 0.00 | 25.24 0.19 0.00 | 24.95 0.22 0.00 | 24.81 0.15 0.00 | 25.18 0.13 0.00 | 27.84 0.12 0.00 | 35.43 0.47 0.00 | 25.58 0.37 0.00 | 24.43 0.40 0.00 | 23.72 0.46 0.00 | 23.48 0.73 0.00 | 26.54 0.81 0.00 | 25.90 0.62 0.00 | 24.67 0.07 0.00 | 24.06 -0.21 0.00 | 24.91 -0.20 0.00 | 33.79 -0.03 0.00 | 39.10 0.19 0.00 | 41.36 0.25 0.00 | 43.24 0.06 0.00 | 40.13 -0.38 0.00 | 33.55 0.09 0.00 | 29.96 0.18 0.00 |

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|--------------------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | 28.10 -0.12 0.00 | 25.39 0.04 0.00 | 25.15 0.09 0.00 | 24.84 0.11 0.00 | 24.72 0.06 0.00 | 25.08 0.03 0.00 | 27.63 -0.08 0.00 | 34.84 -0.11 0.00 | 24.90 -0.31 0.00 | 23.60 -0.44 0.00 | 22.86 -0.40 0.00 | 22.56 -0.19 0.00 | 25.57 -0.16 0.00 | 25.05 -0.23 0.00 | 24.05 -0.55 0.00 | 23.60 -0.67 0.00 | 24.47 -0.64 0.00 | 33.29 -0.53 0.00 | 38.78 -0.13 0.00 | 41.16 0.05 0.00 | 43.13 -0.05 0.00 | 40.19 -0.32 0.00 | 33.51 0.05 0.00 | 29.88 0.10 0.00 |
| MORTIMER_115KV_TB3 55949 | 28.08 -0.14 0.00 | 25.35 0.00 0.00 | 25.10 0.05 0.00 | 24.74 0.01 0.00 | 24.67 0.00 0.00 | 25.01 -0.03 0.00 | 27.52 -0.20 0.00 | 34.80 -0.16 0.00 | 25.11 -0.10 0.00 | 23.91 -0.13 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.87 0.14 0.00 | 25.31 0.04 0.00 | 24.45 -0.15 0.00 | 24.11 -0.17 0.00 | 25.01 -0.10 0.00 | 33.86 0.04 0.00 | 39.17 0.27 0.00 | 41.29 0.18 0.00 | 43.33 0.15 0.00 | 40.39 -0.11 0.00 | 33.52 0.06 0.00 | 29.82 0.04 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 29.28 1.06 0.00 | 26.17 0.81 0.00 | 25.83 0.77 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.97 0.93 0.00 | 28.90 1.18 0.00 | 36.54 1.59 0.00 | 26.48 1.27 0.00 | 25.39 1.35 0.00 | 25.58 1.42 -0.90 | 25.92 1.39 -1.78 | 27.30 1.55 -0.01 | 26.93 1.65 0.00 | 26.24 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.57 1.75 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.45 2.28 0.00 | 42.81 2.30 0.00 | 35.57 1.86 -0.25 | 31.39 1.49 -0.12 |
| MUNSVILLE_WIND_PWR 323609 | 29.84 1.62 0.00 | 26.77 1.41 0.00 | 26.44 1.38 0.00 | 26.13 1.40 0.00 | 26.08 1.42 0.00 | 26.59 1.54 0.00 | 29.70 1.98 0.00 | 37.37 2.41 0.00 | 26.48 1.27 0.00 | 25.01 0.97 0.00 | 24.04 0.78 0.00 | 23.51 0.76 0.00 | 26.62 0.90 0.00 | 26.10 0.82 0.00 | 25.44 0.83 0.00 | 25.08 0.80 0.00 | 26.15 1.04 0.00 | 35.62 1.80 0.00 | 41.59 2.68 0.00 | 44.32 3.16 -0.05 | 46.29 2.89 -0.22 | 42.96 2.45 0.00 | 35.41 1.94 0.00 | 31.26 1.48 0.00 |
| N SALMON___HYD 24042 | 55.22 0.95 -26.05 | 44.66 0.85 -18.46 | 30.49 0.80 -4.63 | 26.47 0.76 -0.98 | 33.93 0.73 -8.53 | 79.60 0.79 -53.77 | 160.21 0.95 -131.54 | 43.39 1.21 -7.23 | 25.92 0.71 0.00 | 24.73 0.68 0.00 | 23.90 0.64 0.00 | 24.34 0.68 -0.92 | 27.28 0.69 -0.86 | 25.83 0.55 0.00 | 25.09 0.49 0.00 | 24.77 0.50 0.00 | 25.70 0.59 0.00 | 34.31 0.49 0.00 | 39.73 0.82 0.00 | 42.21 1.10 0.00 | 44.24 1.07 0.00 | 41.50 1.00 0.00 | 34.51 1.05 0.00 | 30.66 0.87 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 28.15 -0.07 0.00 | 25.57 0.22 0.00 | 25.39 0.33 0.00 | 24.99 0.26 0.00 | 24.89 0.22 0.00 | 25.15 0.11 0.00 | 27.52 -0.20 0.00 | 34.81 -0.15 0.00 | 25.21 0.00 0.00 | 24.03 -0.01 0.00 | 23.29 0.03 0.00 | 22.98 0.23 0.00 | 26.04 0.31 0.00 | 25.30 0.02 0.00 | 24.30 -0.31 0.00 | 23.91 -0.36 0.00 | 24.80 -0.31 0.00 | 33.53 -0.30 0.00 | 38.88 -0.04 0.00 | 40.98 -0.14 0.00 | 43.07 -0.10 0.00 | 40.12 -0.38 0.00 | 33.52 0.06 0.00 | 29.97 0.19 0.00 |
| N.E_GEN_SANDY PD 24062 | 28.97 0.75 0.00 | 25.89 0.54 0.00 | 25.39 0.46 0.13 | 25.19 0.48 0.02 | 24.87 0.48 0.27 | 25.50 0.60 0.14 | 28.44 0.73 0.00 | 35.84 0.89 0.00 | 25.85 0.65 0.00 | 24.93 0.67 -0.21 | 23.85 0.65 0.06 | 23.79 0.63 -0.42 | 26.25 0.64 0.12 | 29.25 0.70 -3.28 | 25.40 0.79 0.00 | 25.03 0.76 0.00 | 25.81 0.70 0.00 | 34.64 0.83 0.00 | 39.75 0.84 0.00 | 41.88 0.77 0.00 | 45.14 1.15 -0.81 | 41.05 1.25 0.71 | 32.38 0.94 2.02 | 29.63 0.79 0.94 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 29.17 0.95 0.00 | 26.07 0.71 0.00 | 25.70 0.64 0.00 | 25.33 0.60 0.00 | 25.29 0.62 0.00 | 25.85 0.81 0.00 | 28.76 1.04 0.00 | 36.38 1.42 0.00 | 26.32 1.11 0.00 | 25.19 1.15 0.00 | 23.26 1.21 1.22 | 21.53 1.19 2.41 | 27.13 1.39 -0.01 | 26.82 1.54 0.00 | 26.12 1.51 0.00 | 25.68 1.41 0.00 | 26.43 1.32 0.00 | 35.46 1.64 0.00 | 40.65 1.74 0.00 | 42.83 1.72 0.00 | 45.28 2.11 0.00 | 42.59 2.08 0.00 | 35.33 1.64 -0.23 | 31.21 1.32 -0.11 |
| N.QUEENS_27_KV_LOAD 356247 | 29.30 1.08 0.00 | 26.29 0.93 0.00 | 25.94 0.89 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 28.95 1.23 0.00 | 36.69 1.74 0.00 | 26.62 1.42 0.00 | 25.53 1.49 0.00 | 25.67 1.51 -0.90 | 26.02 1.50 -1.79 | 27.39 1.65 -0.01 | 27.06 1.78 0.00 | 26.32 1.71 0.00 | 25.92 1.65 0.00 | 26.60 1.49 0.00 | 35.57 1.75 0.00 | 40.72 1.81 0.00 | 42.95 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.72 2.01 -0.25 | 31.49 1.60 -0.12 |
| N.TROY___115KV_TB1 355778 | 29.19 0.96 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.48 0.75 0.00 | 25.40 0.74 0.00 | 25.86 0.82 0.00 | 28.70 0.98 0.00 | 36.13 1.17 0.00 | 25.96 0.76 0.00 | 24.72 0.68 0.00 | 23.95 0.58 -0.11 | 23.53 0.56 -0.23 | 26.28 0.57 0.02 | 25.85 0.57 0.00 | 25.26 0.66 0.00 | 24.94 0.67 0.00 | 25.84 0.72 0.00 | 34.84 1.02 0.00 | 40.05 1.14 0.00 | 42.24 1.13 0.00 | 44.64 1.46 0.00 | 42.01 1.50 0.00 | 34.30 1.15 0.31 | 30.64 1.01 0.15 |
| NARROWS_GT1_1 24228 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_2 24229 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_3 24230 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_4 24231 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_5 24232 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |

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|---------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT1_6 24233 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_7 24234 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT1_8 24235 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_1 24236 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_2 24237 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_3 24238 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_4 24239 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_5 24240 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_6 24241 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_7 24242 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NARROWS_GT2_8 24243 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.64 1.52 0.00 | 35.70 1.88 0.00 | 40.83 1.92 0.00 | 43.06 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 29.10 0.87 0.00 | 26.10 0.74 0.00 | 25.76 0.70 0.00 | 25.45 0.72 0.00 | 25.37 0.70 0.00 | 25.81 0.76 0.00 | 28.68 0.96 0.00 | 36.08 1.12 0.00 | 25.86 0.65 0.00 | 24.45 0.41 0.00 | 23.57 0.30 0.00 | 23.04 0.30 0.00 | 26.02 0.29 0.00 | 25.57 0.29 0.00 | 24.99 0.38 0.00 | 24.68 0.41 0.00 | 25.53 0.42 0.00 | 34.60 0.77 0.00 | 40.20 1.29 0.00 | 42.52 1.41 0.00 | 44.81 1.63 0.00 | 42.05 1.55 0.00 | 34.55 1.16 0.08 | 30.70 0.96 0.04 |
| NCHELSEA_115KV_TR2 355582 | 29.35 1.13 0.00 | 26.23 0.87 0.00 | 25.87 0.81 0.00 | 25.49 0.76 0.00 | 25.45 0.79 0.00 | 26.00 0.95 0.00 | 28.91 1.19 0.00 | 36.50 1.54 0.00 | 26.37 1.16 0.00 | 25.20 1.16 0.00 | 24.51 1.24 0.00 | 23.97 1.22 0.00 | 27.10 1.36 -0.01 | 26.78 1.50 0.00 | 26.12 1.51 0.00 | 25.72 1.45 0.00 | 26.52 1.41 0.00 | 35.62 1.81 0.00 | 40.86 1.95 0.00 | 43.07 1.96 0.00 | 45.51 2.34 0.00 | 42.78 2.27 0.00 | 35.43 1.78 -0.19 | 31.33 1.46 -0.09 |
| NEG CAPITAL____MECHNVIL 23645 | 29.78 1.56 0.00 | 26.65 1.30 0.00 | 26.27 1.21 0.00 | 25.99 1.26 0.00 | 25.93 1.26 0.00 | 26.42 1.37 0.00 | 29.35 1.62 0.00 | 36.95 1.99 0.00 | 26.44 1.23 0.00 | 25.10 1.06 0.00 | 24.17 0.91 0.00 | 23.61 0.87 0.00 | 26.64 0.93 0.02 | 26.22 0.94 0.00 | 25.64 1.03 0.00 | 25.36 1.09 0.00 | 26.45 1.33 0.00 | 35.78 1.96 0.00 | 41.17 2.26 0.00 | 43.45 2.33 0.00 | 45.87 2.70 0.00 | 43.10 2.59 0.00 | 35.19 2.00 0.27 | 31.39 1.73 0.13 |
| NEG CENTRAL_HIGH_ACRES 23767 | 28.90 -0.69 -1.36 | 25.81 -0.51 -0.97 | 24.83 -0.48 -0.24 | 24.29 -0.49 -0.05 | 24.61 -0.51 -0.45 | 27.34 -0.52 -2.82 | 33.94 -0.69 -6.91 | 34.56 -0.78 -0.38 | 24.62 -0.58 0.00 | 23.43 -0.61 0.00 | 22.72 -0.55 0.00 | 22.37 -0.43 -0.05 | 25.36 -0.42 -0.05 | 24.79 -0.48 0.00 | 23.97 -0.63 0.00 | 23.65 -0.62 0.00 | 24.55 -0.56 0.00 | 33.24 -0.57 0.00 | 38.45 -0.46 0.00 | 40.55 -0.56 0.00 | 42.53 -0.64 0.00 | 39.66 -0.84 0.00 | 32.87 -0.59 0.00 | 29.22 -0.56 0.00 |

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| NEG CENTRAL___DRP 24199 | 29.76 -0.01 -1.54 | 26.48 0.03 -1.10 | 25.37 0.04 -0.27 | 24.85 0.06 -0.06 | 25.22 0.05 -0.50 | 28.32 0.08 -3.19 | 35.62 0.08 -7.81 | 35.56 0.18 -0.43 | 25.21 0.00 0.00 | 23.90 -0.14 0.00 | 23.09 -0.18 0.00 | 22.71 -0.08 -0.06 | 25.69 -0.09 -0.05 | 25.20 -0.08 0.00 | 24.42 -0.18 0.00 | 24.04 -0.23 0.00 | 24.97 -0.14 0.00 | 33.84 0.02 0.00 | 39.14 0.23 0.00 | 41.53 0.34 -0.07 | 43.79 0.29 -0.32 | 40.66 0.15 0.00 | 33.67 0.21 0.00 | 29.87 0.09 0.00 |
| NEG CENTRAL___INDECK 23768 | 28.99 0.77 0.00 | 26.16 0.80 0.00 | 25.88 0.83 0.00 | 25.53 0.81 0.00 | 25.47 0.80 0.00 | 25.87 0.83 0.00 | 28.66 0.94 0.00 | 36.22 1.27 0.00 | 25.75 0.54 0.00 | 24.24 0.20 0.00 | 23.51 0.24 0.00 | 23.13 0.39 0.00 | 26.24 0.50 0.00 | 25.84 0.56 0.00 | 24.88 0.27 0.00 | 24.38 0.11 0.00 | 25.29 0.18 0.00 | 34.38 0.56 0.00 | 40.38 1.47 0.00 | 42.97 1.85 0.00 | 45.08 1.91 0.00 | 41.91 1.40 0.00 | 34.75 1.29 0.00 | 30.87 1.09 0.00 |
| NEG CENTRAL___SENECA 23627 | 29.72 0.12 -1.38 | 26.49 0.15 -0.98 | 25.47 0.16 -0.24 | 24.97 0.19 -0.05 | 25.29 0.17 -0.45 | 28.12 0.21 -2.86 | 34.98 0.25 -7.00 | 35.72 0.38 -0.38 | 25.36 0.15 0.00 | 24.01 -0.03 0.00 | 23.19 -0.07 0.00 | 22.84 0.04 -0.05 | 25.83 0.06 -0.05 | 25.34 0.06 0.00 | 24.52 -0.08 0.00 | 24.10 -0.17 0.00 | 25.02 -0.09 0.00 | 33.99 0.17 0.00 | 39.32 0.41 0.00 | 41.72 0.57 -0.03 | 43.82 0.49 -0.15 | 40.84 0.33 0.00 | 33.84 0.38 0.00 | 30.03 0.25 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 29.80 -0.06 -1.64 | 26.50 -0.02 -1.16 | 25.33 -0.02 -0.29 | 24.79 0.00 -0.06 | 25.19 -0.01 -0.54 | 28.44 0.01 -3.38 | 35.99 -0.01 -8.28 | 35.55 0.14 -0.45 | 25.14 -0.07 0.00 | 23.91 -0.13 0.00 | 23.04 -0.23 0.00 | 22.61 -0.19 -0.06 | 25.60 -0.18 -0.05 | 25.08 -0.19 0.00 | 24.43 -0.17 0.00 | 24.11 -0.16 0.00 | 25.04 -0.08 0.00 | 33.86 0.05 0.00 | 39.16 0.26 0.00 | 41.42 0.20 -0.10 | 43.88 0.25 -0.45 | 40.68 0.17 0.00 | 33.65 0.19 0.00 | 29.80 0.02 0.00 |
| NEG MILLWOOD___DRP 24198 | 29.37 1.15 0.00 | 26.24 0.89 0.00 | 25.88 0.82 0.00 | 25.50 0.77 0.00 | 25.47 0.80 0.00 | 26.03 0.98 0.00 | 28.95 1.23 0.00 | 36.58 1.63 0.00 | 26.46 1.25 0.00 | 25.30 1.26 0.00 | 24.85 1.30 -0.28 | 24.57 1.28 -0.55 | 27.17 1.42 -0.01 | 26.83 1.55 0.00 | 26.21 1.61 0.00 | 25.85 1.58 0.00 | 26.61 1.50 0.00 | 35.73 1.91 0.00 | 40.96 2.05 0.00 | 43.17 2.06 0.00 | 45.63 2.46 0.00 | 42.91 2.40 0.00 | 35.56 1.88 -0.21 | 31.40 1.52 -0.10 |
| NEG NORTH_FLCN_SEA 23793 | 34.85 0.98 -5.65 | 30.13 0.78 -4.00 | 26.77 0.71 -1.00 | 25.62 0.68 -0.21 | 27.12 0.61 -1.85 | 37.41 0.72 -11.65 | 57.11 0.89 -28.50 | 37.54 1.02 -1.57 | 25.79 0.59 0.00 | 24.63 0.59 0.00 | 23.84 0.57 0.00 | 23.61 0.66 -0.20 | 26.62 0.70 -0.19 | 25.90 0.62 0.00 | 25.22 0.62 0.00 | 24.93 0.65 0.00 | 25.84 0.73 0.00 | 34.20 0.39 0.00 | 39.41 0.49 0.00 | 41.81 0.70 0.00 | 44.14 0.96 0.00 | 41.38 0.87 0.00 | 34.52 1.06 0.00 | 30.65 0.86 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 39.66 0.68 -10.76 | 33.57 0.59 -7.62 | 27.51 0.54 -1.91 | 25.63 0.50 -0.40 | 28.64 0.46 -3.52 | 47.76 0.52 -22.20 | 82.67 0.63 -54.31 | 38.71 0.77 -2.98 | 25.62 0.41 0.00 | 24.51 0.48 0.00 | 23.69 0.42 0.00 | 23.57 0.44 -0.38 | 26.55 0.46 -0.35 | 25.63 0.35 0.00 | 24.92 0.31 0.00 | 24.61 0.34 0.00 | 25.50 0.39 0.00 | 34.04 0.22 0.00 | 39.33 0.42 0.00 | 41.76 0.65 0.00 | 43.76 0.58 0.00 | 41.04 0.53 0.00 | 34.15 0.69 0.00 | 30.35 0.57 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 35.84 1.05 -6.57 | 30.87 0.86 -4.65 | 27.03 0.80 -1.17 | 25.74 0.77 -0.25 | 27.52 0.70 -2.15 | 39.40 0.80 -13.56 | 61.88 0.99 -33.17 | 37.96 1.18 -1.82 | 25.90 0.69 0.00 | 24.70 0.66 0.00 | 23.91 0.64 0.00 | 23.68 0.71 -0.23 | 26.70 0.76 -0.22 | 25.94 0.66 0.00 | 25.25 0.65 0.00 | 24.95 0.68 0.00 | 25.87 0.76 0.00 | 34.41 0.59 0.00 | 39.69 0.79 0.00 | 42.19 1.07 0.00 | 44.42 1.24 0.00 | 41.61 1.10 0.00 | 34.72 1.26 0.00 | 30.78 1.00 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 35.84 1.05 -6.57 | 30.87 0.86 -4.65 | 27.03 0.80 -1.17 | 25.74 0.77 -0.25 | 27.52 0.70 -2.15 | 39.40 0.80 -13.56 | 61.88 0.99 -33.17 | 37.96 1.18 -1.82 | 25.90 0.69 0.00 | 24.70 0.66 0.00 | 23.91 0.64 0.00 | 23.68 0.71 -0.23 | 26.70 0.76 -0.22 | 25.94 0.66 0.00 | 25.25 0.65 0.00 | 24.95 0.68 0.00 | 25.87 0.76 0.00 | 34.41 0.59 0.00 | 39.69 0.79 0.00 | 42.19 1.07 0.00 | 44.42 1.24 0.00 | 41.61 1.10 0.00 | 34.72 1.26 0.00 | 30.78 1.00 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 35.84 1.05 -6.57 | 30.87 0.86 -4.65 | 27.03 0.80 -1.17 | 25.74 0.76 -0.25 | 27.52 0.70 -2.15 | 39.40 0.80 -13.56 | 61.88 0.99 -33.17 | 37.96 1.18 -1.82 | 25.90 0.69 0.00 | 24.70 0.66 0.00 | 23.91 0.64 0.00 | 23.68 0.71 -0.23 | 26.70 0.75 -0.22 | 25.94 0.66 0.00 | 25.25 0.65 0.00 | 24.95 0.68 0.00 | 25.87 0.76 0.00 | 34.40 0.59 0.00 | 39.69 0.79 0.00 | 42.19 1.07 0.00 | 44.42 1.24 0.00 | 41.61 1.10 0.00 | 34.72 1.26 0.00 | 30.78 1.00 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 27.80 -0.42 0.00 | 25.28 -0.07 0.00 | 25.12 0.06 0.00 | 24.74 0.01 0.00 | 24.63 -0.04 0.00 | 24.86 -0.18 0.00 | 27.11 -0.61 0.00 | 34.26 -0.70 0.00 | 24.89 -0.32 0.00 | 23.80 -0.24 0.00 | 23.12 -0.14 0.00 | 22.84 0.10 0.00 | 25.88 0.15 0.00 | 25.09 -0.18 0.00 | 24.05 -0.55 0.00 | 23.65 -0.62 0.00 | 24.52 -0.59 0.00 | 33.10 -0.72 0.00 | 38.27 -0.64 0.00 | 40.22 -0.89 0.00 | 42.29 -0.89 0.00 | 39.43 -1.08 0.00 | 33.02 -0.44 0.00 | 29.57 -0.21 0.00 |
| NEG WEST___LANCASTER 23811 | 27.76 -0.46 0.00 | 25.13 -0.22 0.00 | 24.94 -0.12 0.00 | 24.59 -0.14 0.00 | 24.49 -0.17 0.00 | 24.79 -0.26 0.00 | 27.20 -0.52 0.00 | 34.44 -0.51 0.00 | 24.98 -0.23 0.00 | 23.92 -0.12 0.00 | 23.25 -0.01 0.00 | 22.95 0.21 0.00 | 26.00 0.26 0.00 | 25.27 0.00 0.00 | 24.24 -0.36 0.00 | 23.80 -0.47 0.00 | 24.66 -0.45 0.00 | 33.36 -0.46 0.00 | 38.52 -0.39 0.00 | 40.56 -0.56 0.00 | 42.56 -0.61 0.00 | 39.59 -0.92 0.00 | 33.08 -0.38 0.00 | 29.53 -0.25 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 28.30 0.08 0.00 | 25.43 0.07 0.00 | 25.13 0.07 0.00 | 24.86 0.13 0.00 | 24.75 0.08 0.00 | 25.16 0.12 0.00 | 28.02 0.30 0.00 | 35.37 0.41 0.00 | 25.45 0.24 0.00 | 24.24 0.20 0.00 | 23.45 0.18 0.00 | 23.02 0.27 0.00 | 25.97 0.23 0.00 | 25.50 0.22 0.00 | 24.75 0.14 0.00 | 24.32 0.05 0.00 | 25.20 0.09 0.00 | 34.07 0.25 0.00 | 39.25 0.34 0.00 | 41.58 0.41 -0.05 | 43.78 0.39 -0.21 | 40.73 0.22 0.00 | 33.72 0.26 0.00 | 29.94 0.16 0.00 |
| NEG___GEN_MONROE 24207 | 28.29 0.06 0.00 | 25.58 0.23 0.00 | 25.41 0.35 0.00 | 25.02 0.29 0.00 | 24.95 0.28 0.00 | 25.30 0.26 0.00 | 27.81 0.09 0.00 | 35.15 0.19 0.00 | 25.31 0.10 0.00 | 24.03 -0.01 0.00 | 23.29 0.02 0.00 | 22.91 0.16 0.00 | 25.98 0.25 0.00 | 25.45 0.17 0.00 | 24.56 -0.04 0.00 | 24.17 -0.10 0.00 | 25.08 -0.03 0.00 | 33.98 0.16 0.00 | 39.41 0.50 0.00 | 41.60 0.48 0.00 | 43.67 0.49 0.00 | 40.68 0.17 0.00 | 33.80 0.34 0.00 | 30.09 0.31 0.00 |
| NEPA___ENERGY 23901 | 27.77 -0.45 0.00 | 25.06 -0.30 0.00 | 24.77 -0.29 0.00 | 24.54 -0.19 0.00 | 24.37 -0.29 0.00 | 24.74 -0.31 0.00 | 27.29 -0.43 0.00 | 34.52 -0.43 0.00 | 25.02 -0.19 0.00 | 23.96 -0.08 0.00 | 23.22 -0.04 0.00 | 23.02 0.27 0.00 | 26.05 0.31 0.00 | 25.47 0.19 0.00 | 24.42 -0.18 0.00 | 23.81 -0.46 0.00 | 24.71 -0.40 0.00 | 33.47 -0.35 0.00 | 38.60 -0.31 0.00 | 40.83 -0.29 0.00 | 42.70 -0.47 0.00 | 39.64 -0.87 0.00 | 33.10 -0.37 0.00 | 29.51 -0.27 0.00 |

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| NEVERSINK___HYD 23608 | 28.72 0.50 0.00 | 25.68 0.32 0.00 | 25.32 0.26 0.00 | 24.97 0.24 0.00 | 24.93 0.26 0.00 | 25.44 0.40 0.00 | 28.31 0.59 0.00 | 35.75 0.79 0.00 | 25.85 0.65 0.00 | 24.65 0.61 0.00 | 23.87 0.60 0.00 | 23.33 0.59 0.00 | 26.36 0.63 -0.01 | 25.92 0.64 0.00 | 24.66 0.05 0.00 | 24.31 0.04 0.00 | 25.10 -0.02 0.00 | 33.80 -0.02 0.00 | 38.90 -0.01 0.00 | 41.06 -0.05 0.00 | 43.54 0.36 0.00 | 41.98 1.47 0.00 | 34.72 1.11 -0.14 | 30.70 0.85 -0.07 |
| NEWKRMKL_115KV_TB1 55635 | 28.54 0.32 0.00 | 25.59 0.24 0.00 | 25.26 0.20 0.00 | 24.95 0.22 0.00 | 24.89 0.23 0.00 | 25.29 0.25 0.00 | 28.04 0.32 0.00 | 35.23 0.27 0.00 | 25.44 0.23 0.00 | 24.27 0.23 0.00 | 23.47 0.21 0.00 | 22.95 0.21 0.00 | 25.91 0.19 0.01 | 25.48 0.20 0.00 | 24.89 0.28 0.00 | 24.58 0.31 0.00 | 25.35 0.24 0.00 | 34.16 0.34 0.00 | 39.28 0.37 0.00 | 41.42 0.31 0.00 | 43.71 0.53 0.00 | 41.11 0.61 0.00 | 33.70 0.43 0.19 | 30.06 0.37 0.09 |
| NEWTON___FALLS_HYD 23847 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.83 0.89 -99.89 | 273.11 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.54 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| NGRID_A1_DSASP 323792 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.31 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.06 0.00 | 33.65 -1.30 0.00 | 24.51 -0.70 0.00 | 23.48 -0.55 0.00 | 22.84 -0.42 0.00 | 22.57 -0.18 0.00 | 25.57 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.93 0.00 | 24.19 -0.93 0.00 | 32.66 -1.15 0.00 | 37.69 -1.22 0.00 | 39.60 -1.51 0.00 | 41.67 -1.51 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| NGRID_A2_DSASP 323793 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.31 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.06 0.00 | 33.65 -1.30 0.00 | 24.51 -0.70 0.00 | 23.48 -0.55 0.00 | 22.84 -0.42 0.00 | 22.57 -0.18 0.00 | 25.57 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.93 0.00 | 24.19 -0.93 0.00 | 32.66 -1.15 0.00 | 37.69 -1.22 0.00 | 39.60 -1.51 0.00 | 41.67 -1.51 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| NGRID_A4_DSASP 323807 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.31 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.06 0.00 | 33.65 -1.30 0.00 | 24.51 -0.70 0.00 | 23.48 -0.55 0.00 | 22.84 -0.42 0.00 | 22.57 -0.18 0.00 | 25.57 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.93 0.00 | 24.19 -0.93 0.00 | 32.66 -1.15 0.00 | 37.69 -1.22 0.00 | 39.60 -1.51 0.00 | 41.67 -1.51 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| NIAGARA_115E_LBMP 323715 | 27.48 -0.74 0.00 | 25.02 -0.33 0.00 | 24.87 -0.19 0.00 | 24.49 -0.24 0.00 | 24.38 -0.29 0.00 | 24.58 -0.46 0.00 | 26.75 -0.98 0.00 | 33.79 -1.17 0.00 | 24.59 -0.62 0.00 | 23.55 -0.49 0.00 | 22.87 -0.39 0.00 | 22.60 -0.14 0.00 | 25.60 -0.13 0.00 | 24.80 -0.48 0.00 | 23.75 -0.85 0.00 | 23.36 -0.91 0.00 | 24.22 -0.90 0.00 | 32.59 -1.23 0.00 | 37.57 -1.34 0.00 | 39.46 -1.66 0.00 | 41.53 -1.64 0.00 | 38.77 -1.73 0.00 | 32.51 -0.95 0.00 | 29.14 -0.64 0.00 |
| NIAGARA_115W_LBMP 323714 | 27.36 -0.86 0.00 | 24.90 -0.45 0.00 | 24.75 -0.31 0.00 | 24.37 -0.36 0.00 | 24.27 -0.40 0.00 | 24.45 -0.59 0.00 | 26.61 -1.11 0.00 | 33.59 -1.37 0.00 | 24.47 -0.75 0.00 | 23.44 -0.60 0.00 | 22.80 -0.47 0.00 | 22.53 -0.22 0.00 | 25.52 -0.21 0.00 | 24.72 -0.56 0.00 | 23.67 -0.93 0.00 | 23.29 -0.98 0.00 | 24.13 -0.98 0.00 | 32.60 -1.22 0.00 | 37.61 -1.30 0.00 | 39.51 -1.60 0.00 | 41.58 -1.60 0.00 | 38.75 -1.76 0.00 | 32.64 -0.82 0.00 | 29.33 -0.45 0.00 |
| NIAGARA_230_LBMP 323716 | 27.56 -0.66 0.00 | 25.06 -0.30 0.00 | 24.90 -0.16 0.00 | 24.52 -0.20 0.00 | 24.42 -0.25 0.00 | 24.63 -0.41 0.00 | 26.83 -0.89 0.00 | 33.90 -1.06 0.00 | 24.65 -0.55 0.00 | 23.62 -0.42 0.00 | 22.96 -0.31 0.00 | 22.68 -0.07 0.00 | 25.69 -0.04 0.00 | 24.90 -0.38 0.00 | 23.85 -0.75 0.00 | 23.47 -0.81 0.00 | 24.32 -0.79 0.00 | 32.84 -0.98 0.00 | 37.89 -1.02 0.00 | 39.84 -1.27 0.00 | 41.90 -1.28 0.00 | 39.04 -1.47 0.00 | 32.74 -0.72 0.00 | 29.35 -0.43 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 27.37 -0.86 0.00 | 24.90 -0.45 0.00 | 24.76 -0.31 0.00 | 24.37 -0.36 0.00 | 24.27 -0.40 0.00 | 24.46 -0.59 0.00 | 26.62 -1.10 0.00 | 33.59 -1.37 0.00 | 24.46 -0.75 0.00 | 23.44 -0.59 0.00 | 22.80 -0.47 0.00 | 22.53 -0.22 0.00 | 25.52 -0.21 0.00 | 24.72 -0.56 0.00 | 23.67 -0.94 0.00 | 23.29 -0.98 0.00 | 24.14 -0.97 0.00 | 32.60 -1.22 0.00 | 37.65 -1.26 0.00 | 39.52 -1.60 0.00 | 41.56 -1.62 0.00 | 38.75 -1.76 0.00 | 32.64 -0.82 0.00 | 29.33 -0.45 0.00 |
| NIAGARA____ 23760 | 27.56 -0.66 0.00 | 25.06 -0.30 0.00 | 24.90 -0.16 0.00 | 24.52 -0.20 0.00 | 24.42 -0.25 0.00 | 24.63 -0.41 0.00 | 26.83 -0.89 0.00 | 33.90 -1.06 0.00 | 24.65 -0.55 0.00 | 23.62 -0.42 0.00 | 22.96 -0.31 0.00 | 22.68 -0.07 0.00 | 25.69 -0.04 0.00 | 24.90 -0.38 0.00 | 23.85 -0.75 0.00 | 23.47 -0.81 0.00 | 24.32 -0.79 0.00 | 32.84 -0.98 0.00 | 37.89 -1.02 0.00 | 39.84 -1.27 0.00 | 41.90 -1.28 0.00 | 39.04 -1.47 0.00 | 32.74 -0.72 0.00 | 29.35 -0.43 0.00 |
| NINE_MILE_1 23575 | 27.34 -0.88 0.00 | 24.60 -0.75 0.00 | 24.32 -0.74 0.00 | 24.00 -0.73 0.00 | 23.93 -0.73 0.00 | 24.28 -0.76 0.00 | 26.77 -0.95 0.00 | 33.79 -1.17 0.00 | 24.34 -0.87 0.00 | 23.17 -0.86 0.00 | 22.44 -0.83 0.00 | 21.96 -0.79 0.00 | 24.84 -0.89 0.00 | 24.39 -0.88 0.00 | 23.71 -0.89 0.00 | 23.40 -0.88 0.00 | 24.24 -0.88 0.00 | 32.66 -1.15 0.00 | 37.64 -1.27 0.00 | 38.96 -1.35 0.81 | 38.26 -1.41 3.51 | 39.14 -1.36 0.00 | 32.39 -1.07 0.00 | 28.83 -0.95 0.00 |
| NINE_MILE_2 23744 | 27.34 -0.88 0.00 | 24.60 -0.75 0.00 | 24.32 -0.74 0.00 | 24.00 -0.73 0.00 | 23.93 -0.73 0.00 | 24.29 -0.76 0.00 | 26.78 -0.94 0.00 | 33.79 -1.16 0.00 | 24.34 -0.87 0.00 | 23.18 -0.86 0.00 | 22.44 -0.83 0.00 | 21.96 -0.79 0.00 | 24.84 -0.89 0.00 | 24.39 -0.88 0.00 | 23.71 -0.89 0.00 | 23.40 -0.88 0.00 | 24.24 -0.88 0.00 | 32.67 -1.15 0.00 | 37.64 -1.27 0.00 | 38.94 -1.35 0.82 | 38.21 -1.40 3.56 | 39.15 -1.36 0.00 | 32.40 -1.06 0.00 | 28.83 -0.95 0.00 |
| NM_CAPITAL___DRP 24208 | 28.61 0.39 0.00 | 25.66 0.30 0.00 | 25.32 0.26 0.00 | 25.01 0.28 0.00 | 24.94 0.27 0.00 | 25.35 0.31 0.00 | 28.10 0.38 0.00 | 35.32 0.37 0.00 | 25.50 0.29 0.00 | 24.34 0.30 0.00 | 23.65 0.27 -0.11 | 23.24 0.27 -0.22 | 25.97 0.25 0.01 | 25.53 0.25 0.00 | 24.94 0.34 0.00 | 24.62 0.35 0.00 | 25.40 0.28 0.00 | 34.19 0.37 0.00 | 39.29 0.38 0.00 | 41.45 0.34 0.00 | 43.76 0.59 0.00 | 41.18 0.67 0.00 | 33.74 0.48 0.21 | 30.10 0.42 0.10 |
| NM_CENTRAL___DRP 24181 | 30.15 -0.44 -2.37 | 26.66 -0.37 -1.68 | 25.12 -0.37 -0.42 | 24.46 -0.35 -0.09 | 25.08 -0.36 -0.78 | 29.56 -0.37 -4.89 | 39.19 -0.49 -11.96 | 35.03 -0.58 -0.66 | 24.74 -0.47 0.00 | 23.55 -0.48 0.00 | 22.82 -0.45 0.00 | 22.44 -0.39 -0.08 | 25.35 -0.46 -0.08 | 24.83 -0.44 0.00 | 24.11 -0.49 0.00 | 23.79 -0.48 0.00 | 24.67 -0.44 0.00 | 33.30 -0.51 0.00 | 38.40 -0.51 0.00 | 40.63 -0.55 -0.06 | 42.88 -0.57 -0.27 | 39.90 -0.61 0.00 | 32.99 -0.47 0.00 | 29.34 -0.44 0.00 |

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| NM_FRONTIER___DRP 24179 | 27.37 -0.86 0.00 | 24.90 -0.45 0.00 | 24.76 -0.31 0.00 | 24.37 -0.36 0.00 | 24.27 -0.40 0.00 | 24.46 -0.59 0.00 | 26.62 -1.10 0.00 | 33.59 -1.37 0.00 | 24.46 -0.75 0.00 | 23.44 -0.59 0.00 | 22.80 -0.47 0.00 | 22.53 -0.22 0.00 | 25.52 -0.21 0.00 | 24.72 -0.56 0.00 | 23.67 -0.94 0.00 | 23.29 -0.98 0.00 | 24.14 -0.97 0.00 | 32.60 -1.22 0.00 | 37.65 -1.26 0.00 | 39.52 -1.60 0.00 | 41.56 -1.62 0.00 | 38.75 -1.76 0.00 | 32.64 -0.82 0.00 | 29.33 -0.45 0.00 |
| NM_ST_REGIS___HYD 24053 | 91.07 0.84 -62.00 | 70.09 0.80 -43.93 | 36.82 0.76 -11.01 | 27.78 0.72 -2.33 | 45.70 0.74 -20.30 | 153.78 0.75 -127.98 | 341.66 0.87 -313.07 | 53.21 1.05 -17.21 | 25.76 0.56 0.00 | 24.52 0.48 0.00 | 23.68 0.41 0.00 | 25.37 0.43 -2.20 | 28.22 0.45 -2.04 | 25.57 0.29 0.00 | 24.80 0.20 0.00 | 24.49 0.22 0.00 | 25.27 0.16 0.00 | 33.88 0.06 0.00 | 39.31 0.40 0.00 | 41.77 0.66 0.00 | 43.83 0.65 0.00 | 41.27 0.76 0.00 | 34.03 0.57 0.00 | 30.46 0.68 0.00 |
| NORTHPORT___1 23551 | 29.40 1.18 0.00 | 26.24 0.89 0.00 | 25.93 0.87 0.00 | 25.59 0.86 0.00 | 25.56 0.89 0.00 | 26.10 1.06 0.00 | 29.13 1.41 0.00 | 36.57 1.61 0.00 | 26.41 1.20 0.00 | 25.37 1.33 0.00 | 25.69 1.53 -0.89 | 25.86 1.33 -1.78 | 38.65 1.54 -11.38 | 61.49 1.67 -34.54 | 41.80 1.61 -15.59 | 37.79 1.50 -12.02 | 41.61 1.29 -15.21 | 47.85 1.48 -12.55 | 40.67 1.76 0.00 | 43.18 1.66 -0.40 | 47.85 2.21 -2.46 | 43.95 2.48 -0.96 | 37.29 2.20 -1.63 | 31.47 1.57 -0.12 |
| NORTHPORT___2 23552 | 29.40 1.18 0.00 | 26.24 0.89 0.00 | 25.93 0.87 0.00 | 25.59 0.86 0.00 | 25.56 0.89 0.00 | 26.10 1.06 0.00 | 29.13 1.41 0.00 | 36.57 1.61 0.00 | 26.41 1.20 0.00 | 25.37 1.33 0.00 | 25.69 1.53 -0.89 | 25.86 1.33 -1.78 | 38.65 1.54 -11.38 | 61.49 1.67 -34.54 | 41.80 1.61 -15.59 | 37.79 1.50 -12.02 | 41.61 1.29 -15.21 | 47.85 1.48 -12.55 | 40.67 1.76 0.00 | 43.18 1.66 -0.40 | 47.85 2.21 -2.46 | 43.95 2.48 -0.96 | 37.29 2.20 -1.63 | 31.47 1.57 -0.12 |
| NORTHPORT___3 23553 | 28.92 0.69 0.00 | 25.80 0.45 0.00 | 25.45 0.39 0.00 | 24.99 0.39 0.13 | 24.96 0.42 0.12 | 25.64 0.60 0.00 | 28.48 0.77 0.01 | 35.80 0.84 0.00 | 25.06 0.65 0.81 | 22.08 0.86 2.82 | 25.47 1.31 -0.89 | 25.73 1.20 -1.78 | 38.55 1.34 -11.48 | 61.71 1.57 -34.85 | 41.93 1.59 -15.73 | 37.87 1.47 -12.13 | 41.64 1.18 -15.34 | 47.79 1.31 -12.67 | 40.47 1.56 0.00 | 42.93 1.41 -0.41 | 47.41 1.75 -2.49 | 43.58 2.10 -0.97 | 37.00 1.90 -1.64 | 31.22 1.33 -0.12 |
| NORTHPORT___4 23650 | 28.92 0.69 0.00 | 25.80 0.45 0.00 | 25.45 0.39 0.00 | 24.99 0.39 0.13 | 24.96 0.42 0.12 | 25.64 0.60 0.00 | 28.48 0.77 0.01 | 35.80 0.84 0.00 | 25.06 0.65 0.81 | 22.08 0.86 2.82 | 25.47 1.31 -0.89 | 25.73 1.20 -1.78 | 38.55 1.34 -11.48 | 61.71 1.57 -34.85 | 41.93 1.59 -15.73 | 37.87 1.47 -12.13 | 41.64 1.18 -15.34 | 47.79 1.31 -12.67 | 40.47 1.56 0.00 | 42.93 1.41 -0.41 | 47.41 1.75 -2.49 | 43.58 2.10 -0.97 | 37.00 1.90 -1.64 | 31.22 1.33 -0.12 |
| NORTHPORT___IC 23718 | 29.40 1.18 0.00 | 26.24 0.89 0.00 | 25.93 0.87 0.00 | 25.59 0.86 0.00 | 25.55 0.88 0.00 | 26.10 1.06 0.00 | 29.13 1.41 0.00 | 36.57 1.61 0.00 | 26.41 1.20 0.00 | 25.38 1.34 0.00 | 25.69 1.53 -0.89 | 25.86 1.33 -1.78 | 38.65 1.54 -11.38 | 61.49 1.67 -34.54 | 41.80 1.62 -15.59 | 37.79 1.50 -12.02 | 41.60 1.28 -15.21 | 47.84 1.47 -12.55 | 40.67 1.75 0.00 | 43.18 1.66 -0.40 | 47.85 2.21 -2.47 | 43.95 2.49 -0.96 | 37.29 2.20 -1.63 | 31.47 1.57 -0.12 |
| NORTH___COUNTRY_ESR 323785 | 39.68 0.59 -10.87 | 33.57 0.51 -7.70 | 27.47 0.48 -1.93 | 25.57 0.43 -0.41 | 28.62 0.40 -3.56 | 47.92 0.44 -22.43 | 83.12 0.53 -54.88 | 38.60 0.62 -3.02 | 25.58 0.37 0.00 | 24.46 0.42 0.00 | 23.66 0.40 0.00 | 23.55 0.42 -0.39 | 26.54 0.45 -0.36 | 25.63 0.35 0.00 | 24.91 0.31 0.00 | 24.61 0.33 0.00 | 25.50 0.39 0.00 | 34.04 0.22 0.00 | 39.26 0.35 0.00 | 41.64 0.52 0.00 | 43.61 0.43 0.00 | 40.91 0.41 0.00 | 34.00 0.54 0.00 | 30.27 0.49 0.00 |
| NPX_GEN_1385_PROXY 323591 | 29.36 1.14 0.00 | 26.19 0.84 0.00 | 25.89 0.83 0.00 | 25.56 0.83 0.00 | 25.51 0.85 0.00 | 25.76 0.98 0.25 | 29.26 1.54 0.00 | 36.52 1.56 0.00 | 26.27 1.06 0.00 | 25.16 1.12 0.00 | 25.34 1.18 -0.89 | 11.54 0.90 12.10 | 13.94 1.05 12.84 | 12.49 1.20 13.99 | 7.77 1.16 18.00 | 18.83 1.06 6.50 | 26.50 0.83 -0.56 | 47.28 0.91 -12.55 | 40.16 1.25 0.00 | 42.64 1.12 -0.40 | 47.27 1.63 -2.46 | 43.71 2.24 -0.96 | 37.03 1.94 -1.63 | 31.35 1.46 -0.12 |
| NPX_GEN_CSC 323557 | 29.51 1.29 0.00 | 26.36 1.01 0.00 | 26.19 1.13 0.00 | 27.47 1.25 -1.49 | 27.33 1.26 -1.40 | 26.20 1.36 0.21 | 29.54 1.70 -0.11 | 36.98 2.02 0.00 | 35.73 1.49 -9.02 | 57.38 1.72 -31.62 | 26.03 1.87 -0.89 | 26.04 1.51 -1.78 | 38.99 1.72 -11.54 | 65.02 1.45 -38.30 | 42.19 1.78 -15.81 | 37.89 1.43 -12.19 | 41.82 1.28 -15.42 | 48.14 1.60 -12.73 | 40.83 1.92 0.00 | 43.31 1.78 -0.41 | 48.29 2.61 -2.50 | 44.20 2.71 -0.98 | 37.67 2.56 -1.65 | 31.51 1.62 -0.12 |
| NSINS_S_GLNS_FALLS 23858 | 30.51 2.29 0.00 | 27.25 1.89 0.00 | 26.83 1.78 0.00 | 26.59 1.86 0.00 | 26.51 1.84 0.00 | 27.06 2.02 0.00 | 30.08 2.36 0.00 | 37.87 2.92 0.00 | 26.99 1.79 0.00 | 25.54 1.50 0.00 | 24.52 1.25 0.00 | 23.91 1.16 0.00 | 26.95 1.23 0.02 | 26.55 1.27 0.00 | 26.00 1.39 0.00 | 25.77 1.50 0.00 | 27.08 1.97 0.00 | 36.73 2.92 0.00 | 42.30 3.39 0.00 | 44.69 3.58 0.00 | 47.30 4.13 0.00 | 44.40 3.90 0.00 | 36.23 3.02 0.25 | 32.36 2.70 0.12 |
| NUCOR_STEEL___DRP 24197 | 29.80 -0.10 -1.68 | 26.49 -0.06 -1.19 | 25.30 -0.06 -0.30 | 24.75 -0.04 -0.06 | 25.17 -0.05 -0.55 | 28.47 -0.04 -3.46 | 36.14 -0.07 -8.48 | 35.51 0.08 -0.47 | 25.10 -0.11 0.00 | 23.89 -0.15 0.00 | 23.01 -0.25 0.00 | 22.59 -0.21 -0.06 | 25.56 -0.22 -0.06 | 25.05 -0.23 0.00 | 24.42 -0.18 0.00 | 24.10 -0.17 0.00 | 25.03 -0.08 0.00 | 33.84 0.02 0.00 | 39.12 0.21 0.00 | 41.35 0.12 -0.11 | 43.85 0.19 -0.48 | 40.61 0.11 0.00 | 33.61 0.15 0.00 | 29.75 -0.04 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 50.46 1.14 -21.10 | 41.31 1.00 -14.95 | 29.75 0.95 -3.75 | 26.46 0.94 -0.79 | 32.54 0.97 -6.91 | 69.66 1.06 -43.56 | 135.54 1.25 -106.56 | 42.25 1.44 -5.86 | 25.88 0.67 0.00 | 24.41 0.37 0.00 | 23.52 0.25 0.00 | 23.71 0.21 -0.75 | 26.45 0.03 -0.69 | 25.05 -0.23 0.00 | 24.35 -0.25 0.00 | 24.11 -0.16 0.00 | 25.16 0.05 0.00 | 34.10 0.28 0.00 | 39.94 1.03 0.00 | 42.53 1.37 -0.05 | 45.01 1.63 -0.20 | 42.44 1.94 0.00 | 34.86 1.39 0.00 | 30.99 1.21 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 28.22 0.00 0.00 | 25.36 0.00 0.00 | 25.06 0.00 0.00 | 24.73 0.00 0.00 | 24.67 0.00 0.00 | 25.04 0.00 0.00 | 27.72 0.00 0.00 | 34.96 0.00 0.00 | 25.21 0.00 0.00 | 24.04 0.00 0.00 | 23.27 0.00 0.00 | 22.74 0.00 0.00 | 25.73 0.00 0.00 | 25.28 0.00 0.00 | 24.60 0.00 0.00 | 24.27 0.00 0.00 | 25.11 0.00 0.00 | 33.82 0.00 0.00 | 38.91 0.00 0.00 | 41.11 0.00 0.00 | 43.17 0.00 0.00 | 40.51 0.00 0.00 | 33.46 0.00 0.00 | 29.78 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 29.71 1.49 0.00 | 26.50 1.15 0.00 | 26.19 1.13 0.00 | 26.15 1.10 -0.31 | 26.09 1.13 -0.29 | 26.37 1.32 -0.01 | 29.42 1.68 -0.02 | 36.86 1.90 0.00 | 28.50 1.40 -1.89 | 32.20 1.54 -6.63 | 25.91 1.75 -0.89 | 26.09 1.56 -1.78 | 39.33 1.86 -11.74 | 62.89 2.00 -35.61 | 42.66 1.98 -16.07 | 38.52 1.85 -12.40 | 42.52 1.73 -15.68 | 48.89 2.13 -12.94 | 41.45 2.53 0.00 | 43.97 2.44 -0.41 | 48.72 3.00 -2.54 | 44.64 3.14 -0.99 | 37.82 2.69 -1.67 | 31.85 1.95 -0.12 |

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| NYPA_GOWANUS____GT5 24156 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.63 1.52 0.00 | 35.70 1.88 0.00 | 40.82 1.91 0.00 | 43.06 1.94 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NYPA_GOWANUS____GT6 24157 | 29.42 1.20 0.00 | 26.34 0.98 -0.01 | 25.94 0.88 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.07 1.03 0.00 | 29.03 1.30 0.00 | 36.75 1.80 0.00 | 26.59 1.38 -0.01 | 25.49 1.45 0.00 | 25.67 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.34 1.73 0.00 | 25.93 1.65 0.00 | 26.63 1.52 0.00 | 35.70 1.88 0.00 | 40.82 1.91 0.00 | 43.06 1.94 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |
| NYPA_HARLEM__RVR__GT1 24160 | 29.29 1.07 0.00 | 26.29 0.92 -0.01 | 25.94 0.87 -0.01 | 25.53 0.80 0.00 | 25.51 0.84 -0.01 | 26.05 1.00 0.00 | 28.94 1.22 0.00 | 36.66 1.71 0.00 | 26.58 1.37 -0.01 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.35 1.60 -0.02 | 27.00 1.72 -0.01 | 26.27 1.66 0.00 | 25.86 1.59 0.00 | 26.58 1.46 0.00 | 35.51 1.69 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.54 2.37 0.00 | 42.91 2.40 0.00 | 35.66 1.96 -0.25 | 31.45 1.56 -0.12 |
| NYPA_HARLEM__RVR__GT2 24161 | 29.29 1.07 0.00 | 26.29 0.92 -0.01 | 25.94 0.87 -0.01 | 25.53 0.80 0.00 | 25.51 0.84 -0.01 | 26.05 1.00 0.00 | 28.94 1.22 0.00 | 36.66 1.71 0.00 | 26.58 1.37 -0.01 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.35 1.60 -0.02 | 27.00 1.72 -0.01 | 26.27 1.66 0.00 | 25.86 1.59 0.00 | 26.58 1.46 0.00 | 35.51 1.69 0.00 | 40.67 1.76 0.00 | 42.88 1.76 0.00 | 45.54 2.37 0.00 | 42.91 2.40 0.00 | 35.66 1.96 -0.25 | 31.45 1.56 -0.12 |
| NYPA_KENT____GT 24152 | 29.38 1.16 0.00 | 26.31 0.95 -0.01 | 25.93 0.87 0.00 | 25.53 0.79 0.00 | 25.50 0.83 0.00 | 26.06 1.01 0.00 | 29.00 1.28 0.00 | 36.73 1.77 0.00 | 26.60 1.39 -0.01 | 25.51 1.47 0.00 | 25.68 1.52 -0.90 | 26.03 1.50 -1.79 | 27.43 1.69 -0.02 | 27.07 1.79 -0.01 | 26.35 1.74 0.00 | 25.93 1.66 0.00 | 26.64 1.53 0.00 | 35.67 1.85 0.00 | 40.78 1.87 0.00 | 43.00 1.88 0.00 | 45.63 2.46 0.00 | 42.99 2.48 0.00 | 35.71 2.01 -0.25 | 31.50 1.60 -0.12 |
| NYPA_POUCH1____GT 24155 | 29.48 1.26 0.00 | 26.40 1.03 -0.01 | 25.99 0.93 0.00 | 25.57 0.83 0.00 | 25.53 0.86 0.00 | 26.10 1.05 0.00 | 29.05 1.33 0.00 | 36.76 1.80 0.00 | 26.53 1.31 -0.01 | 25.41 1.37 0.00 | 25.58 1.42 -0.90 | 25.93 1.40 -1.79 | 27.35 1.61 -0.02 | 27.00 1.71 -0.01 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.44 0.00 | 35.60 1.78 0.00 | 40.74 1.83 0.00 | 43.00 1.88 0.00 | 45.63 2.46 0.00 | 42.95 2.44 0.00 | 35.67 1.97 -0.25 | 31.47 1.57 -0.12 |
| NYPA_VERNON____GT2 24162 | 29.34 1.12 0.00 | 26.28 0.92 -0.01 | 25.92 0.86 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.05 1.01 0.00 | 28.99 1.27 0.00 | 36.70 1.74 0.00 | 26.61 1.40 -0.01 | 25.52 1.48 0.00 | 25.70 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.02 | 27.07 1.78 -0.01 | 26.36 1.75 0.00 | 25.94 1.66 0.00 | 26.64 1.53 0.00 | 35.65 1.83 0.00 | 40.74 1.83 0.00 | 42.93 1.82 0.00 | 45.57 2.40 0.00 | 42.95 2.45 0.00 | 35.68 1.98 -0.25 | 31.48 1.58 -0.12 |
| NYPA_VERNON____GT3 24163 | 29.34 1.12 0.00 | 26.28 0.92 -0.01 | 25.92 0.86 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.05 1.01 0.00 | 28.99 1.27 0.00 | 36.70 1.74 0.00 | 26.61 1.40 -0.01 | 25.52 1.48 0.00 | 25.70 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.02 | 27.07 1.78 -0.01 | 26.36 1.75 0.00 | 25.94 1.66 0.00 | 26.64 1.53 0.00 | 35.65 1.83 0.00 | 40.74 1.83 0.00 | 42.93 1.82 0.00 | 45.57 2.40 0.00 | 42.95 2.45 0.00 | 35.68 1.98 -0.25 | 31.48 1.58 -0.12 |
| NYPA____ASTORIA_CC1 323568 | 29.31 1.09 0.00 | 26.28 0.91 -0.01 | 25.92 0.85 0.00 | 25.52 0.79 0.00 | 25.50 0.82 0.00 | 26.04 0.99 0.00 | 28.97 1.25 0.00 | 36.67 1.71 0.00 | 26.60 1.38 -0.01 | 25.52 1.48 0.00 | 25.69 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.02 | 27.05 1.77 -0.01 | 26.34 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.60 1.78 0.00 | 40.68 1.76 0.00 | 42.88 1.76 0.00 | 45.52 2.34 0.00 | 42.92 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| NYPA____ASTORIA_CC2 323569 | 29.31 1.09 0.00 | 26.28 0.91 -0.01 | 25.92 0.85 0.00 | 25.52 0.79 0.00 | 25.50 0.82 0.00 | 26.04 0.99 0.00 | 28.97 1.25 0.00 | 36.67 1.71 0.00 | 26.60 1.38 -0.01 | 25.52 1.48 0.00 | 25.69 1.52 -0.90 | 26.03 1.50 -1.79 | 27.40 1.66 -0.02 | 27.05 1.77 -0.01 | 26.34 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.60 1.78 0.00 | 40.68 1.76 0.00 | 42.88 1.76 0.00 | 45.52 2.34 0.00 | 42.92 2.41 0.00 | 35.65 1.94 -0.25 | 31.42 1.53 -0.12 |
| NYPA____HOLTSVILL 23794 | 29.51 1.29 0.00 | 26.35 1.00 0.00 | 26.07 1.01 0.00 | 27.23 1.04 -1.46 | 27.11 1.06 -1.38 | 26.32 1.23 -0.04 | 29.39 1.56 -0.11 | 36.80 1.85 0.00 | 35.43 1.36 -8.86 | 56.61 1.52 -31.05 | 25.89 1.74 -0.89 | 26.01 1.49 -1.78 | 38.94 1.68 -11.53 | 61.98 1.72 -34.98 | 42.18 1.79 -15.79 | 38.06 1.61 -12.18 | 41.97 1.46 -15.40 | 48.31 1.78 -12.71 | 41.02 2.11 0.00 | 43.51 1.99 -0.41 | 48.28 2.61 -2.50 | 44.29 2.81 -0.97 | 37.58 2.47 -1.65 | 31.61 1.71 -0.12 |
| NYPA____HELLGATE_GT1 24158 | 29.29 1.07 0.00 | 26.29 0.92 -0.01 | 25.94 0.87 -0.01 | 25.53 0.80 0.00 | 25.51 0.84 -0.01 | 26.05 1.00 0.00 | 28.94 1.22 -0.01 | 36.67 1.71 -0.01 | 26.58 1.37 -0.01 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.35 1.60 -0.02 | 27.00 1.72 -0.01 | 26.27 1.66 0.00 | 25.86 1.59 0.00 | 26.58 1.46 0.00 | 35.51 1.69 0.00 | 40.67 1.76 0.00 | 42.86 1.74 0.00 | 45.51 2.33 0.00 | 42.90 2.39 0.00 | 35.66 1.96 -0.25 | 31.45 1.56 -0.12 |
| NYPA____HELLGATE_GT2 24159 | 29.29 1.07 0.00 | 26.29 0.92 -0.01 | 25.94 0.87 -0.01 | 25.53 0.80 0.00 | 25.51 0.84 -0.01 | 26.05 1.00 0.00 | 28.94 1.22 -0.01 | 36.67 1.71 -0.01 | 26.58 1.37 -0.01 | 25.48 1.44 0.00 | 25.63 1.46 -0.90 | 25.98 1.45 -1.79 | 27.35 1.60 -0.02 | 27.00 1.72 -0.01 | 26.27 1.66 0.00 | 25.86 1.59 0.00 | 26.58 1.46 0.00 | 35.51 1.69 0.00 | 40.67 1.76 0.00 | 42.86 1.74 0.00 | 45.51 2.33 0.00 | 42.90 2.39 0.00 | 35.66 1.96 -0.25 | 31.45 1.56 -0.12 |
| NYS_BARGE__HYD 23848 | 27.82 -0.40 0.00 | 25.30 -0.06 0.00 | 25.14 0.08 0.00 | 24.74 0.01 0.00 | 24.64 -0.03 0.00 | 24.87 -0.17 0.00 | 27.12 -0.60 0.00 | 34.28 -0.68 0.00 | 24.90 -0.31 0.00 | 23.81 -0.23 0.00 | 23.13 -0.14 0.00 | 22.85 0.11 0.00 | 25.88 0.15 0.00 | 25.10 -0.18 0.00 | 24.05 -0.55 0.00 | 23.65 -0.62 0.00 | 24.53 -0.59 0.00 | 33.10 -0.72 0.00 | 38.24 -0.67 0.00 | 40.23 -0.89 0.00 | 42.33 -0.85 0.00 | 39.44 -1.06 0.00 | 33.03 -0.43 0.00 | 29.58 -0.20 0.00 |
| OAK ORCHARD__HYD 24046 | 28.08 -0.14 0.00 | 25.36 0.00 0.00 | 25.10 0.05 0.00 | 24.74 0.01 0.00 | 24.67 0.00 0.00 | 25.01 -0.04 0.00 | 27.52 -0.20 0.00 | 34.80 -0.16 0.00 | 25.11 -0.10 0.00 | 23.91 -0.13 0.00 | 23.21 -0.06 0.00 | 22.83 0.08 0.00 | 25.87 0.14 0.00 | 25.32 0.04 0.00 | 24.45 -0.15 0.00 | 24.10 -0.17 0.00 | 25.01 -0.10 0.00 | 33.85 0.03 0.00 | 39.16 0.25 0.00 | 41.29 0.18 0.00 | 43.35 0.17 0.00 | 40.39 -0.12 0.00 | 33.52 0.06 0.00 | 29.82 0.04 0.00 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| OAKDALE___35_KV_LOAD 356122 | 28.18 -0.04 0.00 | 25.32 -0.04 0.00 | 25.03 -0.03 0.00 | 24.75 0.02 0.00 | 24.66 -0.01 0.00 | 25.05 0.01 0.00 | 27.87 0.15 0.00 | 35.18 0.22 0.00 | 25.32 0.11 0.00 | 24.12 0.08 0.00 | 23.34 0.08 0.00 | 22.90 0.16 0.00 | 25.84 0.11 0.00 | 25.39 0.11 0.00 | 24.63 0.03 0.00 | 24.21 -0.06 0.00 | 25.08 -0.03 0.00 | 33.90 0.08 0.00 | 39.04 0.13 0.00 | 41.34 0.18 -0.05 | 43.53 0.15 -0.20 | 40.52 0.02 0.00 | 33.56 0.10 0.00 | 29.81 0.03 0.00 |
| OCC_CHEM___DRP 24175 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.32 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.05 0.00 | 33.66 -1.30 0.00 | 24.51 -0.70 0.00 | 23.49 -0.55 0.00 | 22.84 -0.43 0.00 | 22.57 -0.17 0.00 | 25.58 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.94 0.00 | 24.19 -0.92 0.00 | 32.67 -1.15 0.00 | 37.73 -1.18 0.00 | 39.60 -1.52 0.00 | 41.65 -1.53 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| OH_GEN_PROXY 24063 | 27.55 -0.67 0.00 | 25.04 -0.31 0.00 | 24.88 -0.17 0.00 | 24.51 -0.22 0.00 | 24.40 -0.26 0.00 | 24.37 -0.42 0.25 | 26.86 -0.86 0.00 | 33.95 -1.01 0.00 | 24.69 -0.52 0.00 | 23.65 -0.39 0.00 | 23.00 -0.27 0.00 | 22.71 -0.04 0.00 | 25.72 -0.01 0.00 | 28.22 -0.33 -3.28 | 23.90 -0.70 0.00 | 23.51 -0.76 0.00 | 24.37 -0.74 0.00 | 32.92 -0.90 0.00 | 37.99 -0.92 0.00 | 39.96 -1.15 0.00 | 41.99 -1.19 0.00 | 39.11 -1.39 0.00 | 32.77 -0.69 0.00 | 29.35 -0.43 0.00 |
| OLIN_CORP_DRP 24177 | 27.52 -0.70 0.00 | 25.05 -0.30 0.00 | 24.90 -0.16 0.00 | 24.52 -0.21 0.00 | 24.41 -0.26 0.00 | 24.61 -0.43 0.00 | 26.79 -0.93 0.00 | 33.83 -1.13 0.00 | 24.62 -0.59 0.00 | 23.57 -0.47 0.00 | 22.91 -0.36 0.00 | 22.63 -0.12 0.00 | 25.63 -0.10 0.00 | 24.84 -0.44 0.00 | 23.78 -0.82 0.00 | 23.40 -0.87 0.00 | 24.26 -0.86 0.00 | 32.67 -1.15 0.00 | 37.69 -1.22 0.00 | 39.55 -1.56 0.00 | 41.62 -1.55 0.00 | 38.86 -1.65 0.00 | 32.57 -0.89 0.00 | 29.20 -0.58 0.00 |
| OLIN_CORP_DSASP 323712 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.31 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.06 0.00 | 33.65 -1.30 0.00 | 24.51 -0.70 0.00 | 23.48 -0.55 0.00 | 22.84 -0.42 0.00 | 22.57 -0.18 0.00 | 25.57 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.93 0.00 | 24.19 -0.93 0.00 | 32.66 -1.15 0.00 | 37.69 -1.22 0.00 | 39.60 -1.51 0.00 | 41.67 -1.51 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| ONEIDA_HERK_LFGE 323681 | 38.93 0.89 -9.82 | 33.07 0.76 -6.96 | 27.53 0.73 -1.74 | 25.82 0.72 -0.37 | 28.63 0.75 -3.21 | 46.13 0.82 -20.27 | 78.29 0.99 -49.58 | 38.85 1.17 -2.72 | 25.81 0.60 0.00 | 24.43 0.39 0.00 | 23.58 0.32 0.00 | 23.39 0.30 -0.35 | 26.30 0.25 -0.32 | 25.43 0.15 0.00 | 24.79 0.18 0.00 | 24.54 0.27 0.00 | 25.53 0.42 0.00 | 34.57 0.75 0.00 | 40.09 1.18 0.00 | 42.52 1.38 -0.02 | 44.81 1.53 -0.10 | 42.08 1.57 0.00 | 34.64 1.18 0.00 | 30.77 0.99 0.00 |
| ONEIDA___115KV_TB4 55905 | 33.51 0.79 -4.50 | 29.22 0.68 -3.19 | 26.50 0.65 -0.80 | 25.54 0.64 -0.17 | 26.80 0.66 -1.47 | 35.06 0.73 -9.29 | 51.34 0.89 -22.73 | 37.28 1.07 -1.25 | 25.75 0.55 0.00 | 24.39 0.35 0.00 | 23.56 0.29 0.00 | 23.20 0.30 -0.16 | 26.18 0.30 -0.15 | 25.56 0.28 0.00 | 24.94 0.34 0.00 | 24.73 0.46 0.00 | 25.72 0.60 0.00 | 34.84 1.02 0.00 | 40.27 1.36 0.00 | 42.65 1.50 -0.03 | 44.90 1.59 -0.13 | 41.97 1.46 0.00 | 34.59 1.13 0.00 | 30.70 0.92 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 30.08 -0.26 -2.12 | 26.64 -0.22 -1.50 | 25.22 -0.21 -0.38 | 24.61 -0.20 -0.08 | 25.15 -0.21 -0.69 | 29.21 -0.21 -4.37 | 38.13 -0.29 -10.70 | 35.22 -0.32 -0.59 | 24.90 -0.31 0.00 | 23.69 -0.35 0.00 | 22.93 -0.33 0.00 | 22.53 -0.29 -0.07 | 25.47 -0.34 -0.07 | 24.96 -0.32 0.00 | 24.24 -0.36 0.00 | 23.92 -0.35 0.00 | 24.81 -0.30 0.00 | 33.52 -0.30 0.00 | 38.70 -0.22 0.00 | 40.99 -0.20 -0.08 | 43.30 -0.23 -0.35 | 40.20 -0.31 0.00 | 33.23 -0.23 0.00 | 29.54 -0.24 0.00 |
| ONONDAGA___COGEN 23986 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| ONTARIO___LFGE 23819 | 29.72 0.12 -1.38 | 26.49 0.15 -0.98 | 25.46 0.16 -0.24 | 24.97 0.19 -0.05 | 25.28 0.16 -0.45 | 28.12 0.21 -2.86 | 34.98 0.25 -7.00 | 35.73 0.39 -0.38 | 25.36 0.15 0.00 | 24.01 -0.03 0.00 | 23.19 -0.07 0.00 | 22.84 0.05 -0.05 | 25.83 0.06 -0.05 | 25.34 0.06 0.00 | 24.52 -0.09 0.00 | 24.10 -0.17 0.00 | 25.03 -0.09 0.00 | 33.98 0.16 0.00 | 39.31 0.40 0.00 | 41.72 0.57 -0.03 | 43.82 0.49 -0.15 | 40.84 0.33 0.00 | 33.84 0.37 0.00 | 30.03 0.25 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 28.00 -0.22 0.00 | 25.36 0.01 0.00 | 25.13 0.07 0.00 | 24.81 0.07 0.00 | 24.69 0.02 0.00 | 25.00 -0.04 0.00 | 27.46 -0.26 0.00 | 34.67 -0.29 0.00 | 24.94 -0.27 0.00 | 23.74 -0.30 0.00 | 23.04 -0.23 0.00 | 22.74 -0.02 0.00 | 25.76 0.03 0.00 | 25.15 -0.13 0.00 | 24.12 -0.48 0.00 | 23.68 -0.59 0.00 | 24.55 -0.57 0.00 | 33.30 -0.51 0.00 | 38.67 -0.24 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.95 -0.56 0.00 | 33.36 -0.10 0.00 | 29.80 0.02 0.00 |
| ORANGEVILLE___ESR 323794 | 28.00 -0.22 0.00 | 25.36 0.01 0.00 | 25.13 0.07 0.00 | 24.81 0.07 0.00 | 24.69 0.02 0.00 | 25.00 -0.04 0.00 | 27.46 -0.26 0.00 | 34.67 -0.29 0.00 | 24.94 -0.27 0.00 | 23.74 -0.30 0.00 | 23.04 -0.23 0.00 | 22.74 -0.02 0.00 | 25.76 0.03 0.00 | 25.15 -0.13 0.00 | 24.12 -0.48 0.00 | 23.68 -0.59 0.00 | 24.55 -0.57 0.00 | 33.30 -0.51 0.00 | 38.67 -0.24 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.95 -0.56 0.00 | 33.36 -0.10 0.00 | 29.80 0.02 0.00 |
| OSWEGATCHIE___HYD 24044 | 77.57 0.96 -48.39 | 60.52 0.88 -34.29 | 34.48 0.82 -8.59 | 27.35 0.80 -1.82 | 41.35 0.83 -15.84 | 125.82 0.89 -99.89 | 273.12 1.03 -244.36 | 49.59 1.20 -13.43 | 25.77 0.56 0.00 | 24.39 0.35 0.00 | 23.52 0.25 0.00 | 24.69 0.23 -1.72 | 27.43 0.11 -1.59 | 25.15 -0.13 0.00 | 24.40 -0.20 0.00 | 24.13 -0.14 0.00 | 25.01 -0.10 0.00 | 33.77 -0.05 0.00 | 39.46 0.55 0.00 | 41.99 0.83 -0.04 | 44.33 0.98 -0.17 | 41.83 1.32 0.00 | 34.36 0.90 0.00 | 30.67 0.89 0.00 |
| OSWEGO___5 23606 | 27.54 -0.69 0.00 | 24.77 -0.58 0.00 | 24.49 -0.57 0.00 | 24.17 -0.56 0.00 | 24.10 -0.56 0.00 | 24.46 -0.58 0.00 | 27.00 -0.73 0.00 | 34.06 -0.90 0.00 | 24.52 -0.68 0.00 | 23.35 -0.69 0.00 | 22.61 -0.66 0.00 | 22.14 -0.61 0.00 | 25.03 -0.70 0.00 | 24.58 -0.69 0.00 | 23.89 -0.71 0.00 | 23.57 -0.71 0.00 | 24.42 -0.69 0.00 | 32.92 -0.89 0.00 | 37.95 -0.96 0.00 | 40.68 -1.01 -0.58 | 44.63 -1.05 -2.51 | 39.47 -1.04 0.00 | 32.66 -0.81 0.00 | 29.06 -0.73 0.00 |
| OSWEGO___6 23613 | 27.54 -0.69 0.00 | 24.77 -0.58 0.00 | 24.49 -0.57 0.00 | 24.17 -0.56 0.00 | 24.10 -0.56 0.00 | 24.46 -0.58 0.00 | 27.00 -0.73 0.00 | 34.06 -0.90 0.00 | 24.52 -0.68 0.00 | 23.35 -0.69 0.00 | 22.61 -0.66 0.00 | 22.14 -0.61 0.00 | 25.03 -0.70 0.00 | 24.58 -0.69 0.00 | 23.89 -0.71 0.00 | 23.57 -0.71 0.00 | 24.42 -0.69 0.00 | 32.92 -0.89 0.00 | 37.95 -0.96 0.00 | 40.68 -1.01 -0.58 | 44.63 -1.05 -2.51 | 39.47 -1.04 0.00 | 32.66 -0.81 0.00 | 29.06 -0.73 0.00 |

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| OUTOKUMPU-AB___DRP 24206 | 28.02 -0.20 0.00 | 25.45 0.10 0.00 | 25.26 0.20 0.00 | 24.87 0.14 0.00 | 24.77 0.10 0.00 | 25.00 -0.04 0.00 | 27.30 -0.42 0.00 | 34.50 -0.46 0.00 | 25.09 -0.12 0.00 | 24.03 -0.01 0.00 | 23.36 0.10 0.00 | 23.09 0.34 0.00 | 26.18 0.45 0.00 | 25.40 0.12 0.00 | 24.34 -0.27 0.00 | 23.93 -0.34 0.00 | 24.80 -0.31 0.00 | 33.51 -0.31 0.00 | 38.76 -0.15 0.00 | 40.71 -0.40 0.00 | 42.78 -0.39 0.00 | 39.83 -0.68 0.00 | 33.38 -0.08 0.00 | 29.90 0.11 0.00 |
| OXBOW___BTM 323836 | 27.70 -0.52 0.00 | 25.19 -0.17 0.00 | 25.02 -0.05 0.00 | 24.63 -0.10 0.00 | 24.52 -0.14 0.00 | 24.74 -0.30 0.00 | 26.97 -0.75 0.00 | 34.06 -0.90 0.00 | 24.79 -0.42 0.00 | 23.75 -0.29 0.00 | 23.10 -0.17 0.00 | 22.83 0.09 0.00 | 25.88 0.15 0.00 | 25.08 -0.20 0.00 | 24.03 -0.58 0.00 | 23.64 -0.63 0.00 | 24.50 -0.61 0.00 | 33.10 -0.71 0.00 | 38.23 -0.68 0.00 | 40.16 -0.95 0.00 | 42.24 -0.94 0.00 | 39.34 -1.17 0.00 | 33.04 -0.43 0.00 | 29.63 -0.16 0.00 |
| OXBOW___ 24026 | 27.70 -0.52 0.00 | 25.18 -0.17 0.00 | 25.02 -0.04 0.00 | 24.63 -0.10 0.00 | 24.53 -0.14 0.00 | 24.74 -0.30 0.00 | 26.97 -0.75 0.00 | 34.06 -0.90 0.00 | 24.79 -0.42 0.00 | 23.74 -0.30 0.00 | 23.09 -0.17 0.00 | 22.82 0.08 0.00 | 25.88 0.14 0.00 | 25.08 -0.20 0.00 | 24.03 -0.57 0.00 | 23.64 -0.63 0.00 | 24.51 -0.61 0.00 | 33.11 -0.71 0.00 | 38.26 -0.65 0.00 | 40.16 -0.95 0.00 | 42.22 -0.96 0.00 | 39.34 -1.17 0.00 | 33.04 -0.42 0.00 | 29.63 -0.16 0.00 |
| OXY_CHEM_DSASP 323612 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.32 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.05 0.00 | 33.66 -1.30 0.00 | 24.51 -0.70 0.00 | 23.49 -0.55 0.00 | 22.84 -0.43 0.00 | 22.57 -0.17 0.00 | 25.58 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.94 0.00 | 24.19 -0.92 0.00 | 32.67 -1.15 0.00 | 37.73 -1.18 0.00 | 39.60 -1.52 0.00 | 41.65 -1.53 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| OZONE_PARK_ESR 323760 | 29.52 1.30 0.00 | 26.39 1.03 0.00 | 26.03 0.98 0.00 | 25.65 0.92 0.00 | 25.61 0.94 0.00 | 26.19 1.14 0.00 | 29.16 1.44 0.00 | 36.90 1.94 0.00 | 26.75 1.54 0.00 | 25.65 1.61 0.00 | 25.83 1.67 -0.90 | 26.18 1.66 -1.79 | 27.59 1.85 -0.01 | 27.24 1.96 0.00 | 26.54 1.93 0.00 | 26.13 1.85 0.00 | 26.86 1.74 0.00 | 36.00 2.18 0.00 | 41.14 2.23 0.00 | 43.36 2.25 0.00 | 45.97 2.80 0.00 | 43.29 2.78 0.00 | 35.96 2.25 -0.25 | 31.71 1.81 -0.12 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.32 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.05 0.00 | 33.66 -1.30 0.00 | 24.51 -0.70 0.00 | 23.49 -0.55 0.00 | 22.84 -0.43 0.00 | 22.57 -0.17 0.00 | 25.58 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.94 0.00 | 24.19 -0.92 0.00 | 32.67 -1.15 0.00 | 37.73 -1.18 0.00 | 39.60 -1.52 0.00 | 41.65 -1.53 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 27.42 -0.80 0.00 | 24.95 -0.40 0.00 | 24.80 -0.26 0.00 | 24.42 -0.31 0.00 | 24.32 -0.35 0.00 | 24.50 -0.54 0.00 | 26.67 -1.05 0.00 | 33.66 -1.30 0.00 | 24.51 -0.70 0.00 | 23.49 -0.55 0.00 | 22.84 -0.43 0.00 | 22.57 -0.17 0.00 | 25.58 -0.16 0.00 | 24.77 -0.51 0.00 | 23.72 -0.89 0.00 | 23.34 -0.94 0.00 | 24.19 -0.92 0.00 | 32.67 -1.15 0.00 | 37.73 -1.18 0.00 | 39.60 -1.52 0.00 | 41.65 -1.53 0.00 | 38.83 -1.68 0.00 | 32.69 -0.77 0.00 | 29.37 -0.41 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 29.37 1.15 0.00 | 26.32 0.97 0.00 | 25.97 0.91 0.00 | 25.56 0.83 0.00 | 25.53 0.86 0.00 | 26.09 1.05 0.00 | 29.02 1.29 -0.01 | 36.75 1.79 0.00 | 26.60 1.39 0.00 | 25.48 1.44 0.00 | 25.63 1.47 -0.90 | 25.99 1.46 -1.79 | 27.38 1.63 -0.01 | 27.03 1.74 0.00 | 26.27 1.66 0.00 | 25.86 1.58 0.00 | 26.55 1.44 0.00 | 35.55 1.73 0.00 | 40.72 1.81 0.00 | 42.96 1.84 0.00 | 45.62 2.45 0.00 | 42.98 2.47 0.00 | 35.69 1.98 -0.25 | 31.47 1.57 -0.12 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 30.09 1.87 0.00 | 27.08 1.72 0.00 | 26.73 1.67 0.00 | 26.35 1.62 0.00 | 26.32 1.65 0.00 | 26.93 1.88 0.00 | 29.98 2.25 -0.01 | 37.93 2.98 0.00 | 27.40 2.19 0.00 | 26.21 2.17 0.00 | 26.30 2.14 -0.90 | 26.65 2.12 -1.79 | 28.13 2.38 -0.01 | 27.79 2.51 0.00 | 26.98 2.38 0.00 | 26.59 2.32 0.00 | 27.30 2.19 0.00 | 36.56 2.74 0.00 | 41.87 2.96 0.00 | 44.07 2.96 0.00 | 46.85 3.68 0.00 | 44.13 3.62 0.00 | 36.68 2.97 -0.25 | 32.34 2.45 -0.12 |
| PATROON___115KV_TB1 80586 | 28.63 0.41 0.00 | 25.67 0.31 0.00 | 25.34 0.28 0.00 | 25.02 0.29 0.00 | 24.97 0.30 0.00 | 25.37 0.33 0.00 | 28.13 0.41 0.00 | 35.36 0.40 0.00 | 25.52 0.31 0.00 | 24.36 0.32 0.00 | 23.55 0.28 0.00 | 23.02 0.28 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.97 0.37 0.00 | 24.67 0.39 0.00 | 25.45 0.34 0.00 | 34.30 0.48 0.00 | 39.42 0.51 0.00 | 41.58 0.47 0.00 | 43.87 0.69 0.00 | 41.26 0.75 0.00 | 33.80 0.53 0.19 | 30.15 0.46 0.09 |
| PATTRSNVILLE___SOLAR 323815 | 29.10 0.88 0.00 | 26.09 0.74 0.00 | 25.78 0.73 0.00 | 25.45 0.72 0.00 | 25.40 0.73 0.00 | 25.82 0.78 0.00 | 28.64 0.91 0.00 | 36.05 1.09 0.00 | 25.66 0.45 0.00 | 24.27 0.23 0.00 | 23.43 0.16 0.00 | 22.90 0.16 0.00 | 25.87 0.15 0.01 | 25.47 0.19 0.00 | 24.84 0.24 0.00 | 24.53 0.26 0.00 | 25.53 0.42 0.00 | 34.69 0.87 0.00 | 40.07 1.15 0.00 | 42.37 1.25 0.00 | 44.62 1.45 0.00 | 41.87 1.36 0.00 | 34.39 1.09 0.16 | 30.63 0.92 0.08 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 27.92 -0.30 0.00 | 25.30 -0.05 0.00 | 25.10 0.05 0.00 | 24.75 0.02 0.00 | 24.64 -0.03 0.00 | 24.93 -0.11 0.00 | 27.34 -0.38 0.00 | 34.61 -0.34 0.00 | 25.13 -0.08 0.00 | 24.06 0.02 0.00 | 23.39 0.13 0.00 | 23.11 0.36 0.00 | 26.18 0.45 0.00 | 25.45 0.17 0.00 | 24.41 -0.20 0.00 | 23.97 -0.30 0.00 | 24.84 -0.27 0.00 | 33.58 -0.23 0.00 | 38.80 -0.11 0.00 | 40.82 -0.29 0.00 | 42.85 -0.33 0.00 | 39.84 -0.67 0.00 | 33.29 -0.17 0.00 | 29.72 -0.06 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 29.37 1.15 0.00 | 26.24 0.89 0.00 | 25.88 0.82 0.00 | 25.50 0.77 0.00 | 25.47 0.80 0.00 | 26.03 0.98 0.00 | 28.95 1.23 0.00 | 36.58 1.63 0.00 | 26.46 1.25 0.00 | 25.30 1.26 0.00 | 24.85 1.30 -0.28 | 24.57 1.28 -0.55 | 27.17 1.42 -0.01 | 26.83 1.55 0.00 | 26.21 1.61 0.00 | 25.85 1.58 0.00 | 26.61 1.50 0.00 | 35.73 1.91 0.00 | 40.96 2.05 0.00 | 43.17 2.06 0.00 | 45.63 2.46 0.00 | 42.91 2.40 0.00 | 35.56 1.88 -0.21 | 31.40 1.52 -0.10 |
| PEEKSKILL___ 23653 | 29.13 0.91 0.00 | 26.04 0.68 0.00 | 25.68 0.62 0.00 | 25.30 0.58 0.00 | 25.27 0.61 0.00 | 25.83 0.79 0.00 | 28.73 1.01 0.00 | 36.34 1.38 0.00 | 26.29 1.08 0.00 | 25.17 1.13 0.00 | 25.55 1.19 -1.09 | 26.08 1.17 -2.17 | 27.08 1.34 -0.01 | 26.75 1.47 0.00 | 26.05 1.45 0.00 | 25.63 1.36 0.00 | 26.38 1.26 0.00 | 35.37 1.55 0.00 | 40.54 1.63 0.00 | 42.73 1.61 0.00 | 45.19 2.01 0.00 | 42.52 2.01 0.00 | 35.30 1.60 -0.24 | 31.18 1.28 -0.11 |
| PGE MADISON___WINDPWR 24146 | 29.84 1.62 0.00 | 26.77 1.41 0.00 | 26.44 1.38 0.00 | 26.13 1.40 0.00 | 26.08 1.41 0.00 | 26.59 1.54 0.00 | 29.70 1.98 0.00 | 37.37 2.41 0.00 | 26.48 1.27 0.00 | 25.01 0.97 0.00 | 24.04 0.78 0.00 | 23.51 0.76 0.00 | 26.62 0.89 0.00 | 26.10 0.82 0.00 | 25.44 0.84 0.00 | 25.08 0.81 0.00 | 26.15 1.04 0.00 | 35.62 1.80 0.00 | 41.59 2.68 0.00 | 44.32 3.15 -0.05 | 46.28 2.89 -0.22 | 42.96 2.45 0.00 | 35.41 1.95 0.00 | 31.26 1.48 0.00 |

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|----------------------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PIERCEFIELD___HYD 23852 | 100.32 0.78 -71.32 | 76.65 0.75 -50.54 | 38.45 0.72 -12.67 | 28.09 0.68 -2.68 | 48.73 0.71 -23.35 | 172.97 0.72 -147.21 | 388.66 0.81 -360.13 | 55.71 0.97 -19.79 | 25.70 0.50 0.00 | 24.44 0.40 0.00 | 23.59 0.32 0.00 | 25.60 0.32 -2.53 | 28.43 0.35 -2.34 | 25.47 0.19 0.00 | 24.69 0.09 0.00 | 24.39 0.11 0.00 | 25.10 -0.01 0.00 | 33.72 -0.10 0.00 | 39.16 0.25 0.00 | 41.58 0.47 0.00 | 43.65 0.48 0.00 | 41.15 0.64 0.00 | 33.82 0.36 0.00 | 30.37 0.58 0.00 |
| PINELAWN_CC_1 323563 | 29.52 1.30 0.00 | 26.34 0.99 0.00 | 26.01 0.95 0.00 | 25.75 0.92 -0.11 | 25.71 0.95 -0.10 | 26.19 1.15 0.00 | 29.14 1.42 -0.01 | 36.64 1.69 0.00 | 27.05 1.25 -0.59 | 27.50 1.40 -2.06 | 25.78 1.62 -0.89 | 26.00 1.47 -1.78 | 40.15 1.70 -12.73 | 65.80 1.91 -38.61 | 43.88 1.84 -17.44 | 39.44 1.73 -13.45 | 43.68 1.59 -16.98 | 49.76 1.93 -14.01 | 41.18 2.27 0.00 | 43.75 2.18 -0.45 | 48.58 2.65 -2.75 | 44.40 2.81 -1.08 | 37.68 2.42 -1.79 | 31.67 1.77 -0.12 |
| PJM_GEN_HTP_PROXY 323702 | 29.26 1.04 0.00 | 26.14 0.79 0.00 | 25.69 0.76 0.13 | 25.43 0.72 0.02 | 25.26 0.75 0.16 | 25.80 0.93 0.17 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.60 1.43 -0.90 | 25.95 1.42 -1.79 | 27.33 1.58 -0.01 | 30.24 1.69 -3.28 | 26.28 1.68 0.00 | 25.87 1.60 0.00 | 26.58 1.47 0.00 | 35.63 1.81 0.00 | 40.72 1.81 0.00 | 42.88 1.77 0.00 | 45.43 2.26 0.00 | 42.09 2.29 0.71 | 35.55 1.84 -0.25 | 31.38 1.48 -0.12 |
| PJM_GEN_KEystone 24065 | 28.33 0.11 0.00 | 25.44 0.09 0.00 | 25.00 0.08 0.13 | 24.56 0.06 0.23 | 22.94 0.07 1.79 | 25.05 0.18 0.17 | 27.51 0.23 0.44 | 35.35 0.40 0.00 | 25.58 0.37 0.00 | 24.47 0.43 0.00 | 22.51 0.50 1.25 | 20.46 0.60 2.89 | 26.43 0.69 -0.01 | 29.26 0.71 -3.28 | 25.14 0.54 0.00 | 24.66 0.38 0.00 | 25.43 0.32 0.00 | 34.23 0.41 0.00 | 39.37 0.46 0.00 | 41.51 0.40 0.00 | 47.55 0.56 -3.82 | 36.89 0.43 4.05 | 34.07 0.48 -0.13 | 32.42 0.38 -2.25 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 29.16 0.94 0.00 | 26.03 0.68 0.00 | 25.57 0.64 0.13 | 25.33 0.62 0.02 | 25.16 0.65 0.16 | 25.71 0.84 0.17 | 28.80 1.08 0.00 | 36.26 1.30 0.00 | 26.21 1.00 0.00 | 25.19 1.15 0.00 | 25.52 1.36 -0.89 | 25.78 1.26 -1.78 | 37.92 1.44 -10.74 | 62.92 1.78 -35.86 | 40.88 1.57 -14.71 | 37.08 1.46 -11.34 | 40.76 1.29 -14.35 | 47.21 1.55 -11.84 | 40.66 1.75 0.00 | 43.16 1.66 -0.38 | 47.59 2.09 -2.33 | 42.98 2.27 -0.20 | 36.96 1.94 -1.55 | 31.29 1.39 -0.12 |
| PJM_GEN_VFT_PROXY 323633 | 29.11 0.89 0.00 | 26.01 0.66 0.00 | 25.54 0.62 0.13 | 25.28 0.57 0.03 | 25.12 0.61 0.16 | 25.67 0.80 0.17 | 28.77 1.05 0.00 | 36.39 1.44 0.00 | 26.40 1.19 0.00 | 25.29 1.26 0.00 | 25.49 1.33 -0.90 | 25.85 1.32 -1.79 | 27.24 1.49 -0.01 | 30.16 1.61 -3.28 | 26.22 1.61 0.00 | 25.79 1.52 0.00 | 26.49 1.38 0.00 | 35.50 1.68 0.00 | 40.58 1.66 0.00 | 42.75 1.64 0.00 | 45.32 2.14 0.00 | 41.97 2.17 0.71 | 35.45 1.74 -0.25 | 31.28 1.38 -0.12 |
| PLATSBURG_115KV_PMLD1 355749 | 34.88 1.02 -5.65 | 30.17 0.82 -4.00 | 26.81 0.74 -1.00 | 25.67 0.73 -0.21 | 27.17 0.65 -1.85 | 37.44 0.75 -11.65 | 57.14 0.92 -28.50 | 37.58 1.06 -1.57 | 25.84 0.63 0.00 | 24.66 0.62 0.00 | 23.88 0.61 0.00 | 23.64 0.69 -0.20 | 26.65 0.74 -0.19 | 25.94 0.65 0.00 | 25.26 0.66 0.00 | 24.96 0.69 0.00 | 25.89 0.77 0.00 | 34.31 0.49 0.00 | 39.52 0.61 0.00 | 41.93 0.82 0.00 | 44.20 1.03 0.00 | 41.44 0.93 0.00 | 34.56 1.10 0.00 | 30.69 0.90 0.00 |
| PLEASANTVLY___LBMP 24000 | 29.03 0.81 0.00 | 25.95 0.60 0.00 | 25.60 0.54 0.00 | 25.24 0.51 0.00 | 25.20 0.53 0.00 | 25.72 0.68 0.00 | 28.58 0.86 0.00 | 36.04 1.08 0.00 | 26.06 0.85 0.00 | 24.93 0.90 0.00 | 24.51 0.94 -0.30 | 24.26 0.93 -0.58 | 26.76 1.01 -0.02 | 26.41 1.13 0.00 | 25.80 1.20 0.00 | 25.41 1.14 0.00 | 26.17 1.06 0.00 | 35.10 1.28 0.00 | 40.22 1.31 0.00 | 42.39 1.28 0.00 | 44.84 1.67 0.00 | 42.21 1.70 0.00 | 35.07 1.33 -0.28 | 30.98 1.07 -0.13 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 29.21 0.99 0.00 | 26.11 0.76 0.00 | 25.75 0.70 0.00 | 25.39 0.66 0.00 | 25.35 0.68 0.00 | 25.90 0.86 0.00 | 28.80 1.08 0.00 | 36.39 1.44 0.00 | 26.34 1.14 0.00 | 25.23 1.19 0.00 | 25.19 1.25 -0.68 | 25.32 1.24 -1.34 | 27.12 1.38 -0.02 | 26.78 1.50 0.00 | 26.11 1.50 0.00 | 25.70 1.43 0.00 | 26.45 1.34 0.00 | 35.46 1.64 0.00 | 40.60 1.69 0.00 | 42.79 1.67 0.00 | 45.28 2.11 0.00 | 42.63 2.12 0.00 | 35.40 1.69 -0.25 | 31.26 1.36 -0.12 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 29.21 0.99 0.00 | 26.11 0.76 0.00 | 25.75 0.70 0.00 | 25.39 0.66 0.00 | 25.35 0.68 0.00 | 25.90 0.86 0.00 | 28.80 1.08 0.00 | 36.39 1.44 0.00 | 26.34 1.14 0.00 | 25.23 1.19 0.00 | 25.19 1.25 -0.68 | 25.32 1.24 -1.34 | 27.12 1.38 -0.02 | 26.78 1.50 0.00 | 26.11 1.50 0.00 | 25.70 1.43 0.00 | 26.45 1.34 0.00 | 35.46 1.64 0.00 | 40.60 1.69 0.00 | 42.79 1.67 0.00 | 45.28 2.11 0.00 | 42.63 2.12 0.00 | 35.40 1.69 -0.25 | 31.26 1.36 -0.12 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 29.25 1.03 0.00 | 26.14 0.79 0.00 | 25.78 0.72 0.00 | 25.40 0.67 0.00 | 25.36 0.69 0.00 | 25.90 0.86 0.00 | 28.78 1.06 0.00 | 36.32 1.37 0.00 | 26.26 1.05 0.00 | 25.10 1.06 0.00 | 24.50 1.09 -0.14 | 24.08 1.06 -0.27 | 26.88 1.16 0.00 | 26.56 1.28 0.00 | 25.97 1.37 0.00 | 25.60 1.33 0.00 | 26.40 1.29 0.00 | 35.50 1.68 0.00 | 40.74 1.83 0.00 | 42.95 1.84 0.00 | 45.38 2.21 0.00 | 42.65 2.14 0.00 | 35.03 1.65 0.08 | 31.08 1.34 0.04 |
| POLETTI_____ 23519 | 26.33 0.74 2.63 | 26.04 0.68 0.00 | 25.73 0.67 0.00 | 25.31 0.58 0.00 | 25.28 0.61 0.00 | 25.83 0.78 0.00 | 26.33 0.89 2.28 | 27.33 1.31 8.94 | 25.93 1.14 0.42 | 25.31 1.27 0.00 | 25.46 1.30 -0.90 | 25.82 1.29 -1.79 | 27.15 1.40 -0.01 | 26.82 1.54 0.00 | 26.09 1.49 0.00 | 25.69 1.42 0.00 | 26.37 1.26 0.00 | 30.75 1.33 4.40 | 30.69 1.33 9.55 | 32.21 1.32 10.22 | 30.70 1.89 14.37 | 30.69 1.96 11.77 | 30.70 1.60 4.36 | 30.15 1.27 0.91 |
| POMONA___ESR 323819 | 29.17 0.94 0.00 | 26.07 0.71 0.00 | 25.69 0.64 0.00 | 25.33 0.60 0.00 | 25.30 0.63 0.00 | 25.85 0.81 0.00 | 28.76 1.04 0.00 | 36.38 1.42 0.00 | 26.32 1.11 0.00 | 25.19 1.15 0.00 | 23.26 1.21 1.22 | 21.53 1.19 2.41 | 27.13 1.39 -0.01 | 26.82 1.54 0.00 | 26.12 1.52 0.00 | 25.68 1.41 0.00 | 26.44 1.33 0.00 | 35.46 1.64 0.00 | 40.65 1.74 0.00 | 42.83 1.72 0.00 | 45.27 2.10 0.00 | 42.59 2.08 0.00 | 35.33 1.64 -0.23 | 31.21 1.32 -0.11 |
| PORT_JEFF_3 23555 | 29.52 1.30 0.00 | 26.36 1.00 0.00 | 26.08 1.02 0.00 | 27.30 1.04 -1.53 | 27.17 1.07 -1.44 | 26.33 1.24 -0.04 | 29.41 1.57 -0.12 | 36.81 1.85 0.00 | 35.82 1.37 -9.24 | 57.96 1.53 -32.39 | 25.91 1.75 -0.89 | 25.99 1.47 -1.78 | 38.95 1.68 -11.54 | 62.01 1.71 -35.02 | 42.15 1.74 -15.81 | 38.01 1.54 -12.19 | 41.91 1.37 -15.42 | 48.23 1.68 -12.73 | 40.92 2.00 0.00 | 43.43 1.91 -0.41 | 48.29 2.61 -2.50 | 44.33 2.85 -0.98 | 37.62 2.51 -1.65 | 31.63 1.73 -0.12 |
| PORT_JEFF_4 23616 | 29.52 1.30 0.00 | 26.36 1.00 0.00 | 26.08 1.02 0.00 | 27.30 1.04 -1.53 | 27.17 1.07 -1.44 | 26.33 1.24 -0.04 | 29.41 1.57 -0.12 | 36.81 1.85 0.00 | 35.82 1.37 -9.24 | 57.96 1.53 -32.39 | 25.91 1.75 -0.89 | 25.99 1.47 -1.78 | 38.95 1.68 -11.54 | 62.01 1.71 -35.02 | 42.15 1.74 -15.81 | 38.01 1.54 -12.19 | 41.91 1.37 -15.42 | 48.23 1.68 -12.73 | 40.92 2.00 0.00 | 43.43 1.91 -0.41 | 48.29 2.61 -2.50 | 44.33 2.85 -0.98 | 37.62 2.51 -1.65 | 31.63 1.73 -0.12 |

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|------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC 23713 | 29.54 1.32 0.00 | 26.38 1.02 0.00 | 26.09 1.03 0.00 | 27.55 1.06 -1.76 | 27.40 1.08 -1.66 | 26.35 1.25 -0.05 | 29.45 1.59 -0.14 | 36.84 1.88 0.00 | 37.26 1.39 -10.67 | 62.97 1.56 -37.37 | 25.94 1.78 -0.89 | 25.99 1.46 -1.78 | 38.97 1.65 -11.58 | 62.11 1.69 -35.15 | 42.22 1.76 -15.87 | 38.12 1.61 -12.24 | 42.04 1.45 -15.48 | 48.38 1.79 -12.77 | 41.04 2.13 0.00 | 43.55 2.03 -0.41 | 48.40 2.72 -2.51 | 44.41 2.92 -0.98 | 37.68 2.56 -1.65 | 31.67 1.77 -0.12 |
| PPL PILGRIM_ST_GT1 24216 | 29.71 1.49 0.00 | 26.50 1.15 0.00 | 26.19 1.13 0.00 | 26.15 1.10 -0.31 | 26.09 1.13 -0.29 | 26.37 1.32 -0.01 | 29.42 1.68 -0.02 | 36.86 1.90 0.00 | 28.50 1.40 -1.89 | 32.20 1.54 -6.63 | 25.91 1.75 -0.89 | 26.09 1.56 -1.78 | 39.33 1.86 -11.74 | 62.89 2.00 -35.61 | 42.66 1.98 -16.07 | 38.52 1.85 -12.40 | 42.52 1.73 -15.68 | 48.89 2.13 -12.94 | 41.45 2.53 0.00 | 43.97 2.44 -0.41 | 48.72 3.00 -2.54 | 44.64 3.14 -0.99 | 37.82 2.69 -1.67 | 31.85 1.95 -0.12 |
| PPL PILGRIM_ST_GT2 24217 | 29.71 1.49 0.00 | 26.50 1.15 0.00 | 26.19 1.13 0.00 | 26.15 1.10 -0.31 | 26.09 1.13 -0.29 | 26.37 1.32 -0.01 | 29.42 1.68 -0.02 | 36.86 1.90 0.00 | 28.50 1.40 -1.89 | 32.20 1.54 -6.63 | 25.91 1.75 -0.89 | 26.09 1.56 -1.78 | 39.33 1.86 -11.74 | 62.89 2.00 -35.61 | 42.66 1.98 -16.07 | 38.52 1.85 -12.40 | 42.52 1.73 -15.68 | 48.89 2.13 -12.94 | 41.45 2.53 0.00 | 43.97 2.44 -0.41 | 48.72 3.00 -2.54 | 44.64 3.14 -0.99 | 37.82 2.69 -1.67 | 31.85 1.95 -0.12 |
| PPL_SHRM_GT3 24213 | 29.52 1.31 0.00 | 26.38 1.03 0.00 | 26.20 1.14 0.00 | 27.55 1.26 -1.56 | 27.42 1.28 -1.47 | 26.47 1.38 -0.05 | 29.56 1.72 -0.12 | 37.01 2.05 0.00 | 36.16 1.51 -9.44 | 58.85 1.73 -33.08 | 26.03 1.87 -0.89 | 26.04 1.51 -1.78 | 39.01 1.72 -11.56 | 61.82 1.46 -35.08 | 42.21 1.78 -15.83 | 37.92 1.43 -12.21 | 41.85 1.29 -15.45 | 48.18 1.61 -12.75 | 40.85 1.94 0.00 | 43.33 1.81 -0.41 | 48.33 2.65 -2.50 | 44.24 2.75 -0.98 | 37.69 2.58 -1.65 | 31.53 1.63 -0.12 |
| PPL_SHRM_GT4 24214 | 29.52 1.31 0.00 | 26.38 1.03 0.00 | 26.20 1.14 0.00 | 27.55 1.26 -1.56 | 27.42 1.28 -1.47 | 26.47 1.38 -0.05 | 29.56 1.72 -0.12 | 37.01 2.05 0.00 | 36.16 1.51 -9.44 | 58.85 1.73 -33.08 | 26.03 1.87 -0.89 | 26.04 1.51 -1.78 | 39.01 1.72 -11.56 | 61.82 1.46 -35.08 | 42.21 1.78 -15.83 | 37.92 1.43 -12.21 | 41.85 1.29 -15.45 | 48.18 1.61 -12.75 | 40.85 1.94 0.00 | 43.33 1.81 -0.41 | 48.33 2.65 -2.50 | 44.24 2.75 -0.98 | 37.69 2.58 -1.65 | 31.53 1.63 -0.12 |
| PROJECT___ORANGE 1 24174 | 30.11 -0.43 -2.31 | 26.64 -0.36 -1.64 | 25.11 -0.36 -0.41 | 24.47 -0.35 -0.09 | 25.08 -0.35 -0.76 | 29.46 -0.36 -4.78 | 38.93 -0.49 -11.70 | 35.02 -0.58 -0.64 | 24.74 -0.47 0.00 | 23.57 -0.47 0.00 | 22.83 -0.44 0.00 | 22.44 -0.38 -0.08 | 25.37 -0.44 -0.08 | 24.85 -0.43 0.00 | 24.13 -0.48 0.00 | 23.81 -0.47 0.00 | 24.68 -0.43 0.00 | 33.33 -0.49 0.00 | 38.43 -0.48 0.00 | 40.66 -0.51 -0.06 | 42.90 -0.55 -0.27 | 39.90 -0.60 0.00 | 32.99 -0.46 0.00 | 29.35 -0.43 0.00 |
| PROJECT___ORANGE 2 24166 | 30.11 -0.43 -2.31 | 26.64 -0.36 -1.64 | 25.11 -0.36 -0.41 | 24.47 -0.35 -0.09 | 25.08 -0.35 -0.76 | 29.46 -0.36 -4.78 | 38.93 -0.49 -11.70 | 35.02 -0.58 -0.64 | 24.74 -0.47 0.00 | 23.57 -0.47 0.00 | 22.83 -0.44 0.00 | 22.44 -0.38 -0.08 | 25.37 -0.44 -0.08 | 24.85 -0.43 0.00 | 24.13 -0.48 0.00 | 23.81 -0.47 0.00 | 24.68 -0.43 0.00 | 33.33 -0.49 0.00 | 38.43 -0.48 0.00 | 40.66 -0.51 -0.06 | 42.90 -0.55 -0.27 | 39.90 -0.60 0.00 | 32.99 -0.46 0.00 | 29.35 -0.43 0.00 |
| PUCKETT___SOLAR 323809 | 28.58 0.36 0.00 | 25.67 0.32 0.00 | 25.38 0.32 0.00 | 25.08 0.35 0.00 | 25.00 0.33 0.00 | 25.42 0.37 0.00 | 28.31 0.59 0.00 | 35.66 0.70 0.00 | 25.54 0.33 0.00 | 24.25 0.20 0.00 | 23.29 0.03 0.00 | 22.81 0.06 0.00 | 25.80 0.07 0.00 | 25.36 0.08 0.00 | 24.68 0.08 0.00 | 24.21 -0.07 0.00 | 25.12 0.01 0.00 | 34.15 0.33 0.00 | 39.58 0.67 0.00 | 42.08 0.92 -0.05 | 44.13 0.75 -0.20 | 41.05 0.55 0.00 | 33.93 0.47 0.00 | 30.08 0.30 0.00 |
| PYRITES___HYD 24023 | 104.92 1.14 -75.56 | 79.99 1.09 -53.54 | 39.52 1.05 -13.42 | 28.57 1.00 -2.84 | 50.46 1.05 -24.74 | 182.07 1.06 -155.97 | 410.51 1.24 -381.54 | 57.39 1.47 -20.97 | 25.94 0.73 0.00 | 24.57 0.53 0.00 | 23.69 0.42 0.00 | 25.83 0.40 -2.68 | 28.71 0.49 -2.48 | 25.61 0.33 0.00 | 24.81 0.21 0.00 | 24.70 0.42 0.00 | 25.38 0.27 0.00 | 34.23 0.42 0.00 | 39.95 1.04 0.00 | 42.49 1.38 0.00 | 44.51 1.33 0.00 | 41.80 1.30 0.00 | 34.22 0.76 0.00 | 30.73 0.95 0.00 |
| QUAKERRD_115KV_BK1 80622 | 28.78 -0.77 -1.33 | 25.71 -0.59 -0.94 | 24.75 -0.55 -0.24 | 24.22 -0.56 -0.05 | 24.53 -0.57 -0.44 | 27.19 -0.60 -2.75 | 33.66 -0.80 -6.74 | 34.39 -0.94 -0.37 | 24.53 -0.68 0.00 | 23.37 -0.67 0.00 | 22.66 -0.61 0.00 | 22.30 -0.49 -0.05 | 25.27 -0.50 -0.04 | 24.71 -0.57 0.00 | 23.89 -0.71 0.00 | 23.57 -0.71 0.00 | 24.45 -0.66 0.00 | 33.09 -0.72 0.00 | 38.26 -0.65 0.00 | 40.34 -0.77 0.00 | 42.32 -0.85 0.00 | 39.49 -1.02 0.00 | 32.74 -0.73 0.00 | 29.12 -0.67 0.00 |
| QUENSBRY_115KV_TB8 356137 | 30.56 2.34 0.00 | 27.28 1.92 0.00 | 26.86 1.80 0.00 | 26.62 1.90 0.00 | 26.54 1.88 0.00 | 27.09 2.05 0.00 | 30.13 2.41 0.00 | 37.94 2.98 0.00 | 27.03 1.82 0.00 | 25.56 1.53 0.00 | 24.54 1.27 0.00 | 23.93 1.18 0.00 | 26.97 1.25 0.02 | 26.56 1.28 0.00 | 26.02 1.42 0.00 | 25.80 1.53 0.00 | 27.16 2.05 0.00 | 36.82 3.01 0.00 | 42.39 3.48 0.00 | 44.81 3.69 0.00 | 47.47 4.29 0.00 | 44.56 4.05 0.00 | 36.35 3.14 0.25 | 32.46 2.80 0.12 |
| RAMAPO___LBMP 323565 | 29.05 0.82 0.00 | 25.96 0.61 0.00 | 25.60 0.54 0.00 | 25.23 0.50 0.00 | 25.20 0.53 0.00 | 25.75 0.71 0.00 | 28.65 0.92 0.00 | 36.22 1.27 0.00 | 26.20 0.99 0.00 | 25.06 1.03 0.00 | 23.23 1.09 1.12 | 21.61 1.08 2.22 | 26.99 1.24 -0.01 | 26.68 1.40 0.00 | 25.98 1.37 0.00 | 25.53 1.27 0.00 | 26.28 1.17 0.00 | 35.25 1.43 0.00 | 40.43 1.52 0.00 | 42.62 1.51 0.00 | 45.05 1.88 0.00 | 42.36 1.86 0.00 | 35.16 1.47 -0.23 | 31.07 1.18 -0.11 |
| RANKINE____ 23646 | 28.02 -0.19 0.00 | 25.43 0.07 0.00 | 25.24 0.18 0.00 | 24.87 0.14 0.00 | 24.75 0.09 0.00 | 25.01 -0.04 0.00 | 27.39 -0.33 0.00 | 34.62 -0.33 0.00 | 25.14 -0.07 0.00 | 24.06 0.03 0.00 | 23.39 0.13 0.00 | 23.12 0.38 0.00 | 26.19 0.46 0.00 | 25.44 0.16 0.00 | 24.39 -0.21 0.00 | 23.97 -0.31 0.00 | 24.84 -0.27 0.00 | 33.59 -0.22 0.00 | 38.83 -0.08 0.00 | 40.88 -0.23 0.00 | 42.89 -0.28 0.00 | 39.91 -0.60 0.00 | 33.38 -0.08 0.00 | 29.85 0.07 0.00 |
| RAVENSWOOD_GT2_1 24244 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.83 0.77 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.86 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT2_2 24245 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.83 0.77 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.86 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |

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| RAVENSWOOD_GT2_3 24246 | 29.29 1.07 0.00 | 26.19 0.83 0.00 | 25.84 0.79 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 25.99 0.94 0.00 | 28.92 1.20 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.44 -0.90 | 25.97 1.44 -1.79 | 27.33 1.58 -0.01 | 26.95 1.67 0.00 | 26.26 1.66 0.00 | 25.85 1.58 0.00 | 26.56 1.44 0.00 | 35.59 1.77 0.00 | 40.68 1.77 0.00 | 42.90 1.79 0.00 | 45.50 2.32 0.00 | 42.84 2.33 0.00 | 35.60 1.89 -0.25 | 31.42 1.52 -0.12 |
| RAVENSWOOD_GT2_4 24247 | 29.29 1.07 0.00 | 26.19 0.83 0.00 | 25.84 0.79 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 25.99 0.94 0.00 | 28.92 1.20 0.00 | 36.57 1.61 0.00 | 26.50 1.29 0.00 | 25.41 1.37 0.00 | 25.61 1.44 -0.90 | 25.97 1.44 -1.79 | 27.33 1.58 -0.01 | 26.95 1.67 0.00 | 26.26 1.66 0.00 | 25.85 1.58 0.00 | 26.56 1.44 0.00 | 35.59 1.77 0.00 | 40.68 1.77 0.00 | 42.90 1.79 0.00 | 45.50 2.32 0.00 | 42.84 2.33 0.00 | 35.60 1.89 -0.25 | 31.42 1.52 -0.12 |
| RAVENSWOOD_GT3_1 24248 | 29.28 1.06 0.00 | 26.17 0.81 0.00 | 25.83 0.77 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.86 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT3_2 24249 | 29.28 1.06 0.00 | 26.17 0.81 0.00 | 25.83 0.77 0.00 | 25.45 0.72 0.00 | 25.41 0.74 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.86 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT3_3 24250 | 29.32 1.10 0.00 | 26.21 0.85 0.00 | 25.86 0.81 0.00 | 25.49 0.76 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.95 1.23 0.00 | 36.61 1.65 0.00 | 26.54 1.33 0.00 | 25.44 1.40 0.00 | 25.64 1.47 -0.90 | 25.99 1.47 -1.79 | 27.36 1.62 -0.01 | 26.99 1.71 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.64 1.82 0.00 | 40.74 1.82 0.00 | 42.94 1.83 0.00 | 45.55 2.37 0.00 | 42.90 2.40 0.00 | 35.64 1.93 -0.25 | 31.45 1.55 -0.12 |
| RAVENSWOOD_GT3_4 24251 | 29.32 1.10 0.00 | 26.21 0.85 0.00 | 25.86 0.81 0.00 | 25.49 0.76 0.00 | 25.46 0.79 0.00 | 26.01 0.97 0.00 | 28.95 1.23 0.00 | 36.61 1.65 0.00 | 26.54 1.33 0.00 | 25.44 1.40 0.00 | 25.64 1.47 -0.90 | 25.99 1.47 -1.79 | 27.36 1.62 -0.01 | 26.99 1.71 0.00 | 26.30 1.70 0.00 | 25.88 1.61 0.00 | 26.59 1.48 0.00 | 35.64 1.82 0.00 | 40.74 1.82 0.00 | 42.94 1.83 0.00 | 45.55 2.37 0.00 | 42.90 2.40 0.00 | 35.64 1.93 -0.25 | 31.45 1.55 -0.12 |
| RAVENSWOOD_GT_1 23729 | 29.34 1.12 0.00 | 26.28 0.92 0.00 | 25.92 0.86 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.05 1.01 0.00 | 28.99 1.26 0.00 | 36.69 1.74 0.00 | 26.61 1.40 0.00 | 25.52 1.48 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.01 | 27.07 1.78 0.00 | 26.35 1.75 0.00 | 25.94 1.67 0.00 | 26.64 1.52 0.00 | 35.65 1.83 0.00 | 40.74 1.82 0.00 | 42.93 1.82 0.00 | 45.58 2.40 0.00 | 42.95 2.45 0.00 | 35.68 1.98 -0.25 | 31.48 1.58 -0.12 |
| RAVENSWOOD_GT_10 24258 | 29.28 1.06 0.00 | 26.17 0.82 0.00 | 25.83 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.56 -0.01 | 26.94 1.66 0.00 | 26.24 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_11 24259 | 29.28 1.06 0.00 | 26.17 0.82 0.00 | 25.83 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.56 -0.01 | 26.94 1.66 0.00 | 26.24 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_4 24252 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.84 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.57 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.76 0.00 | 45.47 2.29 0.00 | 42.83 2.33 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_5 24254 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.84 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.57 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.76 0.00 | 45.47 2.29 0.00 | 42.83 2.33 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_6 24253 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.84 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.57 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.76 0.00 | 45.47 2.29 0.00 | 42.83 2.33 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_7 24255 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.84 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.57 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.76 0.00 | 45.47 2.29 0.00 | 42.83 2.33 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 29.28 1.06 0.00 | 26.17 0.82 0.00 | 25.83 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.56 -0.01 | 26.94 1.66 0.00 | 26.24 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD_GT_9 24257 | 29.28 1.06 0.00 | 26.17 0.82 0.00 | 25.83 0.78 0.00 | 25.45 0.73 0.00 | 25.42 0.75 0.00 | 25.97 0.93 0.00 | 28.91 1.19 0.00 | 36.56 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.59 1.43 -0.90 | 25.94 1.42 -1.79 | 27.31 1.56 -0.01 | 26.94 1.66 0.00 | 26.24 1.64 0.00 | 25.83 1.56 0.00 | 26.55 1.43 0.00 | 35.56 1.75 0.00 | 40.66 1.75 0.00 | 42.87 1.75 0.00 | 45.46 2.28 0.00 | 42.83 2.32 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|
| RAVENSWOOD___1 23533 | 29.34 1.12 0.00 | 26.28 0.92 -0.01 | 25.92 0.86 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.05 1.01 0.00 | 28.99 1.27 0.00 | 36.70 1.74 0.00 | 26.61 1.40 -0.01 | 25.52 1.48 0.00 | 25.70 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.02 | 27.07 1.78 -0.01 | 26.36 1.75 0.00 | 25.94 1.66 0.00 | 26.64 1.53 0.00 | 35.65 1.83 0.00 | 40.74 1.83 0.00 | 42.93 1.82 0.00 | 45.57 2.40 0.00 | 42.95 2.45 0.00 | 35.66 1.96 -0.25 | 31.43 1.54 -0.12 |
| RAVENSWOOD___2 23534 | 29.34 1.12 0.00 | 26.28 0.92 -0.01 | 25.92 0.86 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.05 1.01 0.00 | 28.99 1.27 0.00 | 36.70 1.74 0.00 | 26.61 1.40 -0.01 | 25.52 1.48 0.00 | 25.70 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.02 | 27.07 1.78 -0.01 | 26.36 1.75 0.00 | 25.94 1.66 0.00 | 26.64 1.53 0.00 | 35.65 1.83 0.00 | 40.74 1.83 0.00 | 42.93 1.82 0.00 | 45.57 2.40 0.00 | 42.95 2.45 0.00 | 35.66 1.96 -0.25 | 31.43 1.54 -0.12 |
| RAVENSWOOD___3 23535 | 29.28 1.06 0.00 | 26.18 0.82 0.00 | 25.83 0.77 0.00 | 25.45 0.73 0.00 | 25.43 0.76 0.00 | 25.98 0.93 0.00 | 28.91 1.19 0.00 | 36.57 1.61 0.00 | 26.49 1.28 0.00 | 25.40 1.36 0.00 | 25.60 1.43 -0.90 | 25.95 1.42 -1.79 | 27.32 1.57 -0.01 | 26.94 1.66 0.00 | 26.25 1.65 0.00 | 25.83 1.56 0.00 | 26.55 1.44 0.00 | 35.57 1.76 0.00 | 40.67 1.76 0.00 | 42.87 1.75 0.00 | 45.46 2.29 0.00 | 42.83 2.33 0.00 | 35.58 1.87 -0.25 | 31.40 1.50 -0.12 |
| RAVENSWOOD___4 23820 | 29.34 1.12 0.00 | 26.28 0.92 -0.01 | 25.92 0.86 0.00 | 25.53 0.80 0.00 | 25.50 0.83 0.00 | 26.05 1.01 0.00 | 28.99 1.27 0.00 | 36.70 1.74 0.00 | 26.61 1.40 -0.01 | 25.52 1.48 0.00 | 25.70 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.02 | 27.07 1.78 -0.01 | 26.36 1.75 0.00 | 25.94 1.66 0.00 | 26.64 1.53 0.00 | 35.65 1.83 0.00 | 40.74 1.83 0.00 | 42.93 1.82 0.00 | 45.57 2.40 0.00 | 42.95 2.45 0.00 | 35.66 1.96 -0.25 | 31.43 1.54 -0.12 |
| RCPL_TRUST___DRP 24196 | 29.28 1.06 0.00 | 26.17 0.81 0.00 | 25.84 0.78 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.00 0.96 0.00 | 28.94 1.22 0.00 | 36.60 1.65 0.00 | 26.53 1.32 0.00 | 25.44 1.40 0.00 | 25.64 1.47 -0.90 | 26.00 1.47 -1.79 | 27.37 1.63 -0.01 | 27.02 1.74 0.00 | 26.33 1.73 0.00 | 25.92 1.64 0.00 | 26.62 1.51 0.00 | 35.68 1.86 0.00 | 40.77 1.86 0.00 | 42.93 1.82 0.00 | 45.49 2.32 0.00 | 42.83 2.33 0.00 | 35.59 1.88 -0.25 | 31.40 1.50 -0.12 |
| RED___ROCHESTER 323720 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.19 0.00 | 25.21 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.63 0.35 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.71 0.81 0.00 | 41.85 0.74 0.00 | 43.91 0.73 0.00 | 40.88 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| REGAN___SOLAR 323812 | 29.51 1.29 0.00 | 26.47 1.11 0.00 | 26.17 1.11 0.00 | 25.81 1.08 0.00 | 25.78 1.11 0.00 | 26.22 1.18 0.00 | 29.12 1.40 0.00 | 36.63 1.67 0.00 | 25.57 0.36 0.00 | 23.81 -0.23 0.00 | 22.92 -0.34 0.00 | 22.38 -0.36 0.00 | 25.30 -0.42 0.01 | 24.90 -0.38 0.00 | 24.27 -0.33 0.00 | 24.19 -0.08 0.00 | 25.62 0.51 0.00 | 35.08 1.26 0.00 | 40.96 2.05 0.00 | 43.52 2.41 0.00 | 45.75 2.57 0.00 | 42.80 2.29 0.00 | 35.16 1.85 0.15 | 31.26 1.55 0.07 |
| RENSSELAER___COGEN 23796 | 28.48 0.26 0.00 | 25.54 0.19 0.00 | 25.21 0.15 0.00 | 24.90 0.17 0.00 | 24.84 0.17 0.00 | 25.23 0.19 0.00 | 27.97 0.25 0.00 | 35.15 0.19 0.00 | 25.38 0.17 0.00 | 24.22 0.17 0.00 | 23.53 0.16 -0.11 | 23.13 0.16 -0.22 | 25.85 0.13 0.01 | 25.42 0.14 0.00 | 24.82 0.22 0.00 | 24.50 0.23 0.00 | 25.26 0.15 0.00 | 34.01 0.19 0.00 | 39.12 0.21 0.00 | 41.27 0.16 0.00 | 43.57 0.39 0.00 | 40.99 0.48 0.00 | 33.60 0.33 0.19 | 29.98 0.29 0.09 |
| REPUBLIC_115KV_BARTNBK 55605 | 32.08 3.86 0.00 | 28.62 3.27 0.00 | 27.96 2.91 0.00 | 27.75 3.03 0.00 | 27.64 2.98 0.00 | 28.29 3.25 0.00 | 31.61 3.89 0.00 | 39.77 4.82 0.00 | 28.12 2.91 0.00 | 26.66 2.62 0.00 | 25.41 2.15 0.00 | 24.77 2.02 0.00 | 27.81 2.09 0.02 | 27.40 2.12 0.00 | 26.93 2.33 0.00 | 26.73 2.46 0.00 | 28.49 3.38 0.00 | 38.48 4.66 0.00 | 44.22 5.31 0.00 | 47.21 6.10 0.00 | 50.47 7.29 0.00 | 47.46 6.95 0.00 | 38.64 5.44 0.25 | 34.45 4.79 0.12 |
| REVERE_CPPR_DRP 24186 | 35.75 1.09 -6.45 | 30.85 0.93 -4.57 | 27.10 0.89 -1.15 | 25.86 0.89 -0.24 | 27.69 0.91 -2.11 | 39.35 1.00 -13.30 | 61.49 1.23 -32.54 | 38.21 1.47 -1.79 | 25.97 0.76 0.00 | 24.56 0.51 0.00 | 23.70 0.43 0.00 | 23.40 0.42 -0.23 | 26.38 0.43 -0.21 | 25.67 0.39 0.00 | 25.08 0.48 0.00 | 24.89 0.61 0.00 | 25.91 0.80 0.00 | 35.16 1.34 0.00 | 40.72 1.81 0.00 | 43.15 2.00 -0.03 | 45.42 2.12 -0.12 | 42.49 1.99 0.00 | 34.99 1.53 0.00 | 31.05 1.27 0.00 |
| REYNLDPA_13_KV_LD 356490 | 17.93 0.32 10.61 | 18.19 0.35 7.52 | 23.52 0.35 1.88 | 24.65 0.32 0.40 | 21.52 0.33 3.47 | 3.45 0.31 21.90 | -25.50 0.35 53.57 | 32.43 0.41 2.94 | 25.51 0.30 0.00 | 24.36 0.32 0.00 | 23.46 0.20 0.00 | 22.36 0.00 0.38 | 25.69 0.31 0.35 | 25.52 0.24 0.00 | 24.79 0.19 0.00 | 24.48 0.21 0.00 | 25.34 0.23 0.00 | 34.10 0.28 0.00 | 39.31 0.40 0.00 | 41.61 0.49 0.00 | 43.47 0.30 0.00 | 40.66 0.15 0.00 | 33.68 0.22 0.00 | 30.01 0.23 0.00 |
| REYNOLDS_115KV_TB3 80639 | 28.71 0.49 0.00 | 25.73 0.37 0.00 | 25.39 0.33 0.00 | 25.08 0.35 0.00 | 25.01 0.34 0.00 | 25.43 0.38 0.00 | 28.19 0.47 0.00 | 35.44 0.48 0.00 | 25.57 0.36 0.00 | 24.41 0.37 0.00 | 23.71 0.32 -0.11 | 23.31 0.34 -0.23 | 26.03 0.31 0.01 | 25.58 0.30 0.00 | 24.99 0.38 0.00 | 24.66 0.39 0.00 | 25.44 0.33 0.00 | 34.24 0.42 0.00 | 39.35 0.44 0.00 | 41.49 0.38 0.00 | 43.84 0.66 0.00 | 41.26 0.76 0.00 | 33.79 0.56 0.23 | 30.16 0.49 0.11 |
| RIVERBAY____ 323610 | 30.09 1.87 0.00 | 27.08 1.72 0.00 | 26.73 1.67 0.00 | 26.35 1.62 0.00 | 26.32 1.65 0.00 | 26.93 1.88 0.00 | 29.98 2.25 -0.01 | 37.93 2.98 0.00 | 27.40 2.19 0.00 | 26.21 2.17 0.00 | 26.30 2.14 -0.90 | 26.65 2.12 -1.79 | 28.13 2.38 -0.01 | 27.79 2.51 0.00 | 26.98 2.38 0.00 | 26.59 2.32 0.00 | 27.30 2.19 0.00 | 36.56 2.74 0.00 | 41.87 2.96 0.00 | 44.07 2.96 0.00 | 46.85 3.68 0.00 | 44.13 3.62 0.00 | 36.68 2.97 -0.25 | 32.34 2.45 -0.12 |
| RIVERSDE_115KV_TB3 55908 | 28.61 0.39 0.00 | 25.66 0.30 0.00 | 25.32 0.26 0.00 | 25.01 0.28 0.00 | 24.94 0.27 0.00 | 25.35 0.31 0.00 | 28.10 0.38 0.00 | 35.32 0.37 0.00 | 25.50 0.29 0.00 | 24.34 0.30 0.00 | 23.65 0.27 -0.11 | 23.24 0.27 -0.22 | 25.97 0.25 0.01 | 25.53 0.25 0.00 | 24.94 0.34 0.00 | 24.62 0.35 0.00 | 25.40 0.28 0.00 | 34.19 0.37 0.00 | 39.29 0.38 0.00 | 41.45 0.34 0.00 | 43.76 0.59 0.00 | 41.18 0.67 0.00 | 33.74 0.48 0.21 | 30.10 0.42 0.10 |
| ROARING___BROOK_WT_PWR 323790 | 28.29 0.07 0.00 | 25.43 0.08 0.00 | 25.13 0.07 0.00 | 24.79 0.06 0.00 | 24.74 0.07 0.00 | 25.11 0.06 0.00 | 27.80 0.08 0.00 | 35.05 0.09 0.00 | 25.26 0.05 0.00 | 24.09 0.05 0.00 | 23.30 0.04 0.00 | 22.77 0.02 0.00 | 25.75 0.03 0.00 | 25.29 0.01 0.00 | 24.60 0.00 0.00 | 24.27 0.00 0.00 | 25.13 0.02 0.00 | 33.85 0.03 0.00 | 38.97 0.06 0.00 | 41.16 0.05 0.00 | 43.26 0.08 0.00 | 40.59 0.08 0.00 | 33.47 0.00 0.00 | 29.79 0.01 0.00 |

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| ROCHESRG_115KV_T4 355643 | 27.97 -0.25 0.00 | 25.26 -0.09 0.00 | 25.01 -0.05 0.00 | 24.66 -0.07 0.00 | 24.58 -0.09 0.00 | 24.91 -0.13 0.00 | 27.41 -0.31 0.00 | 34.66 -0.30 0.00 | 25.01 -0.20 0.00 | 23.83 -0.21 0.00 | 23.13 -0.14 0.00 | 22.73 -0.01 0.00 | 25.77 0.04 0.00 | 25.21 -0.07 0.00 | 24.35 -0.26 0.00 | 24.01 -0.26 0.00 | 24.90 -0.21 0.00 | 33.70 -0.12 0.00 | 38.97 0.06 0.00 | 41.07 -0.04 0.00 | 43.10 -0.07 0.00 | 40.19 -0.32 0.00 | 33.36 -0.10 0.00 | 29.70 -0.09 0.00 |
| ROCHESTER_9_IC 23652 | 28.06 -0.16 0.00 | 25.34 -0.02 0.00 | 25.08 0.02 0.00 | 24.72 -0.01 0.00 | 24.65 -0.02 0.00 | 24.99 -0.06 0.00 | 27.50 -0.22 0.00 | 34.77 -0.19 0.00 | 25.08 -0.13 0.00 | 23.90 -0.14 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.86 0.12 0.00 | 25.31 0.03 0.00 | 24.43 -0.17 0.00 | 24.09 -0.18 0.00 | 24.99 -0.12 0.00 | 33.83 0.01 0.00 | 39.13 0.22 0.00 | 41.25 0.13 0.00 | 43.28 0.11 0.00 | 40.35 -0.16 0.00 | 33.49 0.03 0.00 | 29.79 0.01 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 29.29 1.07 0.00 | 26.18 0.82 0.00 | 25.82 0.76 0.00 | 25.44 0.71 0.00 | 25.40 0.73 0.00 | 25.96 0.92 0.00 | 28.89 1.17 0.00 | 36.55 1.59 0.00 | 26.47 1.26 0.00 | 25.38 1.34 0.00 | 25.57 1.40 -0.90 | 25.92 1.39 -1.79 | 27.30 1.55 -0.01 | 26.95 1.68 0.00 | 26.26 1.66 0.00 | 25.85 1.58 0.00 | 26.60 1.49 0.00 | 35.66 1.84 0.00 | 40.81 1.90 0.00 | 42.98 1.87 0.00 | 45.51 2.33 0.00 | 42.84 2.34 0.00 | 35.58 1.87 -0.25 | 31.41 1.51 -0.12 |
| ROME____115KV_TB2 80656 | 35.75 1.09 -6.45 | 30.85 0.93 -4.57 | 27.10 0.89 -1.15 | 25.86 0.89 -0.24 | 27.69 0.91 -2.11 | 39.35 1.00 -13.30 | 61.49 1.23 -32.54 | 38.21 1.47 -1.79 | 25.97 0.76 0.00 | 24.56 0.51 0.00 | 23.70 0.43 0.00 | 23.40 0.42 -0.23 | 26.38 0.43 -0.21 | 25.67 0.39 0.00 | 25.08 0.48 0.00 | 24.89 0.61 0.00 | 25.91 0.80 0.00 | 35.16 1.34 0.00 | 40.72 1.81 0.00 | 43.15 2.00 -0.03 | 45.42 2.12 -0.12 | 42.49 1.99 0.00 | 34.99 1.53 0.00 | 31.05 1.27 0.00 |
| ROSETON___1 23587 | 29.02 0.80 0.00 | 25.94 0.59 0.00 | 25.59 0.54 0.00 | 25.23 0.50 0.00 | 25.19 0.52 0.00 | 25.71 0.67 0.00 | 28.57 0.84 0.00 | 36.05 1.09 0.00 | 26.06 0.85 0.00 | 24.93 0.89 0.00 | 24.20 0.94 0.00 | 23.67 0.93 0.00 | 26.77 1.02 -0.01 | 26.42 1.14 0.00 | 25.78 1.17 0.00 | 25.38 1.11 0.00 | 26.14 1.03 0.00 | 35.03 1.21 0.00 | 40.16 1.25 0.00 | 42.33 1.22 0.00 | 44.78 1.60 0.00 | 42.16 1.66 0.00 | 35.00 1.31 -0.23 | 30.96 1.07 -0.11 |
| ROSETON___2 23588 | 29.02 0.80 0.00 | 25.94 0.59 0.00 | 25.59 0.54 0.00 | 25.23 0.50 0.00 | 25.19 0.52 0.00 | 25.71 0.67 0.00 | 28.57 0.84 0.00 | 36.05 1.09 0.00 | 26.06 0.85 0.00 | 24.93 0.89 0.00 | 24.20 0.94 0.00 | 23.67 0.93 0.00 | 26.77 1.02 -0.01 | 26.42 1.14 0.00 | 25.78 1.17 0.00 | 25.38 1.11 0.00 | 26.14 1.03 0.00 | 35.03 1.21 0.00 | 40.16 1.25 0.00 | 42.33 1.22 0.00 | 44.78 1.60 0.00 | 42.16 1.66 0.00 | 35.00 1.31 -0.23 | 30.96 1.07 -0.11 |
| ROTRRDAM_115KV_TB3 80664 | 28.97 0.75 0.00 | 25.97 0.61 0.00 | 25.64 0.59 0.00 | 25.32 0.59 0.00 | 25.26 0.59 0.00 | 25.68 0.64 0.00 | 28.48 0.76 0.00 | 35.88 0.92 0.00 | 25.75 0.54 0.00 | 24.47 0.43 0.00 | 23.64 0.37 0.00 | 23.11 0.37 0.00 | 26.10 0.38 0.01 | 25.68 0.40 0.00 | 25.05 0.45 0.00 | 24.73 0.46 0.00 | 25.63 0.52 0.00 | 34.59 0.77 0.00 | 39.80 0.89 0.00 | 42.02 0.91 0.00 | 44.30 1.13 0.00 | 41.62 1.12 0.00 | 34.17 0.87 0.17 | 30.45 0.75 0.08 |
| RUSSELL___1 23602 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| RUSSELL___2 23532 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| RUSSELL___3 23549 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| RUSSELL___4 23556 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| RUSSELL___STATION 23914 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| S SALMON___HYD 24043 | 35.49 0.02 -7.25 | 30.52 0.03 -5.14 | 26.35 0.01 -1.29 | 25.00 0.01 -0.27 | 27.05 0.01 -2.38 | 40.07 0.05 -14.97 | 64.38 0.04 -36.62 | 36.99 0.02 -2.01 | 25.03 -0.18 0.00 | 23.71 -0.33 0.00 | 22.89 -0.37 0.00 | 22.64 -0.36 -0.26 | 25.41 -0.56 -0.24 | 24.63 -0.65 0.00 | 23.91 -0.69 0.00 | 23.61 -0.67 0.00 | 24.52 -0.60 0.00 | 33.13 -0.68 0.00 | 38.57 -0.35 0.00 | 41.15 -0.11 -0.15 | 43.83 -0.01 -0.67 | 40.66 0.16 0.00 | 33.56 0.10 0.00 | 29.80 0.02 0.00 |
| S.PERRY__115KV_TB1 80734 | 28.99 0.77 0.00 | 26.16 0.81 0.00 | 25.89 0.83 0.00 | 25.53 0.81 0.00 | 25.47 0.81 0.00 | 25.87 0.83 0.00 | 28.67 0.95 0.00 | 36.22 1.27 0.00 | 25.75 0.54 0.00 | 24.24 0.20 0.00 | 23.51 0.24 0.00 | 23.14 0.39 0.00 | 26.24 0.51 0.00 | 25.84 0.56 0.00 | 24.88 0.28 0.00 | 24.39 0.11 0.00 | 25.29 0.18 0.00 | 34.38 0.56 0.00 | 40.40 1.49 0.00 | 42.97 1.85 0.00 | 45.07 1.89 0.00 | 41.91 1.41 0.00 | 34.76 1.30 0.00 | 30.87 1.09 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 27.86 -0.36 0.00 | 25.30 -0.05 0.00 | 25.13 0.07 0.00 | 24.76 0.03 0.00 | 24.64 -0.03 0.00 | 24.87 -0.17 0.00 | 27.17 -0.55 0.00 | 34.33 -0.62 0.00 | 24.96 -0.25 0.00 | 23.90 -0.14 0.00 | 23.24 -0.03 0.00 | 22.96 0.22 0.00 | 26.03 0.30 0.00 | 25.25 -0.03 0.00 | 24.20 -0.41 0.00 | 23.79 -0.48 0.00 | 24.66 -0.45 0.00 | 33.33 -0.49 0.00 | 38.51 -0.40 0.00 | 40.50 -0.62 0.00 | 42.52 -0.65 0.00 | 39.59 -0.91 0.00 | 33.16 -0.29 0.00 | 29.68 -0.10 0.00 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 27.86 -0.36 0.00 | 25.30 -0.05 0.00 | 25.13 0.07 0.00 | 24.76 0.03 0.00 | 24.64 -0.03 0.00 | 24.87 -0.17 0.00 | 27.17 -0.55 0.00 | 34.33 -0.62 0.00 | 24.96 -0.25 0.00 | 23.90 -0.14 0.00 | 23.24 -0.03 0.00 | 22.96 0.22 0.00 | 26.03 0.30 0.00 | 25.25 -0.03 0.00 | 24.20 -0.41 0.00 | 23.79 -0.48 0.00 | 24.66 -0.45 0.00 | 33.33 -0.49 0.00 | 38.51 -0.40 0.00 | 40.50 -0.62 0.00 | 42.52 -0.65 0.00 | 39.59 -0.91 0.00 | 33.16 -0.29 0.00 | 29.68 -0.10 0.00 |
| SELKIRK___I 23801 | 28.80 0.57 0.00 | 25.84 0.49 0.00 | 25.54 0.48 0.00 | 25.22 0.49 0.00 | 25.15 0.49 0.00 | 25.54 0.50 0.00 | 28.32 0.59 0.00 | 35.57 0.61 0.00 | 25.53 0.32 0.00 | 24.31 0.27 0.00 | 23.52 0.26 0.00 | 23.00 0.25 0.00 | 25.98 0.26 0.01 | 25.53 0.26 0.00 | 24.93 0.32 0.00 | 24.60 0.33 0.00 | 25.42 0.31 0.00 | 34.28 0.46 0.00 | 39.52 0.61 0.00 | 41.72 0.61 0.00 | 43.98 0.81 0.00 | 41.36 0.85 0.00 | 34.03 0.68 0.11 | 30.32 0.59 0.05 |
| SELKIRK___II 23799 | 28.60 0.38 0.00 | 25.66 0.31 0.00 | 25.34 0.28 0.00 | 25.02 0.29 0.00 | 24.95 0.29 0.00 | 25.35 0.31 0.00 | 28.10 0.38 0.00 | 35.36 0.40 0.00 | 25.50 0.29 0.00 | 24.34 0.30 0.00 | 23.55 0.28 0.00 | 23.03 0.28 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.96 0.35 0.00 | 24.61 0.34 0.00 | 25.40 0.29 0.00 | 34.17 0.36 0.00 | 39.29 0.38 0.00 | 41.46 0.34 0.00 | 43.74 0.56 0.00 | 41.14 0.63 0.00 | 33.80 0.48 0.13 | 30.13 0.41 0.06 |
| SENECA OSWGO___HYD 24041 | 30.22 -0.60 -2.60 | 26.68 -0.51 -1.84 | 25.02 -0.50 -0.46 | 24.33 -0.49 -0.10 | 25.02 -0.50 -0.85 | 29.91 -0.51 -5.37 | 40.23 -0.64 -13.14 | 34.91 -0.77 -0.72 | 24.59 -0.62 0.00 | 23.40 -0.64 0.00 | 22.64 -0.62 0.00 | 22.25 -0.59 -0.09 | 25.13 -0.69 -0.09 | 24.59 -0.68 0.00 | 23.92 -0.68 0.00 | 23.58 -0.69 0.00 | 24.45 -0.66 0.00 | 32.99 -0.83 0.00 | 38.07 -0.84 0.00 | 40.51 -0.84 -0.24 | 43.38 -0.84 -1.04 | 39.66 -0.85 0.00 | 32.80 -0.66 0.00 | 29.16 -0.62 0.00 |
| SENECA___115KV_TB3 355854 | 28.08 -0.14 0.00 | 25.46 0.11 0.00 | 25.26 0.20 0.00 | 24.90 0.18 0.00 | 24.79 0.12 0.00 | 25.05 0.01 0.00 | 27.42 -0.30 0.00 | 34.68 -0.27 0.00 | 25.18 -0.02 0.00 | 24.10 0.06 0.00 | 23.43 0.16 0.00 | 23.15 0.41 0.00 | 26.24 0.51 0.00 | 25.49 0.21 0.00 | 24.44 -0.17 0.00 | 24.01 -0.27 0.00 | 24.89 -0.22 0.00 | 33.66 -0.16 0.00 | 38.90 -0.01 0.00 | 40.95 -0.16 0.00 | 42.97 -0.20 0.00 | 39.99 -0.52 0.00 | 33.43 -0.03 0.00 | 29.90 0.11 0.00 |
| SENECA___ENERGY 23797 | 29.67 -0.13 -1.59 | 26.41 -0.08 -1.13 | 25.26 -0.08 -0.28 | 24.74 -0.05 -0.06 | 25.12 -0.06 -0.52 | 28.28 -0.04 -3.28 | 35.68 -0.06 -8.02 | 35.42 0.02 -0.44 | 25.12 -0.09 0.00 | 23.82 -0.22 0.00 | 23.02 -0.25 0.00 | 22.64 -0.17 -0.06 | 25.61 -0.17 -0.05 | 25.12 -0.16 0.00 | 24.35 -0.25 0.00 | 23.97 -0.31 0.00 | 24.87 -0.24 0.00 | 33.72 -0.10 0.00 | 39.02 0.10 0.00 | 41.38 0.18 -0.09 | 43.68 0.13 -0.38 | 40.50 -0.01 0.00 | 33.52 0.06 0.00 | 29.75 -0.03 0.00 |
| SHOEMAKER___GT 23640 | 28.93 0.71 0.00 | 25.89 0.53 0.00 | 25.54 0.48 0.00 | 25.18 0.45 0.00 | 25.13 0.47 0.00 | 25.64 0.60 0.00 | 28.49 0.77 0.00 | 35.95 1.00 0.00 | 25.96 0.75 0.00 | 24.77 0.73 0.00 | 23.30 0.75 0.72 | 22.06 0.74 1.43 | 26.58 0.84 -0.01 | 26.24 0.96 0.00 | 25.58 0.97 0.00 | 25.19 0.92 0.00 | 25.96 0.85 0.00 | 34.89 1.07 0.00 | 40.11 1.20 0.00 | 42.34 1.22 0.00 | 44.71 1.53 0.00 | 42.03 1.53 0.00 | 34.86 1.20 -0.20 | 30.84 0.96 -0.10 |
| SHOEMAKR_138KV_BK 111 55601 | 28.92 0.70 0.00 | 25.87 0.52 0.00 | 25.53 0.47 0.00 | 25.17 0.44 0.00 | 25.13 0.46 0.00 | 25.63 0.59 0.00 | 28.48 0.76 0.00 | 35.95 1.00 0.00 | 25.97 0.76 0.00 | 24.79 0.75 0.00 | 23.36 0.78 0.69 | 22.15 0.77 1.36 | 26.61 0.87 -0.01 | 26.27 0.99 0.00 | 25.61 1.00 0.00 | 25.22 0.95 0.00 | 25.99 0.88 0.00 | 34.90 1.08 0.00 | 40.11 1.20 0.00 | 42.32 1.20 0.00 | 44.69 1.51 0.00 | 42.02 1.51 0.00 | 34.85 1.19 -0.20 | 30.83 0.96 -0.09 |
| SHOREHAM_IC_1 23715 | 29.52 1.31 0.00 | 26.38 1.03 0.00 | 26.20 1.14 0.00 | 27.55 1.26 -1.56 | 27.42 1.28 -1.47 | 26.47 1.38 -0.05 | 29.56 1.72 -0.12 | 37.01 2.05 0.00 | 36.16 1.51 -9.44 | 58.85 1.73 -33.08 | 26.03 1.87 -0.89 | 26.04 1.51 -1.78 | 39.01 1.72 -11.56 | 61.82 1.46 -35.08 | 42.21 1.78 -15.83 | 37.92 1.43 -12.21 | 41.85 1.29 -15.45 | 48.18 1.61 -12.75 | 40.85 1.94 0.00 | 43.33 1.81 -0.41 | 48.33 2.65 -2.50 | 44.24 2.75 -0.98 | 37.69 2.58 -1.65 | 31.53 1.63 -0.12 |
| SHOREHAM_IC_2 23716 | 29.52 1.30 0.00 | 26.38 1.03 0.00 | 26.19 1.14 0.00 | 27.55 1.26 -1.56 | 27.41 1.28 -1.47 | 26.47 1.38 -0.05 | 29.56 1.72 -0.12 | 37.01 2.05 0.00 | 36.17 1.52 -9.44 | 58.85 1.73 -33.08 | 26.03 1.88 -0.89 | 26.04 1.51 -1.78 | 39.01 1.72 -11.56 | 61.82 1.46 -35.08 | 42.21 1.77 -15.83 | 37.92 1.43 -12.21 | 41.84 1.28 -15.45 | 48.17 1.60 -12.75 | 40.85 1.93 0.00 | 43.33 1.81 -0.41 | 48.34 2.66 -2.50 | 44.24 2.75 -0.98 | 37.69 2.57 -1.65 | 31.53 1.64 -0.12 |
| SISSONVILLE____ 23735 | 100.32 0.78 -71.32 | 76.65 0.75 -50.54 | 38.45 0.72 -12.67 | 28.09 0.68 -2.68 | 48.73 0.71 -23.35 | 172.97 0.72 -147.21 | 388.66 0.81 -360.13 | 55.71 0.97 -19.79 | 25.70 0.50 0.00 | 24.44 0.40 0.00 | 23.59 0.32 0.00 | 25.60 0.32 -2.53 | 28.43 0.35 -2.34 | 25.47 0.19 0.00 | 24.69 0.09 0.00 | 24.39 0.11 0.00 | 25.10 -0.01 0.00 | 33.72 -0.10 0.00 | 39.16 0.25 0.00 | 41.58 0.47 0.00 | 43.65 0.48 0.00 | 41.15 0.64 0.00 | 33.82 0.36 0.00 | 30.37 0.58 0.00 |
| SITHE_IND_GS1 24169 | 27.34 -0.88 0.00 | 24.61 -0.75 0.00 | 24.33 -0.73 0.00 | 24.01 -0.72 0.00 | 23.95 -0.72 0.00 | 24.29 -0.76 0.00 | 26.77 -0.95 0.00 | 33.77 -1.18 0.00 | 24.33 -0.88 0.00 | 23.17 -0.87 0.00 | 22.43 -0.84 0.00 | 21.95 -0.79 0.00 | 24.83 -0.90 0.00 | 24.39 -0.89 0.00 | 23.71 -0.89 0.00 | 23.39 -0.89 0.00 | 24.23 -0.89 0.00 | 32.65 -1.17 0.00 | 37.61 -1.30 0.00 | 38.98 -1.38 0.75 | 38.46 -1.43 3.28 | 39.12 -1.39 0.00 | 32.38 -1.08 0.00 | 28.83 -0.95 0.00 |
| SITHE_IND_GS2 24170 | 27.34 -0.88 0.00 | 24.61 -0.75 0.00 | 24.33 -0.73 0.00 | 24.01 -0.72 0.00 | 23.95 -0.72 0.00 | 24.29 -0.76 0.00 | 26.77 -0.95 0.00 | 33.77 -1.18 0.00 | 24.33 -0.88 0.00 | 23.17 -0.87 0.00 | 22.43 -0.84 0.00 | 21.95 -0.79 0.00 | 24.83 -0.90 0.00 | 24.39 -0.89 0.00 | 23.71 -0.89 0.00 | 23.39 -0.89 0.00 | 24.23 -0.89 0.00 | 32.65 -1.17 0.00 | 37.61 -1.30 0.00 | 38.98 -1.38 0.75 | 38.46 -1.43 3.28 | 39.12 -1.39 0.00 | 32.38 -1.08 0.00 | 28.83 -0.95 0.00 |
| SITHE_IND_GS3 24171 | 27.34 -0.88 0.00 | 24.61 -0.75 0.00 | 24.33 -0.73 0.00 | 24.01 -0.72 0.00 | 23.95 -0.72 0.00 | 24.29 -0.76 0.00 | 26.77 -0.95 0.00 | 33.77 -1.18 0.00 | 24.33 -0.88 0.00 | 23.17 -0.87 0.00 | 22.43 -0.84 0.00 | 21.95 -0.79 0.00 | 24.83 -0.90 0.00 | 24.39 -0.89 0.00 | 23.71 -0.89 0.00 | 23.39 -0.89 0.00 | 24.23 -0.89 0.00 | 32.65 -1.17 0.00 | 37.61 -1.30 0.00 | 38.98 -1.38 0.75 | 38.46 -1.43 3.28 | 39.12 -1.39 0.00 | 32.38 -1.08 0.00 | 28.83 -0.95 0.00 |
| SITHE_IND_GS4 24172 | 27.34 -0.88 0.00 | 24.61 -0.75 0.00 | 24.33 -0.73 0.00 | 24.01 -0.72 0.00 | 23.95 -0.72 0.00 | 24.29 -0.76 0.00 | 26.77 -0.95 0.00 | 33.77 -1.18 0.00 | 24.33 -0.88 0.00 | 23.17 -0.87 0.00 | 22.43 -0.84 0.00 | 21.95 -0.79 0.00 | 24.83 -0.90 0.00 | 24.39 -0.89 0.00 | 23.71 -0.89 0.00 | 23.39 -0.89 0.00 | 24.23 -0.89 0.00 | 32.65 -1.17 0.00 | 37.61 -1.30 0.00 | 38.98 -1.38 0.75 | 38.46 -1.43 3.28 | 39.12 -1.39 0.00 | 32.38 -1.08 0.00 | 28.83 -0.95 0.00 |

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|------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SITHE___BATAVIA 24024 | 28.52 0.30 0.00 | 25.85 0.50 0.00 | 25.65 0.59 0.00 | 25.26 0.53 0.00 | 25.16 0.49 0.00 | 25.47 0.42 0.00 | 27.95 0.23 0.00 | 35.38 0.43 0.00 | 25.53 0.32 0.00 | 24.21 0.17 0.00 | 23.43 0.17 0.00 | 23.10 0.35 0.00 | 26.18 0.44 0.00 | 25.50 0.22 0.00 | 24.57 -0.03 0.00 | 24.17 -0.10 0.00 | 25.09 -0.02 0.00 | 33.99 0.17 0.00 | 39.55 0.64 0.00 | 41.82 0.70 0.00 | 43.96 0.78 0.00 | 40.90 0.40 0.00 | 34.07 0.61 0.00 | 30.39 0.60 0.00 |
| SITHE___INDEPEND 23800 | 27.34 -0.88 0.00 | 24.61 -0.74 0.00 | 24.33 -0.73 0.00 | 24.01 -0.72 0.00 | 23.95 -0.72 0.00 | 24.29 -0.76 0.00 | 26.77 -0.95 0.00 | 33.77 -1.18 0.00 | 24.33 -0.88 0.00 | 23.17 -0.87 0.00 | 22.43 -0.84 0.00 | 21.95 -0.79 0.00 | 24.83 -0.90 0.00 | 24.39 -0.89 0.00 | 23.71 -0.90 0.00 | 23.39 -0.89 0.00 | 24.23 -0.88 0.00 | 32.65 -1.17 0.00 | 37.61 -1.30 0.00 | 38.98 -1.38 0.75 | 38.46 -1.44 3.28 | 39.12 -1.39 0.00 | 32.38 -1.08 0.00 | 28.83 -0.95 0.00 |
| SITHE___MASSENA 23902 | 131.98 0.40 -103.36 | 99.02 0.42 -73.24 | 43.82 0.41 -18.36 | 28.99 0.38 -3.89 | 58.91 0.40 -33.85 | 238.77 -0.37 -213.35 | 550.08 0.43 -521.93 | 64.14 0.51 -28.68 | 25.50 0.29 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.65 0.24 -3.67 | 29.45 0.32 -3.40 | 25.48 0.20 0.00 | 24.74 0.14 0.00 | 24.44 0.17 0.00 | 25.26 0.15 0.00 | 34.00 0.18 0.00 | 39.26 0.35 0.00 | 41.59 0.48 0.00 | 43.50 0.32 0.00 | 40.75 0.24 0.00 | 33.32 -0.14 0.00 | 30.00 0.21 0.00 |
| SITHE___OGDNSBRG 24021 | 112.98 1.00 -83.76 | 85.67 0.97 -59.35 | 40.86 0.92 -14.88 | 28.76 0.88 -3.15 | 53.02 0.93 -27.43 | 198.87 0.93 -172.90 | 451.79 1.10 -422.97 | 59.49 1.29 -23.24 | 25.82 0.61 0.00 | 24.51 0.47 0.00 | 23.65 0.38 0.00 | 26.07 0.35 -2.97 | 28.95 0.46 -2.75 | 25.59 0.31 0.00 | 24.81 0.21 0.00 | 24.66 0.38 0.00 | 25.41 0.29 0.00 | 34.29 0.47 0.00 | 39.92 1.01 0.00 | 42.43 1.32 0.00 | 44.42 1.24 0.00 | 41.63 1.12 0.00 | 34.03 0.57 0.00 | 30.60 0.82 0.00 |
| SITHE___STERLING 23777 | 33.51 0.78 -4.50 | 29.22 0.68 -3.19 | 26.50 0.65 -0.80 | 25.54 0.64 -0.17 | 26.80 0.66 -1.47 | 35.07 0.73 -9.29 | 51.34 0.89 -22.73 | 37.28 1.07 -1.25 | 25.75 0.55 0.00 | 24.39 0.35 0.00 | 23.56 0.29 0.00 | 23.20 0.30 -0.16 | 26.18 0.30 -0.15 | 25.56 0.28 0.00 | 24.94 0.34 0.00 | 24.73 0.45 0.00 | 25.72 0.60 0.00 | 34.84 1.02 0.00 | 40.27 1.36 0.00 | 42.65 1.50 -0.03 | 44.90 1.60 -0.13 | 41.97 1.46 0.00 | 34.59 1.13 0.00 | 30.70 0.92 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 29.29 -0.34 -1.41 | 26.11 -0.24 -1.00 | 25.09 -0.21 -0.25 | 24.55 -0.23 -0.05 | 24.90 -0.23 -0.46 | 27.73 -0.23 -2.91 | 34.53 -0.32 -7.13 | 35.05 -0.30 -0.39 | 24.92 -0.29 0.00 | 23.67 -0.37 0.00 | 22.91 -0.35 0.00 | 22.53 -0.26 -0.05 | 25.54 -0.24 -0.05 | 25.00 -0.27 0.00 | 24.21 -0.40 0.00 | 23.89 -0.38 0.00 | 24.81 -0.30 0.00 | 33.60 -0.22 0.00 | 38.93 0.02 0.00 | 41.08 -0.03 0.00 | 43.12 -0.06 0.00 | 40.22 -0.29 0.00 | 33.29 -0.17 0.00 | 29.56 -0.22 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 29.55 1.33 0.00 | 26.36 1.01 0.00 | 26.06 1.00 0.00 | 28.16 1.01 -2.42 | 27.99 1.04 -2.28 | 26.34 1.22 -0.07 | 29.46 1.55 -0.18 | 36.80 1.85 0.00 | 41.24 1.35 -14.67 | 76.99 1.53 -51.42 | 25.94 1.79 -0.89 | 26.06 1.53 -1.78 | 39.09 1.74 -11.62 | 62.36 1.83 -35.26 | 42.41 1.90 -15.91 | 38.31 1.76 -12.27 | 42.25 1.61 -15.52 | 48.63 1.99 -12.81 | 41.29 2.37 0.00 | 43.79 2.26 -0.41 | 48.56 2.86 -2.52 | 44.51 3.02 -0.98 | 37.74 2.62 -1.66 | 31.72 1.82 -0.12 |
| SOUTH CAIRO___GT 23612 | 29.35 1.12 0.00 | 26.31 0.95 0.00 | 25.97 0.91 0.00 | 25.65 0.92 0.00 | 25.57 0.91 0.00 | 26.02 0.98 0.00 | 28.95 1.23 0.00 | 36.44 1.49 0.00 | 26.09 0.88 0.00 | 24.57 0.53 0.00 | 23.64 0.37 0.00 | 23.11 0.37 0.00 | 26.09 0.36 0.00 | 25.65 0.37 0.00 | 25.07 0.46 0.00 | 24.77 0.50 0.00 | 25.65 0.54 0.00 | 34.84 1.03 0.00 | 40.65 1.74 0.00 | 43.03 1.92 0.00 | 45.34 2.17 0.00 | 42.52 2.02 0.00 | 34.89 1.51 0.08 | 31.00 1.25 0.04 |
| SOUTH HAMPTN___IC 23720 | 29.90 1.68 0.00 | 26.72 1.37 0.00 | 26.52 1.46 0.00 | 27.79 1.56 -1.50 | 27.66 1.59 -1.41 | 26.81 1.73 -0.04 | 29.94 2.10 -0.11 | 37.49 2.53 0.00 | 36.12 1.87 -9.04 | 57.78 2.06 -31.69 | 26.37 2.21 -0.89 | 26.35 1.83 -1.78 | 39.33 2.06 -11.54 | 62.18 1.87 -35.03 | 42.62 2.21 -15.81 | 38.39 1.92 -12.20 | 42.36 1.82 -15.43 | 48.90 2.35 -12.73 | 41.68 2.76 0.00 | 44.17 2.65 -0.41 | 49.10 3.42 -2.50 | 44.93 3.45 -0.98 | 38.20 3.09 -1.65 | 32.00 2.10 -0.12 |
| SOUTHDOW_115KV_TB1 355954 | 28.30 0.08 0.00 | 25.56 0.20 0.00 | 25.30 0.24 0.00 | 24.99 0.26 0.00 | 24.87 0.20 0.00 | 25.27 0.23 0.00 | 28.06 0.33 0.00 | 35.84 0.89 0.00 | 25.82 0.61 0.00 | 24.66 0.62 0.00 | 23.96 0.69 0.00 | 23.69 0.95 0.00 | 26.76 1.03 0.00 | 26.13 0.85 0.00 | 24.84 0.24 0.00 | 24.22 -0.05 0.00 | 25.02 -0.09 0.00 | 33.92 0.11 0.00 | 39.28 0.37 0.00 | 41.53 0.41 0.00 | 43.45 0.27 0.00 | 40.34 -0.17 0.00 | 33.69 0.23 0.00 | 30.05 0.27 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 30.37 2.15 0.00 | 27.14 1.79 0.00 | 26.95 1.89 0.00 | 28.22 1.99 -1.50 | 28.10 2.02 -1.41 | 27.29 2.20 -0.04 | 30.46 2.63 -0.11 | 38.17 3.21 0.00 | 36.61 2.35 -9.05 | 58.26 2.51 -31.70 | 26.78 2.63 -0.89 | 26.68 2.16 -1.78 | 39.67 2.39 -11.54 | 62.54 2.22 -35.04 | 43.09 2.67 -15.81 | 38.90 2.44 -12.20 | 42.93 2.39 -15.43 | 49.72 3.16 -12.73 | 42.60 3.68 0.00 | 45.11 3.59 -0.41 | 50.05 4.37 -2.50 | 45.77 4.29 -0.98 | 38.85 3.74 -1.65 | 32.54 2.65 -0.12 |
| SOUTHOLD___IC 23719 | 30.37 2.15 0.00 | 27.14 1.79 0.00 | 26.95 1.88 0.00 | 28.22 2.00 -1.50 | 28.10 2.03 -1.41 | 27.29 2.20 -0.04 | 30.46 2.63 -0.11 | 38.17 3.21 0.00 | 36.61 2.35 -9.05 | 58.26 2.51 -31.70 | 26.78 2.63 -0.89 | 26.68 2.16 -1.78 | 39.67 2.39 -11.54 | 62.54 2.22 -35.04 | 43.09 2.68 -15.81 | 38.91 2.44 -12.20 | 42.94 2.40 -15.43 | 49.73 3.18 -12.73 | 42.60 3.68 0.00 | 45.12 3.59 -0.41 | 50.04 4.37 -2.50 | 45.78 4.29 -0.98 | 38.85 3.74 -1.65 | 32.54 2.65 -0.12 |
| SOUTH_FORK_WT_PWR 323839 | 30.46 2.23 0.00 | 27.23 1.88 0.00 | 27.05 1.99 0.00 | 28.32 2.10 -1.50 | 28.20 2.13 -1.41 | 27.40 2.31 -0.04 | 30.59 2.75 -0.11 | 38.30 3.34 0.00 | 36.70 2.44 -9.05 | 58.34 2.60 -31.69 | 26.87 2.71 -0.89 | 26.71 2.18 -1.78 | 39.65 2.37 -11.54 | 62.52 2.21 -35.03 | 43.16 2.75 -15.81 | 38.98 2.51 -12.20 | 43.02 2.49 -15.43 | 49.84 3.29 -12.73 | 42.72 3.81 0.00 | 45.23 3.71 -0.41 | 50.19 4.51 -2.50 | 45.90 4.42 -0.98 | 38.95 3.84 -1.65 | 32.63 2.73 -0.12 |
| SPIERFLS_115KV_TB 1 80737 | 30.45 2.23 0.00 | 27.20 1.85 0.00 | 26.80 1.74 0.00 | 26.54 1.81 0.00 | 26.47 1.80 0.00 | 27.01 1.96 0.00 | 30.01 2.29 0.00 | 37.79 2.83 0.00 | 26.94 1.73 0.00 | 25.49 1.45 0.00 | 24.48 1.22 0.00 | 23.87 1.13 0.00 | 26.90 1.18 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.04 1.92 0.00 | 36.66 2.84 0.00 | 42.21 3.30 0.00 | 44.60 3.49 0.00 | 47.19 4.01 0.00 | 44.29 3.78 0.00 | 36.14 2.93 0.25 | 32.29 2.62 0.12 |
| ST LAWRENCE____ 23600 | 20.80 -0.01 7.41 | 20.14 0.04 5.25 | 23.76 0.04 1.34 | 24.45 0.02 0.30 | 22.24 0.03 2.45 | 9.76 0.00 15.28 | -9.67 0.00 37.39 | 32.85 0.00 2.10 | 25.22 0.01 0.00 | 24.09 0.05 0.00 | 23.30 0.03 0.00 | 22.44 -0.02 0.28 | 25.50 0.03 0.26 | 25.24 -0.03 0.00 | 24.53 -0.08 0.00 | 24.22 -0.05 0.00 | 25.06 -0.05 0.00 | 33.73 -0.08 0.00 | 38.86 -0.05 0.00 | 41.13 0.02 0.00 | 42.98 -0.20 0.00 | 40.24 -0.27 0.00 | 33.24 -0.22 0.00 | 29.66 -0.12 0.00 |

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|------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| STATE_CA_115KV_115_LB 55624 | 28.63 0.41 0.00 | 25.67 0.32 0.00 | 25.34 0.28 0.00 | 25.02 0.29 0.00 | 24.98 0.31 0.00 | 25.38 0.33 0.00 | 28.13 0.41 0.00 | 35.36 0.40 0.00 | 25.52 0.31 0.00 | 24.36 0.32 0.00 | 23.55 0.28 0.00 | 23.04 0.29 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.97 0.37 0.00 | 24.67 0.39 0.00 | 25.46 0.35 0.00 | 34.30 0.48 0.00 | 39.43 0.51 0.00 | 41.58 0.47 0.00 | 43.87 0.70 0.00 | 41.26 0.75 0.00 | 33.80 0.53 0.19 | 30.15 0.46 0.09 |
| STATE_ST_34_KV_LOAD 55959 | 29.80 -0.06 -1.64 | 26.50 -0.02 -1.16 | 25.33 -0.02 -0.29 | 24.79 0.00 -0.06 | 25.19 -0.01 -0.54 | 28.44 0.01 -3.38 | 35.99 -0.01 -8.28 | 35.55 0.14 -0.45 | 25.14 -0.07 0.00 | 23.91 -0.13 0.00 | 23.04 -0.23 0.00 | 22.61 -0.19 -0.06 | 25.60 -0.18 -0.05 | 25.08 -0.19 0.00 | 24.43 -0.17 0.00 | 24.11 -0.16 0.00 | 25.04 -0.08 0.00 | 33.86 0.05 0.00 | 39.16 0.26 0.00 | 41.42 0.20 -0.10 | 43.88 0.25 -0.45 | 40.68 0.17 0.00 | 33.65 0.19 0.00 | 29.80 0.02 0.00 |
| STATION_5_MISC_HYD 23604 | 28.06 -0.16 0.00 | 25.33 -0.02 0.00 | 25.08 0.03 0.00 | 24.72 -0.01 0.00 | 24.64 -0.02 0.00 | 24.99 -0.06 0.00 | 27.50 -0.21 0.00 | 34.77 -0.19 0.00 | 25.08 -0.13 0.00 | 23.90 -0.14 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.86 0.12 0.00 | 25.31 0.03 0.00 | 24.43 -0.17 0.00 | 24.09 -0.18 0.00 | 24.99 -0.12 0.00 | 33.83 0.01 0.00 | 39.12 0.21 0.00 | 41.24 0.12 0.00 | 43.29 0.12 0.00 | 40.35 -0.16 0.00 | 33.49 0.03 0.00 | 29.79 0.01 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 29.43 -0.18 -1.39 | 26.26 -0.08 -0.98 | 25.26 -0.05 -0.24 | 24.73 -0.05 -0.05 | 25.06 -0.06 -0.45 | 27.84 -0.07 -2.87 | 34.60 -0.14 -7.02 | 35.23 -0.11 -0.38 | 25.08 -0.12 0.00 | 23.85 -0.19 0.00 | 23.11 -0.16 0.00 | 22.74 -0.06 -0.05 | 25.75 -0.03 -0.05 | 25.21 -0.06 0.00 | 24.39 -0.21 0.00 | 24.04 -0.23 0.00 | 24.95 -0.16 0.00 | 33.80 -0.02 0.00 | 39.10 0.20 0.00 | 41.28 0.16 0.00 | 43.29 0.12 0.00 | 40.41 -0.10 0.00 | 33.47 0.01 0.00 | 29.75 -0.03 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 27.95 -0.28 0.00 | 25.22 -0.13 0.00 | 24.97 -0.09 0.00 | 24.61 -0.12 0.00 | 24.54 -0.13 0.00 | 24.89 -0.16 0.00 | 27.40 -0.32 0.00 | 34.64 -0.32 0.00 | 24.98 -0.23 0.00 | 23.80 -0.23 0.00 | 23.11 -0.16 0.00 | 22.72 -0.03 0.00 | 25.75 0.03 0.00 | 25.22 -0.06 0.00 | 24.36 -0.24 0.00 | 24.03 -0.25 0.00 | 24.93 -0.18 0.00 | 33.75 -0.07 0.00 | 39.03 0.12 0.00 | 41.13 0.02 0.00 | 43.15 -0.03 0.00 | 40.24 -0.27 0.00 | 33.36 -0.10 0.00 | 29.67 -0.11 0.00 |
| STA_56___34_KV_BUS2 355983 | 27.95 -0.28 0.00 | 25.22 -0.13 0.00 | 24.97 -0.09 0.00 | 24.61 -0.12 0.00 | 24.54 -0.13 0.00 | 24.89 -0.16 0.00 | 27.40 -0.32 0.00 | 34.64 -0.32 0.00 | 24.98 -0.23 0.00 | 23.80 -0.23 0.00 | 23.11 -0.16 0.00 | 22.72 -0.03 0.00 | 25.75 0.03 0.00 | 25.22 -0.06 0.00 | 24.36 -0.24 0.00 | 24.03 -0.25 0.00 | 24.93 -0.18 0.00 | 33.75 -0.07 0.00 | 39.03 0.12 0.00 | 41.13 0.02 0.00 | 43.15 -0.03 0.00 | 40.24 -0.27 0.00 | 33.36 -0.10 0.00 | 29.67 -0.11 0.00 |
| STA_67___115KV_BK2 355882 | 28.03 -0.19 0.00 | 25.32 -0.04 0.00 | 25.07 0.01 0.00 | 24.71 -0.02 0.00 | 24.63 -0.03 0.00 | 24.97 -0.07 0.00 | 27.49 -0.23 0.00 | 34.75 -0.21 0.00 | 25.06 -0.15 0.00 | 23.88 -0.16 0.00 | 23.19 -0.08 0.00 | 22.79 0.04 0.00 | 25.83 0.10 0.00 | 25.29 0.01 0.00 | 24.41 -0.19 0.00 | 24.07 -0.20 0.00 | 24.97 -0.14 0.00 | 33.79 -0.02 0.00 | 39.09 0.19 0.00 | 41.21 0.09 0.00 | 43.24 0.07 0.00 | 40.31 -0.20 0.00 | 33.46 -0.01 0.00 | 29.77 -0.01 0.00 |
| STA_7___115KV_9TRANS 80674 | 28.34 0.12 0.00 | 25.57 0.21 0.00 | 25.30 0.24 0.00 | 24.93 0.20 0.00 | 24.86 0.20 0.00 | 25.22 0.17 0.00 | 27.79 0.07 0.00 | 35.13 0.18 0.00 | 25.34 0.13 0.00 | 24.14 0.10 0.00 | 23.45 0.19 0.00 | 23.06 0.32 0.00 | 26.17 0.44 0.00 | 25.62 0.34 0.00 | 24.74 0.14 0.00 | 24.40 0.13 0.00 | 25.33 0.22 0.00 | 34.32 0.50 0.00 | 39.73 0.82 0.00 | 41.85 0.74 0.00 | 43.89 0.72 0.00 | 40.89 0.38 0.00 | 33.89 0.43 0.00 | 30.13 0.34 0.00 |
| STA_82___115KV_TB1 80780 | 28.07 -0.15 0.00 | 25.35 -0.01 0.00 | 25.10 0.04 0.00 | 24.74 0.01 0.00 | 24.67 0.00 0.00 | 25.00 -0.04 0.00 | 27.52 -0.20 0.00 | 34.79 -0.17 0.00 | 25.09 -0.12 0.00 | 23.91 -0.13 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.87 0.13 0.00 | 25.31 0.03 0.00 | 24.44 -0.16 0.00 | 24.10 -0.17 0.00 | 25.01 -0.10 0.00 | 33.85 0.03 0.00 | 39.17 0.26 0.00 | 41.28 0.17 0.00 | 43.32 0.15 0.00 | 40.38 -0.12 0.00 | 33.50 0.04 0.00 | 29.82 0.03 0.00 |
| STEEL___WIND 323596 | 28.05 -0.17 0.00 | 25.44 0.09 0.00 | 25.25 0.19 0.00 | 24.88 0.15 0.00 | 24.76 0.10 0.00 | 25.02 -0.03 0.00 | 27.39 -0.33 0.00 | 34.65 -0.31 0.00 | 25.16 -0.05 0.00 | 24.08 0.04 0.00 | 23.40 0.14 0.00 | 23.13 0.38 0.00 | 26.20 0.47 0.00 | 25.45 0.17 0.00 | 24.41 -0.20 0.00 | 23.97 -0.30 0.00 | 24.85 -0.26 0.00 | 33.61 -0.21 0.00 | 38.83 -0.09 0.00 | 40.92 -0.19 0.00 | 42.95 -0.23 0.00 | 39.94 -0.57 0.00 | 33.39 -0.07 0.00 | 29.87 0.09 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 28.78 0.56 0.00 | 25.75 0.39 0.00 | 25.39 0.33 0.00 | 25.08 0.34 0.00 | 25.05 0.38 0.00 | 25.49 0.45 0.00 | 28.29 0.57 0.00 | 35.57 0.62 0.00 | 25.63 0.42 0.00 | 24.44 0.40 0.00 | 23.73 0.35 -0.11 | 23.31 0.35 -0.22 | 26.07 0.35 0.01 | 25.68 0.40 0.00 | 25.03 0.43 0.00 | 24.71 0.44 0.00 | 25.58 0.47 0.00 | 34.53 0.71 0.00 | 39.67 0.76 0.00 | 41.80 0.69 0.00 | 44.01 0.84 0.00 | 41.47 0.97 0.00 | 33.95 0.67 0.19 | 30.27 0.58 0.09 |
| STEUBEN_REC_LFGE 323667 | 28.43 0.21 0.00 | 25.67 0.32 0.00 | 25.42 0.36 0.00 | 25.10 0.37 0.00 | 24.99 0.32 0.00 | 25.44 0.39 0.00 | 28.12 0.40 0.00 | 35.51 0.56 0.00 | 25.33 0.12 0.00 | 23.99 -0.05 0.00 | 23.21 -0.06 0.00 | 22.86 0.12 0.00 | 25.93 0.20 0.00 | 25.45 0.17 0.00 | 24.41 -0.20 0.00 | 23.91 -0.36 0.00 | 24.83 -0.28 0.00 | 33.86 0.04 0.00 | 39.45 0.54 0.00 | 41.92 0.77 -0.03 | 43.81 0.50 -0.13 | 40.76 0.26 0.00 | 33.96 0.50 0.00 | 30.26 0.48 0.00 |
| STILLWATER___SOLAR 323814 | 29.83 1.61 0.00 | 26.68 1.33 0.00 | 26.30 1.24 0.00 | 26.02 1.29 0.00 | 25.96 1.29 0.00 | 26.45 1.41 0.00 | 29.38 1.66 0.00 | 36.98 2.03 0.00 | 26.43 1.22 0.00 | 25.06 1.02 0.00 | 24.13 0.86 0.00 | 23.55 0.80 0.00 | 26.56 0.85 0.02 | 26.15 0.87 0.00 | 25.57 0.96 0.00 | 25.30 1.03 0.00 | 26.41 1.29 0.00 | 35.77 1.95 0.00 | 41.16 2.25 0.00 | 43.45 2.34 0.00 | 45.89 2.72 0.00 | 43.12 2.61 0.00 | 35.23 2.03 0.26 | 31.44 1.78 0.12 |
| STONY___BROOK 24151 | 29.56 1.34 0.00 | 26.38 1.03 0.00 | 26.09 1.03 0.00 | 27.70 1.05 -1.92 | 27.55 1.07 -1.81 | 26.35 1.25 -0.06 | 29.47 1.60 -0.15 | 36.85 1.89 0.00 | 38.22 1.39 -11.62 | 66.33 1.56 -40.72 | 25.96 1.80 -0.89 | 26.03 1.51 -1.78 | 39.03 1.71 -11.59 | 62.23 1.76 -35.19 | 42.32 1.83 -15.88 | 38.21 1.69 -12.25 | 42.15 1.54 -15.49 | 48.52 1.92 -12.79 | 41.19 2.27 0.00 | 43.68 2.16 -0.41 | 48.50 2.81 -2.51 | 44.47 2.99 -0.98 | 37.72 2.61 -1.66 | 31.70 1.80 -0.12 |
| STURGEON_POOL_HYD 23609 | 29.16 0.94 0.00 | 26.06 0.71 0.00 | 25.71 0.65 0.00 | 25.33 0.60 0.00 | 25.28 0.62 0.00 | 25.82 0.78 0.00 | 28.69 0.97 0.00 | 36.25 1.29 0.00 | 26.22 1.01 0.00 | 25.07 1.03 0.00 | 24.34 1.08 0.00 | 23.80 1.06 0.00 | 26.89 1.15 -0.01 | 26.55 1.27 0.00 | 25.89 1.29 0.00 | 25.51 1.24 0.00 | 26.28 1.17 0.00 | 35.28 1.47 0.00 | 40.47 1.57 0.00 | 42.67 1.56 0.00 | 45.13 1.95 0.00 | 42.49 1.98 0.00 | 35.12 1.54 -0.11 | 31.10 1.26 -0.05 |

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|------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK7_LBMP 345037 | 17.62 0.01 10.61 | 17.90 0.07 7.52 | 23.23 0.06 1.88 | 24.37 0.04 0.40 | 21.24 0.05 3.47 | 3.17 0.03 21.90 | -25.82 0.03 53.57 | 32.03 0.02 2.94 | 25.23 0.02 0.00 | 24.09 0.05 0.00 | 23.29 0.03 0.00 | 22.33 -0.04 0.38 | 25.41 0.03 0.35 | 25.24 -0.04 0.00 | 24.52 -0.08 0.00 | 24.21 -0.06 0.00 | 25.06 -0.05 0.00 | 33.71 -0.11 0.00 | 38.85 -0.06 0.00 | 41.13 0.01 0.00 | 42.98 -0.20 0.00 | 40.23 -0.28 0.00 | 33.21 -0.25 0.00 | 29.66 -0.12 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 17.62 0.01 10.61 | 17.90 0.07 7.52 | 23.23 0.06 1.88 | 24.37 0.04 0.40 | 21.24 0.05 3.47 | 3.17 0.03 21.90 | -25.82 0.03 53.57 | 32.03 0.02 2.94 | 25.23 0.02 0.00 | 24.09 0.05 0.00 | 23.29 0.03 0.00 | 22.33 -0.04 0.38 | 25.41 0.03 0.35 | 25.24 -0.04 0.00 | 24.52 -0.08 0.00 | 24.21 -0.06 0.00 | 25.06 -0.05 0.00 | 33.71 -0.11 0.00 | 38.85 -0.06 0.00 | 41.13 0.01 0.00 | 42.98 -0.20 0.00 | 40.23 -0.28 0.00 | 33.21 -0.25 0.00 | 29.66 -0.12 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 22.09 -0.01 6.12 | 21.06 0.04 4.34 | 24.01 0.04 1.09 | 24.52 0.02 0.23 | 22.69 0.03 2.00 | 12.41 0.00 12.64 | -3.19 0.00 30.91 | 33.26 0.00 1.70 | 25.22 0.01 0.00 | 24.09 0.05 0.00 | 23.30 0.03 0.00 | 22.50 -0.02 0.22 | 25.56 0.03 0.20 | 25.24 -0.03 0.00 | 24.53 -0.08 0.00 | 24.22 -0.05 0.00 | 25.06 -0.05 0.00 | 33.73 -0.08 0.00 | 38.86 -0.05 0.00 | 41.13 0.02 0.00 | 42.98 -0.20 0.00 | 40.24 -0.27 0.00 | 33.24 -0.22 0.00 | 29.66 -0.12 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 22.09 -0.01 6.12 | 21.06 0.04 4.34 | 24.01 0.04 1.09 | 24.52 0.02 0.23 | 22.69 0.03 2.00 | 12.41 0.00 12.64 | -3.19 0.00 30.91 | 33.26 0.00 1.70 | 25.22 0.01 0.00 | 24.09 0.05 0.00 | 23.30 0.03 0.00 | 22.50 -0.02 0.22 | 25.56 0.03 0.20 | 25.24 -0.03 0.00 | 24.53 -0.08 0.00 | 24.22 -0.05 0.00 | 25.06 -0.05 0.00 | 33.73 -0.08 0.00 | 38.86 -0.05 0.00 | 41.13 0.02 0.00 | 42.98 -0.20 0.00 | 40.24 -0.27 0.00 | 33.24 -0.22 0.00 | 29.66 -0.12 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 29.01 0.79 0.00 | 25.94 0.59 0.00 | 25.59 0.53 0.00 | 25.22 0.49 0.00 | 25.19 0.52 0.00 | 25.72 0.68 0.00 | 28.59 0.87 0.00 | 36.12 1.16 0.00 | 26.11 0.90 0.00 | 24.96 0.92 0.00 | 23.40 0.97 0.83 | 22.05 0.96 1.65 | 26.83 1.09 -0.01 | 26.51 1.23 0.00 | 25.83 1.23 0.00 | 25.43 1.15 0.00 | 26.19 1.08 0.00 | 35.13 1.31 0.00 | 40.33 1.42 0.00 | 42.52 1.41 0.00 | 44.93 1.75 0.00 | 42.24 1.73 0.00 | 35.04 1.37 -0.21 | 30.99 1.10 -0.10 |
| SWANROAD_115KV_TB1 355699 | 27.56 -0.66 0.00 | 25.08 -0.27 0.00 | 24.93 -0.13 0.00 | 24.54 -0.19 0.00 | 24.44 -0.23 0.00 | 24.64 -0.40 0.00 | 26.84 -0.89 0.00 | 33.90 -1.06 0.00 | 24.66 -0.55 0.00 | 23.60 -0.44 0.00 | 22.93 -0.34 0.00 | 22.65 -0.10 0.00 | 25.66 -0.07 0.00 | 24.86 -0.42 0.00 | 23.81 -0.80 0.00 | 23.42 -0.85 0.00 | 24.28 -0.84 0.00 | 32.70 -1.12 0.00 | 37.74 -1.17 0.00 | 39.62 -1.50 0.00 | 41.68 -1.50 0.00 | 38.92 -1.58 0.00 | 32.61 -0.85 0.00 | 29.23 -0.55 0.00 |
| SYNERGY___BIOGAS 323694 | 28.52 0.30 0.00 | 25.85 0.49 0.00 | 25.65 0.60 0.00 | 25.26 0.53 0.00 | 25.16 0.49 0.00 | 25.47 0.42 0.00 | 27.96 0.24 0.00 | 35.38 0.43 0.00 | 25.52 0.31 0.00 | 24.21 0.17 0.00 | 23.43 0.17 0.00 | 23.10 0.35 0.00 | 26.18 0.45 0.00 | 25.49 0.21 0.00 | 24.57 -0.04 0.00 | 24.17 -0.10 0.00 | 25.09 -0.02 0.00 | 33.99 0.18 0.00 | 39.56 0.65 0.00 | 41.82 0.70 0.00 | 43.94 0.76 0.00 | 40.91 0.40 0.00 | 34.07 0.61 0.00 | 30.39 0.61 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 29.92 -0.28 -1.98 | 26.52 -0.23 -1.40 | 25.18 -0.23 -0.35 | 24.60 -0.21 -0.07 | 25.10 -0.21 -0.65 | 28.92 -0.21 -4.08 | 37.42 -0.29 -9.99 | 35.19 -0.32 -0.55 | 24.90 -0.31 0.00 | 23.68 -0.36 0.00 | 22.92 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.44 -0.35 -0.06 | 24.94 -0.34 0.00 | 24.25 -0.35 0.00 | 23.93 -0.34 0.00 | 24.82 -0.29 0.00 | 33.52 -0.30 0.00 | 38.68 -0.23 0.00 | 41.00 -0.24 -0.12 | 43.47 -0.25 -0.54 | 40.19 -0.32 0.00 | 33.23 -0.23 0.00 | 29.52 -0.26 0.00 |
| SYRACUSE___POWER 24017 | 30.05 -0.29 -2.12 | 26.61 -0.24 -1.50 | 25.20 -0.24 -0.38 | 24.58 -0.23 -0.08 | 25.13 -0.23 -0.69 | 29.18 -0.23 -4.37 | 38.10 -0.33 -10.70 | 35.19 -0.36 -0.59 | 24.87 -0.33 0.00 | 23.67 -0.37 0.00 | 22.91 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.45 -0.35 -0.07 | 24.94 -0.34 0.00 | 24.22 -0.38 0.00 | 23.90 -0.37 0.00 | 24.79 -0.33 0.00 | 33.49 -0.33 0.00 | 38.65 -0.26 0.00 | 40.93 -0.26 -0.08 | 43.24 -0.28 -0.35 | 40.15 -0.36 0.00 | 33.19 -0.27 0.00 | 29.51 -0.27 0.00 |
| TALLMAN__138KV_BK151 55660 | 29.13 0.90 0.00 | 26.03 0.67 0.00 | 25.66 0.60 0.00 | 25.29 0.56 0.00 | 25.26 0.59 0.00 | 25.83 0.78 0.00 | 28.73 1.01 0.00 | 36.34 1.38 0.00 | 26.29 1.09 0.00 | 25.16 1.12 0.00 | 23.33 1.18 1.12 | 21.69 1.17 2.22 | 27.11 1.36 -0.01 | 26.80 1.52 0.00 | 26.10 1.49 0.00 | 25.65 1.38 0.00 | 26.41 1.30 0.00 | 35.41 1.59 0.00 | 40.60 1.69 0.00 | 42.79 1.68 0.00 | 45.23 2.06 0.00 | 42.52 2.02 0.00 | 35.28 1.59 -0.23 | 31.17 1.28 -0.11 |
| TEALLAVE_115KV_TB7 355573 | 30.15 -0.44 -2.37 | 26.66 -0.37 -1.68 | 25.12 -0.37 -0.42 | 24.46 -0.35 -0.09 | 25.08 -0.36 -0.78 | 29.56 -0.37 -4.89 | 39.19 -0.49 -11.96 | 35.03 -0.58 -0.66 | 24.74 -0.47 0.00 | 23.55 -0.48 0.00 | 22.82 -0.45 0.00 | 22.44 -0.39 -0.08 | 25.35 -0.46 -0.08 | 24.83 -0.44 0.00 | 24.11 -0.49 0.00 | 23.79 -0.48 0.00 | 24.67 -0.44 0.00 | 33.30 -0.51 0.00 | 38.40 -0.51 0.00 | 40.63 -0.55 -0.06 | 42.88 -0.57 -0.27 | 39.90 -0.61 0.00 | 32.99 -0.47 0.00 | 29.34 -0.44 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 28.05 -0.17 0.00 | 25.47 0.12 0.00 | 25.29 0.23 0.00 | 24.90 0.17 0.00 | 24.79 0.13 0.00 | 25.06 0.01 0.00 | 27.39 -0.33 0.00 | 34.63 -0.32 0.00 | 25.11 -0.10 0.00 | 23.96 -0.08 0.00 | 23.23 -0.03 0.00 | 22.93 0.19 0.00 | 25.98 0.25 0.00 | 25.24 -0.04 0.00 | 24.22 -0.38 0.00 | 23.83 -0.44 0.00 | 24.73 -0.38 0.00 | 33.40 -0.41 0.00 | 38.70 -0.21 0.00 | 40.76 -0.36 0.00 | 42.84 -0.33 0.00 | 39.92 -0.58 0.00 | 33.37 -0.09 0.00 | 29.83 0.05 0.00 |
| TEMPLE___115KV_TB 2 55572 | 30.11 -0.43 -2.31 | 26.64 -0.36 -1.64 | 25.11 -0.36 -0.41 | 24.47 -0.35 -0.09 | 25.08 -0.35 -0.76 | 29.46 -0.36 -4.78 | 38.93 -0.49 -11.70 | 35.02 -0.58 -0.64 | 24.74 -0.47 0.00 | 23.57 -0.47 0.00 | 22.83 -0.44 0.00 | 22.44 -0.38 -0.08 | 25.37 -0.44 -0.08 | 24.85 -0.43 0.00 | 24.13 -0.48 0.00 | 23.81 -0.47 0.00 | 24.68 -0.43 0.00 | 33.33 -0.49 0.00 | 38.43 -0.48 0.00 | 40.66 -0.51 -0.06 | 42.90 -0.55 -0.27 | 39.90 -0.60 0.00 | 32.99 -0.46 0.00 | 29.35 -0.43 0.00 |
| TIANA____69_KV_BK 1 55817 | 29.79 1.57 0.00 | 26.62 1.26 0.00 | 26.41 1.35 0.00 | 27.68 1.46 -1.50 | 27.55 1.48 -1.41 | 26.70 1.61 -0.04 | 29.82 1.98 -0.11 | 37.34 2.38 0.00 | 36.01 1.76 -9.05 | 57.69 1.95 -31.70 | 26.27 2.11 -0.89 | 26.27 1.74 -1.78 | 39.25 1.98 -11.54 | 62.10 1.78 -35.03 | 42.51 2.09 -15.81 | 38.28 1.81 -12.20 | 42.24 1.70 -15.43 | 48.73 2.18 -12.73 | 41.49 2.58 0.00 | 43.98 2.45 -0.41 | 48.92 3.24 -2.50 | 44.77 3.28 -0.98 | 38.06 2.95 -1.65 | 31.88 1.98 -0.12 |

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|-----------------------------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 30.05 -0.29 -2.12 | 26.61 -0.24 -1.50 | 25.20 -0.24 -0.38 | 24.58 -0.23 -0.08 | 25.13 -0.23 -0.69 | 29.18 -0.23 -4.37 | 38.10 -0.33 -10.70 | 35.19 -0.36 -0.59 | 24.87 -0.33 0.00 | 23.67 -0.37 0.00 | 22.91 -0.35 0.00 | 22.52 -0.30 -0.07 | 25.45 -0.35 -0.07 | 24.94 -0.34 0.00 | 24.22 -0.38 0.00 | 23.90 -0.37 0.00 | 24.79 -0.33 0.00 | 33.49 -0.33 0.00 | 38.65 -0.26 0.00 | 40.93 -0.26 -0.08 | 43.24 -0.28 -0.35 | 40.15 -0.36 0.00 | 33.19 -0.27 0.00 | 29.51 -0.27 0.00 |
| TRIGEN___CC 323695 | 29.31 1.09 0.00 | 26.17 0.81 0.00 | 25.82 0.76 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.01 0.96 0.00 | 28.94 1.22 0.00 | 36.46 1.51 0.00 | 26.37 1.16 0.00 | 25.33 1.29 0.00 | 25.63 1.47 -0.89 | 25.92 1.39 -1.79 | 47.72 1.58 -20.40 | 89.05 1.84 -61.93 | 54.26 1.70 -27.96 | 47.42 1.59 -21.56 | 53.80 1.44 -27.25 | 58.05 1.74 -22.49 | 40.89 1.97 -0.01 | 43.75 1.92 -0.72 | 49.93 2.34 -4.42 | 44.69 2.46 -1.73 | 38.26 2.07 -2.73 | 31.44 1.54 -0.12 |
| TRINITY___115KV___4 BK 55933 | 28.53 0.31 0.00 | 25.59 0.23 0.00 | 25.25 0.19 0.00 | 24.94 0.21 0.00 | 24.87 0.20 0.00 | 25.28 0.23 0.00 | 28.02 0.30 0.00 | 35.21 0.26 0.00 | 25.43 0.21 0.00 | 24.26 0.22 0.00 | 23.57 0.20 -0.11 | 23.17 0.20 -0.22 | 25.90 0.17 0.01 | 25.46 0.18 0.00 | 24.87 0.27 0.00 | 24.54 0.27 0.00 | 25.31 0.20 0.00 | 34.10 0.28 0.00 | 39.20 0.29 0.00 | 41.34 0.22 0.00 | 43.64 0.47 0.00 | 41.06 0.55 0.00 | 33.67 0.39 0.19 | 30.03 0.34 0.09 |
| UNION___PROCESSING_DRP 323587 | 28.08 -0.14 0.00 | 25.35 0.00 0.00 | 25.10 0.05 0.00 | 24.74 0.01 0.00 | 24.67 0.00 0.00 | 25.01 -0.03 0.00 | 27.52 -0.20 0.00 | 34.80 -0.16 0.00 | 25.11 -0.10 0.00 | 23.91 -0.13 0.00 | 23.21 -0.06 0.00 | 22.81 0.07 0.00 | 25.87 0.14 0.00 | 25.31 0.04 0.00 | 24.45 -0.15 0.00 | 24.11 -0.17 0.00 | 25.01 -0.10 0.00 | 33.86 0.04 0.00 | 39.17 0.27 0.00 | 41.29 0.18 0.00 | 43.33 0.15 0.00 | 40.39 -0.11 0.00 | 33.52 0.06 0.00 | 29.82 0.04 0.00 |
| UPPER HUDSON___HYD 24058 | 30.45 2.23 0.00 | 27.20 1.85 0.00 | 26.80 1.73 0.00 | 26.54 1.81 0.00 | 26.47 1.80 0.00 | 27.01 1.96 0.00 | 30.01 2.29 0.00 | 37.79 2.83 0.00 | 26.94 1.73 0.00 | 25.49 1.45 0.00 | 24.48 1.21 0.00 | 23.87 1.13 0.00 | 26.90 1.19 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.04 1.92 0.00 | 36.66 2.84 0.00 | 42.21 3.30 0.00 | 44.60 3.49 0.00 | 47.19 4.01 0.00 | 44.29 3.78 0.00 | 36.14 2.93 0.25 | 32.29 2.62 0.12 |
| UPPER RAQUET___HYD 24056 | 100.32 0.78 -71.32 | 76.65 0.76 -50.54 | 38.45 0.72 -12.67 | 28.09 0.68 -2.68 | 48.73 0.71 -23.35 | 172.97 0.71 -147.21 | 388.66 0.81 -360.13 | 55.71 0.96 -19.79 | 25.70 0.50 0.00 | 24.44 0.40 0.00 | 23.59 0.32 0.00 | 25.60 0.32 -2.53 | 28.43 0.35 -2.34 | 25.47 0.19 0.00 | 24.69 0.09 0.00 | 24.39 0.12 0.00 | 25.10 -0.01 0.00 | 33.72 -0.10 0.00 | 39.16 0.25 0.00 | 41.58 0.47 0.00 | 43.65 0.48 0.00 | 41.15 0.64 0.00 | 33.82 0.36 0.00 | 30.37 0.58 0.00 |
| VALLEY44_115KV_TB2 355964 | 27.90 -0.32 0.00 | 25.19 -0.16 0.00 | 24.96 -0.09 0.00 | 24.63 -0.09 0.00 | 24.56 -0.10 0.00 | 25.03 -0.02 0.00 | 27.68 -0.04 0.00 | 35.10 0.14 0.00 | 25.39 0.17 0.00 | 24.25 0.21 0.00 | 23.56 0.29 0.00 | 23.25 0.51 0.00 | 26.25 0.52 0.00 | 25.60 0.32 0.00 | 24.53 -0.07 0.00 | 23.99 -0.28 0.00 | 24.75 -0.37 0.00 | 33.50 -0.32 0.00 | 38.73 -0.18 0.00 | 40.81 -0.30 0.00 | 42.84 -0.33 0.00 | 39.84 -0.67 0.00 | 33.27 -0.19 0.00 | 29.64 -0.15 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 30.52 0.63 -1.66 | 27.03 0.50 -1.18 | 25.83 0.47 -0.30 | 25.31 0.52 -0.06 | 25.70 0.49 -0.54 | 29.05 0.58 -3.43 | 36.92 0.80 -8.40 | 36.27 0.85 -0.46 | 25.49 0.29 0.00 | 24.13 0.09 0.00 | 23.27 0.00 0.00 | 22.81 0.01 -0.06 | 25.76 -0.03 -0.06 | 25.27 -0.01 0.00 | 24.69 0.08 0.00 | 24.39 0.11 0.00 | 25.41 0.30 0.00 | 34.45 0.63 0.00 | 39.74 0.83 0.00 | 42.00 0.88 0.00 | 44.22 1.05 0.00 | 41.63 1.13 0.00 | 34.37 0.90 0.00 | 30.48 0.69 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 29.02 0.80 0.00 | 26.06 0.71 0.00 | 25.86 0.80 0.00 | 25.48 0.75 0.00 | 25.42 0.75 0.00 | 25.81 0.76 0.00 | 28.62 0.90 0.00 | 36.12 1.16 0.00 | 25.98 0.78 0.00 | 24.85 0.81 0.00 | 24.07 0.80 0.00 | 23.55 0.81 0.00 | 26.62 0.88 0.00 | 26.17 0.90 0.00 | 25.43 0.83 0.00 | 25.07 0.80 0.00 | 25.91 0.80 0.00 | 35.02 1.20 0.00 | 40.31 1.40 0.00 | 42.59 1.45 -0.02 | 44.81 1.53 -0.10 | 41.90 1.39 0.00 | 34.59 1.13 0.00 | 30.69 0.91 0.00 |
| VISCHER___FERRY HYD 24020 | 29.18 0.96 0.00 | 26.13 0.78 0.00 | 25.77 0.71 0.00 | 25.48 0.75 0.00 | 25.41 0.74 0.00 | 25.86 0.82 0.00 | 28.70 0.98 0.00 | 36.13 1.17 0.00 | 25.96 0.76 0.00 | 24.72 0.68 0.00 | 23.95 0.58 -0.11 | 23.53 0.56 -0.23 | 26.28 0.57 0.02 | 25.85 0.57 0.00 | 25.26 0.66 0.00 | 24.94 0.67 0.00 | 25.84 0.72 0.00 | 34.84 1.02 0.00 | 40.04 1.14 0.00 | 42.24 1.13 0.00 | 44.64 1.46 0.00 | 42.01 1.50 0.00 | 34.30 1.15 0.31 | 30.64 1.01 0.15 |
| V_A_10_SYNC_DSASP 323832 | 27.77 -0.45 0.00 | 25.19 -0.16 0.00 | 25.01 -0.05 0.00 | 24.64 -0.08 0.00 | 24.55 -0.12 0.00 | 24.81 -0.23 0.00 | 27.14 -0.58 0.00 | 34.30 -0.65 0.00 | 24.89 -0.32 0.00 | 23.81 -0.23 0.00 | 23.15 -0.12 0.00 | 22.83 0.09 0.00 | 25.86 0.13 0.00 | 25.14 -0.14 0.00 | 24.12 -0.48 0.00 | 23.73 -0.54 0.00 | 24.59 -0.52 0.00 | 33.23 -0.59 0.00 | 38.39 -0.52 0.00 | 40.37 -0.74 0.00 | 42.40 -0.77 0.00 | 39.52 -0.99 0.00 | 33.04 -0.42 0.00 | 29.54 -0.24 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 17.77 0.16 10.61 | 18.04 0.20 7.52 | 23.37 0.20 1.88 | 24.51 0.18 0.40 | 21.38 0.19 3.47 | 3.31 0.16 21.90 | -25.66 0.19 53.57 | 32.23 0.22 2.94 | 25.37 0.16 0.00 | 24.22 0.18 0.00 | 23.38 0.11 0.00 | 22.35 -0.01 0.38 | 25.55 0.17 0.35 | 25.38 0.10 0.00 | 24.65 0.05 0.00 | 24.34 0.07 0.00 | 25.20 0.09 0.00 | 33.90 0.08 0.00 | 39.08 0.17 0.00 | 41.36 0.25 0.00 | 43.22 0.05 0.00 | 40.44 -0.06 0.00 | 33.44 -0.03 0.00 | 29.83 0.05 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 34.88 1.02 -5.65 | 30.17 0.82 -4.00 | 26.81 0.74 -1.00 | 25.67 0.73 -0.21 | 27.17 0.65 -1.85 | 37.44 0.75 -11.65 | 57.14 0.92 -28.50 | 37.58 1.06 -1.57 | 25.83 0.63 0.00 | 24.66 0.62 0.00 | 23.88 0.61 0.00 | 23.64 0.69 -0.20 | 26.65 0.74 -0.19 | 25.93 0.65 0.00 | 25.26 0.66 0.00 | 24.96 0.68 0.00 | 25.89 0.77 0.00 | 34.31 0.49 0.00 | 39.52 0.61 0.00 | 41.93 0.82 0.00 | 44.20 1.03 0.00 | 41.44 0.93 0.00 | 34.56 1.10 0.00 | 30.69 0.90 0.00 |
| V_D_10_SYNC_DSASP 323841 | 132.45 0.40 -103.83 | 99.35 0.42 -73.57 | 43.91 0.41 -18.44 | 29.01 0.38 -3.90 | 59.06 0.39 -34.00 | 239.73 0.37 -214.31 | 552.43 0.42 -524.28 | 64.27 0.51 -28.81 | 25.50 0.30 0.00 | 24.33 0.29 0.00 | 23.52 0.25 0.00 | 26.67 0.24 -3.68 | 29.46 0.32 -3.41 | 25.48 0.20 0.00 | 24.75 0.14 0.00 | 24.44 0.17 0.00 | 25.27 0.16 0.00 | 34.01 0.19 0.00 | 39.27 0.36 0.00 | 41.59 0.48 0.00 | 43.50 0.32 0.00 | 40.75 0.24 0.00 | 33.32 -0.14 0.00 | 30.00 0.22 0.00 |
| V_E_10_SYNC_DSASP 323830 | 29.84 1.62 0.00 | 26.77 1.41 0.00 | 26.44 1.38 0.00 | 26.13 1.40 0.00 | 26.08 1.42 0.00 | 26.59 1.54 0.00 | 29.70 1.98 0.00 | 37.37 2.41 0.00 | 26.48 1.27 0.00 | 25.01 0.97 0.00 | 24.04 0.78 0.00 | 23.51 0.76 0.00 | 26.62 0.90 0.00 | 26.10 0.82 0.00 | 25.44 0.83 0.00 | 25.08 0.80 0.00 | 26.15 1.04 0.00 | 35.62 1.80 0.00 | 41.59 2.68 0.00 | 44.32 3.16 -0.05 | 46.29 2.89 -0.22 | 42.96 2.45 0.00 | 35.41 1.94 0.00 | 31.26 1.48 0.00 |

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|--------------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| V_F_30_NSYNC___DSASP 323816 | 29.87 1.65 0.00 | 26.72 1.36 0.00 | 26.33 1.28 0.00 | 26.05 1.32 0.00 | 25.99 1.32 0.00 | 26.49 1.44 0.00 | 29.42 1.70 0.00 | 37.03 2.08 0.00 | 26.48 1.27 0.00 | 25.11 1.08 0.00 | 24.18 0.92 0.00 | 23.61 0.87 0.00 | 26.64 0.92 0.02 | 26.22 0.94 0.00 | 25.63 1.03 0.00 | 25.37 1.10 0.00 | 26.48 1.37 0.00 | 35.85 2.03 0.00 | 41.25 2.34 0.00 | 43.54 2.43 0.00 | 45.97 2.80 0.00 | 43.18 2.67 0.00 | 35.29 2.08 0.25 | 31.49 1.82 0.12 |
| V_F_30_SYNC_DSASP 323786 | 28.63 0.41 0.00 | 25.67 0.31 0.00 | 25.34 0.28 0.00 | 25.02 0.29 0.00 | 24.97 0.30 0.00 | 25.37 0.33 0.00 | 28.13 0.41 0.00 | 35.36 0.40 0.00 | 25.52 0.31 0.00 | 24.36 0.32 0.00 | 23.55 0.28 0.00 | 23.02 0.28 0.00 | 26.00 0.28 0.01 | 25.57 0.29 0.00 | 24.97 0.37 0.00 | 24.67 0.39 0.00 | 25.45 0.34 0.00 | 34.30 0.48 0.00 | 39.42 0.51 0.00 | 41.58 0.47 0.00 | 43.87 0.69 0.00 | 41.26 0.75 0.00 | 33.80 0.53 0.19 | 30.15 0.46 0.09 |
| V_XM_10_SYNC_DSASP 323789 | 34.88 1.02 -5.65 | 30.17 0.82 -4.00 | 26.81 0.74 -1.00 | 25.67 0.73 -0.21 | 27.17 0.65 -1.85 | 37.44 0.75 -11.65 | 57.14 0.92 -28.50 | 37.58 1.06 -1.57 | 25.83 0.63 0.00 | 24.66 0.62 0.00 | 23.88 0.61 0.00 | 23.64 0.69 -0.20 | 26.65 0.74 -0.19 | 25.93 0.65 0.00 | 25.26 0.66 0.00 | 24.96 0.68 0.00 | 25.89 0.77 0.00 | 34.31 0.49 0.00 | 39.52 0.61 0.00 | 41.93 0.82 0.00 | 44.20 1.03 0.00 | 41.44 0.93 0.00 | 34.56 1.10 0.00 | 30.69 0.90 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 29.79 1.57 0.00 | 26.56 1.21 0.00 | 26.24 1.18 0.00 | 26.07 1.15 -0.19 | 26.02 1.17 -0.18 | 26.43 1.38 -0.01 | 29.46 1.72 -0.02 | 36.98 2.02 0.00 | 27.80 1.49 -1.10 | 29.51 1.63 -3.84 | 26.00 1.84 -0.89 | 26.20 1.67 -1.78 | 40.41 1.94 -12.74 | 66.04 2.11 -38.66 | 44.13 2.08 -17.45 | 39.70 1.96 -13.46 | 43.96 1.85 -17.00 | 50.16 2.32 -14.02 | 41.64 2.73 0.00 | 44.24 2.68 -0.45 | 49.14 3.21 -2.75 | 44.88 3.30 -1.08 | 38.08 2.82 -1.80 | 31.97 2.07 -0.12 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 29.27 1.05 0.00 | 26.16 0.81 0.00 | 25.78 0.72 0.00 | 25.41 0.68 0.00 | 25.37 0.71 0.00 | 25.94 0.90 0.00 | 28.87 1.15 0.00 | 36.53 1.58 0.00 | 26.43 1.22 0.00 | 25.30 1.26 0.00 | 23.36 1.32 1.22 | 21.62 1.31 2.43 | 27.25 1.50 -0.01 | 26.94 1.66 0.00 | 26.23 1.63 0.00 | 25.80 1.52 0.00 | 26.56 1.45 0.00 | 35.64 1.83 0.00 | 40.86 1.95 0.00 | 43.05 1.94 0.00 | 45.49 2.32 0.00 | 42.77 2.26 0.00 | 35.48 1.79 -0.23 | 31.33 1.44 -0.11 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 29.29 1.07 0.00 | 26.17 0.82 0.00 | 25.84 0.79 0.00 | 25.47 0.74 0.00 | 25.43 0.76 0.00 | 26.01 0.97 0.00 | 28.95 1.23 0.00 | 36.61 1.66 0.00 | 26.53 1.32 0.00 | 25.45 1.41 0.00 | 25.65 1.48 -0.90 | 26.01 1.47 -1.79 | 27.39 1.64 -0.01 | 27.03 1.75 0.00 | 26.35 1.74 0.00 | 25.93 1.66 0.00 | 26.63 1.52 0.00 | 35.70 1.88 0.00 | 40.78 1.87 0.00 | 42.95 1.84 0.00 | 45.50 2.32 0.00 | 42.84 2.34 0.00 | 35.60 1.89 -0.25 | 31.41 1.51 -0.12 |
| W50THST__13_KV_LOAD 356117 | 29.43 1.20 0.00 | 26.29 0.94 0.00 | 25.96 0.91 0.00 | 25.59 0.86 0.00 | 25.55 0.88 0.00 | 26.13 1.09 0.00 | 29.11 1.39 0.00 | 36.84 1.89 0.00 | 26.72 1.51 0.00 | 25.65 1.61 -0.90 | 25.85 1.68 -1.79 | 26.21 1.68 -1.79 | 27.62 1.87 -0.01 | 27.26 1.98 0.00 | 26.58 1.97 0.00 | 26.16 1.89 0.00 | 26.86 1.75 0.00 | 35.98 2.16 0.00 | 41.06 2.16 0.00 | 43.20 2.09 0.00 | 45.74 2.56 0.00 | 43.07 2.56 0.00 | 35.78 2.07 -0.25 | 31.55 1.65 -0.12 |
| WADING RIVER_IC_1 23522 | 29.51 1.29 0.00 | 26.37 1.01 0.00 | 26.19 1.13 0.00 | 27.48 1.26 -1.49 | 27.35 1.28 -1.40 | 26.46 1.37 -0.04 | 29.54 1.71 -0.11 | 36.99 2.03 0.00 | 35.73 1.50 -9.02 | 57.37 1.73 -31.60 | 26.04 1.88 -0.89 | 26.04 1.51 -1.78 | 38.99 1.72 -11.54 | 61.73 1.43 -35.02 | 42.19 1.78 -15.81 | 37.89 1.43 -12.19 | 41.81 1.28 -15.42 | 48.14 1.59 -12.73 | 40.82 1.90 0.00 | 43.29 1.77 -0.41 | 48.29 2.62 -2.50 | 44.20 2.71 -0.98 | 37.67 2.56 -1.65 | 31.50 1.61 -0.12 |
| WADING RIVER_IC_2 23547 | 29.51 1.29 0.00 | 26.37 1.01 0.00 | 26.19 1.13 0.00 | 27.48 1.26 -1.49 | 27.35 1.28 -1.40 | 26.46 1.37 -0.04 | 29.54 1.71 -0.11 | 36.99 2.03 0.00 | 35.73 1.50 -9.02 | 57.37 1.73 -31.60 | 26.04 1.88 -0.89 | 26.04 1.51 -1.78 | 38.99 1.72 -11.54 | 61.73 1.43 -35.02 | 42.19 1.78 -15.81 | 37.89 1.43 -12.19 | 41.81 1.28 -15.42 | 48.14 1.59 -12.73 | 40.82 1.90 0.00 | 43.29 1.77 -0.41 | 48.29 2.62 -2.50 | 44.20 2.71 -0.98 | 37.67 2.56 -1.65 | 31.50 1.61 -0.12 |
| WADING RIVER_IC_3 23601 | 29.51 1.29 0.00 | 26.37 1.01 0.00 | 26.19 1.13 0.00 | 27.48 1.26 -1.49 | 27.35 1.28 -1.40 | 26.46 1.37 -0.04 | 29.54 1.71 -0.11 | 36.99 2.03 0.00 | 35.73 1.50 -9.02 | 57.37 1.73 -31.60 | 26.04 1.88 -0.89 | 26.04 1.51 -1.78 | 38.99 1.72 -11.54 | 61.73 1.43 -35.02 | 42.19 1.78 -15.81 | 37.89 1.43 -12.19 | 41.81 1.28 -15.42 | 48.14 1.59 -12.73 | 40.82 1.90 0.00 | 43.29 1.77 -0.41 | 48.29 2.62 -2.50 | 44.20 2.71 -0.98 | 37.67 2.56 -1.65 | 31.50 1.61 -0.12 |
| WALDENNY_12_KV_BK2 80841 | 28.08 -0.14 0.00 | 25.48 0.13 0.00 | 25.29 0.23 0.00 | 24.92 0.19 0.00 | 24.81 0.14 0.00 | 25.06 0.02 0.00 | 27.43 -0.29 0.00 | 34.68 -0.28 0.00 | 25.19 -0.02 0.00 | 24.12 0.08 0.00 | 23.45 0.19 0.00 | 23.17 0.43 0.00 | 26.27 0.54 0.00 | 25.51 0.23 0.00 | 24.46 -0.14 0.00 | 24.04 -0.23 0.00 | 24.92 -0.19 0.00 | 33.68 -0.14 0.00 | 38.91 0.00 0.00 | 40.94 -0.17 0.00 | 42.96 -0.21 0.00 | 39.99 -0.52 0.00 | 33.43 -0.03 0.00 | 29.89 0.11 0.00 |
| WALDEN___HYDRO 24148 | 29.12 0.90 0.00 | 26.03 0.68 0.00 | 25.67 0.61 0.00 | 25.29 0.57 0.00 | 25.26 0.59 0.00 | 25.80 0.75 0.00 | 28.68 0.96 0.00 | 36.23 1.27 0.00 | 26.19 0.98 0.00 | 25.03 0.99 0.00 | 23.96 1.03 0.33 | 23.10 1.01 0.66 | 26.89 1.15 -0.01 | 26.56 1.29 0.00 | 25.90 1.30 0.00 | 25.50 1.23 0.00 | 26.27 1.16 0.00 | 35.27 1.45 0.00 | 40.49 1.58 0.00 | 42.71 1.60 0.00 | 45.12 1.94 0.00 | 42.42 1.91 0.00 | 35.16 1.50 -0.20 | 31.09 1.21 -0.09 |
| WARRENSBURG____ 23737 | 30.45 2.23 0.00 | 27.20 1.85 0.00 | 26.80 1.74 0.00 | 26.54 1.81 0.00 | 26.47 1.80 0.00 | 27.01 1.96 0.00 | 30.01 2.29 0.00 | 37.79 2.83 0.00 | 26.94 1.73 0.00 | 25.49 1.45 0.00 | 24.48 1.22 0.00 | 23.87 1.13 0.00 | 26.90 1.18 0.02 | 26.50 1.22 0.00 | 25.95 1.35 0.00 | 25.72 1.45 0.00 | 27.04 1.92 0.00 | 36.66 2.84 0.00 | 42.21 3.30 0.00 | 44.60 3.49 0.00 | 47.19 4.01 0.00 | 44.29 3.78 0.00 | 36.14 2.93 0.25 | 32.29 2.62 0.12 |
| WATERSIDE___6 8 9 23538 | 29.34 1.12 0.00 | 26.28 0.92 0.00 | 25.92 0.86 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.05 1.01 0.00 | 28.99 1.26 0.00 | 36.69 1.74 0.00 | 26.61 1.40 0.00 | 25.52 1.48 0.00 | 25.69 1.53 -0.90 | 26.05 1.52 -1.79 | 27.43 1.68 -0.01 | 27.07 1.78 0.00 | 26.35 1.75 0.00 | 25.94 1.67 0.00 | 26.64 1.52 0.00 | 35.65 1.83 0.00 | 40.74 1.82 0.00 | 42.93 1.82 0.00 | 45.58 2.40 0.00 | 42.95 2.45 0.00 | 35.66 1.96 -0.25 | 31.43 1.54 -0.12 |
| WATKINRD_115KV_LN8_ILLION 55919 | 30.34 0.46 -1.66 | 26.89 0.35 -1.18 | 25.68 0.33 -0.30 | 25.15 0.36 -0.06 | 25.56 0.34 -0.54 | 28.88 0.40 -3.43 | 36.68 0.56 -8.40 | 36.03 0.61 -0.46 | 25.41 0.20 0.00 | 24.10 0.06 0.00 | 23.26 0.00 0.00 | 22.81 0.01 -0.06 | 25.76 -0.03 -0.06 | 25.26 -0.02 0.00 | 24.66 0.06 0.00 | 24.35 0.08 0.00 | 25.31 0.20 0.00 | 34.27 0.45 0.00 | 39.49 0.58 0.00 | 41.74 0.62 0.00 | 43.94 0.76 0.00 | 41.35 0.84 0.00 | 34.11 0.65 0.00 | 30.28 0.50 0.00 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 28.50 0.27 0.00 | 25.47 0.11 0.00 | 25.12 0.06 0.00 | 24.76 0.03 0.00 | 24.72 0.05 0.00 | 25.23 0.19 0.00 | 28.09 0.37 0.00 | 35.47 0.51 0.00 | 25.67 0.46 0.00 | 24.48 0.44 0.00 | 23.70 0.44 0.00 | 23.16 0.41 0.00 | 26.17 0.43 -0.01 | 25.75 0.47 0.00 | 24.55 -0.05 0.00 | 24.20 -0.07 0.00 | 24.99 -0.12 0.00 | 33.65 -0.17 0.00 | 38.73 -0.18 0.00 | 40.89 -0.22 0.00 | 43.34 0.17 0.00 | 41.71 1.20 0.00 | 34.48 0.88 -0.14 | 30.50 0.65 -0.07 |
| WEST BABYLON___IC 23714 | 29.79 1.57 0.00 | 26.56 1.21 0.00 | 26.24 1.18 0.00 | 26.07 1.15 -0.19 | 26.02 1.17 -0.18 | 26.43 1.38 -0.01 | 29.46 1.72 -0.02 | 36.98 2.02 0.00 | 27.80 1.49 -1.10 | 29.51 1.63 -3.84 | 26.00 1.84 -0.89 | 26.20 1.67 -1.78 | 40.41 1.94 -12.74 | 66.04 2.11 -38.66 | 44.13 2.08 -17.45 | 39.70 1.96 -13.46 | 43.96 1.85 -17.00 | 50.16 2.32 -14.02 | 41.64 2.73 0.00 | 44.24 2.68 -0.45 | 49.14 3.21 -2.75 | 44.88 3.30 -1.08 | 38.08 2.82 -1.80 | 31.97 2.07 -0.12 |
| WEST CANADA___HYD 24049 | 30.03 0.15 -1.66 | 26.66 0.13 -1.18 | 25.46 0.11 -0.30 | 24.91 0.12 -0.06 | 25.33 0.12 -0.54 | 28.60 0.13 -3.43 | 36.28 0.17 -8.40 | 35.60 0.18 -0.46 | 25.31 0.10 0.00 | 24.12 0.08 0.00 | 23.34 0.08 0.00 | 22.88 0.07 -0.06 | 25.86 0.08 -0.06 | 25.36 0.09 0.00 | 24.71 0.11 0.00 | 24.38 0.11 0.00 | 25.24 0.12 0.00 | 34.00 0.18 0.00 | 39.11 0.20 0.00 | 41.32 0.21 0.00 | 43.45 0.28 0.00 | 40.81 0.30 0.00 | 33.69 0.22 0.00 | 29.96 0.18 0.00 |
| WESTERN_NY_WIND 24143 | 28.49 0.27 0.00 | 25.83 0.48 0.00 | 25.64 0.58 0.00 | 25.24 0.51 0.00 | 25.14 0.47 0.00 | 25.44 0.40 0.00 | 27.92 0.20 0.00 | 35.34 0.38 0.00 | 25.50 0.29 0.00 | 24.20 0.16 0.00 | 23.42 0.15 0.00 | 23.08 0.33 0.00 | 26.16 0.43 0.00 | 25.48 0.20 0.00 | 24.54 -0.06 0.00 | 24.15 -0.12 0.00 | 25.07 -0.05 0.00 | 33.96 0.14 0.00 | 39.51 0.60 0.00 | 41.76 0.65 0.00 | 43.88 0.70 0.00 | 40.84 0.33 0.00 | 34.03 0.57 0.00 | 30.35 0.57 0.00 |
| WESTOVER___LESR 323668 | 28.22 0.00 0.00 | 25.35 -0.01 0.00 | 25.05 -0.01 0.00 | 24.79 0.06 0.00 | 24.68 0.01 0.00 | 25.09 0.05 0.00 | 27.99 0.27 0.00 | 35.33 0.37 0.00 | 25.42 0.21 0.00 | 24.20 0.17 0.00 | 23.42 0.15 0.00 | 22.98 0.23 0.00 | 25.89 0.16 0.00 | 25.43 0.15 0.00 | 24.66 0.05 0.00 | 24.23 -0.05 0.00 | 25.10 -0.01 0.00 | 33.93 0.11 0.00 | 39.10 0.19 0.00 | 41.42 0.25 -0.05 | 43.61 0.23 -0.21 | 40.58 0.07 0.00 | 33.60 0.14 0.00 | 29.85 0.06 0.00 |
| WETHRSFD_WT_PWR 323626 | 28.01 -0.21 0.00 | 25.36 0.01 0.00 | 25.14 0.08 0.00 | 24.81 0.08 0.00 | 24.69 0.03 0.00 | 25.01 -0.04 0.00 | 27.48 -0.24 0.00 | 34.68 -0.27 0.00 | 24.93 -0.28 0.00 | 23.72 -0.32 0.00 | 23.01 -0.25 0.00 | 22.73 -0.02 0.00 | 25.74 0.01 0.00 | 25.13 -0.15 0.00 | 24.12 -0.49 0.00 | 23.67 -0.60 0.00 | 24.54 -0.57 0.00 | 33.30 -0.52 0.00 | 38.68 -0.23 0.00 | 40.92 -0.20 0.00 | 42.91 -0.27 0.00 | 39.99 -0.52 0.00 | 33.38 -0.08 0.00 | 29.80 0.02 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 29.11 0.89 0.00 | 26.02 0.66 0.00 | 25.65 0.59 0.00 | 25.28 0.55 0.00 | 25.24 0.58 0.00 | 25.81 0.76 0.00 | 28.70 0.98 0.00 | 36.31 1.35 0.00 | 26.27 1.06 0.00 | 25.15 1.11 0.00 | 23.19 1.16 1.24 | 21.44 1.15 2.46 | 27.07 1.32 -0.01 | 26.75 1.48 0.00 | 26.05 1.44 0.00 | 25.61 1.34 0.00 | 26.36 1.25 0.00 | 35.35 1.53 0.00 | 40.52 1.61 0.00 | 42.71 1.59 0.00 | 45.16 1.98 0.00 | 42.48 1.97 0.00 | 35.26 1.56 -0.23 | 31.14 1.25 -0.11 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 29.11 0.89 0.00 | 26.02 0.66 0.00 | 25.65 0.59 0.00 | 25.28 0.55 0.00 | 25.24 0.58 0.00 | 25.81 0.76 0.00 | 28.70 0.98 0.00 | 36.31 1.35 0.00 | 26.27 1.06 0.00 | 25.15 1.11 0.00 | 23.19 1.16 1.24 | 21.44 1.15 2.46 | 27.07 1.32 -0.01 | 26.75 1.48 0.00 | 26.05 1.44 0.00 | 25.61 1.34 0.00 | 26.36 1.25 0.00 | 35.35 1.53 0.00 | 40.52 1.61 0.00 | 42.71 1.59 0.00 | 45.16 1.98 0.00 | 42.48 1.97 0.00 | 35.26 1.56 -0.23 | 31.14 1.25 -0.11 |
| WHITEHAL_115KV_TB1 80871 | 30.91 2.68 0.00 | 27.51 2.16 0.00 | 27.03 1.97 0.00 | 26.90 2.17 0.00 | 26.77 2.11 0.00 | 27.35 2.30 0.00 | 30.51 2.78 0.00 | 38.37 3.41 0.00 | 27.27 2.06 0.00 | 25.82 1.78 0.00 | 24.68 1.41 0.00 | 24.06 1.32 0.00 | 27.05 1.33 0.02 | 26.66 1.38 0.00 | 26.18 1.58 0.00 | 25.92 1.65 0.00 | 27.51 2.39 0.00 | 37.14 3.32 0.00 | 42.73 3.82 0.00 | 45.32 4.21 0.00 | 48.47 5.29 0.00 | 45.65 5.15 0.00 | 37.25 4.05 0.25 | 33.28 3.62 0.12 |
| WHITEPLN_13_KV_LOAD 356215 | 29.45 1.22 0.00 | 26.31 0.96 0.00 | 25.95 0.89 0.00 | 25.57 0.84 0.00 | 25.53 0.86 0.00 | 26.10 1.05 0.00 | 29.05 1.33 0.00 | 36.76 1.81 0.00 | 26.62 1.41 0.00 | 25.50 1.46 0.00 | 25.76 1.53 -0.97 | 26.17 1.51 -1.92 | 27.46 1.71 -0.01 | 27.13 1.85 0.00 | 26.41 1.81 0.00 | 26.00 1.73 0.00 | 26.76 1.65 0.00 | 35.91 2.10 0.00 | 41.13 2.22 0.00 | 43.32 2.20 0.00 | 45.80 2.62 0.00 | 43.08 2.57 0.00 | 35.75 2.04 -0.25 | 31.55 1.65 -0.12 |
| WM_FLOYD_69_KV_BK2 356380 | 29.64 1.42 0.00 | 26.48 1.12 0.00 | 26.24 1.18 0.00 | 27.49 1.24 -1.52 | 27.36 1.26 -1.43 | 26.51 1.42 -0.04 | 29.61 1.77 -0.12 | 37.06 2.11 0.00 | 35.96 1.55 -9.20 | 57.99 1.71 -32.24 | 26.04 1.88 -0.89 | 26.09 1.57 -1.78 | 39.06 1.76 -11.56 | 62.03 1.65 -35.10 | 42.31 1.86 -15.84 | 38.11 1.62 -12.22 | 42.06 1.50 -15.45 | 48.46 1.89 -12.76 | 41.18 2.26 0.00 | 43.69 2.16 -0.41 | 48.60 2.92 -2.51 | 44.52 3.03 -0.98 | 37.82 2.71 -1.65 | 31.72 1.82 -0.12 |
| WOODARD__115KV_TB2 355635 | 30.00 -0.47 -2.25 | 26.55 -0.39 -1.59 | 25.07 -0.39 -0.40 | 24.43 -0.38 -0.08 | 25.02 -0.38 -0.74 | 29.29 -0.39 -4.64 | 38.56 -0.52 -11.36 | 34.96 -0.62 0.00 | 24.71 -0.50 0.00 | 23.53 -0.51 0.00 | 22.78 -0.48 0.00 | 22.39 -0.43 -0.08 | 25.31 -0.50 -0.07 | 24.78 -0.49 0.00 | 24.08 -0.52 0.00 | 23.76 -0.51 0.00 | 24.64 -0.47 0.00 | 33.26 -0.56 0.00 | 38.35 -0.56 0.00 | 40.61 -0.60 -0.09 | 42.93 -0.63 -0.38 | 39.85 -0.66 0.00 | 32.95 -0.51 0.00 | 29.30 -0.48 0.00 |
| WOODMERE_69_KV_BK1 55827 | 29.65 1.43 0.00 | 26.45 1.10 0.00 | 26.09 1.03 0.00 | 25.72 0.99 0.00 | 25.68 1.01 0.00 | 26.28 1.24 0.00 | 29.25 1.53 0.00 | 36.85 1.89 0.00 | 26.64 1.43 0.00 | 25.60 1.56 0.00 | 25.91 1.76 -0.89 | 26.21 1.68 -1.79 | 46.34 1.93 -18.68 | 84.21 2.20 -56.74 | 52.25 2.04 -25.60 | 45.98 1.96 -19.75 | 51.95 1.84 -24.99 | 56.76 2.31 -20.63 | 41.59 2.67 0.00 | 44.42 2.64 -0.66 | 50.27 3.05 -4.05 | 45.21 3.11 -1.58 | 38.55 2.57 -2.52 | 31.86 1.96 -0.12 |
| YORK___WARBASSE 23770 | 29.42 1.20 0.00 | 26.32 0.97 0.00 | 25.94 0.88 0.00 | 25.52 0.79 0.00 | 25.48 0.82 0.00 | 26.07 1.03 0.00 | 29.03 1.31 0.00 | 36.75 1.80 0.00 | 26.59 1.38 0.00 | 25.49 1.45 0.00 | 25.66 1.50 -0.90 | 26.02 1.49 -1.79 | 27.43 1.69 -0.01 | 27.07 1.79 0.00 | 26.33 1.73 0.00 | 25.92 1.65 0.00 | 26.62 1.51 0.00 | 35.69 1.88 0.00 | 40.82 1.91 0.00 | 43.07 1.95 0.00 | 45.70 2.52 0.00 | 43.03 2.52 0.00 | 35.74 2.03 -0.25 | 31.52 1.62 -0.12 |