

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/25/2026

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 31.90 | 28.75 | 27.70 | 27.11 | 27.08 | 27.96 | 29.75 | 31.04 | 33.25 | 34.30 | 35.15 | 35.30 | 34.19 | 33.22 | 32.21 | 33.24 | 33.75 | 43.27 | 50.01 | 59.78 | 60.43 | 48.59 | 39.07 | 33.95 |
| 24138 | 2.06 | 1.98 | 1.79 | 1.63 | 1.60 | 1.66 | 1.76 | 1.84 | 1.79 | 1.94 | 2.15 | 2.31 | 2.36 | 2.37 | 2.36 | 2.69 | 2.87 | 3.35 | 3.92 | 4.53 | 4.63 | 3.68 | 2.69 | 2.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_1 | 31.90 | 28.75 | 27.70 | 27.11 | 27.08 | 27.93 | 29.75 | 30.98 | 33.19 | 34.20 | 35.08 | 35.20 | 34.12 | 33.15 | 32.12 | 33.18 | 33.66 | 43.15 | 49.91 | 59.67 | 60.37 | 48.55 | 39.04 | 33.95 |
| 24260 | 2.06 | 1.98 | 1.79 | 1.63 | 1.60 | 1.63 | 1.76 | 1.78 | 1.73 | 1.84 | 2.08 | 2.21 | 2.29 | 2.31 | 2.27 | 2.63 | 2.78 | 3.23 | 3.83 | 4.42 | 4.58 | 3.64 | 2.66 | 2.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 74TH STREET_GT_2 | 31.90 | 28.75 | 27.70 | 27.11 | 27.08 | 27.93 | 29.75 | 30.98 | 33.19 | 34.20 | 35.08 | 35.20 | 34.12 | 33.15 | 32.12 | 33.18 | 33.66 | 43.15 | 49.91 | 59.67 | 60.37 | 48.55 | 39.04 | 33.95 |
| 24261 | 2.06 | 1.98 | 1.79 | 1.63 | 1.60 | 1.63 | 1.76 | 1.78 | 1.73 | 1.84 | 2.08 | 2.21 | 2.29 | 2.31 | 2.27 | 2.63 | 2.78 | 3.23 | 3.83 | 4.42 | 4.58 | 3.64 | 2.66 | 2.13 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK HUDSON___FALLS | 31.90 | 28.62 | 27.70 | 27.21 | 27.15 | 28.04 | 29.86 | 31.07 | 33.35 | 34.33 | 34.79 | 34.70 | 33.36 | 32.17 | 31.01 | 31.81 | 32.39 | 42.08 | 48.99 | 59.23 | 60.15 | 48.23 | 39.04 | 34.04 |
| 24011 | 2.06 | 1.85 | 1.79 | 1.73 | 1.68 | 1.74 | 1.88 | 1.87 | 1.89 | 1.97 | 1.78 | 1.72 | 1.53 | 1.33 | 1.16 | 1.25 | 1.51 | 2.16 | 2.90 | 3.98 | 4.35 | 3.32 | 2.66 | 2.23 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 32.08 | 28.78 | 27.88 | 27.36 | 27.31 | 28.27 | 30.03 | 31.24 | 33.50 | 34.52 | 34.95 | 34.87 | 33.48 | 32.26 | 31.10 | 31.90 | 32.48 | 42.27 | 49.31 | 59.68 | 60.59 | 48.59 | 39.25 | 34.26 |
| 23798 | 2.24 | 2.01 | 1.97 | 1.89 | 1.84 | 1.97 | 2.04 | 2.04 | 2.04 | 2.17 | 1.95 | 1.88 | 1.65 | 1.42 | 1.25 | 1.34 | 1.60 | 2.35 | 3.23 | 4.42 | 4.80 | 3.68 | 2.87 | 2.45 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 31.90 | 28.62 | 27.70 | 27.21 | 27.15 | 28.04 | 29.86 | 31.07 | 33.35 | 34.33</ | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 30.83 0.98 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.37 0.89 0.00 | 26.26 0.79 0.00 | 27.09 0.79 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.73 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.53 0.65 0.00 | 40.60 0.68 0.00 | 46.83 0.74 0.00 | 56.08 0.83 0.00 | 56.86 1.06 0.00 | 45.76 0.85 0.00 | 37.22 0.84 0.00 | 32.61 0.80 0.00 |
| ALBANY___3 23573 | 30.83 0.98 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.37 0.89 0.00 | 26.26 0.79 0.00 | 27.09 0.79 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.73 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.53 0.65 0.00 | 40.60 0.68 0.00 | 46.83 0.74 0.00 | 56.08 0.83 0.00 | 56.86 1.06 0.00 | 45.76 0.85 0.00 | 37.22 0.84 0.00 | 32.61 0.80 0.00 |
| ALBANY___4 23574 | 30.83 0.98 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.37 0.89 0.00 | 26.26 0.79 0.00 | 27.09 0.79 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.73 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.53 0.65 0.00 | 40.60 0.68 0.00 | 46.83 0.74 0.00 | 56.08 0.83 0.00 | 56.86 1.06 0.00 | 45.76 0.85 0.00 | 37.22 0.84 0.00 | 32.61 0.80 0.00 |
| ALBANY___LFGE 323615 | 31.07 1.22 0.00 | 27.85 1.07 0.00 | 26.97 1.06 0.00 | 26.52 1.04 0.00 | 26.44 0.97 0.00 | 27.30 1.00 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.31 0.85 0.00 | 33.29 0.94 0.00 | 34.03 1.02 0.00 | 34.01 1.02 0.00 | 32.85 1.02 0.00 | 31.80 0.96 0.00 | 30.74 0.89 0.00 | 31.53 0.98 0.00 | 31.74 0.86 0.00 | 40.92 1.00 0.00 | 47.19 1.10 0.00 | 56.64 1.38 0.00 | 57.41 1.62 0.00 | 46.17 1.26 0.00 | 37.44 1.06 0.00 | 32.86 1.05 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 29.51 -0.33 0.00 | 26.51 -0.27 0.00 | 25.67 -0.23 0.00 | 25.25 -0.23 0.00 | 25.29 -0.18 0.00 | 26.09 -0.21 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.49 0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.69 -0.15 0.00 | 29.61 -0.24 0.00 | 30.28 -0.28 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 45.95 -0.14 0.00 | 54.81 -0.44 0.00 | 55.24 -0.56 0.00 | 44.64 -0.27 0.00 | 36.13 -0.25 0.00 | 31.47 -0.35 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 29.51 -0.33 0.00 | 26.53 -0.24 0.00 | 25.68 -0.23 0.00 | 25.25 -0.23 0.00 | 25.29 -0.18 0.00 | 26.12 -0.18 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.49 0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.69 -0.15 0.00 | 29.61 -0.24 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 46.00 -0.09 0.00 | 54.81 -0.44 0.00 | 55.24 -0.56 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.46 -0.35 0.00 |
| ALCOA___DSASP 323711 | 29.51 -0.33 0.00 | 26.53 -0.24 0.00 | 25.68 -0.23 0.00 | 25.25 -0.23 0.00 | 25.29 -0.18 0.00 | 26.12 -0.18 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.49 0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.69 -0.15 0.00 | 29.61 -0.24 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 46.00 -0.09 0.00 | 54.81 -0.44 0.00 | 55.24 -0.56 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.46 -0.35 0.00 |
| ALLEGHENY___COGEN 23514 | 30.32 0.48 0.00 | 27.20 0.43 0.00 | 26.17 0.26 0.00 | 25.86 0.38 0.00 | 25.90 0.43 0.00 | 26.59 0.29 0.00 | 28.02 0.03 0.00 | 29.05 -0.15 0.00 | 30.99 -0.47 0.00 | 31.67 -0.68 0.00 | 31.91 -1.09 0.00 | 31.73 -1.25 0.00 | 30.49 -1.34 0.00 | 29.45 -1.39 0.00 | 28.75 -1.10 0.00 | 29.39 -1.16 0.00 | 29.86 -1.02 0.00 | 39.44 -0.48 0.00 | 46.04 -0.05 0.00 | 56.58 1.32 0.00 | 57.69 1.90 0.00 | 46.21 1.30 0.00 | 37.76 1.38 0.00 | 32.96 1.14 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 30.89 1.04 0.00 | 27.74 0.96 0.00 | 26.82 0.91 0.00 | 26.37 0.89 0.00 | 26.29 0.82 0.00 | 27.14 0.84 0.00 | 28.88 0.90 0.00 | 30.10 0.91 0.00 | 32.25 0.79 0.00 | 33.20 0.84 0.00 | 33.86 0.86 0.00 | 33.88 0.89 0.00 | 32.72 0.89 0.00 | 31.71 0.86 0.00 | 30.69 0.84 0.00 | 31.50 0.95 0.00 | 31.77 0.90 0.00 | 41.00 1.08 0.00 | 47.38 1.29 0.00 | 56.80 1.55 0.00 | 57.53 1.73 0.00 | 46.30 1.39 0.00 | 37.54 1.16 0.00 | 32.83 1.02 0.00 |
| ALTONA_WT_PWR 323606 | 29.39 -0.45 0.00 | 26.45 -0.32 0.00 | 25.65 -0.26 0.00 | 25.27 -0.20 0.00 | 25.35 -0.13 0.00 | 26.20 -0.10 0.00 | 28.02 0.03 0.00 | 29.23 0.03 0.00 | 31.62 0.16 0.00 | 32.42 0.06 0.00 | 33.07 0.07 0.00 | 33.05 0.07 0.00 | 31.83 0.00 0.00 | 30.81 -0.03 0.00 | 29.73 -0.12 0.00 | 30.40 -0.15 0.00 | 30.75 -0.12 0.00 | 39.84 -0.08 0.00 | 46.13 0.05 0.00 | 55.09 -0.17 0.00 | 55.46 -0.33 0.00 | 44.69 -0.22 0.00 | 36.05 -0.33 0.00 | 31.37 -0.45 0.00 |
| AMERICAN_REF_FUEL 24010 | 27.48 -2.36 0.00 | 24.68 -2.09 0.00 | 23.58 -2.33 0.00 | 23.36 -2.11 0.00 | 23.26 -2.22 0.00 | 23.83 -2.47 0.00 | 25.05 -2.94 0.00 | 26.10 -3.10 0.00 | 28.03 -3.43 0.00 | 29.19 -3.17 0.00 | 29.50 -3.50 0.00 | 29.39 -3.59 0.00 | 28.17 -3.66 0.00 | 27.23 -3.61 0.00 | 26.68 -3.16 0.00 | 27.25 -3.30 0.00 | 27.54 -3.34 0.00 | 35.85 -4.07 0.00 | 40.97 -5.12 0.00 | 49.40 -5.86 0.00 | 49.88 -5.92 0.00 | 40.24 -4.67 0.00 | 33.69 -2.69 0.00 | 29.75 -2.07 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 28.26 -1.58 0.00 | 25.33 -1.45 0.00 | 24.35 -1.55 0.00 | 24.15 -1.33 0.00 | 24.17 -1.30 0.00 | 24.91 -1.39 0.00 | 26.23 -1.76 0.00 | 27.30 -1.90 0.00 | 29.32 -2.14 0.00 | 30.58 -1.78 0.00 | 30.89 -2.11 0.00 | 30.78 -2.21 0.00 | 29.51 -2.32 0.00 | 28.50 -2.35 0.00 | 27.94 -1.91 0.00 | 28.57 -1.99 0.00 | 28.96 -1.91 0.00 | 37.80 -2.12 0.00 | 43.32 -2.76 0.00 | 52.27 -2.98 0.00 | 52.84 -2.96 0.00 | 42.67 -2.24 0.00 | 35.36 -1.02 0.00 | 31.21 -0.61 0.00 |
| ARTHUR KILL_GT_1 23520 | 32.08 2.24 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.98 1.68 0.00 | 29.75 1.76 0.00 | 30.92 1.72 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.18 2.63 0.00 | 33.72 2.84 0.00 | 43.31 3.39 0.00 | 50.10 4.01 0.00 | 60.01 4.75 -0.01 | 60.66 4.85 -0.01 | 48.78 3.86 -0.01 | 39.22 2.84 0.00 | 34.04 2.23 0.00 |
| ARTHUR_KILL_2 23512 | 31.99 2.15 0.00 | 28.73 1.95 0.00 | 27.80 1.89 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.67 1.68 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.12 2.57 0.00 | 33.62 2.75 0.00 | 43.19 3.27 0.00 | 50.05 3.96 0.00 | 59.84 4.58 -0.01 | 60.49 4.69 -0.01 | 48.69 3.77 -0.01 | 39.18 2.80 0.00 | 33.98 2.16 0.00 |
| ARTHUR_KILL_3 23513 | 31.66 1.82 0.00 | 28.38 1.61 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.72 1.42 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.78 1.78 0.00 | 34.90 1.91 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.91 2.06 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.83 2.91 0.00 | 49.55 3.46 0.00 | 59.18 3.92 0.00 | 59.81 4.02 0.00 | 48.19 3.28 0.00 | 38.74 2.36 0.00 | 33.66 1.84 0.00 |

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|-----------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|
| ARTHUR_KILL_COGEN 323718 | 32.08 2.24 0.00 | 28.78 2.01 0.00 | 27.88 1.97 0.00 | 27.31 1.84 0.00 | 27.23 1.76 0.00 | 27.98 1.68 0.00 | 29.75 1.76 0.00 | 30.92 1.72 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.18 2.63 0.00 | 33.72 2.84 0.00 | 43.31 3.39 0.00 | 50.14 4.06 0.00 | 60.01 4.75 -0.01 | 60.66 4.85 -0.01 | 48.82 3.91 -0.01 | 39.29 2.91 0.00 | 34.04 2.23 0.00 |
| ASHOKAN____ 23654 | 31.84 2.00 0.00 | 28.62 1.85 0.00 | 27.69 1.79 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.93 1.63 0.00 | 29.61 1.62 0.00 | 30.60 1.40 0.00 | 32.62 1.16 0.00 | 33.42 1.07 0.00 | 33.99 0.99 0.00 | 34.04 1.06 0.00 | 32.88 1.05 0.00 | 31.89 1.05 0.00 | 30.80 0.95 0.00 | 31.75 1.19 0.00 | 32.17 1.30 0.00 | 41.72 1.80 0.00 | 48.57 2.49 0.00 | 58.62 3.37 0.00 | 59.70 3.90 0.00 | 47.83 2.92 0.00 | 38.67 2.29 0.00 | 33.82 2.01 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.82 1.52 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.84 1.49 0.01 | 34.68 1.68 0.01 | 34.79 1.81 0.01 | 33.76 1.94 0.01 | 32.84 2.00 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.34 2.47 0.01 | 42.66 2.75 0.01 | 49.30 3.23 0.01 | 59.28 4.03 0.01 | 59.86 4.07 0.01 | 48.00 3.10 0.01 | 38.59 2.22 0.01 | 33.46 1.65 0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.28 1.81 0.00 | 27.20 1.73 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.84 1.49 0.01 | 34.68 1.68 0.01 | 34.79 1.81 0.01 | 33.76 1.94 0.01 | 32.84 2.00 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.34 2.47 0.01 | 42.66 2.75 0.01 | 49.30 3.23 0.01 | 59.28 4.03 0.01 | 59.86 4.07 0.01 | 48.00 3.10 0.01 | 38.59 2.22 0.01 | 33.46 1.65 0.01 |
| ASTORIA_GT2_1 24094 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT2_2 24095 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT2_3 24096 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT2_4 24097 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT3_1 24098 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT3_2 24099 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT3_3 24100 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT3_4 24101 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT4_1 24102 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT4_2 24103 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT4_3 24104 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |

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| ASTORIA_GT4_4 24105 | 31.93 2.09 0.00 | 28.89 2.12 0.00 | 27.83 1.92 0.00 | 27.23 1.76 0.00 | 27.20 1.73 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.38 2.50 0.00 | 42.71 2.79 0.00 | 49.27 3.18 0.00 | 59.23 3.98 0.00 | 59.87 4.07 0.00 | 47.96 3.05 0.00 | 38.56 2.18 0.00 | 33.50 1.69 0.00 |
| ASTORIA_GT_1 23523 | 31.99 2.15 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.88 1.58 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.97 1.51 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.05 3.14 0.00 | 38.60 2.22 0.00 | 33.53 1.72 0.00 |
| ASTORIA_GT_10 24110 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.91 2.99 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| ASTORIA_GT_11 24225 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.91 2.99 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| ASTORIA_GT_12 24226 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.91 2.99 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| ASTORIA_GT_13 24227 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.91 2.99 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| ASTORIA_GT_5 24106 | 31.99 2.15 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.88 1.58 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.97 1.51 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.05 3.14 0.00 | 38.60 2.22 0.00 | 33.53 1.72 0.00 |
| ASTORIA_GT_7 24107 | 31.99 2.15 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.88 1.58 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.97 1.51 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.05 3.14 0.00 | 38.60 2.22 0.00 | 33.53 1.72 0.00 |
| ASTORIA_GT_8 24108 | 31.99 2.15 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.88 1.58 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.97 1.51 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.05 3.14 0.00 | 38.60 2.22 0.00 | 33.53 1.72 0.00 |
| ASTORIA___2 24149 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.28 1.81 0.00 | 27.20 1.73 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.84 1.49 0.01 | 34.68 1.68 0.01 | 34.79 1.81 0.01 | 33.76 1.94 0.01 | 32.84 2.00 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.37 2.50 0.01 | 42.71 2.79 0.01 | 49.35 3.27 0.01 | 59.28 4.03 0.01 | 59.92 4.13 0.01 | 48.00 3.10 0.01 | 38.59 2.22 0.01 | 33.49 1.69 0.01 |
| ASTORIA___3 23516 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.59 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.92 3.00 0.00 | 49.58 3.50 0.01 | 59.28 4.03 0.01 | 59.97 4.19 0.01 | 48.27 3.37 0.01 | 38.85 2.48 0.00 | 33.72 1.91 0.00 |
| ASTORIA___4 23517 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.91 2.99 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| ASTORIA___5 23518 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.59 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.92 3.00 0.00 | 49.58 3.50 0.01 | 59.28 4.03 0.01 | 59.97 4.19 0.01 | 48.27 3.37 0.01 | 38.85 2.48 0.00 | 33.72 1.91 0.00 |
| AST_ENERGY_2_CC3 323677 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.82 1.52 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.47 2.59 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 59.98 4.19 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| AST_ENERGY_2_CC4 323678 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.82 1.52 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.47 2.59 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 59.98 4.19 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |

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| ATHENS_STG_1 23668 | 31.09 1.25 0.00 | 27.87 1.10 0.00 | 27.00 1.09 0.00 | 26.50 1.02 0.00 | 26.44 0.97 0.00 | 27.30 1.00 0.00 | 29.05 1.06 0.00 | 30.28 1.08 0.00 | 32.47 1.01 0.00 | 33.42 1.07 0.00 | 34.19 1.19 0.00 | 34.21 1.22 0.00 | 33.10 1.27 0.00 | 32.11 1.27 0.00 | 31.07 1.22 0.00 | 31.96 1.41 0.00 | 32.30 1.42 0.00 | 41.64 1.72 0.00 | 48.11 2.03 0.00 | 57.63 2.37 0.00 | 58.36 2.57 0.00 | 46.98 2.07 0.00 | 37.94 1.56 0.00 | 33.12 1.30 0.00 |
| ATHENS_STG_2 23670 | 31.09 1.25 0.00 | 27.87 1.10 0.00 | 27.00 1.09 0.00 | 26.50 1.02 0.00 | 26.44 0.97 0.00 | 27.30 1.00 0.00 | 29.05 1.06 0.00 | 30.28 1.08 0.00 | 32.47 1.01 0.00 | 33.42 1.07 0.00 | 34.19 1.19 0.00 | 34.21 1.22 0.00 | 33.10 1.27 0.00 | 32.11 1.27 0.00 | 31.07 1.22 0.00 | 31.96 1.41 0.00 | 32.30 1.42 0.00 | 41.64 1.72 0.00 | 48.11 2.03 0.00 | 57.63 2.37 0.00 | 58.36 2.57 0.00 | 46.98 2.07 0.00 | 37.94 1.56 0.00 | 33.12 1.30 0.00 |
| ATHENS_STG_3 23677 | 31.09 1.25 0.00 | 27.87 1.10 0.00 | 27.00 1.09 0.00 | 26.50 1.02 0.00 | 26.44 0.97 0.00 | 27.30 1.00 0.00 | 29.05 1.06 0.00 | 30.28 1.08 0.00 | 32.47 1.01 0.00 | 33.42 1.07 0.00 | 34.19 1.19 0.00 | 34.21 1.22 0.00 | 33.10 1.27 0.00 | 32.11 1.27 0.00 | 31.07 1.22 0.00 | 31.96 1.41 0.00 | 32.30 1.42 0.00 | 41.64 1.72 0.00 | 48.11 2.03 0.00 | 57.63 2.37 0.00 | 58.36 2.57 0.00 | 46.98 2.07 0.00 | 37.94 1.56 0.00 | 33.12 1.30 0.00 |
| AUBURN___LFGE 323710 | 29.99 0.15 0.00 | 26.83 0.05 0.00 | 25.96 0.05 0.00 | 25.53 0.05 0.00 | 25.57 0.10 0.00 | 26.41 0.11 0.00 | 27.99 0.00 0.00 | 29.20 0.00 0.00 | 31.40 -0.06 0.00 | 32.29 -0.06 0.00 | 32.87 -0.13 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.56 -0.28 0.00 | 29.67 -0.18 0.00 | 30.31 -0.24 0.00 | 30.69 -0.19 0.00 | 39.88 -0.04 0.00 | 46.04 -0.05 0.00 | 55.64 0.39 0.00 | 56.41 0.61 0.00 | 45.27 0.36 0.00 | 36.67 0.29 0.00 | 32.10 0.29 0.00 |
| BABYLON_RES_REC 323704 | 32.53 2.69 0.00 | 28.94 2.17 0.00 | 28.06 2.15 0.00 | 27.51 2.04 0.00 | 27.46 1.99 0.00 | 28.38 2.08 0.00 | 30.25 2.27 0.00 | 31.68 2.48 0.00 | 33.75 2.30 0.00 | 34.78 2.43 0.00 | 38.35 2.74 -2.61 | 39.12 2.80 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.54 2.81 -7.88 | 41.97 3.15 -8.27 | 47.51 3.34 -13.30 | 50.05 4.07 -6.06 | 52.17 4.84 -1.25 | 60.96 5.69 -0.01 | 61.82 5.86 -0.17 | 52.60 4.71 -2.97 | 42.63 3.71 -2.53 | 34.88 3.05 -0.01 |
| BALL_HILL_WT_PWR 323825 | 28.32 -1.52 0.00 | 25.41 -1.36 0.00 | 24.35 -1.55 0.00 | 24.10 -1.38 0.00 | 24.05 -1.43 0.00 | 24.72 -1.58 0.00 | 26.00 -1.99 0.00 | 27.04 -2.16 0.00 | 29.04 -2.42 0.00 | 30.22 -2.14 0.00 | 30.56 -2.44 0.00 | 30.45 -2.54 0.00 | 29.22 -2.61 0.00 | 28.25 -2.59 0.00 | 27.67 -2.18 0.00 | 28.29 -2.26 0.00 | 28.65 -2.22 0.00 | 37.36 -2.56 0.00 | 42.82 -3.27 0.00 | 51.66 -3.59 0.00 | 52.17 -3.63 0.00 | 42.08 -2.83 0.00 | 34.96 -1.42 0.00 | 30.89 -0.92 0.00 |
| BARON_WINDS___WT_PWR 323822 | 29.33 -0.51 0.00 | 26.32 -0.46 0.00 | 25.31 -0.59 0.00 | 25.02 -0.46 0.00 | 25.06 -0.41 0.00 | 25.83 -0.47 0.00 | 27.20 -0.78 0.00 | 28.15 -1.05 0.00 | 30.17 -1.29 0.00 | 31.13 -1.23 0.00 | 31.58 -1.42 0.00 | 31.54 -1.45 0.00 | 30.33 -1.50 0.00 | 29.33 -1.51 0.00 | 28.62 -1.23 0.00 | 29.24 -1.31 0.00 | 29.61 -1.27 0.00 | 38.76 -1.16 0.00 | 44.75 -1.34 0.00 | 54.37 -0.89 0.00 | 55.18 -0.61 0.00 | 44.42 -0.49 0.00 | 36.42 0.04 0.00 | 32.01 0.19 0.00 |
| BARRETT_IC_1 23704 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_10 23701 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_11 23702 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_12 23703 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_2 23705 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_3 23706 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_4 23707 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_5 23708 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_6 23709 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_7 23710 | 32.11 2.27 0.00 | 28.75 1.98 0.00 | 27.75 1.84 0.00 | 27.00 1.53 0.00 | 27.13 1.66 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.73 2.41 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.80 4.53 -0.01 | 60.65 4.69 -0.17 | 51.65 3.77 -2.97 | 41.93 3.02 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_8 23711 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT_IC_9 23700 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT___1 23545 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BARRETT___2 23546 | 32.11 2.27 0.00 | 28.62 1.85 0.00 | 27.75 1.84 0.00 | 27.18 1.71 0.00 | 27.13 1.65 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 46.98 2.81 -13.30 | 49.29 3.31 -6.06 | 51.21 3.87 -1.25 | 59.85 4.58 -0.01 | 60.65 4.69 -0.17 | 51.66 3.77 -2.97 | 41.96 3.06 -2.53 | 34.31 2.48 -0.01 |
| BATAVIA___115KV_TB1 55881 | 28.71 -1.13 0.00 | 25.33 -1.45 0.00 | 24.69 -1.22 0.00 | 24.18 -1.30 0.00 | 24.35 -1.12 0.00 | 25.06 -1.24 0.00 | 26.31 -1.68 0.00 | 27.41 -1.78 0.00 | 29.44 -2.01 0.00 | 30.45 -1.91 0.00 | 30.76 -2.24 0.00 | 30.58 -2.41 0.00 | 29.35 -2.48 0.00 | 28.40 -2.44 0.00 | 27.79 -2.06 0.00 | 28.32 -2.23 0.00 | 28.72 -2.16 0.00 | 37.56 -2.36 0.00 | 43.23 -2.86 0.00 | 52.49 -2.76 0.00 | 53.17 -2.62 0.00 | 42.80 -2.11 0.00 | 35.32 -1.06 0.00 | 31.11 -0.70 0.00 |
| BAYONEEC___CTG1 323682 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG10 323750 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG2 323683 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG3 323684 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG4 323685 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG5 323686 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG6 323687 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG7 323688 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |

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| BAYONEEC___CTG8 323689 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYONEEC___CTG9 323749 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| BAYPORT_69_KV_BK 2 356364 | 32.92 3.07 0.00 | 29.40 2.62 0.00 | 28.40 2.49 0.00 | 27.56 2.09 0.00 | 27.79 2.32 0.00 | 28.72 2.42 0.00 | 30.65 2.66 0.00 | 32.09 2.89 0.00 | 34.16 2.71 0.00 | 35.23 2.88 0.00 | 38.81 3.20 -2.61 | 39.59 3.27 -3.33 | 40.53 3.25 -5.45 | 43.65 3.18 -9.63 | 40.96 3.22 -7.88 | 42.43 3.61 -8.27 | 48.00 3.83 -13.30 | 50.73 4.75 -6.06 | 52.96 5.62 -1.25 | 61.90 6.63 -0.01 | 62.66 6.70 -0.17 | 53.36 5.48 -2.97 | 43.17 4.26 -2.54 | 35.42 3.60 -0.01 |
| BEACON___LESR 323632 | 31.22 1.37 0.00 | 27.98 1.21 0.00 | 27.10 1.19 0.00 | 26.65 1.17 0.00 | 26.57 1.09 0.00 | 27.46 1.16 0.00 | 29.19 1.20 0.00 | 30.42 1.23 0.00 | 32.50 1.04 0.00 | 33.49 1.13 0.00 | 34.19 1.19 0.00 | 34.17 1.19 0.00 | 32.97 1.14 0.00 | 31.92 1.08 0.00 | 30.83 0.98 0.00 | 31.65 1.10 0.00 | 31.86 0.99 0.00 | 41.12 1.20 0.00 | 47.47 1.38 0.00 | 57.02 1.77 0.00 | 57.80 2.01 0.00 | 46.44 1.53 0.00 | 37.65 1.27 0.00 | 33.05 1.24 0.00 |
| BEAVER RIVER___HYD 24048 | 29.16 -0.69 0.00 | 26.08 -0.70 0.00 | 25.29 -0.62 0.00 | 24.84 -0.64 0.00 | 24.99 -0.48 0.00 | 26.01 -0.29 0.00 | 27.90 -0.08 0.00 | 29.34 0.15 0.00 | 31.59 0.13 0.00 | 32.13 -0.22 0.00 | 32.61 -0.39 0.00 | 32.46 -0.53 0.00 | 31.26 -0.57 0.00 | 30.32 -0.52 0.00 | 29.25 -0.60 0.00 | 29.88 -0.67 0.00 | 30.20 -0.68 0.00 | 39.52 -0.40 0.00 | 46.09 0.00 0.00 | 55.81 0.55 0.00 | 56.80 1.01 0.00 | 45.67 0.76 0.00 | 36.93 0.55 0.00 | 32.01 0.19 0.00 |
| BEEBEE_GT_13 23619 | 29.33 -0.51 0.00 | 26.05 -0.72 0.00 | 25.29 -0.62 0.00 | 24.81 -0.66 0.00 | 24.94 -0.53 0.00 | 25.67 -0.63 0.00 | 27.09 -0.90 0.00 | 28.32 -0.88 0.00 | 30.48 -0.98 0.00 | 31.48 -0.87 0.00 | 31.95 -1.06 0.00 | 31.83 -1.15 0.00 | 30.68 -1.15 0.00 | 29.70 -1.14 0.00 | 28.92 -0.93 0.00 | 29.45 -1.10 0.00 | 29.86 -1.02 0.00 | 38.88 -1.04 0.00 | 44.75 -1.34 0.00 | 54.09 -1.16 0.00 | 54.79 -1.00 0.00 | 44.01 -0.90 0.00 | 35.98 -0.40 0.00 | 31.53 -0.29 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 32.08 2.24 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 28.01 1.71 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.19 1.73 0.00 | 34.23 1.88 0.00 | 35.08 2.08 0.00 | 35.26 2.28 0.00 | 34.15 2.32 0.00 | 33.22 2.37 0.00 | 32.18 2.33 0.00 | 33.27 2.72 0.00 | 33.78 2.90 0.00 | 43.35 3.43 0.00 | 50.14 4.06 0.00 | 60.01 4.75 -0.01 | 60.66 4.85 -0.01 | 48.78 3.86 -0.01 | 39.22 2.84 0.00 | 34.07 2.26 0.00 |
| BETHLEHEM___GRP 23843 | 30.83 0.98 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.37 0.89 0.00 | 26.26 0.79 0.00 | 27.09 0.79 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.73 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.53 0.65 0.00 | 40.60 0.68 0.00 | 46.83 0.74 0.00 | 56.08 0.83 0.00 | 56.86 1.06 0.00 | 45.76 0.85 0.00 | 37.22 0.84 0.00 | 32.61 0.80 0.00 |
| BETHLEHEM___GS1 323560 | 30.83 0.98 0.00 | 27.66 0.88 0.00 | 26.79 0.88 0.00 | 26.34 0.87 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.72 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.49 0.62 0.00 | 40.60 0.68 0.00 | 46.78 0.69 0.00 | 56.08 0.83 0.00 | 56.85 1.06 0.00 | 45.76 0.85 0.00 | 37.11 0.73 0.00 | 32.61 0.80 0.00 |
| BETHLEHEM___GS2 323561 | 30.83 0.98 0.00 | 27.66 0.88 0.00 | 26.79 0.88 0.00 | 26.34 0.87 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.72 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.49 0.62 0.00 | 40.60 0.68 0.00 | 46.78 0.69 0.00 | 56.08 0.83 0.00 | 56.85 1.06 0.00 | 45.76 0.85 0.00 | 37.11 0.73 0.00 | 32.61 0.80 0.00 |
| BETHLEHEM___GS3 323562 | 30.83 0.98 0.00 | 27.66 0.88 0.00 | 26.79 0.88 0.00 | 26.34 0.87 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.06 0.60 0.00 | 33.00 0.65 0.00 | 33.70 0.69 0.00 | 33.71 0.72 0.00 | 32.56 0.73 0.00 | 31.55 0.71 0.00 | 30.51 0.66 0.00 | 31.29 0.73 0.00 | 31.49 0.62 0.00 | 40.60 0.68 0.00 | 46.78 0.69 0.00 | 56.08 0.83 0.00 | 56.85 1.06 0.00 | 45.76 0.85 0.00 | 37.11 0.73 0.00 | 32.61 0.80 0.00 |
| BETHLEHEM___STEEL 23779 | 28.23 -1.61 0.00 | 24.90 -1.87 0.00 | 24.28 -1.63 0.00 | 23.72 -1.76 0.00 | 23.94 -1.53 0.00 | 24.70 -1.60 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.06 -2.77 0.00 | 28.10 -2.74 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.13 -2.79 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.78 -4.02 0.00 | 41.86 -3.05 0.00 | 34.63 -1.75 0.00 | 30.70 -1.11 0.00 |
| BETHLHEM_115KV_TB1 79974 | 30.86 1.01 0.00 | 27.71 0.94 0.00 | 26.79 0.88 0.00 | 26.37 0.89 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.09 0.63 0.00 | 33.03 0.68 0.00 | 33.76 0.76 0.00 | 33.75 0.76 0.00 | 32.59 0.76 0.00 | 31.58 0.74 0.00 | 30.54 0.69 0.00 | 31.35 0.79 0.00 | 31.59 0.71 0.00 | 40.68 0.76 0.00 | 46.92 0.83 0.00 | 56.25 0.99 0.00 | 57.02 1.23 0.00 | 45.85 0.94 0.00 | 37.29 0.91 0.00 | 32.64 0.83 0.00 |
| BETHPAGE_CC_5 323564 | 32.47 2.63 0.00 | 28.89 2.11 0.00 | 28.01 2.10 0.00 | 27.46 1.99 0.00 | 27.38 1.91 0.00 | 28.30 2.00 0.00 | 30.20 2.21 0.00 | 31.59 2.39 0.00 | 33.69 2.23 0.00 | 34.75 2.39 0.00 | 38.32 2.71 -2.61 | 39.12 2.80 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.54 2.81 -7.88 | 41.94 3.12 -8.27 | 47.48 3.31 -13.30 | 49.97 3.99 -6.06 | 52.04 4.70 -1.25 | 60.79 5.52 -0.01 | 61.66 5.69 -0.17 | 52.47 4.58 -2.97 | 42.48 3.57 -2.53 | 34.75 2.93 -0.01 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 28.20 -1.64 0.00 | 24.90 -1.87 0.00 | 24.25 -1.66 0.00 | 23.69 -1.78 0.00 | 23.92 -1.55 0.00 | 24.70 -1.60 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.06 -2.77 0.00 | 28.10 -2.74 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.17 -2.75 0.00 | 42.54 -3.55 0.00 | 51.33 -3.92 0.00 | 51.83 -3.96 0.00 | 41.90 -3.01 0.00 | 34.63 -1.75 0.00 | 30.73 -1.08 0.00 |

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| BINGHAMTON___COGEN 23790 | 30.20 0.36 0.00 | 27.01 0.24 0.00 | 26.14 0.23 0.00 | 25.68 0.20 0.00 | 25.70 0.23 0.00 | 26.56 0.26 0.00 | 28.13 0.14 0.00 | 29.31 0.12 0.00 | 31.55 0.09 0.00 | 32.48 0.13 0.00 | 33.10 0.10 0.00 | 33.02 0.03 0.00 | 31.86 0.03 0.00 | 30.87 0.03 0.00 | 29.97 0.12 0.00 | 30.68 0.12 0.00 | 31.03 0.15 0.00 | 40.24 0.32 0.00 | 46.46 0.37 0.00 | 55.92 0.66 0.00 | 56.58 0.78 0.00 | 45.54 0.63 0.00 | 36.89 0.51 0.00 | 32.32 0.51 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 27.93 -1.91 0.00 | 24.74 -2.03 0.00 | 24.09 -1.81 0.00 | 23.56 -1.91 0.00 | 23.84 -1.63 0.00 | 24.67 -1.63 0.00 | 25.89 -2.10 0.00 | 26.92 -2.28 0.00 | 28.88 -2.58 0.00 | 30.12 -2.23 0.00 | 30.46 -2.54 0.00 | 30.25 -2.74 0.00 | 29.09 -2.74 0.00 | 28.16 -2.68 0.00 | 27.61 -2.24 0.00 | 28.26 -2.29 0.00 | 28.68 -2.19 0.00 | 37.37 -2.55 0.00 | 42.86 -3.23 0.00 | 51.72 -3.54 0.00 | 52.22 -3.57 0.00 | 42.22 -2.69 0.00 | 34.78 -1.60 0.00 | 30.86 -0.95 0.00 |
| BLACK RIVER___HYD 24047 | 29.72 -0.12 0.00 | 26.56 -0.22 0.00 | 25.73 -0.18 0.00 | 25.25 -0.23 0.00 | 25.40 -0.08 0.00 | 26.35 0.05 0.00 | 28.16 0.17 0.00 | 29.55 0.35 0.00 | 31.81 0.35 0.00 | 32.32 -0.03 0.00 | 32.74 -0.27 0.00 | 32.56 -0.43 0.00 | 31.32 -0.51 0.00 | 30.41 -0.43 0.00 | 29.34 -0.51 0.00 | 29.94 -0.61 0.00 | 30.26 -0.62 0.00 | 39.72 -0.20 0.00 | 46.41 0.32 0.00 | 56.53 1.27 0.00 | 57.75 1.95 0.00 | 46.39 1.48 0.00 | 37.36 0.98 0.00 | 32.36 0.54 0.00 |
| BLACKRVR_115KV_TB2 79977 | 29.72 -0.12 0.00 | 26.53 -0.24 0.00 | 25.73 -0.18 0.00 | 25.25 -0.23 0.00 | 25.40 -0.08 0.00 | 26.38 0.08 0.00 | 28.16 0.17 0.00 | 29.55 0.35 0.00 | 31.80 0.35 0.00 | 32.32 -0.03 0.00 | 32.74 -0.26 0.00 | 32.56 -0.43 0.00 | 31.32 -0.51 0.00 | 30.41 -0.43 0.00 | 29.34 -0.51 0.00 | 29.94 -0.61 0.00 | 30.26 -0.62 0.00 | 39.72 -0.20 0.00 | 46.41 0.32 0.00 | 56.52 1.27 0.00 | 57.75 1.95 0.00 | 46.39 1.48 0.00 | 37.33 0.95 0.00 | 32.36 0.54 0.00 |
| BLISS_WT_PWR 323608 | 27.84 -2.00 0.00 | 25.03 -1.74 0.00 | 24.02 -1.89 0.00 | 23.77 -1.71 0.00 | 23.79 -1.68 0.00 | 24.54 -1.76 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.12 -2.23 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.09 -2.74 0.00 | 28.19 -2.65 0.00 | 27.64 -2.21 0.00 | 28.26 -2.29 0.00 | 28.69 -2.19 0.00 | 37.41 -2.51 0.00 | 42.86 -3.23 0.00 | 51.72 -3.54 0.00 | 52.22 -3.57 0.00 | 42.17 -2.74 0.00 | 34.92 -1.46 0.00 | 30.89 -0.92 0.00 |
| BLUESTONE___WT_PWR 323821 | 31.42 1.58 0.00 | 28.08 1.31 0.00 | 27.18 1.27 0.00 | 26.67 1.20 0.00 | 26.72 1.25 0.00 | 27.59 1.29 0.00 | 28.94 0.95 0.00 | 30.28 1.08 0.00 | 32.72 1.26 0.00 | 33.65 1.30 0.00 | 34.22 1.22 0.00 | 34.04 1.06 0.00 | 32.75 0.92 0.00 | 31.74 0.89 0.00 | 30.68 0.83 0.00 | 31.41 0.85 0.00 | 31.77 0.90 0.00 | 41.52 1.60 0.00 | 48.21 2.12 0.00 | 58.40 3.15 0.00 | 59.37 3.57 0.00 | 47.74 2.83 0.00 | 38.53 2.15 0.00 | 33.53 1.72 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 31.07 1.22 0.00 | 27.92 1.15 0.00 | 27.00 1.09 0.00 | 26.57 1.10 0.00 | 26.47 0.99 0.00 | 27.30 1.00 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 33.96 0.96 0.00 | 33.94 0.96 0.00 | 32.75 0.92 0.00 | 31.71 0.86 0.00 | 30.66 0.81 0.00 | 31.44 0.89 0.00 | 31.74 0.86 0.00 | 40.96 1.04 0.00 | 47.38 1.29 0.00 | 56.91 1.66 0.00 | 57.69 1.90 0.00 | 46.44 1.53 0.00 | 37.69 1.31 0.00 | 32.99 1.18 0.00 |
| BOC_GAS_DRP 24189 | 30.83 0.98 0.00 | 27.68 0.91 0.00 | 26.76 0.85 0.00 | 26.32 0.84 0.00 | 26.24 0.76 0.00 | 27.09 0.79 0.00 | 28.83 0.84 0.00 | 30.04 0.85 0.00 | 32.18 0.72 0.00 | 33.13 0.78 0.00 | 33.83 0.83 0.00 | 33.85 0.86 0.00 | 32.69 0.86 0.00 | 31.71 0.86 0.00 | 30.69 0.84 0.00 | 31.47 0.92 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.58 1.33 0.00 | 57.30 1.51 0.00 | 46.12 1.21 0.00 | 37.40 1.02 0.00 | 32.74 0.92 0.00 |
| BOONVILLE_115KV_TB1 79983 | 29.90 0.06 0.00 | 26.75 -0.03 0.00 | 25.93 0.03 0.00 | 25.48 0.00 0.00 | 25.57 0.10 0.00 | 26.56 0.26 0.00 | 28.38 0.39 0.00 | 29.78 0.58 0.00 | 32.09 0.63 0.00 | 32.84 0.49 0.00 | 33.40 0.40 0.00 | 33.25 0.26 0.00 | 32.02 0.19 0.00 | 31.06 0.22 0.00 | 30.00 0.15 0.00 | 30.68 0.12 0.00 | 31.00 0.12 0.00 | 40.44 0.52 0.00 | 46.96 0.88 0.00 | 56.80 1.55 0.00 | 57.75 1.95 0.00 | 46.44 1.53 0.00 | 37.47 1.09 0.00 | 32.58 0.76 0.00 |
| BORALEX_4TH_BRANCH 23824 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.54 1.63 0.00 | 27.05 1.58 0.00 | 27.03 1.55 0.00 | 27.90 1.60 0.00 | 29.72 1.74 0.00 | 31.01 1.81 0.00 | 33.25 1.79 0.00 | 34.20 1.84 0.00 | 34.92 1.91 0.00 | 34.90 1.91 0.00 | 33.71 1.88 0.00 | 32.66 1.82 0.00 | 31.61 1.76 0.00 | 32.45 1.89 0.00 | 32.67 1.79 0.00 | 42.04 2.12 0.00 | 48.58 2.49 0.00 | 58.18 2.93 0.00 | 59.03 3.24 0.00 | 47.51 2.60 0.00 | 38.56 2.18 0.00 | 33.79 1.97 0.00 |
| BOWLINE___1 23526 | 31.54 1.70 0.00 | 28.24 1.47 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.74 1.27 0.00 | 27.61 1.31 0.00 | 29.39 1.40 0.00 | 30.66 1.46 0.00 | 32.84 1.38 0.00 | 33.84 1.49 0.00 | 34.69 1.68 0.00 | 34.77 1.78 0.00 | 33.68 1.85 0.00 | 32.72 1.88 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.55 2.63 0.00 | 49.22 3.14 0.00 | 58.90 3.65 0.00 | 59.59 3.80 0.00 | 47.97 3.06 0.00 | 38.64 2.26 0.00 | 33.60 1.78 0.00 |
| BOWLINE___2 23595 | 31.54 1.70 0.00 | 28.24 1.47 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.74 1.27 0.00 | 27.61 1.31 0.00 | 29.39 1.40 0.00 | 30.66 1.46 0.00 | 32.84 1.38 0.00 | 33.84 1.49 0.00 | 34.69 1.68 0.00 | 34.77 1.78 0.00 | 33.68 1.85 0.00 | 32.72 1.88 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.55 2.63 0.00 | 49.22 3.14 0.00 | 58.90 3.65 0.00 | 59.64 3.85 0.00 | 47.97 3.06 0.00 | 38.64 2.26 0.00 | 33.60 1.78 0.00 |
| BRADY___115KV_TB2 356060 | 29.60 -0.24 0.00 | 26.59 -0.19 0.00 | 25.75 -0.16 0.00 | 25.32 -0.15 0.00 | 25.37 -0.10 0.00 | 26.19 -0.11 0.00 | 27.99 0.00 0.00 | 29.17 -0.03 0.00 | 31.46 0.00 0.00 | 32.06 -0.29 0.00 | 32.61 -0.40 0.00 | 32.62 -0.36 0.00 | 31.42 -0.41 0.00 | 30.41 -0.43 0.00 | 29.37 -0.48 0.00 | 30.04 -0.52 0.00 | 30.38 -0.49 0.00 | 39.52 -0.40 0.00 | 45.95 -0.14 0.00 | 54.98 -0.28 0.00 | 55.46 -0.33 0.00 | 44.87 -0.04 0.00 | 36.23 -0.15 0.00 | 31.56 -0.25 0.00 |
| BRANSCOMB___SOLAR 323811 | 31.54 1.70 0.00 | 28.27 1.50 0.00 | 27.38 1.48 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.77 1.47 0.00 | 29.50 1.51 0.00 | 30.71 1.52 0.00 | 32.94 1.48 0.00 | 33.91 1.55 0.00 | 34.45 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 31.98 1.14 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.11 1.24 0.00 | 41.72 1.80 0.00 | 48.35 2.26 0.00 | 58.29 3.04 0.00 | 59.20 3.40 0.00 | 47.60 2.69 0.00 | 38.49 2.11 0.00 | 33.66 1.84 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 32.62 2.78 0.00 | 29.21 2.44 0.00 | 28.29 2.38 0.00 | 27.54 2.06 0.00 | 27.84 2.37 0.00 | 28.85 2.55 0.00 | 30.84 2.85 0.00 | 32.38 3.18 0.00 | 34.45 2.99 0.00 | 35.36 3.01 0.00 | 38.98 3.37 -2.61 | 39.79 3.46 -3.33 | 40.68 3.41 -5.45 | 43.83 3.36 -9.63 | 41.20 3.46 -7.88 | 42.73 3.91 -8.27 | 48.34 4.17 -13.30 | 51.17 5.19 -6.06 | 53.51 6.18 -1.25 | 62.45 7.18 -0.01 | 63.05 7.09 -0.17 | 53.68 5.79 -2.97 | 43.39 4.47 -2.54 | 35.62 3.79 -0.01 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 32.74 2.89 0.00 | 29.26 2.49 0.00 | 28.24 2.33 0.00 | 27.44 1.96 0.00 | 27.64 2.17 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.04 2.69 0.00 | 38.58 2.97 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.50 3.02 -9.63 | 40.78 3.04 -7.88 | 42.21 3.39 -8.27 | 47.76 3.58 -13.30 | 50.37 4.39 -6.06 | 52.50 5.16 -1.25 | 61.35 6.08 -0.01 | 62.21 6.25 -0.17 | 52.91 5.03 -2.97 | 42.88 3.97 -2.54 | 35.14 3.31 -0.01 |
| BRISTLHL_115KV_TB1 79998 | 29.36 -0.48 0.00 | 26.32 -0.46 0.00 | 25.47 -0.44 0.00 | 25.02 -0.46 0.00 | 25.04 -0.43 0.00 | 25.85 -0.45 0.00 | 27.48 -0.50 0.00 | 28.67 -0.53 0.00 | 30.86 -0.60 0.00 | 31.74 -0.61 0.00 | 32.34 -0.66 0.00 | 32.26 -0.73 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.20 -1.05 0.00 | 54.85 -0.95 0.00 | 44.10 -0.81 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| BROOKHAVEN___DRP 24191 | 32.68 2.83 0.00 | 29.21 2.44 0.00 | 28.19 2.28 0.00 | 27.39 1.91 0.00 | 27.61 2.14 0.00 | 28.54 2.24 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 34.98 2.62 0.00 | 38.55 2.94 -2.61 | 39.32 3.00 -3.33 | 40.21 2.93 -5.45 | 43.34 2.87 -9.63 | 40.69 2.96 -7.88 | 42.18 3.36 -8.27 | 47.73 3.55 -13.30 | 50.37 4.39 -6.06 | 52.59 5.25 -1.25 | 61.40 6.13 -0.01 | 62.10 6.14 -0.17 | 52.91 5.03 -2.97 | 42.92 4.00 -2.54 | 35.17 3.34 -0.01 |
| BROOKLYN_NAVY_YARD 23515 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.77 1.47 0.00 | 29.58 1.59 0.00 | 30.83 1.63 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.82 1.81 0.00 | 34.93 1.95 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.91 2.06 0.00 | 32.97 2.41 0.00 | 33.44 2.56 0.00 | 42.87 2.95 0.00 | 49.64 3.55 0.00 | 59.28 4.03 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.72 1.91 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| BROOME_2_LFGE 323671 | 30.20 0.36 0.00 | 27.07 0.30 0.00 | 26.14 0.23 0.00 | 25.70 0.23 0.00 | 25.70 0.23 0.00 | 26.54 0.24 0.00 | 28.13 0.14 0.00 | 29.31 0.12 0.00 | 31.55 0.09 0.00 | 32.49 0.13 0.00 | 33.10 0.10 0.00 | 33.02 0.03 0.00 | 31.89 0.06 0.00 | 30.87 0.03 0.00 | 29.97 0.12 0.00 | 30.68 0.12 0.00 | 31.03 0.16 0.00 | 40.24 0.32 0.00 | 46.45 0.37 0.00 | 55.92 0.67 0.00 | 56.58 0.78 0.00 | 45.54 0.63 0.00 | 36.93 0.55 0.00 | 32.32 0.51 0.00 |
| BROOME___LFGE 323600 | 30.20 0.36 0.00 | 27.07 0.30 0.00 | 26.14 0.23 0.00 | 25.70 0.23 0.00 | 25.70 0.23 0.00 | 26.54 0.24 0.00 | 28.13 0.14 0.00 | 29.31 0.12 0.00 | 31.55 0.09 0.00 | 32.49 0.13 0.00 | 33.10 0.10 0.00 | 33.02 0.03 0.00 | 31.89 0.06 0.00 | 30.87 0.03 0.00 | 29.97 0.12 0.00 | 30.68 0.12 0.00 | 31.03 0.16 0.00 | 40.24 0.32 0.00 | 46.45 0.37 0.00 | 55.92 0.67 0.00 | 56.58 0.78 0.00 | 45.54 0.63 0.00 | 36.93 0.55 0.00 | 32.32 0.51 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.34 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.40 -0.39 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 31.93 2.09 0.00 | 28.78 2.01 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 31.01 1.81 0.00 | 33.22 1.76 0.00 | 34.26 1.91 0.00 | 35.12 2.11 0.00 | 35.23 2.24 0.00 | 34.15 2.32 0.00 | 33.19 2.34 0.00 | 32.15 2.30 0.00 | 33.21 2.66 0.00 | 33.69 2.81 0.00 | 43.23 3.31 0.00 | 50.01 3.92 0.00 | 59.78 4.53 0.00 | 60.48 4.69 0.00 | 48.64 3.73 0.00 | 39.11 2.73 0.00 | 33.98 2.16 0.00 |
| BURROWS___LYONSDAL 23803 | 29.63 -0.21 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.25 -0.23 0.00 | 25.37 -0.10 0.00 | 26.38 0.08 0.00 | 28.27 0.28 0.00 | 29.66 0.47 0.00 | 31.96 0.50 0.00 | 32.68 0.32 0.00 | 33.20 0.20 0.00 | 33.05 0.07 0.00 | 31.83 0.00 0.00 | 30.87 0.03 0.00 | 29.82 -0.03 0.00 | 30.49 -0.06 0.00 | 30.81 -0.06 0.00 | 40.24 0.32 0.00 | 46.78 0.69 0.00 | 56.58 1.33 0.00 | 57.58 1.79 0.00 | 46.26 1.35 0.00 | 37.36 0.98 0.00 | 32.45 0.64 0.00 |
| CAITHNESS_CC_1 323624 | 32.62 2.78 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.56 2.09 0.00 | 28.48 2.18 0.00 | 30.39 2.41 0.00 | 31.83 2.63 0.00 | 33.88 2.42 0.00 | 34.91 2.56 0.00 | 38.48 2.87 -2.61 | 39.26 2.93 -3.33 | 40.18 2.90 -5.45 | 43.28 2.81 -9.63 | 40.63 2.89 -7.88 | 42.12 3.30 -8.27 | 47.66 3.49 -13.30 | 50.25 4.27 -6.06 | 52.45 5.12 -1.25 | 61.29 6.02 -0.01 | 61.94 5.97 -0.17 | 52.78 4.90 -2.97 | 42.85 3.93 -2.54 | 35.08 3.25 -0.01 |
| CALPINE BETH_PAGE_GT4 24209 | 32.44 2.60 0.00 | 29.02 2.25 0.00 | 28.01 2.10 0.00 | 27.26 1.78 0.00 | 27.38 1.91 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.59 2.39 0.00 | 33.69 2.23 0.00 | 34.72 2.36 0.00 | 38.29 2.67 -2.61 | 39.13 2.80 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.51 2.78 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.93 3.95 -6.06 | 51.99 4.65 -1.25 | 60.74 5.47 -0.01 | 61.60 5.64 -0.17 | 52.42 4.54 -2.97 | 42.41 3.49 -2.53 | 34.72 2.90 -0.01 |
| CALPINE_BETH_PAGE_GT_4 323586 | 32.44 2.59 0.00 | 28.89 2.11 0.00 | 28.01 2.10 0.00 | 27.44 1.96 0.00 | 27.38 1.91 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.59 2.39 0.00 | 33.66 2.20 0.00 | 34.72 2.36 0.00 | 38.28 2.67 -2.61 | 39.09 2.77 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.51 2.78 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.93 3.95 -6.06 | 52.04 4.70 -1.25 | 60.74 5.47 -0.01 | 61.60 5.63 -0.17 | 52.42 4.53 -2.97 | 42.44 3.53 -2.53 | 34.72 2.89 -0.01 |
| CALPINE_BP_GT1 23823 | 32.44 2.59 0.00 | 28.89 2.11 0.00 | 28.01 2.10 0.00 | 27.44 1.96 0.00 | 27.38 1.91 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.59 2.39 0.00 | 33.66 2.20 0.00 | 34.72 2.36 0.00 | 38.28 2.67 -2.61 | 39.09 2.77 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.51 2.78 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.93 3.95 -6.06 | 52.04 4.70 -1.25 | 60.74 5.47 -0.01 | 61.60 5.63 -0.17 | 52.42 4.53 -2.97 | 42.44 3.53 -2.53 | 34.72 2.89 -0.01 |
| CALSPAN___DRP 24200 | 28.23 -1.61 0.00 | 24.90 -1.87 0.00 | 24.28 -1.63 0.00 | 23.72 -1.76 0.00 | 23.94 -1.53 0.00 | 24.70 -1.60 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.06 -2.77 0.00 | 28.10 -2.74 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.13 -2.79 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.78 -4.02 0.00 | 41.86 -3.05 0.00 | 34.63 -1.75 0.00 | 30.70 -1.11 0.00 |

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| CALVERTON___SOLAR 323806 | 32.71 2.87 0.00 | 29.10 2.33 0.00 | 28.24 2.33 0.00 | 27.72 2.24 0.00 | 27.66 2.19 0.00 | 28.61 2.31 0.00 | 30.56 2.57 0.00 | 32.00 2.80 0.00 | 34.04 2.58 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.40 2.93 -9.63 | 40.78 3.05 -7.88 | 42.27 3.45 -8.27 | 47.82 3.64 -13.30 | 50.53 4.55 -6.06 | 52.77 5.44 -1.25 | 61.67 6.41 -0.01 | 62.27 6.30 -0.17 | 53.09 5.21 -2.97 | 43.06 4.15 -2.54 | 35.27 3.44 -0.01 |
| CANDIGU_WT_PWR 323617 | 29.33 -0.51 0.00 | 26.32 -0.46 0.00 | 25.31 -0.59 0.00 | 25.02 -0.46 0.00 | 25.06 -0.41 0.00 | 25.83 -0.47 0.00 | 27.20 -0.78 0.00 | 28.15 -1.05 0.00 | 30.17 -1.29 0.00 | 31.13 -1.23 0.00 | 31.58 -1.42 0.00 | 31.54 -1.45 0.00 | 30.33 -1.50 0.00 | 29.33 -1.51 0.00 | 28.62 -1.23 0.00 | 29.24 -1.31 0.00 | 29.61 -1.27 0.00 | 38.76 -1.16 0.00 | 44.75 -1.34 0.00 | 54.37 -0.89 0.00 | 55.18 -0.61 0.00 | 44.42 -0.49 0.00 | 36.42 0.04 0.00 | 32.01 0.19 0.00 |
| CARR STREET_E_SYR 24060 | 29.69 -0.15 0.00 | 26.64 -0.13 0.00 | 25.73 -0.18 0.00 | 25.32 -0.15 0.00 | 25.32 -0.15 0.00 | 26.12 -0.18 0.00 | 27.74 -0.25 0.00 | 28.96 -0.23 0.00 | 31.18 -0.28 0.00 | 32.10 -0.26 0.00 | 32.71 -0.30 0.00 | 32.66 -0.33 0.00 | 31.51 -0.32 0.00 | 30.50 -0.34 0.00 | 29.58 -0.27 0.00 | 30.19 -0.37 0.00 | 30.51 -0.37 0.00 | 39.52 -0.40 0.00 | 45.54 -0.55 0.00 | 54.81 -0.44 0.00 | 55.52 -0.28 0.00 | 44.60 -0.31 0.00 | 36.20 -0.18 0.00 | 31.69 -0.13 0.00 |
| CARTHAGE___PAPER 23857 | 29.33 -0.51 0.00 | 26.24 -0.54 0.00 | 25.44 -0.47 0.00 | 24.97 -0.51 0.00 | 25.12 -0.36 0.00 | 26.12 -0.18 0.00 | 27.99 0.00 0.00 | 29.40 0.21 0.00 | 31.62 0.16 0.00 | 32.13 -0.22 0.00 | 32.57 -0.43 0.00 | 32.39 -0.59 0.00 | 31.19 -0.64 0.00 | 30.25 -0.59 0.00 | 29.19 -0.66 0.00 | 29.82 -0.73 0.00 | 30.17 -0.71 0.00 | 39.52 -0.40 0.00 | 46.18 0.09 0.00 | 56.08 0.83 0.00 | 57.13 1.34 0.00 | 45.94 1.03 0.00 | 37.04 0.66 0.00 | 32.10 0.29 0.00 |
| CASSADAGA_WT_PWR 323784 | 28.32 -1.52 0.00 | 25.38 -1.39 0.00 | 24.43 -1.48 0.00 | 24.20 -1.27 0.00 | 24.28 -1.20 0.00 | 25.01 -1.29 0.00 | 26.36 -1.62 0.00 | 27.41 -1.78 0.00 | 29.44 -2.01 0.00 | 30.74 -1.62 0.00 | 31.06 -1.95 0.00 | 30.91 -2.08 0.00 | 29.63 -2.20 0.00 | 28.65 -2.19 0.00 | 28.06 -1.79 0.00 | 28.72 -1.83 0.00 | 29.12 -1.76 0.00 | 38.00 -1.92 0.00 | 43.60 -2.49 0.00 | 52.60 -2.65 0.00 | 53.17 -2.62 0.00 | 42.93 -1.98 0.00 | 35.54 -0.84 0.00 | 31.37 -0.45 0.00 |
| CE_DUNWOOD___DRP 24194 | 31.66 1.82 0.00 | 28.51 1.74 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.55 1.57 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.01 1.65 0.00 | 34.85 1.85 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.79 2.87 0.00 | 49.45 3.36 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| CE_MILLWOOD___DRP 24193 | 31.63 1.79 0.00 | 28.46 1.69 0.00 | 27.44 1.53 0.00 | 26.88 1.40 0.00 | 26.85 1.38 0.00 | 27.69 1.39 0.00 | 29.50 1.51 0.00 | 30.77 1.58 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.79 1.78 0.00 | 34.90 1.91 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.82 1.97 0.00 | 32.79 2.23 0.00 | 33.25 2.38 0.00 | 42.71 2.79 0.00 | 49.36 3.27 0.00 | 59.12 3.87 0.00 | 59.81 4.02 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.69 1.88 0.00 |
| CE_NYC2_DRP 24202 | 31.87 2.03 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.61 1.62 0.00 | 30.83 1.64 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.03 2.47 0.00 | 33.53 2.66 0.00 | 42.95 3.03 0.00 | 49.59 3.50 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.76 1.94 0.00 |
| CE_NYC_DRP 24195 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.68 3.59 0.00 | 59.40 4.14 0.00 | 60.09 4.30 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| CHAFFEE___LFGE 323603 | 28.23 -1.61 0.00 | 25.33 -1.45 0.00 | 24.28 -1.63 0.00 | 24.00 -1.48 0.00 | 23.92 -1.55 0.00 | 24.56 -1.74 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.09 -2.27 0.00 | 30.43 -2.57 0.00 | 30.32 -2.67 0.00 | 29.06 -2.77 0.00 | 28.10 -2.75 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.17 -2.75 0.00 | 42.54 -3.55 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.81 -3.10 0.00 | 34.78 -1.60 0.00 | 30.70 -1.11 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 29.30 -0.54 0.00 | 26.40 -0.37 0.00 | 25.57 -0.34 0.00 | 25.19 -0.28 0.00 | 25.27 -0.20 0.00 | 26.12 -0.18 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.46 0.00 0.00 | 32.26 -0.10 0.00 | 32.84 -0.17 0.00 | 32.82 -0.16 0.00 | 31.61 -0.22 0.00 | 30.60 -0.25 0.00 | 29.52 -0.33 0.00 | 30.22 -0.34 0.00 | 30.57 -0.31 0.00 | 39.64 -0.28 0.00 | 45.95 -0.14 0.00 | 54.92 -0.33 0.00 | 55.24 -0.56 0.00 | 44.51 -0.40 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| CHATEAUG_WT_PWR 323614 | 29.31 -0.54 0.00 | 26.37 -0.40 0.00 | 25.57 -0.34 0.00 | 25.17 -0.30 0.00 | 25.24 -0.23 0.00 | 26.09 -0.21 0.00 | 27.85 -0.14 0.00 | 29.08 -0.12 0.00 | 31.43 -0.03 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.60 -0.28 0.00 | 39.64 -0.28 0.00 | 45.86 -0.23 0.00 | 54.81 -0.44 0.00 | 55.18 -0.61 0.00 | 44.46 -0.45 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 29.30 -0.54 0.00 | 26.40 -0.37 0.00 | 25.57 -0.34 0.00 | 25.19 -0.28 0.00 | 25.27 -0.20 0.00 | 26.12 -0.18 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.46 0.00 0.00 | 32.26 -0.10 0.00 | 32.84 -0.17 0.00 | 32.82 -0.16 0.00 | 31.61 -0.22 0.00 | 30.60 -0.25 0.00 | 29.52 -0.33 0.00 | 30.22 -0.34 0.00 | 30.57 -0.31 0.00 | 39.64 -0.28 0.00 | 45.95 -0.14 0.00 | 54.92 -0.33 0.00 | 55.24 -0.56 0.00 | 44.51 -0.40 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| CHAUTAUQUA___LFGE 323629 | 28.44 -1.40 0.00 | 25.49 -1.28 0.00 | 24.46 -1.45 0.00 | 24.23 -1.25 0.00 | 24.20 -1.27 0.00 | 24.91 -1.39 0.00 | 26.23 -1.76 0.00 | 27.27 -1.93 0.00 | 29.25 -2.20 0.00 | 30.51 -1.84 0.00 | 30.82 -2.18 0.00 | 30.71 -2.28 0.00 | 29.47 -2.36 0.00 | 28.47 -2.37 0.00 | 27.91 -1.94 0.00 | 28.54 -2.02 0.00 | 28.93 -1.94 0.00 | 37.72 -2.20 0.00 | 43.23 -2.86 0.00 | 52.21 -3.04 0.00 | 52.73 -3.07 0.00 | 42.57 -2.34 0.00 | 35.29 -1.09 0.00 | 31.18 -0.64 0.00 |
| CHERRYST_13_KV_LD 356241 | 31.81 1.97 0.00 | 28.67 1.90 0.00 | 27.64 1.74 0.00 | 27.05 1.58 0.00 | 27.03 1.55 0.00 | 27.88 1.58 0.00 | 29.67 1.68 0.00 | 30.92 1.72 0.00 | 33.13 1.67 0.00 | 34.17 1.81 0.00 | 35.02 2.01 0.00 | 35.16 2.18 0.00 | 34.06 2.23 0.00 | 33.12 2.28 0.00 | 32.09 2.24 0.00 | 33.12 2.57 0.00 | 33.62 2.75 0.00 | 43.11 3.19 0.00 | 49.82 3.73 0.00 | 59.56 4.31 0.00 | 60.26 4.46 0.00 | 48.46 3.55 0.00 | 38.96 2.58 0.00 | 33.85 2.04 0.00 |

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| CHESTROR_138KV_BK263 355645 | 31.36 1.52 0.00 | 28.22 1.45 0.00 | 27.23 1.32 0.00 | 26.67 1.20 0.00 | 26.64 1.17 0.00 | 27.51 1.21 0.00 | 29.27 1.29 0.00 | 30.51 1.31 0.00 | 32.69 1.23 0.00 | 33.65 1.29 0.00 | 34.46 1.45 0.00 | 34.54 1.55 0.00 | 33.42 1.59 0.00 | 32.48 1.63 0.00 | 31.46 1.61 0.00 | 32.42 1.86 0.00 | 32.85 1.98 0.00 | 42.28 2.36 0.00 | 48.90 2.81 0.00 | 58.57 3.32 0.00 | 59.31 3.52 0.00 | 47.69 2.78 0.00 | 38.38 2.00 0.00 | 33.44 1.62 0.00 |
| CH_MIDHUDSON___DRP 24192 | 31.57 1.73 0.00 | 28.41 1.63 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.82 1.35 0.00 | 27.69 1.39 0.00 | 29.47 1.48 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.69 1.68 0.00 | 34.77 1.78 0.00 | 33.64 1.81 0.00 | 32.69 1.85 0.00 | 31.64 1.79 0.00 | 32.60 2.05 0.00 | 33.01 2.13 0.00 | 42.51 2.59 0.00 | 49.18 3.09 0.00 | 58.90 3.65 0.00 | 59.70 3.91 0.00 | 47.96 3.05 0.00 | 38.64 2.26 0.00 | 33.66 1.85 0.00 |
| CH_MISC_IPPS 23765 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.55 1.57 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.78 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.79 1.97 0.00 |
| CH_RES_BVR_FALLS 23983 | 29.60 -0.24 0.00 | 26.59 -0.19 0.00 | 25.75 -0.15 0.00 | 25.32 -0.15 0.00 | 25.35 -0.13 0.00 | 26.20 -0.10 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.40 -0.06 0.00 | 32.29 -0.06 0.00 | 32.94 -0.07 0.00 | 32.92 -0.07 0.00 | 31.73 -0.10 0.00 | 30.75 -0.09 0.00 | 29.76 -0.09 0.00 | 30.43 -0.12 0.00 | 30.78 -0.09 0.00 | 39.80 -0.12 0.00 | 46.00 -0.09 0.00 | 55.03 -0.22 0.00 | 55.52 -0.28 0.00 | 44.73 -0.18 0.00 | 36.20 -0.18 0.00 | 31.62 -0.19 0.00 |
| CH_RES_NIAGARA 23895 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| CH_RES_SYRACUSE 23985 | 29.87 0.03 0.00 | 26.80 0.03 0.00 | 25.88 -0.03 0.00 | 25.48 0.00 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.82 -0.16 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.21 0.00 | 39.76 -0.16 0.00 | 45.81 -0.27 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| CLINTON_WT_PWR 323605 | 29.31 -0.54 0.00 | 26.37 -0.40 0.00 | 25.57 -0.34 0.00 | 25.17 -0.30 0.00 | 25.24 -0.23 0.00 | 26.09 -0.21 0.00 | 27.85 -0.14 0.00 | 29.08 -0.12 0.00 | 31.43 -0.03 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.60 -0.28 0.00 | 39.64 -0.28 0.00 | 45.86 -0.23 0.00 | 54.81 -0.44 0.00 | 55.18 -0.61 0.00 | 44.46 -0.45 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| CLINTON___LFGE 323618 | 29.63 -0.21 0.00 | 26.67 -0.11 0.00 | 25.86 -0.05 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 28.24 0.25 0.00 | 29.49 0.29 0.00 | 31.87 0.41 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.28 0.30 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.20 0.28 0.00 | 46.60 0.51 0.00 | 55.64 0.39 0.00 | 56.02 0.22 0.00 | 45.14 0.23 0.00 | 36.38 0.00 0.00 | 31.62 -0.19 0.00 |
| COBBLENY_34_KV_TB1 80064 | 28.23 -1.61 0.00 | 24.90 -1.87 0.00 | 24.28 -1.63 0.00 | 23.69 -1.78 0.00 | 23.92 -1.55 0.00 | 24.70 -1.60 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.06 -2.77 0.00 | 28.06 -2.78 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.17 -2.75 0.00 | 42.54 -3.55 0.00 | 51.33 -3.92 0.00 | 51.83 -3.96 0.00 | 41.86 -3.05 0.00 | 34.63 -1.75 0.00 | 30.70 -1.11 0.00 |
| COFFEEN___115KV_TB3 355620 | 29.84 0.00 0.00 | 26.64 -0.13 0.00 | 25.83 -0.08 0.00 | 25.32 -0.15 0.00 | 25.50 0.03 0.00 | 26.46 0.16 0.00 | 28.24 0.25 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.39 0.03 0.00 | 32.80 -0.20 0.00 | 32.59 -0.40 0.00 | 31.35 -0.48 0.00 | 30.44 -0.40 0.00 | 29.37 -0.48 0.00 | 29.97 -0.58 0.00 | 30.32 -0.56 0.00 | 39.80 -0.12 0.00 | 46.55 0.46 0.00 | 56.80 1.55 0.00 | 58.03 2.23 0.00 | 46.57 1.66 0.00 | 37.47 1.09 0.00 | 32.45 0.64 0.00 |
| COLDSPRG_115KV_BK1 355956 | 28.53 -1.31 0.00 | 25.19 -1.58 0.00 | 24.56 -1.35 0.00 | 24.02 -1.45 0.00 | 24.27 -1.20 0.00 | 25.12 -1.18 0.00 | 26.36 -1.62 0.00 | 27.41 -1.78 0.00 | 29.41 -2.04 0.00 | 30.67 -1.68 0.00 | 31.02 -1.98 0.00 | 30.84 -2.14 0.00 | 29.60 -2.23 0.00 | 28.59 -2.25 0.00 | 28.03 -1.82 0.00 | 28.69 -1.86 0.00 | 29.12 -1.76 0.00 | 38.00 -1.92 0.00 | 43.60 -2.49 0.00 | 52.60 -2.65 0.00 | 53.17 -2.62 0.00 | 42.98 -1.93 0.00 | 35.29 -1.09 0.00 | 31.31 -0.51 0.00 |
| COLONIE_LFGE___ 323577 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.62 1.15 0.00 | 26.59 1.12 0.00 | 27.48 1.18 0.00 | 29.22 1.23 0.00 | 30.45 1.25 0.00 | 32.65 1.20 0.00 | 33.62 1.26 0.00 | 34.26 1.25 0.00 | 34.24 1.25 0.00 | 33.04 1.21 0.00 | 32.01 1.17 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.02 1.14 0.00 | 41.44 1.52 0.00 | 47.93 1.85 0.00 | 57.52 2.27 0.00 | 58.36 2.57 0.00 | 46.93 2.02 0.00 | 37.98 1.60 0.00 | 33.34 1.53 0.00 |
| COOPERNY_115KV_TB1 80082 | 31.12 1.28 0.00 | 27.98 1.20 0.00 | 27.00 1.09 0.00 | 26.47 0.99 0.00 | 26.44 0.97 0.00 | 27.30 1.00 0.00 | 29.05 1.06 0.00 | 30.28 1.08 0.00 | 32.50 1.04 0.00 | 33.46 1.10 0.00 | 34.22 1.22 0.00 | 34.27 1.29 0.00 | 33.17 1.34 0.00 | 32.20 1.36 0.00 | 31.19 1.34 0.00 | 32.11 1.56 0.00 | 32.51 1.64 0.00 | 41.88 1.96 0.00 | 48.39 2.30 0.00 | 58.02 2.76 0.00 | 58.75 2.96 0.00 | 47.25 2.34 0.00 | 38.09 1.71 0.00 | 33.18 1.37 0.00 |
| COPENHAGEN_WT_PWR 323753 | 29.69 -0.15 0.00 | 26.53 -0.24 0.00 | 25.73 -0.18 0.00 | 25.25 -0.23 0.00 | 25.37 -0.10 0.00 | 26.33 0.03 0.00 | 28.10 0.11 0.00 | 29.46 0.26 0.00 | 31.71 0.25 0.00 | 32.26 -0.10 0.00 | 32.71 -0.30 0.00 | 32.53 -0.46 0.00 | 31.32 -0.51 0.00 | 30.38 -0.46 0.00 | 29.34 -0.51 0.00 | 29.91 -0.64 0.00 | 30.26 -0.62 0.00 | 39.64 -0.28 0.00 | 46.27 0.19 0.00 | 56.30 1.05 0.00 | 57.47 1.67 0.00 | 46.17 1.26 0.00 | 37.22 0.84 0.00 | 32.26 0.45 0.00 |
| CORNELL_____ 23752 | 30.53 0.69 0.00 | 27.31 0.54 0.00 | 26.43 0.52 0.00 | 25.96 0.48 0.00 | 26.03 0.56 0.00 | 26.88 0.58 0.00 | 28.46 0.48 0.00 | 29.66 0.47 0.00 | 31.93 0.47 0.00 | 32.74 0.39 0.00 | 33.23 0.23 0.00 | 33.12 0.13 0.00 | 31.93 0.10 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.68 0.12 0.00 | 31.06 0.19 0.00 | 40.52 0.60 0.00 | 46.92 0.83 0.00 | 56.80 1.55 0.00 | 57.58 1.79 0.00 | 46.26 1.35 0.00 | 37.43 1.06 0.00 | 32.74 0.92 0.00 |

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| CORONA__69_KV_TB1 355595 | 32.23 2.39 0.00 | 28.86 2.09 0.00 | 27.83 1.92 0.00 | 27.13 1.66 0.00 | 27.23 1.76 0.00 | 28.11 1.81 0.00 | 29.95 1.96 0.00 | 31.33 2.13 0.00 | 33.44 1.98 0.00 | 34.49 2.14 0.00 | 38.05 2.44 -2.61 | 38.89 2.57 -3.33 | 39.89 2.61 -5.45 | 43.09 2.62 -9.63 | 40.30 2.57 -7.88 | 41.69 2.87 -8.27 | 47.17 3.00 -13.30 | 49.57 3.59 -6.06 | 51.53 4.19 -1.25 | 60.24 4.97 -0.01 | 61.10 5.13 -0.17 | 52.01 4.13 -2.97 | 42.04 3.13 -2.53 | 34.44 2.61 -0.01 |
| CORTLAND__115KV_TB3 80093 | 30.26 0.42 0.00 | 27.09 0.32 0.00 | 26.22 0.31 0.00 | 25.76 0.28 0.00 | 25.80 0.33 0.00 | 26.64 0.34 0.00 | 28.27 0.28 0.00 | 29.46 0.26 0.00 | 31.71 0.25 0.00 | 32.58 0.23 0.00 | 33.17 0.17 0.00 | 33.09 0.10 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.00 0.12 0.00 | 40.28 0.36 0.00 | 46.55 0.46 0.00 | 56.14 0.88 0.00 | 56.91 1.12 0.00 | 45.72 0.81 0.00 | 37.03 0.65 0.00 | 32.39 0.57 0.00 |
| COXSACKIE__GT 23611 | 31.90 2.06 0.00 | 28.67 1.90 0.00 | 27.75 1.84 0.00 | 27.28 1.81 0.00 | 27.20 1.73 0.00 | 28.11 1.81 0.00 | 29.86 1.88 0.00 | 30.89 1.69 0.00 | 32.94 1.48 0.00 | 33.68 1.33 0.00 | 34.16 1.15 0.00 | 34.11 1.12 0.00 | 32.91 1.08 0.00 | 31.86 1.02 0.00 | 30.78 0.93 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.64 1.72 0.00 | 48.48 2.40 0.00 | 58.68 3.43 0.00 | 59.81 4.02 0.00 | 47.79 2.88 0.00 | 38.67 2.29 0.00 | 33.91 2.10 0.00 |
| CPV_VALLEY__CC1 323721 | 31.19 1.34 0.00 | 27.95 1.18 0.00 | 27.05 1.14 0.00 | 26.52 1.04 0.00 | 26.49 1.02 0.00 | 27.35 1.05 0.00 | 29.08 1.09 0.00 | 30.33 1.14 0.00 | 32.53 1.07 0.00 | 33.49 1.13 0.00 | 34.29 1.29 0.00 | 34.34 1.35 0.00 | 33.26 1.43 0.00 | 32.29 1.45 0.00 | 31.28 1.43 0.00 | 32.23 1.68 0.00 | 32.67 1.79 0.00 | 41.99 2.07 0.00 | 48.57 2.49 0.00 | 58.12 2.87 0.00 | 58.86 3.07 0.00 | 47.38 2.47 0.00 | 38.20 1.82 0.00 | 33.25 1.43 0.00 |
| CPV_VALLEY__CC2 323722 | 31.19 1.34 0.00 | 27.95 1.18 0.00 | 27.05 1.14 0.00 | 26.52 1.04 0.00 | 26.49 1.02 0.00 | 27.35 1.05 0.00 | 29.08 1.09 0.00 | 30.33 1.14 0.00 | 32.53 1.07 0.00 | 33.49 1.13 0.00 | 34.29 1.29 0.00 | 34.34 1.35 0.00 | 33.26 1.43 0.00 | 32.29 1.45 0.00 | 31.28 1.43 0.00 | 32.23 1.68 0.00 | 32.67 1.79 0.00 | 41.99 2.07 0.00 | 48.57 2.49 0.00 | 58.12 2.87 0.00 | 58.86 3.07 0.00 | 47.38 2.47 0.00 | 38.20 1.82 0.00 | 33.25 1.43 0.00 |
| CRESCENT__HYD 24018 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.62 1.15 0.00 | 26.59 1.12 0.00 | 27.48 1.18 0.00 | 29.22 1.23 0.00 | 30.45 1.25 0.00 | 32.65 1.20 0.00 | 33.62 1.26 0.00 | 34.26 1.25 0.00 | 34.24 1.25 0.00 | 33.04 1.21 0.00 | 32.01 1.17 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.02 1.14 0.00 | 41.44 1.52 0.00 | 47.93 1.85 0.00 | 57.52 2.27 0.00 | 58.36 2.57 0.00 | 46.93 2.02 0.00 | 37.98 1.60 0.00 | 33.34 1.53 0.00 |
| CRICKET__VALLEY_CC1 323756 | 31.39 1.55 0.00 | 28.14 1.36 0.00 | 27.25 1.35 0.00 | 26.72 1.25 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.57 1.37 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.55 1.55 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.57 1.73 0.00 | 31.52 1.67 0.00 | 32.48 1.93 0.00 | 32.91 2.04 0.00 | 42.32 2.40 0.00 | 48.95 2.86 0.00 | 58.51 3.26 0.00 | 59.26 3.46 0.00 | 47.70 2.79 0.00 | 38.45 2.07 0.00 | 33.44 1.62 0.00 |
| CRICKET__VALLEY_CC2 323757 | 31.39 1.55 0.00 | 28.14 1.36 0.00 | 27.25 1.35 0.00 | 26.72 1.25 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.57 1.37 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.55 1.55 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.57 1.73 0.00 | 31.52 1.67 0.00 | 32.48 1.93 0.00 | 32.91 2.04 0.00 | 42.32 2.40 0.00 | 48.95 2.86 0.00 | 58.51 3.26 0.00 | 59.26 3.46 0.00 | 47.70 2.79 0.00 | 38.45 2.07 0.00 | 33.44 1.62 0.00 |
| CRICKET__VALLEY_CC3 323758 | 31.39 1.55 0.00 | 28.14 1.36 0.00 | 27.25 1.35 0.00 | 26.72 1.25 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.57 1.37 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.55 1.55 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.57 1.73 0.00 | 31.52 1.67 0.00 | 32.48 1.93 0.00 | 32.91 2.04 0.00 | 42.32 2.40 0.00 | 48.95 2.86 0.00 | 58.51 3.26 0.00 | 59.26 3.46 0.00 | 47.70 2.79 0.00 | 38.45 2.07 0.00 | 33.44 1.62 0.00 |
| CRUCIBLE_METL_DRP 24180 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| DAHOWA__HYDRO 323763 | 31.66 1.82 0.00 | 28.38 1.61 0.00 | 27.49 1.58 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.88 1.58 0.00 | 29.64 1.65 0.00 | 30.83 1.63 0.00 | 33.06 1.60 0.00 | 34.04 1.68 0.00 | 34.55 1.55 0.00 | 34.47 1.49 0.00 | 33.20 1.37 0.00 | 32.04 1.20 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.20 1.33 0.00 | 41.84 1.92 0.00 | 48.57 2.49 0.00 | 58.57 3.31 0.00 | 59.53 3.74 0.00 | 47.83 2.92 0.00 | 38.67 2.29 0.00 | 33.82 2.01 0.00 |
| DANC__LFGE 323619 | 29.63 -0.21 0.00 | 26.51 -0.27 0.00 | 25.65 -0.26 0.00 | 25.20 -0.28 0.00 | 25.29 -0.18 0.00 | 26.20 -0.10 0.00 | 27.90 -0.08 0.00 | 29.20 0.00 0.00 | 31.43 -0.03 0.00 | 32.10 -0.26 0.00 | 32.61 -0.39 0.00 | 32.49 -0.49 0.00 | 31.29 -0.54 0.00 | 30.35 -0.49 0.00 | 29.31 -0.54 0.00 | 29.91 -0.64 0.00 | 30.23 -0.65 0.00 | 39.40 -0.52 0.00 | 45.81 -0.27 0.00 | 55.53 0.28 0.00 | 56.52 0.72 0.00 | 45.45 0.54 0.00 | 36.71 0.33 0.00 | 31.94 0.13 0.00 |
| DANSKAMMER__1 23586 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.55 1.57 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.78 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.79 1.97 0.00 |
| DANSKAMMER__2 23589 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.55 1.57 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.78 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.79 1.97 0.00 |
| DANSKAMMER__3 23590 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.55 1.57 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.78 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.79 1.97 0.00 |

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| DANSKAMMER___4 23591 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.55 1.57 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.78 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.85 2.48 0.00 | 33.79 1.97 0.00 |
| DANSKAMMER___DIESEL 23592 | 31.69 1.85 0.00 | 28.51 1.74 0.00 | 27.51 1.61 0.00 | 26.95 1.48 0.00 | 26.90 1.43 0.00 | 27.77 1.47 0.00 | 29.55 1.57 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.79 1.78 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.78 1.94 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.13 2.25 0.00 | 42.67 2.75 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 60.09 4.30 0.00 | 48.23 3.32 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| DARBY___SOLAR 323810 | 31.54 1.70 0.00 | 28.30 1.53 0.00 | 27.41 1.50 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.77 1.47 0.00 | 29.53 1.54 0.00 | 30.74 1.55 0.00 | 32.97 1.51 0.00 | 33.94 1.59 0.00 | 34.45 1.45 0.00 | 34.40 1.42 0.00 | 33.14 1.31 0.00 | 31.98 1.14 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.14 1.27 0.00 | 41.72 1.80 0.00 | 48.44 2.35 0.00 | 58.40 3.15 0.00 | 59.26 3.46 0.00 | 47.60 2.69 0.00 | 38.53 2.15 0.00 | 33.69 1.88 0.00 |
| DASHVILLE___HYD 23610 | 31.51 1.67 0.00 | 28.35 1.58 0.00 | 27.36 1.45 0.00 | 26.83 1.35 0.00 | 26.77 1.30 0.00 | 27.61 1.31 0.00 | 29.39 1.40 0.00 | 30.54 1.34 0.00 | 32.72 1.26 0.00 | 33.65 1.29 0.00 | 34.42 1.42 0.00 | 34.50 1.52 0.00 | 33.39 1.56 0.00 | 32.41 1.57 0.00 | 31.37 1.52 0.00 | 32.33 1.77 0.00 | 32.76 1.88 0.00 | 42.24 2.32 0.00 | 48.90 2.81 0.00 | 58.62 3.37 0.00 | 59.48 3.68 0.00 | 47.78 2.87 0.00 | 38.53 2.15 0.00 | 33.60 1.78 0.00 |
| DELAWARE___LFGE 323621 | 30.95 1.10 0.00 | 27.74 0.96 0.00 | 26.82 0.91 0.00 | 26.34 0.87 0.00 | 26.31 0.84 0.00 | 27.17 0.87 0.00 | 28.86 0.87 0.00 | 30.10 0.91 0.00 | 32.37 0.91 0.00 | 33.33 0.97 0.00 | 34.03 1.02 0.00 | 34.01 1.02 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.96 0.00 | 31.59 1.04 0.00 | 31.93 1.05 0.00 | 41.32 1.40 0.00 | 47.79 1.71 0.00 | 57.41 2.15 0.00 | 58.14 2.34 0.00 | 46.80 1.89 0.00 | 37.80 1.42 0.00 | 32.99 1.18 0.00 |
| DERFIELD_115KV_TB7 355931 | 30.02 0.18 0.00 | 26.93 0.16 0.00 | 26.06 0.16 0.00 | 25.63 0.15 0.00 | 25.62 0.15 0.00 | 26.46 0.16 0.00 | 28.16 0.17 0.00 | 29.37 0.18 0.00 | 31.62 0.16 0.00 | 32.52 0.16 0.00 | 33.17 0.17 0.00 | 33.15 0.16 0.00 | 31.99 0.16 0.00 | 31.00 0.15 0.00 | 30.00 0.15 0.00 | 30.74 0.18 0.00 | 31.03 0.15 0.00 | 40.12 0.20 0.00 | 46.32 0.23 0.00 | 55.58 0.33 0.00 | 56.19 0.39 0.00 | 45.22 0.31 0.00 | 36.63 0.25 0.00 | 32.04 0.22 0.00 |
| DOGLEVILLE___HYD 23807 | 30.23 0.39 0.00 | 27.23 0.46 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.36 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.46 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 28.44 -1.40 0.00 | 25.09 -1.69 0.00 | 24.46 -1.45 0.00 | 23.95 -1.53 0.00 | 24.20 -1.27 0.00 | 25.01 -1.29 0.00 | 26.22 -1.76 0.00 | 27.24 -1.96 0.00 | 29.26 -2.20 0.00 | 30.45 -1.91 0.00 | 30.82 -2.18 0.00 | 30.64 -2.34 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.88 -1.97 0.00 | 28.51 -2.05 0.00 | 28.90 -1.98 0.00 | 37.68 -2.24 0.00 | 43.23 -2.86 0.00 | 52.16 -3.09 0.00 | 52.67 -3.12 0.00 | 42.57 -2.34 0.00 | 35.11 -1.27 0.00 | 31.15 -0.67 0.00 |
| DUNKIRK___1 23563 | 28.44 -1.40 0.00 | 25.09 -1.69 0.00 | 24.46 -1.45 0.00 | 23.95 -1.53 0.00 | 24.20 -1.27 0.00 | 25.01 -1.29 0.00 | 26.22 -1.76 0.00 | 27.24 -1.96 0.00 | 29.26 -2.20 0.00 | 30.45 -1.91 0.00 | 30.82 -2.18 0.00 | 30.64 -2.34 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.88 -1.97 0.00 | 28.51 -2.05 0.00 | 28.90 -1.98 0.00 | 37.68 -2.24 0.00 | 43.23 -2.86 0.00 | 52.16 -3.09 0.00 | 52.67 -3.12 0.00 | 42.57 -2.34 0.00 | 35.11 -1.27 0.00 | 31.15 -0.67 0.00 |
| DUNKIRK___2 23564 | 28.44 -1.40 0.00 | 25.09 -1.69 0.00 | 24.46 -1.45 0.00 | 23.95 -1.53 0.00 | 24.20 -1.27 0.00 | 25.01 -1.29 0.00 | 26.22 -1.76 0.00 | 27.24 -1.96 0.00 | 29.26 -2.20 0.00 | 30.45 -1.91 0.00 | 30.82 -2.18 0.00 | 30.64 -2.34 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.88 -1.97 0.00 | 28.51 -2.05 0.00 | 28.90 -1.98 0.00 | 37.68 -2.24 0.00 | 43.23 -2.86 0.00 | 52.16 -3.09 0.00 | 52.67 -3.12 0.00 | 42.57 -2.34 0.00 | 35.11 -1.27 0.00 | 31.15 -0.67 0.00 |
| DUNKIRK___3 23565 | 28.38 -1.46 0.00 | 25.03 -1.74 0.00 | 24.41 -1.50 0.00 | 23.87 -1.60 0.00 | 24.10 -1.38 0.00 | 24.88 -1.42 0.00 | 26.08 -1.90 0.00 | 27.09 -2.10 0.00 | 29.10 -2.36 0.00 | 30.28 -2.07 0.00 | 30.66 -2.34 0.00 | 30.48 -2.51 0.00 | 29.28 -2.55 0.00 | 28.31 -2.53 0.00 | 27.76 -2.09 0.00 | 28.38 -2.17 0.00 | 28.75 -2.13 0.00 | 37.48 -2.44 0.00 | 42.95 -3.13 0.00 | 51.83 -3.43 0.00 | 52.34 -3.46 0.00 | 42.31 -2.60 0.00 | 34.89 -1.49 0.00 | 30.96 -0.86 0.00 |
| DUNKIRK___4 23566 | 28.38 -1.46 0.00 | 25.03 -1.74 0.00 | 24.41 -1.50 0.00 | 23.87 -1.60 0.00 | 24.10 -1.38 0.00 | 24.88 -1.42 0.00 | 26.08 -1.90 0.00 | 27.09 -2.10 0.00 | 29.10 -2.36 0.00 | 30.28 -2.07 0.00 | 30.66 -2.34 0.00 | 30.48 -2.51 0.00 | 29.28 -2.55 0.00 | 28.31 -2.53 0.00 | 27.76 -2.09 0.00 | 28.38 -2.17 0.00 | 28.75 -2.13 0.00 | 37.48 -2.44 0.00 | 42.95 -3.13 0.00 | 51.83 -3.43 0.00 | 52.34 -3.46 0.00 | 42.31 -2.60 0.00 | 34.89 -1.49 0.00 | 30.96 -0.86 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 31.72 1.88 0.00 | 28.57 1.79 0.00 | 27.54 1.63 0.00 | 26.95 1.48 0.00 | 26.92 1.45 0.00 | 27.80 1.50 0.00 | 29.61 1.62 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.91 2.99 0.00 | 49.59 3.50 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 31.51 1.67 0.00 | 28.35 1.58 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.63 1.43 0.00 | 32.84 1.38 0.00 | 33.81 1.46 0.00 | 34.59 1.58 0.00 | 34.70 1.72 0.00 | 33.58 1.75 0.00 | 32.60 1.76 0.00 | 31.58 1.73 0.00 | 32.54 1.99 0.00 | 33.01 2.13 0.00 | 42.47 2.55 0.00 | 49.13 3.04 0.00 | 58.90 3.65 0.00 | 59.70 3.91 0.00 | 47.96 3.05 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 31.93 2.09 0.00 | 28.86 2.09 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.80 1.97 0.00 | 32.88 2.04 0.00 | 31.88 2.03 0.00 | 32.91 2.35 0.00 | 33.41 2.53 0.00 | 42.79 2.87 0.00 | 49.41 3.32 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.63 1.81 0.00 |

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| E179THST_13_KV_LOAD 356214 | 32.05 2.21 0.00 | 28.94 2.17 0.00 | 27.90 1.99 0.00 | 27.31 1.83 0.00 | 27.25 1.78 0.00 | 27.90 1.60 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.53 2.66 0.00 | 42.95 3.03 0.00 | 49.59 3.50 0.00 | 59.51 4.25 0.00 | 60.20 4.41 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.76 1.94 0.00 |
| EAST HAMPTON___GT 23717 | 32.32 2.48 0.00 | 28.83 2.06 0.00 | 28.16 2.25 0.00 | 27.74 2.27 0.00 | 27.77 2.29 0.00 | 28.82 2.53 0.00 | 30.90 2.91 0.00 | 32.47 3.27 0.00 | 34.51 3.05 0.00 | 35.40 3.04 0.00 | 39.01 3.40 -2.61 | 39.85 3.53 -3.33 | 40.78 3.50 -5.45 | 43.93 3.45 -9.63 | 41.31 3.58 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.33 5.35 -6.06 | 53.70 6.36 -1.25 | 62.72 7.46 -0.01 | 63.27 7.31 -0.17 | 53.76 5.88 -2.97 | 43.50 4.58 -2.54 | 35.61 3.78 -0.01 |
| EAST RIVER___6 23660 | 31.57 1.73 0.00 | 28.33 1.55 0.00 | 27.44 1.53 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.69 1.39 0.00 | 29.44 1.45 0.00 | 30.68 1.49 0.00 | 32.88 1.42 0.00 | 33.91 1.55 0.00 | 34.78 1.78 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.91 2.06 0.00 | 32.97 2.41 0.00 | 33.44 2.56 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.28 4.03 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.78 2.40 0.00 | 33.63 1.81 0.00 |
| EAST RIVER___7 23524 | 31.57 1.73 0.00 | 28.33 1.55 0.00 | 27.44 1.53 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.69 1.39 0.00 | 29.44 1.45 0.00 | 30.68 1.49 0.00 | 32.88 1.42 0.00 | 33.91 1.55 0.00 | 34.78 1.78 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.91 2.06 0.00 | 32.97 2.41 0.00 | 33.44 2.56 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.28 4.03 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.78 2.40 0.00 | 33.63 1.81 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 31.66 1.82 0.00 | 28.51 1.74 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.55 1.57 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.01 1.65 0.00 | 34.85 1.85 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.79 2.87 0.00 | 49.45 3.36 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 32.26 2.42 0.00 | 28.78 2.01 0.00 | 28.14 2.23 0.00 | 27.72 2.24 0.00 | 27.77 2.29 0.00 | 28.82 2.53 0.00 | 30.87 2.88 0.00 | 32.47 3.27 0.00 | 34.51 3.05 0.00 | 35.36 3.01 0.00 | 38.98 3.37 -2.61 | 39.82 3.50 -3.33 | 40.78 3.50 -5.45 | 43.90 3.42 -9.63 | 41.31 3.58 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.33 5.35 -6.06 | 53.70 6.36 -1.25 | 62.72 7.46 -0.01 | 63.22 7.25 -0.17 | 53.76 5.88 -2.97 | 43.46 4.55 -2.54 | 35.61 3.78 -0.01 |
| EAST_POINT___SOLAR 323840 | 31.69 1.85 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 27.00 1.53 0.00 | 27.00 1.53 0.00 | 28.01 1.71 0.00 | 29.75 1.76 0.00 | 30.74 1.55 0.00 | 32.81 1.35 0.00 | 33.36 1.00 0.00 | 33.76 0.76 0.00 | 33.81 0.83 0.00 | 32.69 0.86 0.00 | 31.52 0.68 0.00 | 30.24 0.39 0.00 | 30.80 0.24 0.00 | 31.06 0.19 0.00 | 40.76 0.84 0.00 | 47.93 1.85 0.00 | 58.84 3.59 0.00 | 59.92 4.13 0.00 | 48.05 3.14 0.00 | 38.89 2.51 0.00 | 33.82 2.01 0.00 |
| EAST_PULASKI___ESR 323781 | 29.60 -0.24 0.00 | 26.51 -0.27 0.00 | 25.62 -0.28 0.00 | 25.20 -0.28 0.00 | 25.24 -0.23 0.00 | 26.09 -0.21 0.00 | 27.76 -0.22 0.00 | 28.99 -0.20 0.00 | 31.21 -0.25 0.00 | 32.00 -0.36 0.00 | 32.57 -0.43 0.00 | 32.46 -0.53 0.00 | 31.32 -0.51 0.00 | 30.35 -0.49 0.00 | 29.37 -0.48 0.00 | 29.94 -0.61 0.00 | 30.26 -0.62 0.00 | 39.28 -0.64 0.00 | 45.44 -0.65 0.00 | 54.87 -0.38 0.00 | 55.74 -0.06 0.00 | 44.82 -0.09 0.00 | 36.27 -0.11 0.00 | 31.69 -0.13 0.00 |
| EAST_RIVER___1 323558 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.82 1.52 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| EAST_RIVER___2 323559 | 31.57 1.73 0.00 | 28.33 1.55 0.00 | 27.44 1.53 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.69 1.39 0.00 | 29.44 1.45 0.00 | 30.68 1.49 0.00 | 32.88 1.42 0.00 | 33.91 1.55 0.00 | 34.78 1.78 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.91 2.06 0.00 | 32.97 2.41 0.00 | 33.44 2.56 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.28 4.03 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.78 2.40 0.00 | 33.63 1.81 0.00 |
| EAST___DELAWARE_HYD 23607 | 31.36 1.52 0.00 | 28.14 1.36 0.00 | 27.23 1.32 0.00 | 26.67 1.20 0.00 | 26.64 1.17 0.00 | 27.51 1.21 0.00 | 29.28 1.29 0.00 | 30.45 1.25 0.00 | 32.68 1.23 0.00 | 33.58 1.23 0.00 | 34.36 1.35 0.00 | 34.44 1.45 0.00 | 33.29 1.46 0.00 | 32.35 1.51 0.00 | 31.28 1.43 0.00 | 32.23 1.68 0.00 | 32.70 1.82 0.00 | 42.19 2.27 0.00 | 48.95 2.86 0.00 | 58.79 3.54 0.00 | 59.70 3.90 0.00 | 47.87 2.96 0.00 | 38.53 2.15 0.00 | 33.50 1.69 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 29.21 -0.63 0.00 | 26.26 -0.51 0.00 | 25.31 -0.59 0.00 | 25.04 -0.43 0.00 | 25.12 -0.36 0.00 | 25.91 -0.39 0.00 | 27.26 -0.73 0.00 | 28.23 -0.96 0.00 | 30.26 -1.20 0.00 | 31.19 -1.16 0.00 | 31.62 -1.38 0.00 | 31.54 -1.45 0.00 | 30.33 -1.50 0.00 | 29.30 -1.54 0.00 | 28.62 -1.23 0.00 | 29.27 -1.28 0.00 | 29.67 -1.20 0.00 | 39.00 -0.92 0.00 | 45.12 -0.97 0.00 | 54.98 -0.27 0.00 | 55.85 0.06 0.00 | 44.87 -0.04 0.00 | 36.82 0.44 0.00 | 32.32 0.51 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 29.75 -0.09 0.00 | 26.64 -0.13 0.00 | 25.78 -0.13 0.00 | 25.32 -0.15 0.00 | 25.37 -0.10 0.00 | 26.17 -0.13 0.00 | 27.76 -0.22 0.00 | 28.96 -0.23 0.00 | 31.18 -0.28 0.00 | 32.06 -0.29 0.00 | 32.67 -0.33 0.00 | 32.62 -0.36 0.00 | 31.45 -0.38 0.00 | 30.47 -0.37 0.00 | 29.55 -0.30 0.00 | 30.16 -0.40 0.00 | 30.51 -0.37 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.92 -0.33 0.00 | 55.57 -0.22 0.00 | 44.69 -0.22 0.00 | 36.23 -0.15 0.00 | 31.75 -0.06 0.00 |
| ELEC_TRO_TEK 24086 | 32.11 2.27 0.00 | 28.78 2.01 0.00 | 27.75 1.84 0.00 | 27.03 1.55 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.27 2.07 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.96 2.34 -2.61 | 38.80 2.47 -3.33 | 39.76 2.48 -5.45 | 42.97 2.50 -9.63 | 40.21 2.48 -7.88 | 41.60 2.78 -8.27 | 47.11 2.93 -13.30 | 49.45 3.47 -6.06 | 51.44 4.10 -1.25 | 60.08 4.81 -0.01 | 60.93 4.97 -0.17 | 51.83 3.95 -2.97 | 41.93 3.02 -2.53 | 34.31 2.48 -0.01 |
| ELLENBURG_WT_PWR 323604 | 29.31 -0.54 0.00 | 26.37 -0.40 0.00 | 25.57 -0.34 0.00 | 25.17 -0.30 0.00 | 25.24 -0.23 0.00 | 26.09 -0.21 0.00 | 27.85 -0.14 0.00 | 29.08 -0.12 0.00 | 31.43 -0.03 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.60 -0.28 0.00 | 39.64 -0.28 0.00 | 45.86 -0.23 0.00 | 54.81 -0.44 0.00 | 55.18 -0.61 0.00 | 44.46 -0.45 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 28.17 -1.67 0.00 | 24.82 -1.95 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.62 -1.68 0.00 | 25.78 -2.21 0.00 | 26.80 -2.39 0.00 | 28.82 -2.64 0.00 | 29.96 -2.39 0.00 | 30.33 -2.67 0.00 | 30.18 -2.80 0.00 | 28.97 -2.86 0.00 | 28.00 -2.84 0.00 | 27.43 -2.42 0.00 | 28.05 -2.51 0.00 | 28.38 -2.50 0.00 | 36.97 -2.95 0.00 | 42.31 -3.78 0.00 | 51.05 -4.20 0.00 | 51.50 -4.30 0.00 | 41.63 -3.28 0.00 | 34.49 -1.89 0.00 | 30.61 -1.21 0.00 |
| EMPIRE_CC_1 323656 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.65 1.17 0.00 | 26.57 1.09 0.00 | 27.46 1.16 0.00 | 29.19 1.20 0.00 | 30.42 1.23 0.00 | 32.59 1.13 0.00 | 33.55 1.20 0.00 | 34.26 1.25 0.00 | 34.27 1.29 0.00 | 33.10 1.27 0.00 | 32.08 1.23 0.00 | 31.01 1.16 0.00 | 31.84 1.28 0.00 | 31.74 0.86 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.53 1.27 0.00 | 57.30 1.51 0.00 | 46.17 1.26 0.00 | 37.44 1.06 0.00 | 33.18 1.37 0.00 |
| EMPIRE_CC_2 323658 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.65 1.17 0.00 | 26.57 1.09 0.00 | 27.46 1.16 0.00 | 29.19 1.20 0.00 | 30.42 1.23 0.00 | 32.59 1.13 0.00 | 33.55 1.20 0.00 | 34.26 1.25 0.00 | 34.27 1.29 0.00 | 33.10 1.27 0.00 | 32.08 1.23 0.00 | 31.01 1.16 0.00 | 31.84 1.28 0.00 | 31.74 0.86 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.53 1.27 0.00 | 57.30 1.51 0.00 | 46.17 1.26 0.00 | 37.44 1.06 0.00 | 33.18 1.37 0.00 |
| ENORWICH_115KV_TB1 80156 | 31.69 1.85 0.00 | 28.27 1.50 0.00 | 27.41 1.50 0.00 | 26.88 1.40 0.00 | 27.00 1.53 0.00 | 27.90 1.60 0.00 | 29.41 1.43 0.00 | 30.71 1.52 0.00 | 33.13 1.67 0.00 | 33.88 1.52 0.00 | 34.36 1.35 0.00 | 34.11 1.12 0.00 | 32.75 0.92 0.00 | 31.74 0.89 0.00 | 30.66 0.81 0.00 | 31.35 0.79 0.00 | 31.80 0.93 0.00 | 41.84 1.92 0.00 | 48.81 2.72 0.00 | 59.40 4.14 0.00 | 60.59 4.80 0.00 | 48.64 3.73 0.00 | 39.14 2.76 0.00 | 34.04 2.23 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.15 -1.76 0.00 | 23.59 -1.89 0.00 | 23.82 -1.66 0.00 | 24.59 -1.71 0.00 | 25.78 -2.21 0.00 | 26.77 -2.42 0.00 | 28.75 -2.71 0.00 | 29.93 -2.43 0.00 | 30.30 -2.71 0.00 | 30.15 -2.84 0.00 | 28.93 -2.90 0.00 | 27.97 -2.87 0.00 | 27.43 -2.42 0.00 | 28.05 -2.51 0.00 | 28.44 -2.44 0.00 | 37.09 -2.83 0.00 | 42.45 -3.64 0.00 | 51.22 -4.03 0.00 | 51.72 -4.07 0.00 | 41.77 -3.14 0.00 | 34.49 -1.89 0.00 | 30.57 -1.24 0.00 |
| ERIE_WT_PWR 323693 | 28.23 -1.61 0.00 | 25.35 -1.42 0.00 | 24.28 -1.63 0.00 | 24.02 -1.45 0.00 | 23.94 -1.53 0.00 | 24.59 -1.71 0.00 | 25.86 -2.13 0.00 | 26.92 -2.28 0.00 | 28.88 -2.58 0.00 | 30.09 -2.27 0.00 | 30.43 -2.57 0.00 | 30.32 -2.67 0.00 | 29.06 -2.77 0.00 | 28.10 -2.75 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.12 -2.80 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.81 -3.10 0.00 | 34.78 -1.60 0.00 | 30.73 -1.08 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 31.12 1.28 0.00 | 27.87 1.10 0.00 | 26.97 1.06 0.00 | 26.47 0.99 0.00 | 26.47 0.99 0.00 | 27.38 1.08 0.00 | 29.08 1.09 0.00 | 30.28 1.08 0.00 | 32.53 1.07 0.00 | 33.36 1.00 0.00 | 33.93 0.92 0.00 | 33.88 0.89 0.00 | 32.66 0.83 0.00 | 31.61 0.77 0.00 | 30.54 0.69 0.00 | 31.23 0.67 0.00 | 31.56 0.68 0.00 | 41.08 1.16 0.00 | 47.84 1.75 0.00 | 57.91 2.65 0.00 | 58.81 3.01 0.00 | 47.25 2.34 0.00 | 38.16 1.78 0.00 | 33.21 1.40 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 30.50 0.66 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.44 0.45 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.68 0.32 0.00 | 33.23 0.23 0.00 | 33.09 0.10 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.03 0.15 0.00 | 40.44 0.52 0.00 | 46.83 0.74 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.12 1.21 0.00 | 37.33 0.95 0.00 | 32.64 0.83 0.00 |
| ETNA____115KV_TB2 80207 | 30.50 0.66 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.44 0.45 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.68 0.32 0.00 | 33.23 0.23 0.00 | 33.09 0.10 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.03 0.15 0.00 | 40.44 0.52 0.00 | 46.83 0.74 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.12 1.21 0.00 | 37.33 0.95 0.00 | 32.64 0.83 0.00 |
| EUCLID___115KV_TB2 356179 | 29.57 -0.27 0.00 | 26.48 -0.29 0.00 | 25.62 -0.28 0.00 | 25.17 -0.31 0.00 | 25.22 -0.25 0.00 | 26.01 -0.29 0.00 | 27.62 -0.36 0.00 | 28.85 -0.35 0.00 | 31.05 -0.41 0.00 | 31.93 -0.42 0.00 | 32.54 -0.46 0.00 | 32.49 -0.49 0.00 | 31.35 -0.48 0.00 | 30.38 -0.46 0.00 | 29.43 -0.42 0.00 | 30.07 -0.49 0.00 | 30.38 -0.49 0.00 | 39.32 -0.60 0.00 | 45.30 -0.78 0.00 | 54.54 -0.72 0.00 | 55.18 -0.61 0.00 | 44.37 -0.54 0.00 | 35.98 -0.40 0.00 | 31.53 -0.29 0.00 |
| E_CANADA_CAP_HY 24051 | 31.30 1.46 0.00 | 28.06 1.29 0.00 | 27.18 1.27 0.00 | 26.67 1.20 0.00 | 26.67 1.20 0.00 | 27.61 1.31 0.00 | 29.33 1.34 0.00 | 30.42 1.23 0.00 | 32.56 1.10 0.00 | 33.29 0.94 0.00 | 33.79 0.79 0.00 | 33.75 0.76 0.00 | 32.53 0.70 0.00 | 31.43 0.58 0.00 | 30.30 0.45 0.00 | 30.92 0.37 0.00 | 31.25 0.37 0.00 | 40.80 0.88 0.00 | 47.74 1.66 0.00 | 58.07 2.82 0.00 | 59.03 3.23 0.00 | 47.38 2.47 0.00 | 38.38 2.00 0.00 | 33.44 1.62 0.00 |
| E_CANADA_MHWK_HY 24050 | 30.23 0.39 0.00 | 27.23 0.45 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.37 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.45 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.27 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.07 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| E_FISHKILL___LBMP 23776 | 31.45 1.61 0.00 | 28.30 1.53 0.00 | 27.31 1.40 0.00 | 26.75 1.27 0.00 | 26.72 1.25 0.00 | 27.59 1.29 0.00 | 29.36 1.37 0.00 | 30.60 1.40 0.00 | 32.81 1.35 0.00 | 33.78 1.42 0.00 | 34.59 1.58 0.00 | 34.67 1.68 0.00 | 33.58 1.75 0.00 | 32.60 1.76 0.00 | 31.58 1.73 0.00 | 32.54 1.99 0.00 | 32.98 2.10 0.00 | 42.40 2.48 0.00 | 48.99 2.90 0.00 | 58.68 3.43 0.00 | 59.37 3.57 0.00 | 47.78 2.87 0.00 | 38.49 2.11 0.00 | 33.50 1.69 0.00 |
| FALCON___SEABRD_CC1 323796 | 29.60 -0.24 0.00 | 26.61 -0.16 0.00 | 25.83 -0.08 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.35 0.05 0.00 | 28.18 0.20 0.00 | 29.43 0.23 0.00 | 31.81 0.35 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.25 0.26 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.12 0.20 0.00 | 46.45 0.37 0.00 | 55.48 0.22 0.00 | 55.85 0.06 0.00 | 45.00 0.09 0.00 | 36.31 -0.07 0.00 | 31.59 -0.22 0.00 |
| FALCON___SEABRD_CC2 323797 | 29.60 -0.24 0.00 | 26.61 -0.16 0.00 | 25.83 -0.08 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.35 0.05 0.00 | 28.18 0.20 0.00 | 29.43 0.23 0.00 | 31.81 0.35 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.25 0.26 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.12 0.20 0.00 | 46.45 0.37 0.00 | 55.48 0.22 0.00 | 55.85 0.06 0.00 | 45.00 0.09 0.00 | 36.31 -0.07 0.00 | 31.59 -0.22 0.00 |

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| FAR ROCKAWAY___4 23548 | 32.47 2.63 0.00 | 29.08 2.30 0.00 | 28.03 2.12 0.00 | 27.28 1.81 0.00 | 27.41 1.94 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.56 2.36 0.00 | 33.66 2.20 0.00 | 34.75 2.39 0.00 | 38.32 2.71 -2.61 | 39.16 2.84 -3.33 | 40.14 2.86 -5.45 | 43.37 2.90 -9.63 | 40.54 2.81 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.68 5.41 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.33 3.42 -2.53 | 34.69 2.86 -0.01 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.10 1.75 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.99 2.16 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 27.00 1.53 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.10 1.75 0.00 | 34.95 1.95 0.00 | 35.07 2.08 0.00 | 33.99 2.16 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.15 4.35 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 31.75 1.91 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.68 3.59 0.00 | 59.40 4.14 0.00 | 60.09 4.30 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| FARRAGUT___LBMP 323566 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.07 1.71 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| FARRCKWY_69_KV_BK2 55825 | 32.47 2.63 0.00 | 29.08 2.30 0.00 | 28.03 2.12 0.00 | 27.28 1.81 0.00 | 27.41 1.94 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.56 2.36 0.00 | 33.66 2.20 0.00 | 34.75 2.39 0.00 | 38.32 2.71 -2.61 | 39.16 2.84 -3.33 | 40.14 2.86 -5.45 | 43.37 2.90 -9.63 | 40.54 2.81 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.68 5.41 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.33 3.42 -2.53 | 34.69 2.86 -0.01 |
| FENNER___WINDPWR 24204 | 30.35 0.51 0.00 | 27.18 0.40 0.00 | 26.30 0.39 0.00 | 25.83 0.36 0.00 | 25.88 0.41 0.00 | 26.75 0.45 0.00 | 28.41 0.42 0.00 | 29.66 0.47 0.00 | 31.96 0.50 0.00 | 32.81 0.45 0.00 | 33.40 0.40 0.00 | 33.28 0.30 0.00 | 32.08 0.25 0.00 | 31.12 0.28 0.00 | 30.12 0.27 0.00 | 30.80 0.24 0.00 | 31.12 0.25 0.00 | 40.48 0.56 0.00 | 46.82 0.74 0.00 | 56.53 1.27 0.00 | 57.36 1.56 0.00 | 46.08 1.17 0.00 | 37.29 0.91 0.00 | 32.51 0.70 0.00 |
| FIBERTEK___ENERGY 23856 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| FITZPATRICK___ 23598 | 29.19 -0.66 0.00 | 26.18 -0.59 0.00 | 25.29 -0.62 0.00 | 24.89 -0.58 0.00 | 24.89 -0.58 0.00 | 25.67 -0.63 0.00 | 27.29 -0.70 0.00 | 28.50 -0.70 0.00 | 30.64 -0.82 0.00 | 31.55 -0.81 0.00 | 32.14 -0.86 0.00 | 32.10 -0.89 0.00 | 30.97 -0.86 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.67 -0.89 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.66 -1.43 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.05 -0.76 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 31.72 1.88 0.00 | 28.57 1.79 0.00 | 27.54 1.63 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.83 1.64 0.00 | 33.06 1.60 0.00 | 34.04 1.68 0.00 | 34.82 1.82 0.00 | 34.93 1.95 0.00 | 33.80 1.97 0.00 | 32.85 2.00 0.00 | 31.76 1.91 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.75 2.83 0.00 | 49.50 3.41 0.00 | 59.34 4.09 0.00 | 60.20 4.41 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.85 2.04 0.00 |
| FORT ORANGE___ 23900 | 31.07 1.22 0.00 | 27.87 1.10 0.00 | 27.00 1.09 0.00 | 26.54 1.07 0.00 | 26.46 0.99 0.00 | 27.32 1.02 0.00 | 29.05 1.06 0.00 | 30.25 1.05 0.00 | 32.28 0.82 0.00 | 33.20 0.84 0.00 | 33.86 0.86 0.00 | 33.88 0.89 0.00 | 32.69 0.86 0.00 | 31.67 0.83 0.00 | 30.62 0.77 0.00 | 31.44 0.89 0.00 | 31.68 0.80 0.00 | 40.88 0.96 0.00 | 47.24 1.15 0.00 | 56.69 1.43 0.00 | 57.53 1.73 0.00 | 46.21 1.30 0.00 | 37.47 1.09 0.00 | 32.90 1.08 0.00 |
| FORT_DRUM_COGEN 23780 | 29.69 -0.15 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.22 -0.25 0.00 | 25.37 -0.10 0.00 | 26.35 0.05 0.00 | 28.16 0.17 0.00 | 29.52 0.32 0.00 | 31.77 0.31 0.00 | 32.29 -0.06 0.00 | 32.74 -0.26 0.00 | 32.56 -0.43 0.00 | 31.32 -0.51 0.00 | 30.41 -0.43 0.00 | 29.34 -0.51 0.00 | 29.94 -0.61 0.00 | 30.26 -0.62 0.00 | 39.72 -0.20 0.00 | 46.41 0.32 0.00 | 56.52 1.27 0.00 | 57.69 1.90 0.00 | 46.35 1.44 0.00 | 37.33 0.95 0.00 | 32.32 0.51 0.00 |
| FOX_HILLS___ESR 323835 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.95 1.95 0.00 | 35.10 2.11 0.00 | 34.00 2.17 0.00 | 33.06 2.22 0.00 | 32.06 2.21 0.00 | 33.12 2.57 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.84 4.58 -0.01 | 60.49 4.69 -0.01 | 48.69 3.77 -0.01 | 39.18 2.80 0.00 | 33.95 2.13 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 32.47 2.63 0.00 | 28.92 2.14 0.00 | 28.03 2.12 0.00 | 27.46 1.99 0.00 | 27.41 1.93 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.56 2.36 0.00 | 33.66 2.20 0.00 | 34.72 2.36 0.00 | 38.32 2.71 -2.61 | 39.16 2.84 -3.33 | 40.14 2.87 -5.45 | 43.37 2.90 -9.63 | 40.54 2.81 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.74 5.47 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.40 3.49 -2.53 | 34.69 2.86 -0.01 |
| FPL_FAR_ROCK_GT2 23815 | 32.47 2.63 0.00 | 28.92 2.14 0.00 | 28.03 2.12 0.00 | 27.46 1.99 0.00 | 27.41 1.93 0.00 | 28.30 2.00 0.00 | 30.17 2.18 0.00 | 31.56 2.36 0.00 | 33.66 2.20 0.00 | 34.72 2.36 0.00 | 38.32 2.71 -2.61 | 39.16 2.84 -3.33 | 40.14 2.87 -5.45 | 43.37 2.90 -9.63 | 40.54 2.81 -7.88 | 41.94 3.12 -8.27 | 47.45 3.27 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.74 5.47 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.40 3.49 -2.53 | 34.69 2.86 -0.01 |

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| FRANKLIN_FALL_HYD 24054 | 29.45 -0.39 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.30 -0.18 0.00 | 25.37 -0.10 0.00 | 26.22 -0.08 0.00 | 28.10 0.11 0.00 | 29.34 0.15 0.00 | 31.71 0.25 0.00 | 32.45 0.10 0.00 | 33.04 0.03 0.00 | 33.02 0.03 0.00 | 31.77 -0.06 0.00 | 30.75 -0.09 0.00 | 29.64 -0.21 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.80 -0.12 0.00 | 46.18 0.09 0.00 | 55.14 -0.11 0.00 | 55.57 -0.22 0.00 | 44.82 -0.09 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| FREEPORT_EQUS_GT1 23764 | 32.41 2.57 0.00 | 28.86 2.09 0.00 | 27.95 2.05 0.00 | 27.41 1.94 0.00 | 27.36 1.88 0.00 | 28.27 1.97 0.00 | 30.14 2.16 0.00 | 31.53 2.34 0.00 | 33.63 2.17 0.00 | 34.65 2.30 0.00 | 38.22 2.61 -2.61 | 39.06 2.74 -3.33 | 40.05 2.77 -5.45 | 43.25 2.78 -9.63 | 40.48 2.74 -7.88 | 41.88 3.06 -8.27 | 47.39 3.21 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.69 5.42 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.40 3.49 -2.53 | 34.66 2.83 -0.01 |
| FREEPORT___CT2 23818 | 32.41 2.57 0.00 | 28.86 2.09 0.00 | 27.95 2.05 0.00 | 27.41 1.94 0.00 | 27.36 1.88 0.00 | 28.27 1.97 0.00 | 30.14 2.16 0.00 | 31.53 2.34 0.00 | 33.63 2.17 0.00 | 34.65 2.30 0.00 | 38.22 2.61 -2.61 | 39.06 2.74 -3.33 | 40.05 2.77 -5.45 | 43.25 2.78 -9.63 | 40.48 2.74 -7.88 | 41.88 3.06 -8.27 | 47.39 3.21 -13.30 | 49.89 3.91 -6.06 | 51.95 4.61 -1.25 | 60.69 5.42 -0.01 | 61.54 5.58 -0.17 | 52.37 4.49 -2.97 | 42.40 3.49 -2.53 | 34.66 2.83 -0.01 |
| FRESHKLS_33_KV_LOAD 356253 | 32.08 2.24 0.00 | 28.78 2.01 0.00 | 27.88 1.97 0.00 | 27.31 1.84 0.00 | 27.23 1.76 0.00 | 27.98 1.68 0.00 | 29.75 1.76 0.00 | 30.92 1.72 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.18 2.63 0.00 | 33.72 2.84 0.00 | 43.31 3.39 0.00 | 50.14 4.06 0.00 | 60.01 4.75 -0.01 | 60.66 4.85 -0.01 | 48.82 3.91 -0.01 | 39.29 2.91 0.00 | 34.04 2.23 0.00 |
| FULTON COGEN____ 23766 | 29.36 -0.48 0.00 | 26.32 -0.46 0.00 | 25.47 -0.44 0.00 | 25.02 -0.46 0.00 | 25.04 -0.43 0.00 | 25.85 -0.45 0.00 | 27.48 -0.50 0.00 | 28.67 -0.53 0.00 | 30.86 -0.60 0.00 | 31.74 -0.61 0.00 | 32.34 -0.66 0.00 | 32.26 -0.73 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.20 -1.05 0.00 | 54.85 -0.95 0.00 | 44.10 -0.81 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| FULTON___LFGE 323630 | 31.45 1.61 0.00 | 28.22 1.44 0.00 | 27.31 1.40 0.00 | 26.82 1.35 0.00 | 26.80 1.32 0.00 | 27.77 1.47 0.00 | 29.50 1.51 0.00 | 30.60 1.40 0.00 | 32.72 1.26 0.00 | 33.42 1.07 0.00 | 33.93 0.92 0.00 | 33.84 0.86 0.00 | 32.59 0.76 0.00 | 31.46 0.62 0.00 | 30.33 0.48 0.00 | 31.01 0.46 0.00 | 31.37 0.49 0.00 | 40.96 1.04 0.00 | 47.98 1.89 0.00 | 58.46 3.20 0.00 | 59.37 3.57 0.00 | 47.65 2.74 0.00 | 38.56 2.18 0.00 | 33.60 1.78 0.00 |
| G.F.CEMENT___DRP 24184 | 31.90 2.06 0.00 | 28.62 1.85 0.00 | 27.70 1.79 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.86 1.88 0.00 | 31.07 1.87 0.00 | 33.35 1.89 0.00 | 34.33 1.97 0.00 | 34.79 1.78 0.00 | 34.70 1.72 0.00 | 33.36 1.53 0.00 | 32.17 1.33 0.00 | 31.01 1.16 0.00 | 31.81 1.25 0.00 | 32.39 1.51 0.00 | 42.08 2.16 0.00 | 48.99 2.90 0.00 | 59.23 3.98 0.00 | 60.15 4.35 0.00 | 48.23 3.32 0.00 | 39.04 2.66 0.00 | 34.04 2.23 0.00 |
| GARDENVILLE___LBMP 24039 | 28.20 -1.64 0.00 | 24.87 -1.90 0.00 | 24.25 -1.66 0.00 | 23.72 -1.76 0.00 | 23.92 -1.55 0.00 | 24.67 -1.63 0.00 | 25.83 -2.16 0.00 | 26.86 -2.34 0.00 | 28.85 -2.61 0.00 | 30.03 -2.33 0.00 | 30.40 -2.61 0.00 | 30.25 -2.74 0.00 | 29.03 -2.80 0.00 | 28.07 -2.78 0.00 | 27.49 -2.36 0.00 | 28.11 -2.44 0.00 | 28.44 -2.44 0.00 | 37.09 -2.83 0.00 | 42.45 -3.64 0.00 | 51.28 -3.98 0.00 | 51.72 -4.07 0.00 | 41.81 -3.10 0.00 | 34.60 -1.78 0.00 | 30.70 -1.11 0.00 |
| GARDNVLA_35_KV_LD 355827 | 28.26 -1.58 0.00 | 24.93 -1.85 0.00 | 24.30 -1.61 0.00 | 23.74 -1.73 0.00 | 23.97 -1.50 0.00 | 24.72 -1.58 0.00 | 25.89 -2.10 0.00 | 26.95 -2.25 0.00 | 28.94 -2.52 0.00 | 30.12 -2.23 0.00 | 30.49 -2.51 0.00 | 30.35 -2.64 0.00 | 29.12 -2.71 0.00 | 28.16 -2.68 0.00 | 27.58 -2.27 0.00 | 28.20 -2.35 0.00 | 28.53 -2.35 0.00 | 37.21 -2.71 0.00 | 42.59 -3.50 0.00 | 51.39 -3.87 0.00 | 51.89 -3.91 0.00 | 41.95 -2.96 0.00 | 34.71 -1.67 0.00 | 30.76 -1.05 0.00 |
| GELCKHM___115KV_LOAD 80723 | 29.69 -0.15 0.00 | 26.56 -0.21 0.00 | 25.73 -0.18 0.00 | 25.27 -0.20 0.00 | 25.29 -0.18 0.00 | 26.12 -0.18 0.00 | 27.74 -0.25 0.00 | 28.93 -0.26 0.00 | 31.18 -0.28 0.00 | 32.06 -0.29 0.00 | 32.67 -0.33 0.00 | 32.59 -0.40 0.00 | 31.48 -0.35 0.00 | 30.47 -0.37 0.00 | 29.55 -0.30 0.00 | 30.16 -0.40 0.00 | 30.48 -0.40 0.00 | 39.48 -0.44 0.00 | 45.49 -0.60 0.00 | 54.76 -0.50 0.00 | 55.46 -0.33 0.00 | 44.55 -0.36 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| GENERAL___MILLS 23808 | 28.23 -1.61 0.00 | 24.90 -1.87 0.00 | 24.28 -1.63 0.00 | 23.72 -1.76 0.00 | 23.94 -1.53 0.00 | 24.70 -1.60 0.00 | 25.86 -2.13 0.00 | 26.89 -2.31 0.00 | 28.88 -2.58 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.28 -2.70 0.00 | 29.06 -2.77 0.00 | 28.10 -2.74 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.13 -2.79 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.78 -4.02 0.00 | 41.86 -3.05 0.00 | 34.63 -1.75 0.00 | 30.70 -1.11 0.00 |
| GE_PLASTICS___DRP 24183 | 30.89 1.04 0.00 | 27.74 0.96 0.00 | 26.82 0.91 0.00 | 26.39 0.92 0.00 | 26.29 0.82 0.00 | 27.14 0.84 0.00 | 28.88 0.90 0.00 | 30.10 0.91 0.00 | 32.18 0.72 0.00 | 33.13 0.78 0.00 | 33.83 0.83 0.00 | 33.85 0.86 0.00 | 32.69 0.86 0.00 | 31.67 0.83 0.00 | 30.66 0.81 0.00 | 31.44 0.89 0.00 | 31.71 0.83 0.00 | 40.88 0.96 0.00 | 47.19 1.11 0.00 | 56.52 1.27 0.00 | 57.30 1.51 0.00 | 46.12 1.21 0.00 | 37.43 1.06 0.00 | 32.77 0.95 0.00 |
| GILBOA___1 23756 | 30.89 1.04 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.31 0.84 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.28 0.82 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.95 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.24 1.32 0.00 | 47.66 1.57 0.00 | 57.02 1.77 0.00 | 57.75 1.95 0.00 | 46.57 1.66 0.00 | 37.65 1.27 0.00 | 32.90 1.08 0.00 |
| GILBOA___2 23757 | 30.89 1.04 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.31 0.84 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.28 0.82 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.95 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.24 1.32 0.00 | 47.66 1.57 0.00 | 57.02 1.77 0.00 | 57.75 1.95 0.00 | 46.57 1.66 0.00 | 37.65 1.27 0.00 | 32.90 1.08 0.00 |
| GILBOA___3 23758 | 30.89 1.04 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.31 0.84 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.28 0.82 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.95 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.24 1.32 0.00 | 47.66 1.57 0.00 | 57.02 1.77 0.00 | 57.75 1.95 0.00 | 46.57 1.66 0.00 | 37.65 1.27 0.00 | 32.90 1.08 0.00 |

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| GILBOA___4 23759 | 30.89 1.04 0.00 | 27.68 0.91 0.00 | 26.79 0.88 0.00 | 26.31 0.84 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.28 0.82 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.95 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.24 1.32 0.00 | 47.66 1.57 0.00 | 57.02 1.77 0.00 | 57.75 1.95 0.00 | 46.57 1.66 0.00 | 37.65 1.27 0.00 | 32.90 1.08 0.00 |
| GILBOA____ 23599 | 30.89 1.04 0.00 | 27.71 0.94 0.00 | 26.79 0.88 0.00 | 26.39 0.92 0.00 | 26.26 0.79 0.00 | 27.12 0.82 0.00 | 28.86 0.87 0.00 | 30.07 0.88 0.00 | 32.28 0.82 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.82 0.99 0.00 | 31.83 0.99 0.00 | 30.80 0.96 0.00 | 31.62 1.07 0.00 | 31.99 1.11 0.00 | 41.24 1.32 0.00 | 47.65 1.57 0.00 | 57.02 1.77 0.00 | 57.75 1.95 0.00 | 46.57 1.66 0.00 | 37.65 1.27 0.00 | 32.90 1.08 0.00 |
| GINNA____ 23603 | 28.02 -1.82 0.00 | 25.14 -1.63 0.00 | 24.20 -1.71 0.00 | 23.90 -1.58 0.00 | 23.87 -1.60 0.00 | 24.51 -1.79 0.00 | 25.95 -2.04 0.00 | 27.12 -2.07 0.00 | 29.23 -2.23 0.00 | 30.15 -2.20 0.00 | 30.63 -2.38 0.00 | 30.51 -2.47 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.70 -2.15 0.00 | 28.20 -2.35 0.00 | 28.59 -2.28 0.00 | 37.25 -2.67 0.00 | 42.86 -3.23 0.00 | 51.77 -3.48 0.00 | 52.50 -3.29 0.00 | 42.13 -2.78 0.00 | 34.41 -1.97 0.00 | 30.06 -1.75 0.00 |
| GLEN PARK____ 23778 | 29.78 -0.06 0.00 | 26.61 -0.16 0.00 | 25.78 -0.13 0.00 | 25.30 -0.18 0.00 | 25.45 -0.03 0.00 | 26.41 0.11 0.00 | 28.21 0.22 0.00 | 29.58 0.38 0.00 | 31.84 0.38 0.00 | 32.32 -0.03 0.00 | 32.77 -0.23 0.00 | 32.56 -0.43 0.00 | 31.32 -0.51 0.00 | 30.41 -0.43 0.00 | 29.34 -0.51 0.00 | 29.94 -0.61 0.00 | 30.29 -0.59 0.00 | 39.76 -0.16 0.00 | 46.50 0.41 0.00 | 56.69 1.43 0.00 | 57.92 2.12 0.00 | 46.48 1.57 0.00 | 37.44 1.06 0.00 | 32.39 0.57 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 31.96 2.12 0.00 | 28.81 2.03 0.00 | 27.77 1.87 0.00 | 27.18 1.71 0.00 | 27.15 1.68 0.00 | 27.93 1.63 0.00 | 29.72 1.74 0.00 | 30.95 1.75 0.00 | 33.16 1.70 0.00 | 34.17 1.81 0.00 | 35.05 2.05 0.00 | 35.20 2.21 0.00 | 34.09 2.26 0.00 | 33.15 2.31 0.00 | 32.12 2.27 0.00 | 33.18 2.63 0.00 | 33.66 2.78 0.00 | 43.15 3.23 0.00 | 49.87 3.78 0.00 | 59.62 4.37 0.00 | 60.31 4.52 0.00 | 48.50 3.59 0.00 | 39.00 2.62 0.00 | 33.91 2.10 0.00 |
| GLENWOOD_IC_1_G5 23712 | 32.11 2.27 0.00 | 28.81 2.03 0.00 | 27.77 1.87 0.00 | 27.11 1.63 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.83 2.51 -3.33 | 39.83 2.55 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.49 3.51 -6.06 | 51.48 4.15 -1.25 | 60.08 4.81 -0.01 | 60.99 5.02 -0.17 | 51.88 4.00 -2.97 | 41.89 2.98 -2.53 | 34.28 2.45 -0.01 |
| GLENWOOD_IC_2_G1 23688 | 31.93 2.09 0.00 | 28.54 1.77 0.00 | 27.64 1.74 0.00 | 27.11 1.63 0.00 | 27.05 1.58 0.00 | 27.93 1.63 0.00 | 29.75 1.76 0.00 | 31.07 1.87 0.00 | 33.22 1.76 0.00 | 34.23 1.88 0.00 | 37.76 2.14 -2.61 | 38.57 2.24 -3.33 | 39.60 2.32 -5.45 | 42.82 2.34 -9.63 | 40.03 2.30 -7.88 | 41.42 2.60 -8.27 | 46.92 2.75 -13.30 | 49.25 3.27 -6.06 | 51.16 3.82 -1.25 | 59.74 4.47 -0.01 | 60.59 4.63 -0.17 | 51.61 3.73 -2.97 | 41.71 2.80 -2.53 | 34.06 2.23 -0.01 |
| GLENWOOD_IC_3_G1 23689 | 31.93 2.09 0.00 | 28.54 1.77 0.00 | 27.64 1.74 0.00 | 27.11 1.63 0.00 | 27.05 1.58 0.00 | 27.93 1.63 0.00 | 29.75 1.76 0.00 | 31.07 1.87 0.00 | 33.22 1.76 0.00 | 34.23 1.88 0.00 | 37.76 2.14 -2.61 | 38.57 2.24 -3.33 | 39.60 2.32 -5.45 | 42.82 2.34 -9.63 | 40.03 2.30 -7.88 | 41.42 2.60 -8.27 | 46.92 2.75 -13.30 | 49.25 3.27 -6.06 | 51.16 3.82 -1.25 | 59.74 4.47 -0.01 | 60.59 4.63 -0.17 | 51.61 3.73 -2.97 | 41.71 2.80 -2.53 | 34.06 2.23 -0.01 |
| GLENWOOD___4 23550 | 32.11 2.27 0.00 | 28.81 2.03 0.00 | 27.77 1.87 0.00 | 27.11 1.63 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.83 2.51 -3.33 | 39.83 2.55 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.49 3.51 -6.06 | 51.48 4.15 -1.25 | 60.08 4.81 -0.01 | 60.99 5.02 -0.17 | 51.88 4.00 -2.97 | 41.89 2.98 -2.53 | 34.28 2.45 -0.01 |
| GLENWOOD___5 23614 | 32.11 2.27 0.00 | 28.81 2.03 0.00 | 27.77 1.87 0.00 | 27.11 1.63 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.83 2.51 -3.33 | 39.83 2.55 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.49 3.51 -6.06 | 51.48 4.15 -1.25 | 60.08 4.81 -0.01 | 60.99 5.02 -0.17 | 51.88 4.00 -2.97 | 41.89 2.98 -2.53 | 34.28 2.45 -0.01 |
| GLOBAL GREEN_PORT_GT1 23814 | 32.62 2.78 0.00 | 29.05 2.27 0.00 | 28.34 2.43 0.00 | 27.87 2.39 0.00 | 27.89 2.42 0.00 | 28.93 2.63 0.00 | 30.95 2.97 0.00 | 32.52 3.33 0.00 | 34.57 3.12 0.00 | 35.49 3.14 0.00 | 39.11 3.50 -2.61 | 39.92 3.60 -3.33 | 40.84 3.56 -5.45 | 43.96 3.48 -9.63 | 41.34 3.61 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.36 5.39 -6.06 | 53.79 6.45 -1.25 | 62.84 7.57 -0.01 | 63.33 7.36 -0.17 | 53.90 6.02 -2.97 | 43.57 4.66 -2.54 | 35.71 3.88 -0.01 |
| GLOBE___DSASP 323697 | 27.84 -2.00 0.00 | 24.52 -2.25 0.00 | 24.02 -1.89 0.00 | 23.49 -1.99 0.00 | 23.66 -1.81 0.00 | 24.20 -2.10 0.00 | 25.13 -2.85 0.00 | 26.08 -3.09 0.02 | 28.04 -3.40 0.02 | 29.15 -3.20 0.00 | 29.50 -3.50 0.00 | 29.34 -3.63 0.02 | 28.18 -3.63 0.02 | 27.25 -3.58 0.02 | 26.70 -3.13 0.02 | 27.24 -3.30 0.02 | 27.54 -3.33 0.00 | 35.85 -4.07 0.00 | 40.93 -5.16 0.00 | 49.29 -5.97 0.00 | 49.66 -6.14 0.00 | 40.19 -4.72 0.00 | 33.51 -2.87 0.00 | 30.03 -1.78 0.00 |
| GOETHSLN___LBMP 323567 | 31.63 1.79 0.00 | 28.54 1.77 0.00 | 27.49 1.58 0.00 | 26.90 1.43 0.00 | 26.87 1.40 0.00 | 27.72 1.42 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.94 1.48 0.00 | 33.97 1.62 0.00 | 34.79 1.78 0.00 | 34.90 1.91 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.91 2.06 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.83 2.91 0.00 | 49.50 3.41 0.00 | 59.12 3.87 0.00 | 59.81 4.02 0.00 | 48.14 3.23 0.00 | 38.71 2.33 0.00 | 33.66 1.85 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 29.13 -0.72 0.00 | 25.84 -0.94 0.00 | 25.13 -0.78 0.00 | 24.66 -0.82 0.00 | 24.78 -0.69 0.00 | 25.54 -0.76 0.00 | 26.92 -1.06 0.00 | 28.09 -1.11 0.00 | 30.20 -1.26 0.00 | 31.13 -1.23 0.00 | 31.58 -1.42 0.00 | 31.40 -1.58 0.00 | 30.24 -1.59 0.00 | 29.24 -1.60 0.00 | 28.51 -1.34 0.00 | 29.06 -1.50 0.00 | 29.43 -1.45 0.00 | 38.32 -1.60 0.00 | 44.15 -1.94 0.00 | 53.43 -1.82 0.00 | 54.18 -1.62 0.00 | 43.56 -1.35 0.00 | 35.69 -0.69 0.00 | 31.37 -0.45 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 31.07 1.22 0.00 | 27.84 1.07 0.00 | 26.92 1.01 0.00 | 26.44 0.97 0.00 | 26.41 0.94 0.00 | 27.30 1.00 0.00 | 28.99 1.01 0.00 | 30.25 1.05 0.00 | 32.56 1.10 0.00 | 33.46 1.10 0.00 | 34.13 1.12 0.00 | 34.08 1.09 0.00 | 32.88 1.05 0.00 | 31.89 1.05 0.00 | 30.83 0.99 0.00 | 31.59 1.04 0.00 | 31.93 1.05 0.00 | 41.40 1.48 0.00 | 47.98 1.89 0.00 | 57.80 2.54 0.00 | 58.64 2.85 0.00 | 47.16 2.25 0.00 | 38.05 1.67 0.00 | 33.15 1.34 0.00 |

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| GOUDEY___1 | 345031 | 30.26 0.42 0.00 | 27.04 0.27 0.00 | 26.17 0.26 0.00 | 25.73 0.25 0.00 | 25.75 0.28 0.00 | 26.59 0.29 0.00 | 28.16 0.17 0.00 | 29.34 0.15 0.00 | 31.58 0.13 0.00 | 32.52 0.16 0.00 | 33.14 0.13 0.00 | 33.05 0.07 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 30.00 0.15 0.00 | 30.71 0.15 0.00 | 31.06 0.19 0.00 | 40.28 0.36 0.00 | 46.50 0.41 0.00 | 55.97 0.72 0.00 | 56.69 0.89 0.00 | 45.58 0.67 0.00 | 36.93 0.55 0.00 | 32.36 0.54 0.00 |
| GOUDEY___7 | 23579 | 30.26 0.42 0.00 | 27.04 0.27 0.00 | 26.17 0.26 0.00 | 25.73 0.25 0.00 | 25.75 0.28 0.00 | 26.59 0.29 0.00 | 28.16 0.17 0.00 | 29.34 0.15 0.00 | 31.58 0.13 0.00 | 32.52 0.16 0.00 | 33.14 0.13 0.00 | 33.05 0.07 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 30.00 0.15 0.00 | 30.71 0.15 0.00 | 31.06 0.19 0.00 | 40.28 0.36 0.00 | 46.50 0.41 0.00 | 55.97 0.72 0.00 | 56.69 0.89 0.00 | 45.58 0.67 0.00 | 36.93 0.55 0.00 | 32.36 0.54 0.00 |
| GOUDEY___8 | 23580 | 30.26 0.42 0.00 | 27.04 0.27 0.00 | 26.17 0.26 0.00 | 25.73 0.25 0.00 | 25.75 0.28 0.00 | 26.59 0.29 0.00 | 28.16 0.17 0.00 | 29.34 0.15 0.00 | 31.58 0.13 0.00 | 32.52 0.16 0.00 | 33.14 0.13 0.00 | 33.05 0.07 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 30.00 0.15 0.00 | 30.71 0.15 0.00 | 31.06 0.19 0.00 | 40.28 0.36 0.00 | 46.50 0.41 0.00 | 55.97 0.72 0.00 | 56.69 0.89 0.00 | 45.58 0.67 0.00 | 36.93 0.55 0.00 | 32.36 0.54 0.00 |
| GOWANUS_GT1_1 | 24077 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 -2.13 0.00 |
| GOWANUS_GT1_2 | 24078 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 -2.13 0.00 |
| GOWANUS_GT1_3 | 24079 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 -2.13 0.00 |
| GOWANUS_GT1_4 | 24080 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 -2.13 0.00 |
| GOWANUS_GT1_5 | 24084 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33. | | | | | | | | | | | | | | | |

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| GOWANUS_GT2_5 24118 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT2_6 24119 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT2_7 24120 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT2_8 24121 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_1 24122 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_2 24123 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_3 24124 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_4 24125 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_5 24126 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_6 24127 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_7 24128 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT3_8 24129 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_1 24130 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_2 24131 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_3 24132 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |

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|---|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_4 24133 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_5 24134 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_6 24135 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_7 24136 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GOWANUS_GT4_8 24137 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GREENBSH_115KV_TB3 55895 | 30.95 1.10 0.00 | 27.79 1.02 0.00 | 26.87 0.96 0.00 | 26.44 0.97 0.00 | 26.34 0.87 0.00 | 27.19 0.89 0.00 | 28.94 0.95 0.00 | 30.13 0.93 0.00 | 32.18 0.72 0.00 | 33.13 0.78 0.00 | 33.83 0.83 0.00 | 33.85 0.86 0.00 | 32.69 0.86 0.00 | 31.67 0.83 0.00 | 30.63 0.78 0.00 | 31.44 0.89 0.00 | 31.65 0.77 0.00 | 40.76 0.84 0.00 | 47.01 0.92 0.00 | 56.36 1.11 0.00 | 57.13 1.34 0.00 | 45.99 1.08 0.00 | 37.40 1.02 0.00 | 32.74 0.92 0.00 |
| GREENDGE_115KV_TB5 80291 | 30.02 0.18 0.00 | 26.77 0.00 0.00 | 25.96 0.05 0.00 | 25.50 0.03 0.00 | 25.65 0.18 0.00 | 26.48 0.18 0.00 | 27.93 -0.06 0.00 | 29.05 -0.15 0.00 | 31.24 -0.22 0.00 | 32.10 -0.26 0.00 | 32.54 -0.46 0.00 | 32.39 -0.59 0.00 | 31.22 -0.60 0.00 | 30.19 -0.65 0.00 | 29.37 -0.48 0.00 | 30.00 -0.55 0.00 | 30.41 -0.46 0.00 | 39.80 -0.12 0.00 | 46.04 -0.05 0.00 | 55.86 0.61 0.00 | 56.69 0.89 0.00 | 45.49 0.58 0.00 | 36.96 0.58 0.00 | 32.45 0.64 0.00 |
| GREENIDGE___3 23582 | 30.02 0.18 0.00 | 26.77 0.00 0.00 | 25.96 0.05 0.00 | 25.50 0.03 0.00 | 25.65 0.18 0.00 | 26.48 0.18 0.00 | 27.93 -0.06 0.00 | 29.05 -0.15 0.00 | 31.24 -0.22 0.00 | 32.10 -0.26 0.00 | 32.54 -0.46 0.00 | 32.39 -0.59 0.00 | 31.22 -0.60 0.00 | 30.19 -0.65 0.00 | 29.37 -0.48 0.00 | 30.00 -0.55 0.00 | 30.41 -0.46 0.00 | 39.80 -0.12 0.00 | 46.04 -0.05 0.00 | 55.86 0.61 0.00 | 56.69 0.89 0.00 | 45.49 0.58 0.00 | 36.96 0.58 0.00 | 32.45 0.64 0.00 |
| GREENIDGE___4 23583 | 30.02 0.18 0.00 | 26.93 0.16 0.00 | 25.96 0.05 0.00 | 25.60 0.13 0.00 | 25.65 0.18 0.00 | 26.43 0.13 0.00 | 27.93 -0.06 0.00 | 29.05 -0.15 0.00 | 31.24 -0.22 0.00 | 32.10 -0.26 0.00 | 32.54 -0.46 0.00 | 32.43 -0.56 0.00 | 31.22 -0.61 0.00 | 30.19 -0.65 0.00 | 29.37 -0.48 0.00 | 30.01 -0.55 0.00 | 30.41 -0.46 0.00 | 39.80 -0.12 0.00 | 46.04 -0.05 0.00 | 55.86 0.61 0.00 | 56.69 0.89 0.00 | 45.49 0.58 0.00 | 37.04 0.66 0.00 | 32.45 0.64 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 32.38 2.54 0.00 | 28.97 2.20 0.00 | 27.93 2.02 0.00 | 27.16 1.68 0.00 | 27.33 1.86 0.00 | 28.22 1.92 0.00 | 30.11 2.13 0.00 | 31.53 2.34 0.00 | 33.60 2.14 0.00 | 34.68 2.33 0.00 | 38.22 2.61 -2.61 | 39.03 2.70 -3.33 | 39.98 2.71 -5.45 | 43.16 2.68 -9.63 | 40.42 2.69 -7.88 | 41.85 3.02 -8.27 | 47.35 3.18 -13.30 | 49.73 3.75 -6.06 | 51.67 4.33 -1.25 | 60.35 5.08 -0.01 | 61.21 5.24 -0.17 | 52.10 4.22 -2.97 | 42.37 3.46 -2.54 | 34.66 2.83 -0.01 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| GRISSOM___SOLAR 323813 | 31.42 1.58 0.00 | 28.19 1.42 0.00 | 27.31 1.40 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.72 1.42 0.00 | 29.47 1.48 0.00 | 30.57 1.37 0.00 | 32.68 1.23 0.00 | 33.42 1.07 0.00 | 33.93 0.92 0.00 | 33.81 0.83 0.00 | 32.56 0.73 0.00 | 31.46 0.62 0.00 | 30.33 0.48 0.00 | 31.04 0.49 0.00 | 31.40 0.52 0.00 | 40.96 1.04 0.00 | 47.93 1.85 0.00 | 58.35 3.09 0.00 | 59.26 3.46 0.00 | 47.56 2.65 0.00 | 38.49 2.11 0.00 | 33.56 1.75 0.00 |
| GROVEVILLE___HYD 323602 | 31.72 1.88 0.00 | 28.57 1.79 0.00 | 27.54 1.63 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.83 1.64 0.00 | 33.06 1.60 0.00 | 34.04 1.68 0.00 | 34.82 1.82 0.00 | 34.93 1.95 0.00 | 33.80 1.97 0.00 | 32.85 2.00 0.00 | 31.76 1.91 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.75 2.83 0.00 | 49.50 3.41 0.00 | 59.34 4.09 0.00 | 60.20 4.41 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.85 2.04 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 29.90 0.06 0.00 | 26.75 -0.03 0.00 | 25.91 0.00 0.00 | 25.45 -0.03 0.00 | 25.50 0.03 0.00 | 26.33 0.03 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.84 -0.17 0.00 | 32.76 -0.23 0.00 | 31.58 -0.25 0.00 | 30.60 -0.25 0.00 | 29.67 -0.18 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.31 0.06 0.00 | 56.02 0.22 0.00 | 45.00 0.09 0.00 | 36.49 0.11 0.00 | 31.97 0.16 0.00 |

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| HAMPSHIRE___PAPER_HYD 323593 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.33 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.41 -0.39 0.00 | 44.64 -0.27 0.00 | 36.13 -0.25 0.00 | 31.40 -0.41 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 30.02 0.18 0.00 | 27.04 0.27 0.00 | 26.30 0.39 0.00 | 25.96 0.48 0.00 | 26.03 0.56 0.00 | 27.01 0.71 0.00 | 28.83 0.84 0.00 | 30.16 0.96 0.00 | 32.53 1.07 0.00 | 33.55 1.20 0.00 | 34.26 1.25 0.00 | 34.17 1.19 0.00 | 32.91 1.08 0.00 | 31.89 1.05 0.00 | 30.80 0.95 0.00 | 31.32 0.76 0.00 | 31.59 0.71 0.00 | 40.84 0.92 0.00 | 47.24 1.15 0.00 | 56.80 1.54 0.00 | 57.53 1.73 0.00 | 46.30 1.39 0.00 | 37.69 1.31 0.00 | 32.93 1.11 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 31.60 1.76 0.00 | 28.41 1.63 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.82 1.35 0.00 | 27.69 1.39 0.00 | 29.44 1.46 0.00 | 30.69 1.49 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.69 1.68 0.00 | 34.80 1.81 0.00 | 33.68 1.85 0.00 | 32.75 1.91 0.00 | 31.70 1.85 0.00 | 32.66 2.11 0.00 | 33.13 2.25 0.00 | 42.63 2.71 0.00 | 49.31 3.23 0.00 | 59.07 3.81 0.00 | 59.87 4.07 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.69 1.88 0.00 |
| HARSNRAD_115KV_TB1 81005 | 27.90 -1.94 0.00 | 24.58 -2.20 0.00 | 23.97 -1.94 0.00 | 23.44 -2.04 0.00 | 23.64 -1.83 0.00 | 24.35 -1.95 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.50 -2.96 0.00 | 29.61 -2.75 0.00 | 29.97 -3.04 0.00 | 29.79 -3.20 0.00 | 28.58 -3.25 0.00 | 27.63 -3.21 0.00 | 27.07 -2.78 0.00 | 27.65 -2.90 0.00 | 27.97 -2.90 0.00 | 36.45 -3.47 0.00 | 41.71 -4.38 0.00 | 50.39 -4.86 0.00 | 50.89 -4.91 0.00 | 41.09 -3.82 0.00 | 34.16 -2.22 0.00 | 30.26 -1.56 0.00 |
| HARZA MOOSE___RIVER 24016 | 29.63 -0.21 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.25 -0.23 0.00 | 25.37 -0.10 0.00 | 26.38 0.08 0.00 | 28.27 0.28 0.00 | 29.66 0.47 0.00 | 31.96 0.50 0.00 | 32.68 0.32 0.00 | 33.20 0.20 0.00 | 33.05 0.07 0.00 | 31.83 0.00 0.00 | 30.87 0.03 0.00 | 29.82 -0.03 0.00 | 30.49 -0.06 0.00 | 30.81 -0.06 0.00 | 40.24 0.32 0.00 | 46.78 0.69 0.00 | 56.58 1.33 0.00 | 57.58 1.79 0.00 | 46.26 1.35 0.00 | 37.36 0.98 0.00 | 32.45 0.64 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 29.69 -0.15 0.00 | 26.59 -0.19 0.00 | 25.73 -0.18 0.00 | 25.27 -0.20 0.00 | 25.32 -0.15 0.00 | 26.12 -0.18 0.00 | 27.74 -0.25 0.00 | 28.93 -0.26 0.00 | 31.18 -0.28 0.00 | 32.06 -0.29 0.00 | 32.67 -0.33 0.00 | 32.62 -0.36 0.00 | 31.48 -0.35 0.00 | 30.50 -0.34 0.00 | 29.58 -0.27 0.00 | 30.19 -0.37 0.00 | 30.51 -0.37 0.00 | 39.52 -0.40 0.00 | 45.53 -0.55 0.00 | 54.81 -0.44 0.00 | 55.46 -0.33 0.00 | 44.60 -0.31 0.00 | 36.16 -0.22 0.00 | 31.69 -0.13 0.00 |
| HELLGATE_13_KV_LD 55870 | 32.02 2.18 0.00 | 28.89 2.12 0.00 | 27.85 1.94 0.00 | 27.26 1.78 0.00 | 27.20 1.73 0.00 | 27.96 1.66 0.00 | 29.72 1.74 0.00 | 30.95 1.75 0.00 | 33.16 1.70 0.00 | 34.17 1.81 0.00 | 35.02 2.01 0.00 | 35.20 2.21 0.00 | 34.09 2.26 0.00 | 33.12 2.28 0.00 | 32.12 2.27 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.11 3.19 0.00 | 49.77 3.69 0.00 | 59.56 4.31 0.00 | 60.20 4.41 0.00 | 48.41 3.50 0.00 | 38.96 2.58 0.00 | 33.85 2.04 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 32.02 2.18 0.00 | 28.89 2.12 0.00 | 27.85 1.94 0.00 | 27.26 1.78 0.00 | 27.20 1.73 0.00 | 27.96 1.66 0.00 | 29.72 1.74 0.00 | 30.95 1.75 0.00 | 33.16 1.70 0.00 | 34.17 1.81 0.00 | 35.02 2.01 0.00 | 35.20 2.21 0.00 | 34.09 2.26 0.00 | 33.12 2.28 0.00 | 32.12 2.27 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.11 3.19 0.00 | 49.77 3.69 0.00 | 59.56 4.31 0.00 | 60.20 4.41 0.00 | 48.41 3.50 0.00 | 38.96 2.58 0.00 | 33.85 2.04 0.00 |
| HEMPSTEAD____ 23647 | 32.14 2.30 0.00 | 28.65 1.87 0.00 | 27.78 1.87 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.27 2.07 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.80 2.48 -3.33 | 39.79 2.51 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.53 3.55 -6.06 | 51.53 4.19 -1.25 | 60.18 4.92 -0.01 | 60.99 5.02 -0.17 | 51.93 4.04 -2.97 | 42.00 3.09 -2.53 | 34.34 2.51 -0.01 |
| HICKLING___1 23621 | 30.05 0.21 0.00 | 26.75 -0.03 0.00 | 25.93 0.03 0.00 | 25.48 0.00 0.00 | 25.65 0.18 0.00 | 26.48 0.18 0.00 | 27.88 -0.11 0.00 | 28.93 -0.26 0.00 | 31.08 -0.38 0.00 | 32.03 -0.32 0.00 | 32.54 -0.46 0.00 | 32.43 -0.56 0.00 | 31.29 -0.54 0.00 | 30.22 -0.62 0.00 | 29.46 -0.39 0.00 | 30.10 -0.46 0.00 | 30.48 -0.40 0.00 | 39.84 -0.08 0.00 | 46.00 -0.09 0.00 | 55.75 0.50 0.00 | 56.52 0.73 0.00 | 45.49 0.58 0.00 | 37.03 0.65 0.00 | 32.58 0.76 0.00 |
| HICKLING___2 23622 | 30.05 0.21 0.00 | 26.75 -0.03 0.00 | 25.93 0.03 0.00 | 25.48 0.00 0.00 | 25.65 0.18 0.00 | 26.48 0.18 0.00 | 27.88 -0.11 0.00 | 28.93 -0.26 0.00 | 31.08 -0.38 0.00 | 32.03 -0.32 0.00 | 32.54 -0.46 0.00 | 32.43 -0.56 0.00 | 31.29 -0.54 0.00 | 30.22 -0.62 0.00 | 29.46 -0.39 0.00 | 30.10 -0.46 0.00 | 30.48 -0.40 0.00 | 39.84 -0.08 0.00 | 46.00 -0.09 0.00 | 55.75 0.50 0.00 | 56.52 0.73 0.00 | 45.49 0.58 0.00 | 37.03 0.65 0.00 | 32.58 0.76 0.00 |
| HIGH FALLS___HY 23754 | 31.69 1.85 0.00 | 28.51 1.74 0.00 | 27.51 1.61 0.00 | 26.95 1.48 0.00 | 26.92 1.45 0.00 | 27.80 1.50 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.03 1.57 0.00 | 33.94 1.59 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.68 1.85 0.00 | 32.72 1.88 0.00 | 31.70 1.85 0.00 | 32.69 2.14 0.00 | 33.16 2.28 0.00 | 42.75 2.83 0.00 | 49.54 3.46 0.00 | 59.51 4.25 0.00 | 60.37 4.58 0.00 | 48.41 3.50 0.00 | 38.89 2.51 0.00 | 33.85 2.04 0.00 |
| HIGH_RIVER___SOLAR 323847 | 31.12 1.28 0.00 | 27.92 1.15 0.00 | 27.02 1.11 0.00 | 26.54 1.07 0.00 | 26.52 1.04 0.00 | 27.40 1.10 0.00 | 29.14 1.15 0.00 | 30.25 1.05 0.00 | 32.37 0.91 0.00 | 33.16 0.81 0.00 | 33.73 0.73 0.00 | 33.71 0.72 0.00 | 32.50 0.67 0.00 | 31.43 0.58 0.00 | 30.33 0.48 0.00 | 31.04 0.49 0.00 | 31.46 0.59 0.00 | 40.96 1.04 0.00 | 47.66 1.57 0.00 | 57.57 2.32 0.00 | 58.42 2.62 0.00 | 46.98 2.07 0.00 | 38.02 1.64 0.00 | 33.18 1.37 0.00 |
| HILLBURN___GT 23639 | 31.60 1.76 0.00 | 28.30 1.53 0.00 | 27.41 1.50 0.00 | 26.85 1.37 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.44 1.45 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.77 1.94 0.00 | 32.82 1.98 0.00 | 31.79 1.94 0.00 | 32.78 2.23 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.36 3.27 0.00 | 59.06 3.81 0.00 | 59.81 4.02 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.66 1.84 0.00 |
| HILLSIDE_115KV_TB1 80332 | 29.84 0.00 0.00 | 26.59 -0.19 0.00 | 25.78 -0.13 0.00 | 25.30 -0.18 0.00 | 25.42 -0.05 0.00 | 26.27 -0.03 0.00 | 27.71 -0.28 0.00 | 28.79 -0.41 0.00 | 30.92 -0.53 0.00 | 31.87 -0.49 0.00 | 32.41 -0.59 0.00 | 32.29 -0.69 0.00 | 31.16 -0.67 0.00 | 30.13 -0.71 0.00 | 29.37 -0.48 0.00 | 30.00 -0.55 0.00 | 30.38 -0.49 0.00 | 39.60 -0.32 0.00 | 45.67 -0.41 0.00 | 55.25 0.00 0.00 | 55.96 0.17 0.00 | 45.04 0.13 0.00 | 36.63 0.25 0.00 | 32.23 0.41 0.00 |

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| HISHELDN_WT_PWR 323625 | 28.41 -1.43 0.00 | 25.52 -1.26 0.00 | 24.46 -1.45 0.00 | 24.20 -1.27 0.00 | 24.20 -1.27 0.00 | 24.85 -1.45 0.00 | 26.14 -1.85 0.00 | 27.12 -2.07 0.00 | 29.10 -2.36 0.00 | 30.19 -2.17 0.00 | 30.56 -2.44 0.00 | 30.48 -2.51 0.00 | 29.28 -2.55 0.00 | 28.28 -2.56 0.00 | 27.67 -2.18 0.00 | 28.26 -2.29 0.00 | 28.62 -2.25 0.00 | 37.41 -2.51 0.00 | 42.95 -3.14 0.00 | 51.99 -3.26 0.00 | 52.62 -3.18 0.00 | 42.40 -2.51 0.00 | 35.14 -1.24 0.00 | 31.02 -0.79 0.00 |
| HOLTSVILLE_IC_1 23690 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| HOLTSVILLE_IC_10 23699 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.20 3.37 -0.01 |
| HOLTSVILLE_IC_2 23691 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| HOLTSVILLE_IC_3 23692 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| HOLTSVILLE_IC_4 23693 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| HOLTSVILLE_IC_5 23694 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| HOLTSVILLE_IC_6 23695 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.20 3.37 -0.01 |
| HOLTSVILLE_IC_7 23696 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.20 3.37 -0.01 |
| HOLTSVILLE_IC_8 23697 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.20 3.37 -0.01 |
| HOLTSVILLE_IC_9 23698 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.20 3.37 -0.01 |
| HOMER_HL_115KV_TB2 355744 | 28.17 -1.67 0.00 | 24.87 -1.90 0.00 | 24.17 -1.74 0.00 | 23.64 -1.83 0.00 | 23.82 -1.66 0.00 | 24.64 -1.66 0.00 | 25.86 -2.13 0.00 | 26.80 -2.39 0.00 | 28.75 -2.71 0.00 | 29.90 -2.46 0.00 | 30.30 -2.71 0.00 | 30.12 -2.87 0.00 | 28.96 -2.86 0.00 | 28.03 -2.81 0.00 | 27.49 -2.36 0.00 | 28.14 -2.41 0.00 | 28.59 -2.28 0.00 | 37.21 -2.71 0.00 | 42.68 -3.41 0.00 | 51.39 -3.87 0.00 | 51.89 -3.91 0.00 | 41.99 -2.92 0.00 | 34.42 -1.96 0.00 | 30.64 -1.18 0.00 |
| HOWARD_WT_PWR 323690 | 29.25 -0.60 0.00 | 26.29 -0.48 0.00 | 25.31 -0.59 0.00 | 25.07 -0.41 0.00 | 25.14 -0.33 0.00 | 25.93 -0.37 0.00 | 27.29 -0.70 0.00 | 28.29 -0.91 0.00 | 30.33 -1.13 0.00 | 31.26 -1.10 0.00 | 31.68 -1.32 0.00 | 31.57 -1.42 0.00 | 30.40 -1.43 0.00 | 29.36 -1.48 0.00 | 28.68 -1.16 0.00 | 29.30 -1.25 0.00 | 29.70 -1.17 0.00 | 39.04 -0.88 0.00 | 45.17 -0.92 0.00 | 55.03 -0.22 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.85 0.47 0.00 | 32.39 0.57 0.00 |
| HQ_GEN_CEDARS 23644 | 29.45 -0.39 0.00 | 26.48 -0.29 0.00 | 25.65 -0.26 0.00 | 25.22 -0.25 0.00 | 25.27 -0.20 0.00 | 26.06 -0.24 0.00 | 27.85 -0.14 0.00 | 29.05 -0.15 0.00 | 31.43 -0.03 0.00 | 32.16 -0.19 0.00 | 32.80 -0.20 0.00 | 32.82 -0.16 0.00 | 31.61 -0.22 0.00 | 30.60 -0.25 0.00 | 29.52 -0.33 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.60 -0.32 0.00 | 45.86 -0.23 0.00 | 54.70 -0.55 0.00 | 55.13 -0.67 0.00 | 44.55 -0.36 0.00 | 36.02 -0.36 0.00 | 31.40 -0.41 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 29.45 -0.39 0.00 | 26.48 -0.29 0.00 | 25.65 -0.26 0.00 | 25.20 -0.28 0.00 | 25.27 -0.20 0.00 | 26.06 -0.24 0.00 | 27.85 -0.14 0.00 | 29.05 -0.15 0.00 | 31.43 -0.03 0.00 | 32.16 -0.19 0.00 | 32.77 -0.23 0.00 | 32.79 -0.20 0.00 | 31.61 -0.22 0.00 | 30.59 -0.25 0.00 | 29.52 -0.33 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.60 -0.32 0.00 | 45.86 -0.23 0.00 | 54.70 -0.55 0.00 | 55.13 -0.67 0.00 | 44.55 -0.36 0.00 | 36.05 -0.33 0.00 | 31.40 -0.41 0.00 |

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| HQ_GEN_CHPE_PROXY 323851 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.82 1.52 0.00 | 29.61 1.62 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.47 2.59 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 59.98 4.19 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| HQ_GEN_IMPORT 323601 | 29.54 -0.30 0.00 | 26.53 -0.24 0.00 | 25.70 -0.21 0.00 | 25.27 -0.20 0.00 | 25.27 -0.20 0.00 | 26.09 -0.21 0.00 | 27.82 -0.17 0.00 | 29.02 -0.17 0.00 | 31.36 -0.09 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.86 -0.13 0.00 | 31.70 -0.13 0.00 | 30.69 -0.15 0.00 | 29.70 -0.15 0.00 | 30.37 -0.18 0.00 | 30.72 -0.15 0.00 | 39.76 -0.16 0.00 | 45.90 -0.18 0.00 | 54.92 -0.33 0.00 | 55.29 -0.50 0.00 | 44.55 -0.36 0.00 | 36.09 -0.29 0.00 | 31.50 -0.32 0.00 |
| HQ_GEN_WHEEL 23651 | 29.54 -0.30 0.00 | 26.53 -0.24 0.00 | 25.70 -0.21 0.00 | 25.27 -0.20 0.00 | 25.27 -0.20 0.00 | 26.09 -0.21 0.00 | 27.82 -0.17 0.00 | 29.02 -0.17 0.00 | 31.36 -0.09 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.86 -0.13 0.00 | 31.70 -0.13 0.00 | 30.69 -0.15 0.00 | 29.70 -0.15 0.00 | 30.37 -0.18 0.00 | 30.72 -0.15 0.00 | 39.76 -0.16 0.00 | 45.90 -0.18 0.00 | 54.92 -0.33 0.00 | 55.29 -0.50 0.00 | 44.55 -0.36 0.00 | 36.09 -0.29 0.00 | 31.50 -0.32 0.00 |
| HUDSON_AVE_GT_3 23810 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 27.00 1.53 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.10 1.75 0.00 | 34.95 1.95 0.00 | 35.07 2.08 0.00 | 33.99 2.16 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.15 4.35 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| HUDSON_AVE_GT_4 23540 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 27.00 1.53 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.10 1.75 0.00 | 34.95 1.95 0.00 | 35.07 2.08 0.00 | 33.99 2.16 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.15 4.35 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| HUDSON_AVE_GT_5 23657 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 27.00 1.53 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.10 1.75 0.00 | 34.95 1.95 0.00 | 35.07 2.08 0.00 | 33.99 2.16 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.15 4.35 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| HUDSON_AVE_10 24168 | 31.69 1.85 0.00 | 28.57 1.79 0.00 | 27.51 1.61 0.00 | 26.93 1.45 0.00 | 26.90 1.43 0.00 | 27.77 1.47 0.00 | 29.58 1.60 0.00 | 30.83 1.64 0.00 | 33.00 1.54 0.00 | 34.01 1.65 0.00 | 34.82 1.82 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.91 2.06 0.00 | 32.97 2.41 0.00 | 33.44 2.56 0.00 | 42.87 2.95 0.00 | 49.59 3.50 0.00 | 59.29 4.03 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.82 2.44 0.00 | 33.72 1.91 0.00 |
| HUDSON___115KV_TB 4 355613 | 31.42 1.58 0.00 | 28.25 1.47 0.00 | 27.31 1.40 0.00 | 26.85 1.38 0.00 | 26.77 1.30 0.00 | 27.61 1.31 0.00 | 29.36 1.37 0.00 | 30.51 1.31 0.00 | 32.56 1.10 0.00 | 33.42 1.07 0.00 | 34.03 1.02 0.00 | 33.98 0.99 0.00 | 32.78 0.95 0.00 | 31.77 0.93 0.00 | 30.69 0.84 0.00 | 31.53 0.98 0.00 | 31.83 0.96 0.00 | 41.20 1.28 0.00 | 47.79 1.71 0.00 | 57.57 2.32 0.00 | 58.47 2.68 0.00 | 46.93 2.02 0.00 | 38.09 1.71 0.00 | 33.34 1.53 0.00 |
| HUNTER MOUNT___DRP 323613 | 31.54 1.70 0.00 | 28.35 1.58 0.00 | 27.41 1.50 0.00 | 26.95 1.48 0.00 | 26.87 1.40 0.00 | 27.72 1.42 0.00 | 29.47 1.48 0.00 | 30.57 1.37 0.00 | 32.59 1.13 0.00 | 33.46 1.10 0.00 | 34.03 1.02 0.00 | 33.98 0.99 0.00 | 32.78 0.95 0.00 | 31.74 0.89 0.00 | 30.66 0.81 0.00 | 31.50 0.95 0.00 | 31.83 0.96 0.00 | 41.28 1.36 0.00 | 47.93 1.84 0.00 | 57.80 2.54 0.00 | 58.75 2.96 0.00 | 47.11 2.20 0.00 | 38.24 1.86 0.00 | 33.47 1.65 0.00 |
| HUNTINGTON_RES_REC 323705 | 32.53 2.69 0.00 | 28.94 2.17 0.00 | 28.06 2.15 0.00 | 27.51 2.04 0.00 | 27.46 1.99 0.00 | 28.38 2.08 0.00 | 30.28 2.30 0.00 | 31.71 2.51 0.00 | 33.75 2.30 0.00 | 34.81 2.46 0.00 | 38.35 2.74 -2.61 | 39.16 2.84 -3.33 | 40.11 2.83 -5.45 | 43.28 2.81 -9.63 | 40.57 2.84 -7.88 | 42.00 3.18 -8.27 | 47.54 3.37 -13.30 | 50.05 4.07 -6.06 | 52.13 4.79 -1.25 | 60.85 5.58 -0.01 | 61.71 5.75 -0.17 | 52.55 4.67 -2.97 | 42.70 3.78 -2.54 | 34.91 3.09 -0.01 |
| HUNTLEY___63 23557 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.54 -1.76 0.00 | 25.61 -2.38 0.00 | 26.62 -2.57 0.01 | 28.62 -2.83 0.01 | 29.77 -2.59 0.00 | 30.13 -2.87 0.00 | 29.98 -3.00 0.01 | 28.77 -3.06 0.01 | 27.78 -3.05 0.01 | 27.21 -2.63 0.01 | 27.83 -2.72 0.01 | 28.13 -2.75 0.00 | 36.69 -3.23 0.00 | 41.94 -4.15 0.00 | 50.61 -4.64 0.00 | 51.11 -4.69 0.00 | 41.27 -3.64 0.00 | 34.31 -2.07 0.00 | 30.51 -1.30 0.00 |
| HUNTLEY___64 23558 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.54 -1.76 0.00 | 25.61 -2.38 0.00 | 26.62 -2.57 0.01 | 28.62 -2.83 0.01 | 29.77 -2.59 0.00 | 30.13 -2.87 0.00 | 29.98 -3.00 0.01 | 28.77 -3.06 0.01 | 27.78 -3.05 0.01 | 27.21 -2.63 0.01 | 27.83 -2.72 0.01 | 28.13 -2.75 0.00 | 36.69 -3.23 0.00 | 41.94 -4.15 0.00 | 50.61 -4.64 0.00 | 51.11 -4.69 0.00 | 41.27 -3.64 0.00 | 34.31 -2.07 0.00 | 30.51 -1.30 0.00 |
| HUNTLEY___65 23559 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.54 -1.76 0.00 | 25.61 -2.38 0.00 | 26.62 -2.57 0.01 | 28.62 -2.83 0.01 | 29.77 -2.59 0.00 | 30.13 -2.87 0.00 | 29.98 -3.00 0.01 | 28.77 -3.06 0.01 | 27.78 -3.05 0.01 | 27.21 -2.63 0.01 | 27.83 -2.72 0.01 | 28.13 -2.75 0.00 | 36.69 -3.23 0.00 | 41.94 -4.15 0.00 | 50.61 -4.64 0.00 | 51.11 -4.69 0.00 | 41.27 -3.64 0.00 | 34.31 -2.07 0.00 | 30.51 -1.30 0.00 |
| HUNTLEY___66 23560 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.54 -1.76 0.00 | 25.61 -2.38 0.00 | 26.62 -2.57 0.01 | 28.62 -2.83 0.01 | 29.77 -2.59 0.00 | 30.13 -2.87 0.00 | 29.98 -3.00 0.01 | 28.77 -3.06 0.01 | 27.78 -3.05 0.01 | 27.21 -2.63 0.01 | 27.83 -2.72 0.01 | 28.13 -2.75 0.00 | 36.69 -3.23 0.00 | 41.94 -4.15 0.00 | 50.61 -4.64 0.00 | 51.11 -4.69 0.00 | 41.27 -3.64 0.00 | 34.31 -2.07 0.00 | 30.51 -1.30 0.00 |
| HUNTLEY___67 23561 | 28.08 -1.76 0.00 | 24.71 -2.06 0.00 | 24.12 -1.79 0.00 | 23.56 -1.91 0.00 | 23.77 -1.71 0.00 | 24.49 -1.81 0.00 | 25.64 -2.35 0.00 | 26.69 -2.51 0.00 | 28.66 -2.80 0.00 | 29.80 -2.56 0.00 | 30.16 -2.84 0.00 | 30.02 -2.97 0.00 | 28.84 -2.99 0.00 | 27.88 -2.96 0.00 | 27.31 -2.54 0.00 | 27.90 -2.66 0.00 | 28.22 -2.66 0.00 | 36.73 -3.19 0.00 | 41.99 -4.10 0.00 | 50.67 -4.59 0.00 | 51.11 -4.69 0.00 | 41.32 -3.59 0.00 | 34.31 -2.07 0.00 | 30.41 -1.40 0.00 |

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| HUNTLEY___68 23562 | 28.08 -1.76 0.00 | 24.71 -2.06 0.00 | 24.12 -1.79 0.00 | 23.56 -1.91 0.00 | 23.77 -1.71 0.00 | 24.49 -1.81 0.00 | 25.64 -2.35 0.00 | 26.69 -2.51 0.00 | 28.66 -2.80 0.00 | 29.80 -2.56 0.00 | 30.16 -2.84 0.00 | 30.02 -2.97 0.00 | 28.84 -2.99 0.00 | 27.88 -2.96 0.00 | 27.31 -2.54 0.00 | 27.90 -2.66 0.00 | 28.22 -2.66 0.00 | 36.73 -3.19 0.00 | 41.99 -4.10 0.00 | 50.67 -4.59 0.00 | 51.11 -4.69 0.00 | 41.32 -3.59 0.00 | 34.31 -2.07 0.00 | 30.41 -1.40 0.00 |
| HYLAND___LFGE 323620 | 30.47 0.63 0.00 | 27.34 0.56 0.00 | 26.27 0.36 0.00 | 25.98 0.51 0.00 | 26.01 0.54 0.00 | 26.69 0.40 0.00 | 28.13 0.14 0.00 | 29.17 -0.03 0.00 | 31.02 -0.44 0.00 | 31.61 -0.74 0.00 | 31.85 -1.16 0.00 | 31.63 -1.35 0.00 | 30.37 -1.46 0.00 | 29.36 -1.48 0.00 | 28.62 -1.23 0.00 | 29.30 -1.25 0.00 | 29.80 -1.08 0.00 | 39.44 -0.48 0.00 | 46.13 0.05 0.00 | 56.86 1.60 0.00 | 58.03 2.23 0.00 | 46.48 1.57 0.00 | 37.94 1.56 0.00 | 33.09 1.27 0.00 |
| INDECK___CORINTH 23802 | 31.81 1.97 0.00 | 28.51 1.74 0.00 | 27.62 1.71 0.00 | 27.13 1.65 0.00 | 27.08 1.61 0.00 | 28.01 1.71 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 34.65 1.65 0.00 | 34.57 1.58 0.00 | 33.26 1.43 0.00 | 32.04 1.20 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.30 1.42 0.00 | 41.95 2.03 0.00 | 48.90 2.81 0.00 | 59.06 3.81 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.89 2.51 0.00 | 33.95 2.13 0.00 |
| INDECK___ILION 23567 | 30.23 0.39 0.00 | 27.23 0.46 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.36 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.46 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| INDECK___OLEAN 23982 | 28.17 -1.67 0.00 | 25.17 -1.61 0.00 | 24.17 -1.74 0.00 | 23.84 -1.63 0.00 | 23.82 -1.66 0.00 | 24.54 -1.76 0.00 | 25.86 -2.13 0.00 | 26.80 -2.39 0.00 | 28.75 -2.71 0.00 | 29.93 -2.43 0.00 | 30.30 -2.71 0.00 | 30.15 -2.84 0.00 | 29.00 -2.83 0.00 | 28.03 -2.81 0.00 | 27.49 -2.36 0.00 | 28.14 -2.41 0.00 | 28.56 -2.32 0.00 | 37.20 -2.72 0.00 | 42.63 -3.46 0.00 | 51.38 -3.87 0.00 | 51.89 -3.91 0.00 | 41.94 -2.97 0.00 | 34.56 -1.82 0.00 | 30.64 -1.18 0.00 |
| INDECK___OSWEGO 23783 | 29.36 -0.48 0.00 | 26.32 -0.46 0.00 | 25.44 -0.47 0.00 | 25.04 -0.43 0.00 | 25.04 -0.43 0.00 | 25.85 -0.45 0.00 | 27.48 -0.50 0.00 | 28.67 -0.52 0.00 | 30.86 -0.60 0.00 | 31.74 -0.62 0.00 | 32.31 -0.69 0.00 | 32.26 -0.73 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.82 -0.73 0.00 | 30.14 -0.74 0.00 | 39.00 -0.92 0.00 | 44.94 -1.15 0.00 | 54.09 -1.16 0.00 | 54.79 -1.00 0.00 | 44.06 -0.85 0.00 | 35.73 -0.65 0.00 | 31.30 -0.51 0.00 |
| INDECK___YERKES 23781 | 28.14 -1.70 0.00 | 25.30 -1.47 0.00 | 24.22 -1.68 0.00 | 23.97 -1.50 0.00 | 23.89 -1.58 0.00 | 24.41 -1.89 0.00 | 25.61 -2.38 0.00 | 26.65 -2.54 0.01 | 28.62 -2.83 0.01 | 29.83 -2.52 0.00 | 30.16 -2.84 0.00 | 30.04 -2.94 0.01 | 28.77 -3.06 0.01 | 27.81 -3.02 0.01 | 27.24 -2.60 0.01 | 27.83 -2.72 0.01 | 28.16 -2.72 0.00 | 36.72 -3.20 0.00 | 41.99 -4.10 0.00 | 50.67 -4.59 0.00 | 51.16 -4.63 0.00 | 41.27 -3.64 0.00 | 34.45 -1.93 0.00 | 30.54 -1.27 0.00 |
| INDIAN POINT_GT_1 24139 | 31.60 1.76 0.00 | 28.43 1.66 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.47 1.48 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.82 1.97 0.00 | 31.79 1.94 0.00 | 32.75 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.31 3.23 0.00 | 59.07 3.81 0.00 | 59.76 3.96 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.66 1.85 0.00 |
| INDIAN POINT_GT_2 23659 | 31.60 1.76 0.00 | 28.43 1.66 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.47 1.48 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.82 1.97 0.00 | 31.79 1.94 0.00 | 32.75 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.31 3.23 0.00 | 59.07 3.81 0.00 | 59.76 3.96 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.66 1.85 0.00 |
| INDIAN POINT_GT_3 24019 | 31.60 1.76 0.00 | 28.43 1.66 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.47 1.48 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.82 1.97 0.00 | 31.79 1.94 0.00 | 32.75 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.31 3.23 0.00 | 59.07 3.81 0.00 | 59.76 3.96 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.66 1.85 0.00 |
| INDIAN POINT___2 23530 | 31.57 1.73 0.00 | 28.30 1.53 0.00 | 27.38 1.48 0.00 | 26.85 1.37 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.44 1.45 0.00 | 30.71 1.52 0.00 | 32.88 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.76 1.91 0.00 | 32.76 2.20 0.00 | 33.19 2.32 0.00 | 42.64 2.72 0.00 | 49.31 3.23 0.00 | 59.01 3.76 0.00 | 59.70 3.90 0.00 | 48.05 3.14 0.00 | 38.67 2.29 0.00 | 33.63 1.81 0.00 |
| INDIAN POINT___3 23531 | 31.57 1.73 0.00 | 28.41 1.63 0.00 | 27.39 1.48 0.00 | 26.83 1.35 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.44 1.46 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.72 1.72 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.78 1.94 0.00 | 31.76 1.91 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.63 2.71 0.00 | 49.27 3.18 0.00 | 59.01 3.76 0.00 | 59.70 3.91 0.00 | 48.05 3.14 0.00 | 38.64 2.26 0.00 | 33.63 1.81 0.00 |
| INDIANHD_69_KV_BK1 55831 | 32.65 2.81 0.00 | 29.18 2.41 0.00 | 28.14 2.23 0.00 | 27.36 1.89 0.00 | 27.54 2.06 0.00 | 28.46 2.16 0.00 | 30.37 2.38 0.00 | 31.80 2.60 0.00 | 33.85 2.39 0.00 | 34.91 2.56 0.00 | 38.45 2.84 -2.61 | 39.26 2.94 -3.33 | 40.21 2.93 -5.45 | 43.37 2.90 -9.63 | 40.66 2.93 -7.88 | 42.12 3.30 -8.27 | 47.66 3.49 -13.30 | 50.25 4.27 -6.06 | 52.36 5.02 -1.25 | 61.13 5.86 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.77 3.86 -2.54 | 35.04 3.21 -0.01 |
| INGHAM_C_115KV_TB7 356103 | 30.23 0.39 0.00 | 27.23 0.46 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.36 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.46 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| IP CORINTH___1 23988 | 31.81 1.97 0.00 | 28.54 1.77 0.00 | 27.62 1.71 0.00 | 27.13 1.66 0.00 | 27.08 1.60 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 34.65 1.65 0.00 | 34.60 1.62 0.00 | 33.26 1.43 0.00 | 32.04 1.20 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.30 1.42 0.00 | 41.96 2.04 0.00 | 48.90 2.81 0.00 | 59.07 3.81 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.89 2.51 0.00 | 33.95 2.13 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP___TICONDEROGA 23804 | 32.83 2.98 0.00 | 29.45 2.68 0.00 | 28.55 2.64 0.00 | 28.02 2.55 0.00 | 27.94 2.47 0.00 | 28.85 2.55 0.00 | 30.73 2.74 0.00 | 31.85 2.66 0.00 | 34.10 2.64 0.00 | 35.17 2.81 0.00 | 35.61 2.61 0.00 | 35.46 2.47 0.00 | 33.96 2.13 0.00 | 32.69 1.85 0.00 | 31.46 1.61 0.00 | 32.30 1.74 0.00 | 32.95 2.07 0.00 | 42.95 3.03 0.00 | 50.37 4.29 0.00 | 61.33 6.08 0.00 | 62.38 6.58 0.00 | 49.90 4.99 0.00 | 40.31 3.93 0.00 | 35.09 3.28 0.00 |
| ISLIP_RES_REC 323679 | 32.85 3.01 0.00 | 29.21 2.44 0.00 | 28.34 2.43 0.00 | 27.79 2.32 0.00 | 27.74 2.27 0.00 | 28.67 2.37 0.00 | 30.59 2.60 0.00 | 32.06 2.86 0.00 | 34.13 2.67 0.00 | 35.17 2.81 0.00 | 38.75 3.14 -2.61 | 39.52 3.20 -3.33 | 40.46 3.18 -5.45 | 43.59 3.11 -9.63 | 40.90 3.16 -7.88 | 42.37 3.54 -8.27 | 47.94 3.77 -13.30 | 50.65 4.67 -6.06 | 52.91 5.57 -1.25 | 61.79 6.52 -0.01 | 62.55 6.58 -0.17 | 53.22 5.34 -2.97 | 43.17 4.25 -2.54 | 35.33 3.50 -0.01 |
| JAMAICA__27_KV_LOAD 355505 | 31.72 1.88 0.00 | 28.62 1.85 0.00 | 27.57 1.66 0.00 | 26.98 1.50 0.00 | 26.95 1.48 0.00 | 27.85 1.55 0.00 | 29.72 1.74 0.00 | 30.98 1.78 0.00 | 33.13 1.67 0.00 | 34.10 1.75 0.00 | 34.82 1.82 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.94 2.10 0.00 | 31.94 2.09 0.00 | 33.00 2.44 0.00 | 33.50 2.62 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.40 4.14 0.00 | 60.04 4.24 0.00 | 48.32 3.41 0.00 | 39.00 2.62 0.00 | 33.82 2.00 0.00 |
| JANIS___SOLAR 323808 | 31.09 1.25 0.00 | 27.82 1.04 0.00 | 26.89 0.98 0.00 | 26.44 0.97 0.00 | 26.49 1.02 0.00 | 27.38 1.08 0.00 | 28.94 0.95 0.00 | 30.13 0.93 0.00 | 32.37 0.91 0.00 | 33.07 0.71 0.00 | 33.46 0.46 0.00 | 33.25 0.26 0.00 | 31.96 0.13 0.00 | 30.93 0.09 0.00 | 29.91 0.06 0.00 | 30.65 0.09 0.00 | 31.15 0.28 0.00 | 40.92 1.00 0.00 | 47.70 1.61 0.00 | 58.01 2.76 0.00 | 59.03 3.23 0.00 | 47.38 2.47 0.00 | 38.27 1.89 0.00 | 33.34 1.53 0.00 |
| JARVIS____ 23743 | 30.02 0.18 0.00 | 26.93 0.16 0.00 | 26.06 0.16 0.00 | 25.63 0.15 0.00 | 25.63 0.15 0.00 | 26.46 0.16 0.00 | 28.16 0.17 0.00 | 29.37 0.18 0.00 | 31.62 0.16 0.00 | 32.52 0.16 0.00 | 33.17 0.17 0.00 | 33.15 0.17 0.00 | 31.99 0.16 0.00 | 31.00 0.15 0.00 | 30.00 0.15 0.00 | 30.74 0.18 0.00 | 31.03 0.16 0.00 | 40.12 0.20 0.00 | 46.32 0.23 0.00 | 55.59 0.33 0.00 | 56.19 0.39 0.00 | 45.23 0.32 0.00 | 36.64 0.26 0.00 | 32.04 0.22 0.00 |
| JENNISON___1 23625 | 31.27 1.43 0.00 | 27.95 1.18 0.00 | 27.07 1.17 0.00 | 26.55 1.07 0.00 | 26.62 1.15 0.00 | 27.51 1.21 0.00 | 28.94 0.95 0.00 | 30.25 1.05 0.00 | 32.65 1.20 0.00 | 33.52 1.16 0.00 | 34.13 1.12 0.00 | 33.94 0.96 0.00 | 32.66 0.83 0.00 | 31.67 0.83 0.00 | 30.63 0.78 0.00 | 31.35 0.79 0.00 | 31.74 0.86 0.00 | 41.44 1.52 0.00 | 48.12 2.03 0.00 | 58.18 2.93 0.00 | 59.20 3.40 0.00 | 47.56 2.65 0.00 | 38.38 2.00 0.00 | 33.44 1.62 0.00 |
| JENNISON___2 23626 | 31.27 1.43 0.00 | 27.95 1.18 0.00 | 27.07 1.17 0.00 | 26.55 1.07 0.00 | 26.62 1.15 0.00 | 27.51 1.21 0.00 | 28.94 0.95 0.00 | 30.25 1.05 0.00 | 32.65 1.20 0.00 | 33.52 1.16 0.00 | 34.13 1.12 0.00 | 33.94 0.96 0.00 | 32.66 0.83 0.00 | 31.67 0.83 0.00 | 30.63 0.78 0.00 | 31.35 0.79 0.00 | 31.74 0.86 0.00 | 41.44 1.52 0.00 | 48.12 2.03 0.00 | 58.18 2.93 0.00 | 59.20 3.40 0.00 | 47.56 2.65 0.00 | 38.38 2.00 0.00 | 33.44 1.62 0.00 |
| JERICO_RISE_WT_PWR 323719 | 29.25 -0.60 0.00 | 26.32 -0.46 0.00 | 25.52 -0.39 0.00 | 25.14 -0.33 0.00 | 25.22 -0.25 0.00 | 26.06 -0.24 0.00 | 27.85 -0.14 0.00 | 29.05 -0.15 0.00 | 31.43 -0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.86 -0.13 0.00 | 31.64 -0.19 0.00 | 30.63 -0.21 0.00 | 29.55 -0.30 0.00 | 30.22 -0.34 0.00 | 30.57 -0.31 0.00 | 39.60 -0.32 0.00 | 45.86 -0.23 0.00 | 54.76 -0.50 0.00 | 55.07 -0.73 0.00 | 44.37 -0.54 0.00 | 35.80 -0.58 0.00 | 31.15 -0.67 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 31.72 1.88 0.00 | 28.54 1.77 0.00 | 27.54 1.63 0.00 | 26.95 1.48 0.00 | 26.90 1.43 0.00 | 27.80 1.50 0.00 | 29.58 1.60 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.04 1.68 0.00 | 34.98 1.98 0.00 | 35.03 2.05 0.00 | 33.90 2.07 0.00 | 32.97 2.13 0.00 | 31.91 2.06 0.00 | 32.91 2.35 0.00 | 33.35 2.47 0.00 | 42.87 2.95 0.00 | 49.54 3.46 0.00 | 59.40 4.14 0.00 | 60.09 4.30 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| KCE_NY_1 323755 | 31.54 1.70 0.00 | 28.30 1.53 0.00 | 27.38 1.48 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.77 1.47 0.00 | 29.50 1.51 0.00 | 30.71 1.52 0.00 | 32.97 1.51 0.00 | 33.97 1.62 0.00 | 34.55 1.55 0.00 | 34.51 1.52 0.00 | 33.23 1.40 0.00 | 32.11 1.27 0.00 | 31.01 1.16 0.00 | 31.81 1.25 0.00 | 32.20 1.33 0.00 | 41.76 1.84 0.00 | 48.44 2.35 0.00 | 58.35 3.09 0.00 | 59.20 3.40 0.00 | 47.56 2.65 0.00 | 38.49 2.11 0.00 | 33.66 1.84 0.00 |
| KCE_NY_6_ESR 323823 | 28.23 -1.61 0.00 | 25.35 -1.42 0.00 | 24.28 -1.63 0.00 | 24.02 -1.45 0.00 | 23.94 -1.53 0.00 | 24.59 -1.71 0.00 | 25.86 -2.13 0.00 | 26.92 -2.28 0.00 | 28.88 -2.58 0.00 | 30.09 -2.27 0.00 | 30.43 -2.57 0.00 | 30.32 -2.67 0.00 | 29.06 -2.77 0.00 | 28.10 -2.75 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.12 -2.80 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.81 -3.10 0.00 | 34.78 -1.60 0.00 | 30.73 -1.08 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 32.71 2.87 0.00 | 29.10 2.33 0.00 | 28.21 2.31 0.00 | 27.67 2.19 0.00 | 27.61 2.14 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.01 2.65 0.00 | 38.58 2.97 -2.61 | 39.35 3.03 -3.33 | 40.30 3.03 -5.45 | 43.43 2.96 -9.63 | 40.75 3.01 -7.88 | 42.21 3.39 -8.27 | 47.75 3.58 -13.30 | 50.41 4.43 -6.06 | 52.59 5.25 -1.25 | 61.46 6.19 -0.01 | 62.16 6.19 -0.17 | 52.96 5.07 -2.97 | 42.95 4.04 -2.54 | 35.17 3.34 -0.01 |
| KEDC_PORT_JEFF_GT3 24211 | 32.71 2.87 0.00 | 29.10 2.33 0.00 | 28.21 2.31 0.00 | 27.67 2.19 0.00 | 27.61 2.14 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.01 2.65 0.00 | 38.58 2.97 -2.61 | 39.35 3.03 -3.33 | 40.30 3.03 -5.45 | 43.43 2.96 -9.63 | 40.75 3.01 -7.88 | 42.21 3.39 -8.27 | 47.75 3.58 -13.30 | 50.41 4.43 -6.06 | 52.59 5.25 -1.25 | 61.46 6.19 -0.01 | 62.16 6.19 -0.17 | 52.96 5.07 -2.97 | 42.95 4.04 -2.54 | 35.17 3.34 -0.01 |
| KEDC_GLWD_GT4 24219 | 32.11 2.27 0.00 | 28.67 1.90 0.00 | 27.78 1.87 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.06 1.76 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.80 2.48 -3.33 | 39.83 2.55 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.49 3.51 -6.06 | 51.49 4.15 -1.25 | 60.13 4.86 -0.01 | 60.99 5.02 -0.17 | 51.88 4.00 -2.97 | 41.93 3.02 -2.53 | 34.28 2.45 -0.01 |
| KEDC_GLWD_GT5 24220 | 32.11 2.27 0.00 | 28.67 1.90 0.00 | 27.78 1.87 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.06 1.76 0.00 | 29.89 1.90 0.00 | 31.24 2.04 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.99 2.38 -2.61 | 38.80 2.48 -3.33 | 39.83 2.55 -5.45 | 43.03 2.56 -9.63 | 40.24 2.51 -7.88 | 41.63 2.81 -8.27 | 47.14 2.96 -13.30 | 49.49 3.51 -6.06 | 51.49 4.15 -1.25 | 60.13 4.86 -0.01 | 60.99 5.02 -0.17 | 51.88 4.00 -2.97 | 41.93 3.02 -2.53 | 34.28 2.45 -0.01 |

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| KENSICO____ 23655 | 31.66 1.82 0.00 | 28.51 1.74 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.55 1.57 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.01 1.65 0.00 | 34.85 1.85 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.79 2.87 0.00 | 49.45 3.36 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.19 3.28 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 31.66 1.82 0.00 | 28.49 1.71 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.90 1.43 0.00 | 27.77 1.47 0.00 | 29.55 1.57 0.00 | 30.74 1.55 0.00 | 32.97 1.51 0.00 | 33.88 1.52 0.00 | 34.65 1.65 0.00 | 34.74 1.75 0.00 | 33.58 1.75 0.00 | 32.63 1.79 0.00 | 31.58 1.73 0.00 | 32.57 2.02 0.00 | 33.04 2.16 0.00 | 42.63 2.71 0.00 | 49.41 3.32 0.00 | 59.34 4.09 0.00 | 60.26 4.46 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.82 2.00 0.00 |
| KIAC_JFK_GT1 23816 | 31.57 1.73 0.00 | 28.49 1.71 0.00 | 27.44 1.53 0.00 | 26.85 1.38 0.00 | 26.82 1.35 0.00 | 27.72 1.42 0.00 | 29.58 1.60 0.00 | 30.83 1.64 0.00 | 32.97 1.51 0.00 | 33.94 1.59 0.00 | 34.65 1.65 0.00 | 34.80 1.81 0.00 | 33.74 1.91 0.00 | 32.78 1.94 0.00 | 31.79 1.94 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.75 2.83 0.00 | 49.45 3.36 0.00 | 59.07 3.81 0.00 | 59.53 3.74 0.00 | 48.10 3.19 0.00 | 38.78 2.40 0.00 | 33.66 1.85 0.00 |
| KIAC_JFK_GT2 23817 | 31.57 1.73 0.00 | 28.49 1.71 0.00 | 27.44 1.53 0.00 | 26.85 1.38 0.00 | 26.82 1.35 0.00 | 27.72 1.42 0.00 | 29.58 1.60 0.00 | 30.83 1.64 0.00 | 32.97 1.51 0.00 | 33.94 1.59 0.00 | 34.65 1.65 0.00 | 34.80 1.81 0.00 | 33.74 1.91 0.00 | 32.78 1.94 0.00 | 31.79 1.94 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.75 2.83 0.00 | 49.45 3.36 0.00 | 59.07 3.81 0.00 | 59.53 3.74 0.00 | 48.10 3.19 0.00 | 38.78 2.40 0.00 | 33.66 1.85 0.00 |
| KIAC_JFK____ 323774 | 31.57 1.73 0.00 | 28.33 1.55 0.00 | 27.44 1.53 0.00 | 26.88 1.40 0.00 | 26.82 1.35 0.00 | 27.72 1.42 0.00 | 29.58 1.59 0.00 | 30.83 1.63 0.00 | 32.97 1.51 0.00 | 33.94 1.59 0.00 | 34.65 1.65 0.00 | 34.77 1.78 0.00 | 33.74 1.91 0.00 | 32.79 1.94 0.00 | 31.79 1.94 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.75 2.83 0.00 | 49.50 3.41 0.00 | 59.06 3.81 0.00 | 59.42 3.62 0.00 | 48.10 3.19 0.00 | 38.85 2.48 0.00 | 33.66 1.84 0.00 |
| KINTIGH_24_KV_GSU 356498 | 28.35 -1.49 0.00 | 25.44 -1.34 0.00 | 24.38 -1.53 0.00 | 24.12 -1.35 0.00 | 24.02 -1.45 0.00 | 24.64 -1.66 0.00 | 25.97 -2.02 0.00 | 27.07 -2.13 0.00 | 29.13 -2.33 0.00 | 30.22 -2.14 0.00 | 30.60 -2.41 0.00 | 30.51 -2.47 0.00 | 29.28 -2.55 0.00 | 28.35 -2.50 0.00 | 27.70 -2.15 0.00 | 28.26 -2.29 0.00 | 28.59 -2.28 0.00 | 37.20 -2.72 0.00 | 42.54 -3.55 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.77 -3.14 0.00 | 34.71 -1.67 0.00 | 30.61 -1.21 0.00 |
| KINTIGH____ 23543 | 28.35 -1.49 0.00 | 25.03 -1.74 0.00 | 24.38 -1.53 0.00 | 23.87 -1.60 0.00 | 24.02 -1.45 0.00 | 24.75 -1.55 0.00 | 25.97 -2.02 0.00 | 27.07 -2.13 0.00 | 29.13 -2.33 0.00 | 30.19 -2.17 0.00 | 30.59 -2.41 0.00 | 30.48 -2.51 0.00 | 29.28 -2.55 0.00 | 28.34 -2.50 0.00 | 27.70 -2.15 0.00 | 28.26 -2.29 0.00 | 28.59 -2.28 0.00 | 37.21 -2.71 0.00 | 42.59 -3.50 0.00 | 51.33 -3.92 0.00 | 51.83 -3.96 0.00 | 41.81 -3.10 0.00 | 34.60 -1.78 0.00 | 30.61 -1.21 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 29.63 -0.21 0.00 | 26.67 -0.11 0.00 | 25.86 -0.05 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 28.24 0.25 0.00 | 29.49 0.29 0.00 | 31.87 0.41 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.28 0.30 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.20 0.28 0.00 | 46.59 0.51 0.00 | 55.64 0.39 0.00 | 56.02 0.22 0.00 | 45.13 0.22 0.00 | 36.38 0.00 0.00 | 31.62 -0.19 0.00 |
| LACHUTE____HYDRO 323717 | 32.83 2.98 0.00 | 29.45 2.68 0.00 | 28.55 2.64 0.00 | 28.02 2.55 0.00 | 27.94 2.47 0.00 | 28.98 2.68 0.00 | 30.73 2.74 0.00 | 31.85 2.66 0.00 | 34.10 2.64 0.00 | 35.17 2.81 0.00 | 35.61 2.61 0.00 | 35.46 2.48 0.00 | 33.96 2.13 0.00 | 32.69 1.85 0.00 | 31.46 1.61 0.00 | 32.30 1.74 0.00 | 32.95 2.07 0.00 | 42.95 3.03 0.00 | 50.37 4.29 0.00 | 61.33 6.08 0.00 | 62.38 6.58 0.00 | 49.89 4.98 0.00 | 40.31 3.93 0.00 | 35.09 3.28 0.00 |
| LAWRNCV_115KV_TB1 80681 | 29.16 -0.69 0.00 | 26.21 -0.56 0.00 | 25.36 -0.54 0.00 | 24.94 -0.53 0.00 | 25.01 -0.46 0.00 | 25.85 -0.45 0.00 | 27.65 -0.34 0.00 | 28.88 -0.32 0.00 | 31.21 -0.25 0.00 | 31.77 -0.58 0.00 | 32.34 -0.66 0.00 | 32.36 -0.63 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.10 -0.75 0.00 | 29.70 -0.86 0.00 | 29.95 -0.93 0.00 | 38.96 -0.96 0.00 | 45.21 -0.88 0.00 | 53.98 -1.27 0.00 | 54.46 -1.34 0.00 | 44.01 -0.90 0.00 | 35.62 -0.76 0.00 | 31.05 -0.76 0.00 |
| LEDERLE____ 23769 | 31.69 1.85 0.00 | 28.51 1.74 0.00 | 27.49 1.58 0.00 | 26.93 1.45 0.00 | 26.90 1.43 0.00 | 27.77 1.47 0.00 | 29.55 1.57 0.00 | 30.83 1.64 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.85 1.85 0.00 | 34.97 1.98 0.00 | 33.87 2.04 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.88 2.32 0.00 | 33.35 2.47 0.00 | 42.83 2.91 0.00 | 49.54 3.46 0.00 | 59.29 4.03 0.00 | 60.04 4.24 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 29.60 -0.24 0.00 | 26.48 -0.29 0.00 | 25.65 -0.26 0.00 | 25.19 -0.28 0.00 | 25.27 -0.20 0.00 | 26.14 -0.16 0.00 | 27.79 -0.20 0.00 | 29.05 -0.15 0.00 | 31.27 -0.19 0.00 | 32.03 -0.32 0.00 | 32.61 -0.40 0.00 | 32.49 -0.49 0.00 | 31.32 -0.51 0.00 | 30.35 -0.49 0.00 | 29.37 -0.48 0.00 | 29.94 -0.61 0.00 | 30.29 -0.59 0.00 | 39.32 -0.60 0.00 | 45.49 -0.60 0.00 | 54.98 -0.28 0.00 | 55.91 0.11 0.00 | 44.95 0.04 0.00 | 36.38 0.00 0.00 | 31.75 -0.06 0.00 |
| LINDEN COGEN____ 23786 | 31.63 1.79 0.00 | 28.38 1.61 0.00 | 27.46 1.55 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.72 1.42 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.84 2.01 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.80 2.88 0.00 | 49.50 3.41 0.00 | 59.12 3.87 0.00 | 59.76 3.96 0.00 | 48.15 3.24 0.00 | 38.74 2.36 0.00 | 33.66 1.84 0.00 |
| LINDHRST_69_KV_BK1 356055 | 32.80 2.95 0.00 | 29.32 2.54 0.00 | 28.27 2.36 0.00 | 27.49 2.01 0.00 | 27.64 2.17 0.00 | 28.59 2.29 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 34.01 2.55 0.00 | 35.07 2.72 0.00 | 38.65 3.04 -2.61 | 39.46 3.13 -3.33 | 40.40 3.12 -5.45 | 43.62 3.15 -9.63 | 40.84 3.10 -7.88 | 42.28 3.45 -8.27 | 47.82 3.64 -13.30 | 50.45 4.47 -6.06 | 52.64 5.30 -1.25 | 61.51 6.24 -0.01 | 62.38 6.42 -0.17 | 53.05 5.16 -2.97 | 42.92 4.00 -2.53 | 35.17 3.34 -0.01 |
| LIPA_MISC_IPP 23656 | 32.68 2.83 0.00 | 29.21 2.44 0.00 | 28.19 2.28 0.00 | 27.39 1.91 0.00 | 27.61 2.14 0.00 | 28.54 2.24 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 34.98 2.62 0.00 | 38.55 2.94 -2.61 | 39.32 3.00 -3.33 | 40.21 2.93 -5.45 | 43.34 2.87 -9.63 | 40.69 2.96 -7.88 | 42.18 3.36 -8.27 | 47.73 3.55 -13.30 | 50.37 4.39 -6.06 | 52.59 5.25 -1.25 | 61.40 6.13 -0.01 | 62.10 6.14 -0.17 | 52.91 5.03 -2.97 | 42.92 4.00 -2.54 | 35.17 3.34 -0.01 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| LISF___SOLAR 323691 | 32.74 2.89 0.00 | 29.10 2.33 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.66 2.19 0.00 | 28.59 2.29 0.00 | 30.53 2.55 0.00 | 31.97 2.78 0.00 | 34.01 2.55 0.00 | 35.01 2.65 0.00 | 38.58 2.97 -2.61 | 39.35 3.03 -3.33 | 40.24 2.96 -5.45 | 43.37 2.90 -9.63 | 40.75 3.01 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.68 5.34 -1.25 | 61.62 6.35 -0.01 | 62.21 6.25 -0.17 | 53.04 5.16 -2.97 | 43.03 4.11 -2.54 | 35.24 3.41 -0.01 |
| LITTLE FALLS___HYD 24013 | 30.23 0.39 0.00 | 27.23 0.46 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.36 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.46 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| LITTLRIV_115KV_TB1 356100 | 29.33 -0.51 0.00 | 26.34 -0.43 0.00 | 25.52 -0.39 0.00 | 25.09 -0.38 0.00 | 25.19 -0.28 0.00 | 26.01 -0.29 0.00 | 27.85 -0.14 0.00 | 29.02 -0.18 0.00 | 31.30 -0.16 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.26 -0.73 0.00 | 31.07 -0.76 0.00 | 30.07 -0.77 0.00 | 29.04 -0.81 0.00 | 29.64 -0.92 0.00 | 29.95 -0.93 0.00 | 39.00 -0.92 0.00 | 45.44 -0.65 0.00 | 54.42 -0.83 0.00 | 54.96 -0.84 0.00 | 44.42 -0.49 0.00 | 35.91 -0.47 0.00 | 31.27 -0.54 0.00 |
| LI_NEWBRDGE___DRP 323616 | 32.11 2.27 0.00 | 28.75 1.98 0.00 | 27.72 1.81 0.00 | 26.98 1.50 0.00 | 27.13 1.66 0.00 | 28.01 1.71 0.00 | 29.89 1.90 0.00 | 31.27 2.07 0.00 | 33.35 1.89 0.00 | 34.39 2.04 0.00 | 37.92 2.31 -2.61 | 38.73 2.41 -3.33 | 39.73 2.45 -5.45 | 42.94 2.47 -9.63 | 40.18 2.45 -7.88 | 41.57 2.75 -8.27 | 47.08 2.90 -13.30 | 49.41 3.43 -6.06 | 51.39 4.06 -1.25 | 60.02 4.75 -0.01 | 60.88 4.91 -0.17 | 51.83 3.95 -2.97 | 41.97 3.06 -2.54 | 34.34 2.51 -0.01 |
| LOCKPORT_115KV_TB60_63_64 80432 | 27.84 -2.00 0.00 | 24.52 -2.25 0.00 | 23.94 -1.97 0.00 | 23.39 -2.09 0.00 | 23.59 -1.88 0.00 | 24.30 -2.00 0.00 | 25.44 -2.55 0.00 | 26.48 -2.72 0.00 | 28.44 -3.02 0.00 | 29.54 -2.81 0.00 | 29.90 -3.10 0.00 | 29.72 -3.27 0.00 | 28.55 -3.28 0.00 | 27.60 -3.24 0.00 | 27.01 -2.84 0.00 | 27.59 -2.96 0.00 | 27.91 -2.96 0.00 | 36.41 -3.51 0.00 | 41.66 -4.42 0.00 | 50.34 -4.92 0.00 | 50.83 -4.97 0.00 | 41.05 -3.86 0.00 | 34.09 -2.29 0.00 | 30.19 -1.62 0.00 |
| LOCKPORT___CC1 323769 | 27.90 -1.94 0.00 | 25.06 -1.71 0.00 | 23.97 -1.94 0.00 | 23.74 -1.73 0.00 | 23.64 -1.83 0.00 | 24.22 -2.08 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.50 -2.96 0.00 | 29.64 -2.72 0.00 | 29.97 -3.04 0.00 | 29.85 -3.13 0.00 | 28.58 -3.25 0.00 | 27.63 -3.21 0.00 | 27.07 -2.78 0.00 | 27.65 -2.90 0.00 | 27.97 -2.90 0.00 | 36.45 -3.47 0.00 | 41.71 -4.38 0.00 | 50.34 -4.92 0.00 | 50.83 -4.97 0.00 | 41.00 -3.91 0.00 | 34.27 -2.11 0.00 | 30.26 -1.56 0.00 |
| LOCKPORT___CC2 323770 | 27.90 -1.94 0.00 | 25.06 -1.71 0.00 | 23.97 -1.94 0.00 | 23.74 -1.73 0.00 | 23.64 -1.83 0.00 | 24.22 -2.08 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.50 -2.96 0.00 | 29.64 -2.72 0.00 | 29.97 -3.04 0.00 | 29.85 -3.13 0.00 | 28.58 -3.25 0.00 | 27.63 -3.21 0.00 | 27.07 -2.78 0.00 | 27.65 -2.90 0.00 | 27.97 -2.90 0.00 | 36.45 -3.47 0.00 | 41.71 -4.38 0.00 | 50.34 -4.92 0.00 | 50.83 -4.97 0.00 | 41.00 -3.91 0.00 | 34.27 -2.11 0.00 | 30.26 -1.56 0.00 |
| LOCKPORT___CC3 323771 | 27.90 -1.94 0.00 | 25.06 -1.71 0.00 | 23.97 -1.94 0.00 | 23.74 -1.73 0.00 | 23.64 -1.83 0.00 | 24.22 -2.08 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.50 -2.96 0.00 | 29.64 -2.72 0.00 | 29.97 -3.04 0.00 | 29.85 -3.13 0.00 | 28.58 -3.25 0.00 | 27.63 -3.21 0.00 | 27.07 -2.78 0.00 | 27.65 -2.90 0.00 | 27.97 -2.90 0.00 | 36.45 -3.47 0.00 | 41.71 -4.38 0.00 | 50.34 -4.92 0.00 | 50.83 -4.97 0.00 | 41.00 -3.91 0.00 | 34.27 -2.11 0.00 | 30.26 -1.56 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 32.32 2.48 0.00 | 28.97 2.20 0.00 | 27.93 2.02 0.00 | 27.21 1.73 0.00 | 27.31 1.83 0.00 | 28.22 1.92 0.00 | 30.09 2.10 0.00 | 31.47 2.28 0.00 | 33.60 2.14 0.00 | 34.65 2.30 0.00 | 38.22 2.61 -2.61 | 39.06 2.74 -3.33 | 40.05 2.77 -5.45 | 43.25 2.78 -9.63 | 40.45 2.72 -7.88 | 41.85 3.02 -8.27 | 47.35 3.18 -13.30 | 49.81 3.83 -6.06 | 51.81 4.47 -1.25 | 60.52 5.25 -0.01 | 61.38 5.41 -0.17 | 52.19 4.31 -2.97 | 42.22 3.31 -2.53 | 34.57 2.74 -0.01 |
| LONG_LAKE_PHOENIX 24014 | 29.36 -0.48 0.00 | 26.32 -0.46 0.00 | 25.47 -0.44 0.00 | 25.02 -0.46 0.00 | 25.04 -0.43 0.00 | 25.85 -0.45 0.00 | 27.48 -0.50 0.00 | 28.67 -0.53 0.00 | 30.86 -0.60 0.00 | 31.74 -0.61 0.00 | 32.34 -0.66 0.00 | 32.26 -0.73 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.20 -1.05 0.00 | 54.85 -0.95 0.00 | 44.10 -0.81 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| LOVETT___3 23632 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.71 1.88 0.00 | 32.75 1.91 0.00 | 31.73 1.88 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.59 2.67 0.00 | 49.27 3.18 0.00 | 58.96 3.70 0.00 | 59.65 3.85 0.00 | 48.01 3.10 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| LOVETT___4 23642 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.71 1.88 0.00 | 32.75 1.91 0.00 | 31.73 1.88 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.59 2.67 0.00 | 49.27 3.18 0.00 | 58.96 3.70 0.00 | 59.65 3.85 0.00 | 48.01 3.10 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| LOVETT___5 23593 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.71 1.88 0.00 | 32.75 1.91 0.00 | 31.73 1.88 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.59 2.67 0.00 | 49.27 3.18 0.00 | 58.96 3.70 0.00 | 59.65 3.85 0.00 | 48.01 3.10 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| LOWER RAQUET___HYD 24057 | 29.07 -0.78 0.00 | 26.10 -0.67 0.00 | 25.31 -0.59 0.00 | 24.86 -0.61 0.00 | 24.96 -0.51 0.00 | 25.77 -0.53 0.00 | 27.60 -0.39 0.00 | 28.85 -0.35 0.00 | 31.14 -0.31 0.00 | 31.64 -0.71 0.00 | 32.21 -0.79 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.95 -0.89 0.00 | 29.52 -1.04 0.00 | 29.83 -1.05 0.00 | 38.72 -1.20 0.00 | 44.98 -1.11 0.00 | 53.76 -1.49 0.00 | 54.29 -1.50 0.00 | 43.88 -1.03 0.00 | 35.54 -0.84 0.00 | 30.96 -0.86 0.00 |
| LOWER___HUDSON 24059 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.62 1.15 0.00 | 26.59 1.12 0.00 | 27.48 1.18 0.00 | 29.22 1.23 0.00 | 30.45 1.25 0.00 | 32.65 1.20 0.00 | 33.62 1.26 0.00 | 34.26 1.25 0.00 | 34.24 1.25 0.00 | 33.04 1.21 0.00 | 32.01 1.17 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.02 1.14 0.00 | 41.44 1.52 0.00 | 47.93 1.85 0.00 | 57.52 2.27 0.00 | 58.36 2.57 0.00 | 46.93 2.02 0.00 | 37.98 1.60 0.00 | 33.34 1.53 0.00 |

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| LOWVILLE_115KV_TB2 356335 | 29.19 -0.66 0.00 | 26.10 -0.67 0.00 | 25.31 -0.60 0.00 | 24.89 -0.59 0.00 | 25.04 -0.43 0.00 | 26.12 -0.18 0.00 | 28.10 0.11 0.00 | 29.58 0.38 0.00 | 31.84 0.38 0.00 | 32.45 0.10 0.00 | 32.94 -0.07 0.00 | 32.79 -0.20 0.00 | 31.54 -0.29 0.00 | 30.63 -0.22 0.00 | 29.55 -0.30 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.92 0.00 0.00 | 46.55 0.46 0.00 | 56.36 1.11 0.00 | 57.36 1.56 0.00 | 46.12 1.21 0.00 | 37.22 0.84 0.00 | 32.32 0.51 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 31.51 1.67 0.00 | 28.30 1.53 0.00 | 27.39 1.48 0.00 | 26.90 1.43 0.00 | 26.82 1.35 0.00 | 27.69 1.39 0.00 | 29.47 1.48 0.00 | 30.69 1.49 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.52 1.52 0.00 | 34.47 1.48 0.00 | 33.20 1.37 0.00 | 32.11 1.26 0.00 | 30.98 1.13 0.00 | 31.78 1.22 0.00 | 32.20 1.33 0.00 | 41.72 1.80 0.00 | 48.44 2.35 0.00 | 58.29 3.04 0.00 | 59.14 3.35 0.00 | 47.51 2.60 0.00 | 38.49 2.11 0.00 | 33.63 1.81 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 31.54 1.70 0.00 | 28.33 1.55 0.00 | 27.39 1.48 0.00 | 26.93 1.45 0.00 | 26.85 1.38 0.00 | 27.72 1.42 0.00 | 29.50 1.51 0.00 | 30.71 1.52 0.00 | 32.97 1.51 0.00 | 33.97 1.62 0.00 | 34.55 1.55 0.00 | 34.50 1.52 0.00 | 33.23 1.40 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.81 1.25 0.00 | 32.20 1.33 0.00 | 41.76 1.84 0.00 | 48.44 2.35 0.00 | 58.35 3.09 0.00 | 59.20 3.40 0.00 | 47.56 2.65 0.00 | 38.53 2.15 0.00 | 33.66 1.85 0.00 |
| LWR__OSWEGATCHIE_HYD 23850 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.34 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.40 -0.39 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| LYONS_FALL_HYD 23570 | 29.63 -0.21 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.25 -0.23 0.00 | 25.37 -0.10 0.00 | 26.38 0.08 0.00 | 28.27 0.28 0.00 | 29.66 0.47 0.00 | 31.96 0.50 0.00 | 32.68 0.32 0.00 | 33.20 0.20 0.00 | 33.05 0.07 0.00 | 31.83 0.00 0.00 | 30.87 0.03 0.00 | 29.82 -0.03 0.00 | 30.49 -0.06 0.00 | 30.82 -0.06 0.00 | 40.24 0.32 0.00 | 46.78 0.69 0.00 | 56.58 1.32 0.00 | 57.58 1.78 0.00 | 46.26 1.35 0.00 | 37.36 0.98 0.00 | 32.45 0.64 0.00 |
| MADISON__COUNTY_LFGE 323628 | 30.44 0.60 0.00 | 27.23 0.46 0.00 | 26.40 0.49 0.00 | 25.91 0.43 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.55 0.56 0.00 | 29.81 0.61 0.00 | 32.12 0.66 0.00 | 32.94 0.58 0.00 | 33.53 0.53 0.00 | 33.42 0.43 0.00 | 32.21 0.38 0.00 | 31.24 0.40 0.00 | 30.21 0.36 0.00 | 30.89 0.34 0.00 | 31.25 0.37 0.00 | 40.64 0.72 0.00 | 47.10 1.01 0.00 | 56.86 1.60 0.00 | 57.75 1.95 0.00 | 46.39 1.48 0.00 | 37.51 1.13 0.00 | 32.67 0.86 0.00 |
| MALONE__115KV_TB1 356076 | 29.45 -0.39 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.30 -0.18 0.00 | 25.37 -0.10 0.00 | 26.22 -0.08 0.00 | 28.10 0.11 0.00 | 29.34 0.15 0.00 | 31.71 0.25 0.00 | 32.45 0.10 0.00 | 33.04 0.03 0.00 | 33.02 0.03 0.00 | 31.77 -0.06 0.00 | 30.75 -0.09 0.00 | 29.64 -0.21 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.80 -0.12 0.00 | 46.18 0.09 0.00 | 55.14 -0.11 0.00 | 55.57 -0.22 0.00 | 44.82 -0.09 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 31.18 1.34 0.00 | 27.98 1.20 0.00 | 27.07 1.17 0.00 | 26.62 1.15 0.00 | 26.54 1.07 0.00 | 27.38 1.08 0.00 | 29.13 1.15 0.00 | 30.36 1.17 0.00 | 32.50 1.04 0.00 | 33.49 1.13 0.00 | 34.19 1.19 0.00 | 34.18 1.19 0.00 | 33.01 1.18 0.00 | 31.95 1.11 0.00 | 30.89 1.04 0.00 | 31.72 1.16 0.00 | 31.93 1.05 0.00 | 41.16 1.24 0.00 | 47.52 1.43 0.00 | 57.02 1.77 0.00 | 57.80 2.01 0.00 | 46.48 1.57 0.00 | 37.76 1.38 0.00 | 33.09 1.27 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 29.21 -0.63 0.00 | 26.24 -0.54 0.00 | 25.47 -0.44 0.00 | 25.09 -0.38 0.00 | 25.17 -0.30 0.00 | 26.04 -0.26 0.00 | 27.79 -0.19 0.00 | 29.02 -0.17 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.90 -0.10 0.00 | 32.89 -0.10 0.00 | 31.70 -0.13 0.00 | 30.72 -0.12 0.00 | 29.70 -0.15 0.00 | 30.40 -0.15 0.00 | 30.72 -0.15 0.00 | 39.72 -0.20 0.00 | 45.90 -0.18 0.00 | 54.92 -0.33 0.00 | 55.35 -0.45 0.00 | 44.51 -0.40 0.00 | 35.98 -0.40 0.00 | 31.43 -0.38 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 29.21 -0.63 0.00 | 26.24 -0.54 0.00 | 25.47 -0.44 0.00 | 25.09 -0.38 0.00 | 25.17 -0.30 0.00 | 26.04 -0.26 0.00 | 27.79 -0.19 0.00 | 29.02 -0.17 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.90 -0.10 0.00 | 32.89 -0.10 0.00 | 31.70 -0.13 0.00 | 30.72 -0.12 0.00 | 29.70 -0.15 0.00 | 30.40 -0.15 0.00 | 30.72 -0.15 0.00 | 39.72 -0.20 0.00 | 45.90 -0.18 0.00 | 54.92 -0.33 0.00 | 55.35 -0.45 0.00 | 44.51 -0.40 0.00 | 35.98 -0.40 0.00 | 31.43 -0.38 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 29.31 -0.54 0.00 | 26.37 -0.40 0.00 | 25.57 -0.34 0.00 | 25.17 -0.30 0.00 | 25.24 -0.23 0.00 | 26.09 -0.21 0.00 | 27.85 -0.14 0.00 | 29.08 -0.12 0.00 | 31.46 0.00 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.58 -0.27 0.00 | 30.25 -0.31 0.00 | 30.60 -0.28 0.00 | 39.64 -0.28 0.00 | 45.86 -0.23 0.00 | 54.81 -0.44 0.00 | 55.18 -0.61 0.00 | 44.46 -0.45 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| MARSHVLE_115KV_TB1 80742 | 31.39 1.55 0.00 | 28.14 1.37 0.00 | 27.26 1.35 0.00 | 26.75 1.27 0.00 | 26.72 1.25 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.51 1.31 0.00 | 32.62 1.16 0.00 | 33.33 0.97 0.00 | 33.83 0.83 0.00 | 33.78 0.79 0.00 | 32.56 0.73 0.00 | 31.46 0.62 0.00 | 30.30 0.45 0.00 | 30.95 0.40 0.00 | 31.28 0.40 0.00 | 40.88 0.96 0.00 | 47.84 1.75 0.00 | 58.29 3.04 0.00 | 59.25 3.46 0.00 | 47.51 2.60 0.00 | 38.49 2.11 0.00 | 33.50 1.69 0.00 |
| MARSH_HILL_WT_PWR 323713 | 29.21 -0.63 0.00 | 26.26 -0.51 0.00 | 25.31 -0.59 0.00 | 25.04 -0.43 0.00 | 25.12 -0.36 0.00 | 25.91 -0.39 0.00 | 27.26 -0.73 0.00 | 28.23 -0.96 0.00 | 30.26 -1.20 0.00 | 31.19 -1.16 0.00 | 31.62 -1.38 0.00 | 31.54 -1.45 0.00 | 30.33 -1.50 0.00 | 29.30 -1.54 0.00 | 28.62 -1.23 0.00 | 29.27 -1.28 0.00 | 29.67 -1.20 0.00 | 39.00 -0.92 0.00 | 45.12 -0.97 0.00 | 54.98 -0.27 0.00 | 55.85 0.06 0.00 | 44.87 -0.04 0.00 | 36.82 0.44 0.00 | 32.32 0.51 0.00 |
| MCINTYRE_115KV_TB2 80467 | 29.63 -0.21 0.00 | 26.61 -0.16 0.00 | 25.78 -0.13 0.00 | 25.32 -0.15 0.00 | 25.40 -0.08 0.00 | 26.22 -0.08 0.00 | 28.04 0.06 0.00 | 29.20 0.00 0.00 | 31.43 -0.03 0.00 | 31.93 -0.42 0.00 | 32.41 -0.59 0.00 | 32.43 -0.56 0.00 | 31.19 -0.64 0.00 | 30.22 -0.62 0.00 | 29.19 -0.66 0.00 | 29.85 -0.70 0.00 | 30.20 -0.68 0.00 | 39.36 -0.56 0.00 | 45.90 -0.18 0.00 | 55.03 -0.22 0.00 | 55.57 -0.22 0.00 | 44.95 0.04 0.00 | 36.27 -0.11 0.00 | 31.56 -0.25 0.00 |
| MECO____69_KV_BK1 80468 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.57 1.66 0.00 | 27.08 1.60 0.00 | 27.05 1.58 0.00 | 27.96 1.66 0.00 | 29.75 1.76 0.00 | 30.83 1.64 0.00 | 32.94 1.48 0.00 | 33.65 1.29 0.00 | 34.13 1.12 0.00 | 34.01 1.02 0.00 | 32.69 0.86 0.00 | 31.58 0.74 0.00 | 30.42 0.57 0.00 | 31.14 0.58 0.00 | 31.59 0.71 0.00 | 41.28 1.36 0.00 | 48.44 2.35 0.00 | 59.07 3.81 0.00 | 60.04 4.24 0.00 | 48.14 3.23 0.00 | 38.93 2.55 0.00 | 33.88 2.07 0.00 |

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| MENANDS__115KV_TB5 355628 | 31.10 1.25 0.00 | 27.92 1.15 0.00 | 27.00 1.09 0.00 | 26.57 1.10 0.00 | 26.47 0.99 0.00 | 27.33 1.03 0.00 | 29.08 1.09 0.00 | 30.31 1.11 0.00 | 32.40 0.94 0.00 | 33.39 1.04 0.00 | 34.09 1.09 0.00 | 34.11 1.12 0.00 | 32.91 1.08 0.00 | 31.89 1.05 0.00 | 30.83 0.99 0.00 | 31.65 1.10 0.00 | 31.83 0.96 0.00 | 41.00 1.08 0.00 | 47.33 1.24 0.00 | 56.69 1.44 0.00 | 57.47 1.67 0.00 | 46.26 1.35 0.00 | 37.62 1.24 0.00 | 32.96 1.15 0.00 |
| MG INDUSTRY__DRP 24185 | 31.07 1.22 0.00 | 27.92 1.15 0.00 | 27.00 1.09 0.00 | 26.57 1.10 0.00 | 26.47 0.99 0.00 | 27.30 1.00 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 33.96 0.96 0.00 | 33.94 0.96 0.00 | 32.75 0.92 0.00 | 31.71 0.86 0.00 | 30.66 0.81 0.00 | 31.44 0.89 0.00 | 31.74 0.86 0.00 | 40.96 1.04 0.00 | 47.38 1.29 0.00 | 56.91 1.66 0.00 | 57.69 1.90 0.00 | 46.44 1.53 0.00 | 37.69 1.31 0.00 | 32.99 1.18 0.00 |
| MID__OSWEGATCHIE_HYD 23849 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.34 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.40 -0.39 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| MID__RAQUETTE_HYD 23851 | 29.07 -0.78 0.00 | 26.13 -0.64 0.00 | 25.31 -0.60 0.00 | 24.89 -0.59 0.00 | 24.96 -0.51 0.00 | 25.77 -0.53 0.00 | 27.60 -0.39 0.00 | 28.85 -0.35 0.00 | 31.14 -0.31 0.00 | 31.64 -0.71 0.00 | 32.21 -0.79 0.00 | 32.23 -0.76 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.95 -0.90 0.00 | 29.52 -1.04 0.00 | 29.80 -1.08 0.00 | 38.76 -1.16 0.00 | 45.03 -1.06 0.00 | 53.76 -1.49 0.00 | 54.29 -1.51 0.00 | 43.88 -1.03 0.00 | 35.51 -0.87 0.00 | 30.96 -0.86 0.00 |
| MILLIKEN__1 23584 | 30.47 0.63 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.41 0.42 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.71 0.36 0.00 | 33.23 0.23 0.00 | 33.12 0.13 0.00 | 31.93 0.10 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.03 0.15 0.00 | 40.44 0.52 0.00 | 46.78 0.69 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.08 1.17 0.00 | 37.33 0.95 0.00 | 32.64 0.83 0.00 |
| MILLIKEN__2 23585 | 30.47 0.63 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.41 0.42 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.71 0.36 0.00 | 33.23 0.23 0.00 | 33.12 0.13 0.00 | 31.93 0.10 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.03 0.15 0.00 | 40.44 0.52 0.00 | 46.78 0.69 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.08 1.17 0.00 | 37.33 0.95 0.00 | 32.64 0.83 0.00 |
| MILLIKEN__DIESEL 23629 | 30.47 0.63 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.41 0.42 0.00 | 29.63 0.44 0.00 | 31.87 0.41 0.00 | 32.71 0.36 0.00 | 33.23 0.23 0.00 | 33.12 0.13 0.00 | 31.93 0.10 0.00 | 30.90 0.06 0.00 | 29.97 0.12 0.00 | 30.65 0.09 0.00 | 31.03 0.15 0.00 | 40.44 0.52 0.00 | 46.78 0.69 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.08 1.17 0.00 | 37.33 0.95 0.00 | 32.64 0.83 0.00 |
| MILLSEAT__LFGE 323607 | 28.44 -1.40 0.00 | 25.52 -1.26 0.00 | 24.43 -1.48 0.00 | 24.20 -1.27 0.00 | 24.12 -1.35 0.00 | 24.69 -1.61 0.00 | 26.00 -1.99 0.00 | 27.12 -2.07 0.00 | 29.10 -2.36 0.00 | 30.15 -2.20 0.00 | 30.46 -2.54 0.00 | 30.31 -2.67 0.00 | 29.09 -2.74 0.00 | 28.13 -2.71 0.00 | 27.52 -2.33 0.00 | 28.05 -2.50 0.00 | 28.44 -2.44 0.00 | 37.20 -2.72 0.00 | 42.73 -3.36 0.00 | 51.77 -3.48 0.00 | 52.45 -3.35 0.00 | 42.22 -2.69 0.00 | 35.03 -1.35 0.00 | 30.80 -1.02 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 31.63 1.79 0.00 | 28.46 1.69 0.00 | 27.44 1.53 0.00 | 26.88 1.40 0.00 | 26.85 1.38 0.00 | 27.69 1.39 0.00 | 29.50 1.51 0.00 | 30.77 1.58 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.79 1.78 0.00 | 34.90 1.91 0.00 | 33.77 1.94 0.00 | 32.85 2.00 0.00 | 31.82 1.97 0.00 | 32.79 2.23 0.00 | 33.25 2.38 0.00 | 42.71 2.79 0.00 | 49.36 3.27 0.00 | 59.12 3.87 0.00 | 59.81 4.02 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.69 1.88 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 31.69 1.85 0.00 | 28.51 1.74 0.00 | 27.49 1.58 0.00 | 26.90 1.43 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.53 1.54 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 33.97 1.62 0.00 | 34.85 1.85 0.00 | 34.93 1.95 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.85 2.00 0.00 | 32.85 2.29 0.00 | 33.32 2.44 0.00 | 42.79 2.87 0.00 | 49.50 3.41 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.23 3.32 0.00 | 38.78 2.40 0.00 | 33.72 1.91 0.00 |
| MODEL_CITY_ENERGY 24167 | 27.57 -2.27 0.00 | 24.76 -2.01 0.00 | 23.68 -2.23 0.00 | 23.46 -2.01 0.00 | 23.33 -2.14 0.00 | 23.91 -2.39 0.00 | 25.16 -2.83 0.00 | 26.19 -3.01 0.00 | 28.12 -3.34 0.00 | 29.28 -3.07 0.00 | 29.57 -3.43 0.00 | 29.49 -3.50 0.00 | 28.26 -3.56 0.00 | 27.32 -3.52 0.00 | 26.74 -3.11 0.00 | 27.31 -3.24 0.00 | 27.64 -3.24 0.00 | 35.97 -3.95 0.00 | 41.11 -4.98 0.00 | 49.67 -5.58 0.00 | 50.10 -5.69 0.00 | 40.42 -4.49 0.00 | 33.83 -2.55 0.00 | 29.87 -1.94 0.00 |
| MODERN_LFGE__ 323580 | 27.57 -2.27 0.00 | 24.76 -2.01 0.00 | 23.68 -2.23 0.00 | 23.46 -2.01 0.00 | 23.33 -2.14 0.00 | 23.91 -2.39 0.00 | 25.16 -2.83 0.00 | 26.19 -3.01 0.00 | 28.12 -3.34 0.00 | 29.28 -3.07 0.00 | 29.57 -3.43 0.00 | 29.49 -3.50 0.00 | 28.26 -3.56 0.00 | 27.32 -3.52 0.00 | 26.74 -3.11 0.00 | 27.31 -3.24 0.00 | 27.64 -3.24 0.00 | 35.97 -3.95 0.00 | 41.11 -4.98 0.00 | 49.67 -5.58 0.00 | 50.10 -5.69 0.00 | 40.42 -4.49 0.00 | 33.83 -2.55 0.00 | 29.87 -1.94 0.00 |
| MOHAWK_PAPER__DRP 24187 | 31.18 1.34 0.00 | 27.98 1.20 0.00 | 27.07 1.17 0.00 | 26.62 1.15 0.00 | 26.54 1.07 0.00 | 27.38 1.08 0.00 | 29.13 1.15 0.00 | 30.36 1.17 0.00 | 32.50 1.04 0.00 | 33.49 1.13 0.00 | 34.19 1.19 0.00 | 34.18 1.19 0.00 | 33.01 1.18 0.00 | 31.95 1.11 0.00 | 30.89 1.04 0.00 | 31.72 1.16 0.00 | 31.93 1.05 0.00 | 41.16 1.24 0.00 | 47.52 1.43 0.00 | 57.02 1.77 0.00 | 57.80 2.01 0.00 | 46.48 1.57 0.00 | 37.76 1.38 0.00 | 33.09 1.27 0.00 |
| MOHICAN__35_KV_115KV_LD 80490 | 31.90 2.06 0.00 | 28.62 1.85 0.00 | 27.70 1.79 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.86 1.88 0.00 | 31.07 1.87 0.00 | 33.35 1.89 0.00 | 34.33 1.97 0.00 | 34.79 1.78 0.00 | 34.70 1.72 0.00 | 33.36 1.53 0.00 | 32.17 1.33 0.00 | 31.01 1.16 0.00 | 31.81 1.25 0.00 | 32.39 1.51 0.00 | 42.08 2.16 0.00 | 48.99 2.90 0.00 | 59.23 3.98 0.00 | 60.15 4.35 0.00 | 48.23 3.32 0.00 | 39.04 2.66 0.00 | 34.04 2.23 0.00 |
| MONGAUP__HYD 23641 | 31.54 1.70 0.00 | 28.30 1.53 0.00 | 27.38 1.48 0.00 | 26.85 1.37 0.00 | 26.80 1.32 0.00 | 27.69 1.39 0.00 | 29.44 1.45 0.00 | 30.60 1.40 0.00 | 32.72 1.26 0.00 | 33.58 1.23 0.00 | 34.32 1.32 0.00 | 34.37 1.39 0.00 | 33.23 1.40 0.00 | 32.26 1.42 0.00 | 31.25 1.40 0.00 | 32.23 1.68 0.00 | 32.73 1.85 0.00 | 42.23 2.31 0.00 | 49.08 2.99 0.00 | 59.01 3.76 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.69 1.88 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| MONTAUK___DIESEL 23721 | 32.32 2.48 0.00 | 28.97 2.20 0.00 | 28.16 2.25 0.00 | 27.46 1.99 0.00 | 27.76 2.29 0.00 | 28.82 2.52 0.00 | 30.90 2.91 0.00 | 32.47 3.27 0.00 | 34.51 3.05 0.00 | 35.40 3.04 0.00 | 39.01 3.40 -2.61 | 39.85 3.53 -3.33 | 40.78 3.50 -5.45 | 43.93 3.45 -9.63 | 41.32 3.58 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.33 5.35 -6.06 | 53.70 6.36 -1.25 | 62.67 7.40 -0.01 | 63.27 7.31 -0.17 | 53.81 5.93 -2.97 | 43.43 4.51 -2.54 | 35.62 3.79 -0.01 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 28.32 -1.52 0.00 | 24.98 -1.79 0.00 | 24.43 -1.48 0.00 | 23.95 -1.53 0.00 | 24.27 -1.20 0.00 | 25.12 -1.18 0.00 | 26.36 -1.62 0.00 | 27.41 -1.78 0.00 | 29.44 -2.01 0.00 | 30.71 -1.65 0.00 | 31.06 -1.95 0.00 | 30.88 -2.11 0.00 | 29.63 -2.20 0.00 | 28.62 -2.22 0.00 | 28.06 -1.79 0.00 | 28.72 -1.83 0.00 | 29.12 -1.76 0.00 | 38.00 -1.92 0.00 | 43.60 -2.49 0.00 | 52.66 -2.60 0.00 | 53.17 -2.62 0.00 | 42.98 -1.93 0.00 | 35.40 -0.98 0.00 | 31.37 -0.45 0.00 |
| MORRIS_RIDGE___SOLAR 323848 | 28.95 -0.89 0.00 | 25.97 -0.80 0.00 | 24.98 -0.93 0.00 | 24.69 -0.79 0.00 | 24.71 -0.76 0.00 | 25.43 -0.87 0.00 | 26.76 -1.23 0.00 | 27.65 -1.55 0.00 | 29.57 -1.89 0.00 | 30.58 -1.78 0.00 | 31.02 -1.98 0.00 | 30.94 -2.05 0.00 | 29.79 -2.04 0.00 | 28.74 -2.10 0.00 | 28.09 -1.76 0.00 | 28.69 -1.86 0.00 | 29.05 -1.82 0.00 | 38.08 -1.84 0.00 | 43.92 -2.17 0.00 | 53.37 -1.88 0.00 | 54.23 -1.56 0.00 | 43.65 -1.26 0.00 | 35.94 -0.43 0.00 | 31.66 -0.16 0.00 |
| MORTIMER_115KV_TB3 55949 | 29.27 -0.57 0.00 | 26.00 -0.78 0.00 | 25.23 -0.67 0.00 | 24.76 -0.71 0.00 | 24.86 -0.61 0.00 | 25.62 -0.68 0.00 | 27.04 -0.95 0.00 | 28.26 -0.93 0.00 | 30.42 -1.04 0.00 | 31.38 -0.97 0.00 | 31.88 -1.12 0.00 | 31.73 -1.25 0.00 | 30.59 -1.24 0.00 | 29.61 -1.23 0.00 | 28.83 -1.01 0.00 | 29.39 -1.16 0.00 | 29.77 -1.11 0.00 | 38.76 -1.16 0.00 | 44.61 -1.47 0.00 | 53.87 -1.38 0.00 | 54.57 -1.23 0.00 | 43.88 -1.03 0.00 | 35.87 -0.51 0.00 | 31.43 -0.38 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.57 1.66 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.44 0.00 | 33.47 2.59 0.00 | 42.95 3.03 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 31.81 1.97 0.00 | 28.41 1.63 0.00 | 27.52 1.61 0.00 | 26.98 1.50 0.00 | 27.10 1.63 0.00 | 27.98 1.68 0.00 | 29.53 1.54 0.00 | 30.83 1.63 0.00 | 33.25 1.79 0.00 | 34.04 1.68 0.00 | 34.52 1.52 0.00 | 34.24 1.25 0.00 | 32.88 1.05 0.00 | 31.83 0.99 0.00 | 30.74 0.89 0.00 | 31.44 0.89 0.00 | 31.86 0.99 0.00 | 41.99 2.07 0.00 | 48.99 2.91 0.00 | 59.73 4.47 0.00 | 60.99 5.19 0.00 | 48.91 4.00 0.00 | 39.40 3.02 0.00 | 34.17 2.35 0.00 |
| N SALMON___HYD 24042 | 29.45 -0.39 0.00 | 26.51 -0.27 0.00 | 25.70 -0.21 0.00 | 25.30 -0.18 0.00 | 25.37 -0.10 0.00 | 26.22 -0.08 0.00 | 28.10 0.11 0.00 | 29.34 0.15 0.00 | 31.71 0.25 0.00 | 32.45 0.10 0.00 | 33.04 0.03 0.00 | 33.02 0.03 0.00 | 31.77 -0.06 0.00 | 30.72 -0.12 0.00 | 29.64 -0.21 0.00 | 30.28 -0.28 0.00 | 30.66 -0.21 0.00 | 39.80 -0.12 0.00 | 46.18 0.09 0.00 | 55.14 -0.11 0.00 | 55.57 -0.22 0.00 | 44.82 -0.09 0.00 | 36.13 -0.25 0.00 | 31.40 -0.41 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 28.41 -1.43 0.00 | 25.03 -1.74 0.00 | 24.41 -1.50 0.00 | 23.87 -1.60 0.00 | 24.07 -1.40 0.00 | 24.77 -1.53 0.00 | 25.97 -2.02 0.00 | 27.06 -2.13 0.00 | 29.07 -2.39 0.00 | 30.12 -2.23 0.00 | 30.46 -2.54 0.00 | 30.25 -2.74 0.00 | 29.06 -2.77 0.00 | 28.10 -2.74 0.00 | 27.49 -2.36 0.00 | 28.05 -2.51 0.00 | 28.44 -2.44 0.00 | 37.17 -2.75 0.00 | 42.68 -3.41 0.00 | 51.72 -3.54 0.00 | 52.34 -3.46 0.00 | 42.13 -2.78 0.00 | 34.89 -1.49 0.00 | 30.76 -1.05 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 32.35 2.51 0.00 | 28.94 2.17 0.00 | 27.90 1.99 0.00 | 27.18 1.71 0.00 | 27.31 1.83 0.00 | 28.19 1.89 0.00 | 30.09 2.10 0.00 | 31.47 2.28 0.00 | 33.57 2.11 0.00 | 34.62 2.26 0.00 | 38.15 2.54 -2.61 | 38.99 2.67 -3.33 | 39.98 2.71 -5.45 | 43.19 2.71 -9.63 | 40.42 2.69 -7.88 | 41.82 2.99 -8.27 | 47.32 3.15 -13.30 | 49.81 3.83 -6.06 | 51.81 4.47 -1.25 | 60.57 5.30 -0.01 | 61.43 5.47 -0.17 | 52.24 4.36 -2.97 | 42.26 3.35 -2.53 | 34.60 2.77 -0.01 |
| N.E._GEN_SANDY PD 24062 | 36.50 1.52 -5.14 | 34.00 1.34 -5.89 | 32.36 1.29 -5.16 | 30.50 1.25 -3.78 | 30.60 1.20 -3.93 | 29.50 1.24 -1.96 | 32.40 1.32 -3.10 | 34.50 1.34 -3.96 | 35.10 1.26 -2.38 | 38.30 1.36 -4.59 | 39.80 1.45 -5.35 | 39.60 1.49 -5.13 | 36.80 1.50 -3.47 | 35.10 1.45 -2.81 | 33.10 1.40 -1.85 | 35.41 1.56 -3.30 | 39.20 1.48 -6.84 | 45.70 1.88 -3.90 | 48.30 2.21 0.00 | 57.80 2.54 0.00 | 59.60 2.84 -0.96 | 53.70 2.29 -6.50 | 46.70 1.78 -8.54 | 35.30 1.62 -1.86 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 31.60 1.76 0.00 | 28.43 1.66 0.00 | 27.41 1.50 0.00 | 26.85 1.38 0.00 | 26.82 1.35 0.00 | 27.67 1.37 0.00 | 29.44 1.46 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.87 1.88 0.00 | 33.74 1.91 0.00 | 32.82 1.97 0.00 | 31.79 1.94 0.00 | 32.75 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.36 3.27 0.00 | 59.07 3.81 0.00 | 59.81 4.02 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.66 1.85 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 31.99 2.15 0.00 | 28.92 2.14 0.00 | 27.88 1.97 0.00 | 27.28 1.81 0.00 | 27.23 1.76 0.00 | 27.88 1.58 0.00 | 29.53 1.54 0.00 | 30.77 1.58 0.00 | 32.97 1.51 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.83 2.01 0.00 | 32.91 2.07 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.05 3.14 0.00 | 38.60 2.22 0.00 | 33.53 1.72 0.00 |
| N.TROY___115KV_TB1 355778 | 31.21 1.37 0.00 | 28.03 1.26 0.00 | 27.10 1.19 0.00 | 26.65 1.17 0.00 | 26.59 1.12 0.00 | 27.46 1.16 0.00 | 29.22 1.23 0.00 | 30.45 1.26 0.00 | 32.65 1.20 0.00 | 33.62 1.26 0.00 | 34.26 1.25 0.00 | 34.27 1.29 0.00 | 33.04 1.21 0.00 | 32.01 1.17 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.02 1.14 0.00 | 41.44 1.52 0.00 | 47.98 1.89 0.00 | 57.52 2.27 0.00 | 58.36 2.57 0.00 | 46.93 2.02 0.00 | 38.05 1.67 0.00 | 33.34 1.53 0.00 |
| NARROWS_GT1_1 24228 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| NARROWS_GT1_2 24229 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |

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| NARROWS_GT1_3 24230 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT1_4 24231 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT1_5 24232 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT1_6 24233 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT1_7 24234 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT1_8 24235 | 31.99 <u>2.15</u> 0.00 | 28.70 <u>1.93</u> 0.00 | 27.80 <u>1.89</u> 0.00 | 27.23 <u>1.76</u> 0.00 | 27.18 <u>1.71</u> 0.00 | 27.93 <u>1.63</u> 0.00 | 29.69 <u>1.71</u> 0.00 | 30.89 <u>1.69</u> 0.00 | 33.09 <u>1.63</u> 0.00 | 34.10 <u>1.75</u> 0.00 | 34.98 <u>1.98</u> 0.00 | 35.13 <u>2.14</u> 0.00 | 34.02 <u>2.19</u> 0.00 | 33.09 <u>2.25</u> 0.00 | 32.09 <u>2.24</u> 0.00 | 33.15 <u>2.60</u> 0.00 | 33.66 <u>2.78</u> 0.00 | 43.19 <u>3.27</u> 0.00 | 50.00 <u>3.92</u> 0.00 | 59.79 <u>4.53</u> -0.01 | 60.43 <u>4.63</u> -0.01 | 48.64 <u>3.73</u> -0.01 | 39.14 <u>2.76</u> 0.00 | 33.95 <u>2.13</u> 0.00 |
| NARROWS_GT2_1 24236 | 31.99 <u>2.15</u> 0.00 | 28.70 < | | | | | | | | | | | | | | | | | | | | | | |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NCHELSEA_115KV_TR2 355582 | 31.69 1.85 0.00 | 28.54 1.77 0.00 | 27.51 1.61 0.00 | 26.98 1.50 0.00 | 26.92 1.45 0.00 | 27.80 1.50 0.00 | 29.58 1.60 0.00 | 30.80 1.61 0.00 | 33.03 1.57 0.00 | 34.01 1.65 0.00 | 34.79 1.78 0.00 | 34.90 1.91 0.00 | 33.77 1.94 0.00 | 32.82 1.97 0.00 | 31.73 1.88 0.00 | 32.69 2.14 0.00 | 33.16 2.28 0.00 | 42.71 2.79 0.00 | 49.41 3.32 0.00 | 59.29 4.03 0.00 | 60.09 4.30 0.00 | 48.28 3.37 0.00 | 38.85 2.47 0.00 | 33.82 2.00 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 31.54 1.70 0.00 | 28.30 1.53 0.00 | 27.41 1.50 0.00 | 26.90 1.43 0.00 | 26.85 1.37 0.00 | 27.77 1.47 0.00 | 29.53 1.54 0.00 | 30.74 1.55 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.62 1.62 0.00 | 34.57 1.58 0.00 | 33.29 1.46 0.00 | 32.20 1.36 0.00 | 31.07 1.22 0.00 | 31.87 1.31 0.00 | 32.23 1.36 0.00 | 41.84 1.92 0.00 | 48.53 2.44 0.00 | 58.40 3.15 0.00 | 59.26 3.46 0.00 | 47.60 2.69 0.00 | 38.53 2.15 0.00 | 33.69 1.88 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 28.89 -0.96 0.00 | 25.89 -0.88 0.00 | 24.92 -0.98 0.00 | 24.61 -0.87 0.00 | 24.58 -0.89 0.00 | 25.27 -1.03 0.00 | 26.76 -1.23 0.00 | 27.97 -1.23 0.00 | 30.14 -1.32 0.00 | 31.06 -1.30 0.00 | 31.58 -1.42 0.00 | 31.47 -1.52 0.00 | 30.33 -1.50 0.00 | 29.33 -1.51 0.00 | 28.57 -1.28 0.00 | 29.09 -1.47 0.00 | 29.46 -1.42 0.00 | 38.36 -1.56 0.00 | 44.15 -1.93 0.00 | 53.32 -1.94 0.00 | 54.01 -1.79 0.00 | 43.34 -1.57 0.00 | 35.43 -0.95 0.00 | 30.99 -0.83 0.00 |
| NEG CENTRAL___DRP 24199 | 29.96 0.12 0.00 | 26.75 -0.03 0.00 | 25.91 0.00 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 27.90 -0.08 0.00 | 29.08 -0.12 0.00 | 31.30 -0.16 0.00 | 32.16 -0.19 0.00 | 32.71 -0.30 0.00 | 32.59 -0.40 0.00 | 31.42 -0.41 0.00 | 30.38 -0.46 0.00 | 29.52 -0.33 0.00 | 30.16 -0.40 0.00 | 30.54 -0.34 0.00 | 39.76 -0.16 0.00 | 45.90 -0.18 0.00 | 55.58 0.33 0.00 | 56.30 0.50 0.00 | 45.22 0.31 0.00 | 36.71 0.33 0.00 | 32.16 0.35 0.00 |
| NEG CENTRAL___INDECK 23768 | 30.08 0.24 0.00 | 26.99 0.21 0.00 | 25.96 0.05 0.00 | 25.65 0.18 0.00 | 25.67 0.20 0.00 | 26.38 0.08 0.00 | 27.82 -0.08 0.00 | 28.88 -0.17 0.00 | 30.92 -0.32 0.00 | 31.74 -0.53 0.00 | 32.08 -0.62 0.00 | 31.93 -1.06 0.00 | 30.71 -1.11 0.00 | 29.67 -1.17 0.00 | 28.95 -0.89 0.00 | 29.55 -1.01 0.00 | 29.98 -0.90 0.00 | 39.44 -0.48 0.00 | 45.81 -0.27 0.00 | 56.03 0.77 0.00 | 57.02 1.23 0.00 | 45.72 0.81 0.00 | 37.40 1.02 0.00 | 32.67 0.86 0.00 |
| NEG CENTRAL___SENECA 23627 | 30.02 0.18 0.00 | 26.75 -0.03 0.00 | 25.93 0.03 0.00 | 25.48 0.00 0.00 | 25.60 0.13 0.00 | 26.43 0.13 0.00 | 27.90 -0.08 0.00 | 29.05 -0.15 0.00 | 31.27 -0.19 0.00 | 32.13 -0.23 0.00 | 32.64 -0.36 0.00 | 32.49 -0.49 0.00 | 31.32 -0.51 0.00 | 30.26 -0.59 0.00 | 29.46 -0.39 0.00 | 30.07 -0.49 0.00 | 30.48 -0.40 0.00 | 39.80 -0.12 0.00 | 46.00 -0.09 0.00 | 55.75 0.50 0.00 | 56.52 0.73 0.00 | 45.40 0.49 0.00 | 36.89 0.51 0.00 | 32.32 0.51 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 29.99 0.15 0.00 | 26.83 0.05 0.00 | 25.96 0.05 0.00 | 25.53 0.05 0.00 | 25.57 0.10 0.00 | 26.41 0.11 0.00 | 27.99 0.00 0.00 | 29.20 0.00 0.00 | 31.40 -0.06 0.00 | 32.29 -0.06 0.00 | 32.87 -0.13 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.56 -0.28 0.00 | 29.67 -0.18 0.00 | 30.31 -0.24 0.00 | 30.69 -0.19 0.00 | 39.88 -0.04 0.00 | 46.04 -0.05 0.00 | 55.64 0.39 0.00 | 56.41 0.61 0.00 | 45.27 0.36 0.00 | 36.67 0.29 0.00 | 32.10 0.29 0.00 |
| NEG MILLWOOD___DRP 24198 | 31.81 1.97 0.00 | 28.62 1.85 0.00 | 27.62 1.71 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.85 1.55 0.00 | 29.67 1.68 0.00 | 30.92 1.72 0.00 | 33.13 1.67 0.00 | 34.10 1.75 0.00 | 35.05 2.05 0.00 | 35.10 2.11 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.35 2.47 0.00 | 42.95 3.03 0.00 | 49.68 3.59 0.00 | 59.62 4.37 0.00 | 60.37 4.58 0.00 | 48.50 3.59 0.00 | 39.00 2.62 0.00 | 33.88 2.07 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 29.60 -0.24 0.00 | 26.64 -0.13 0.00 | 25.83 -0.08 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.35 0.05 0.00 | 28.18 0.20 0.00 | 29.43 0.23 0.00 | 31.80 0.35 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.25 0.26 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.94 0.06 0.00 | 40.12 0.20 0.00 | 46.46 0.37 0.00 | 55.47 0.22 0.00 | 55.85 0.06 0.00 | 45.00 0.09 0.00 | 36.27 -0.11 0.00 | 31.59 -0.22 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 29.30 -0.54 0.00 | 26.40 -0.37 0.00 | 25.57 -0.34 0.00 | 25.19 -0.28 0.00 | 25.27 -0.20 0.00 | 26.12 -0.18 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.46 0.00 0.00 | 32.26 -0.10 0.00 | 32.84 -0.17 0.00 | 32.82 -0.16 0.00 | 31.61 -0.22 0.00 | 30.60 -0.25 0.00 | 29.52 -0.33 0.00 | 30.22 -0.34 0.00 | 30.57 -0.31 0.00 | 39.64 -0.28 0.00 | 45.95 -0.14 0.00 | 54.92 -0.33 0.00 | 55.24 -0.56 0.00 | 44.51 -0.40 0.00 | 35.87 -0.51 0.00 | 31.24 -0.57 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 29.63 -0.21 0.00 | 26.67 -0.11 0.00 | 25.86 -0.05 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 28.24 0.25 0.00 | 29.49 0.29 0.00 | 31.87 0.41 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.28 0.30 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.20 0.28 0.00 | 46.59 0.51 0.00 | 55.64 0.39 0.00 | 56.02 0.22 0.00 | 45.13 0.22 0.00 | 36.38 0.00 0.00 | 31.62 -0.19 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 29.63 -0.21 0.00 | 26.67 -0.11 0.00 | 25.86 -0.05 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 28.24 0.25 0.00 | 29.49 0.29 0.00 | 31.87 0.41 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.28 0.30 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.20 0.28 0.00 | 46.59 0.51 0.00 | 55.64 0.39 0.00 | 56.02 0.22 0.00 | 45.13 0.22 0.00 | 36.38 0.00 0.00 | 31.62 -0.19 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 29.63 -0.21 0.00 | 26.67 -0.11 0.00 | 25.86 -0.05 0.00 | 25.45 -0.03 0.00 | 25.55 0.08 0.00 | 26.38 0.08 0.00 | 28.24 0.25 0.00 | 29.49 0.29 0.00 | 31.87 0.41 0.00 | 32.65 0.29 0.00 | 33.27 0.26 0.00 | 33.28 0.30 0.00 | 32.02 0.19 0.00 | 31.00 0.15 0.00 | 29.91 0.06 0.00 | 30.59 0.03 0.00 | 30.97 0.09 0.00 | 40.20 0.28 0.00 | 46.60 0.51 0.00 | 55.64 0.39 0.00 | 56.02 0.22 0.00 | 45.14 0.23 0.00 | 36.38 0.00 0.00 | 31.62 -0.19 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 27.90 -1.94 0.00 | 24.58 -2.20 0.00 | 23.97 -1.94 0.00 | 23.44 -2.04 0.00 | 23.64 -1.83 0.00 | 24.35 -1.95 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.50 -2.96 0.00 | 29.61 -2.75 0.00 | 29.97 -3.04 0.00 | 29.79 -3.20 0.00 | 28.58 -3.25 0.00 | 27.63 -3.21 0.00 | 27.07 -2.78 0.00 | 27.65 -2.90 0.00 | 27.97 -2.90 0.00 | 36.45 -3.47 0.00 | 41.71 -4.38 0.00 | 50.39 -4.86 0.00 | 50.89 -4.91 0.00 | 41.09 -3.82 0.00 | 34.16 -2.22 0.00 | 30.26 -1.56 0.00 |
| NEG WEST___LANCASTR 23811 | 27.96 -1.88 0.00 | 24.68 -2.09 0.00 | 24.02 -1.89 0.00 | 23.46 -2.01 0.00 | 23.66 -1.81 0.00 | 24.46 -1.84 0.00 | 25.64 -2.35 0.00 | 26.60 -2.60 0.00 | 28.56 -2.89 0.00 | 29.70 -2.65 0.00 | 30.10 -2.90 0.00 | 29.92 -3.07 0.00 | 28.77 -3.06 0.00 | 27.82 -3.02 0.00 | 27.28 -2.57 0.00 | 27.90 -2.66 0.00 | 28.28 -2.59 0.00 | 36.85 -3.07 0.00 | 42.22 -3.87 0.00 | 50.89 -4.37 0.00 | 51.33 -4.46 0.00 | 41.54 -3.37 0.00 | 34.20 -2.18 0.00 | 30.38 -1.43 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG_PENN_ALLEGHNY 23528 | 30.23 0.39 0.00 | 27.10 0.32 0.00 | 26.17 0.26 0.00 | 25.73 0.25 0.00 | 25.73 0.25 0.00 | 26.56 0.26 0.00 | 28.16 0.17 0.00 | 29.34 0.15 0.00 | 31.59 0.13 0.00 | 32.52 0.16 0.00 | 33.14 0.13 0.00 | 33.05 0.07 0.00 | 31.93 0.10 0.00 | 30.90 0.06 0.00 | 30.00 0.15 0.00 | 30.71 0.15 0.00 | 31.03 0.16 0.00 | 40.28 0.36 0.00 | 46.50 0.41 0.00 | 55.97 0.72 0.00 | 56.69 0.89 0.00 | 45.58 0.67 0.00 | 36.96 0.58 0.00 | 32.36 0.54 0.00 |
| NEG___GEN_MONROE 24207 | 29.13 -0.72 0.00 | 25.84 -0.94 0.00 | 25.13 -0.78 0.00 | 24.66 -0.82 0.00 | 24.78 -0.69 0.00 | 25.54 -0.76 0.00 | 26.92 -1.06 0.00 | 28.09 -1.11 0.00 | 30.20 -1.26 0.00 | 31.13 -1.23 0.00 | 31.58 -1.42 0.00 | 31.40 -1.58 0.00 | 30.24 -1.59 0.00 | 29.24 -1.60 0.00 | 28.51 -1.34 0.00 | 29.06 -1.50 0.00 | 29.43 -1.45 0.00 | 38.32 -1.60 0.00 | 44.15 -1.94 0.00 | 53.43 -1.82 0.00 | 54.18 -1.62 0.00 | 43.56 -1.35 0.00 | 35.69 -0.69 0.00 | 31.37 -0.45 0.00 |
| NEPA___ENERGY 23901 | 28.53 -1.31 0.00 | 25.17 -1.61 0.00 | 24.48 -1.42 0.00 | 23.95 -1.53 0.00 | 24.15 -1.32 0.00 | 24.96 -1.34 0.00 | 26.17 -1.82 0.00 | 27.18 -2.01 0.00 | 29.16 -2.30 0.00 | 30.35 -2.01 0.00 | 30.73 -2.28 0.00 | 30.58 -2.41 0.00 | 29.41 -2.42 0.00 | 28.44 -2.41 0.00 | 27.88 -1.97 0.00 | 28.51 -2.05 0.00 | 28.93 -1.95 0.00 | 37.64 -2.28 0.00 | 43.14 -2.95 0.00 | 51.94 -3.32 0.00 | 52.45 -3.35 0.00 | 42.44 -2.47 0.00 | 34.89 -1.49 0.00 | 31.02 -0.80 0.00 |
| NEVERSINK___HYD 23608 | 31.45 1.61 0.00 | 28.19 1.42 0.00 | 27.28 1.37 0.00 | 26.75 1.27 0.00 | 26.72 1.25 0.00 | 27.59 1.29 0.00 | 29.33 1.34 0.00 | 30.54 1.34 0.00 | 32.78 1.32 0.00 | 33.68 1.33 0.00 | 34.45 1.45 0.00 | 34.51 1.52 0.00 | 33.36 1.53 0.00 | 32.41 1.57 0.00 | 31.37 1.52 0.00 | 32.33 1.77 0.00 | 32.79 1.92 0.00 | 42.32 2.40 0.00 | 49.08 2.99 0.00 | 58.96 3.70 0.00 | 59.87 4.07 0.00 | 48.01 3.10 0.00 | 38.64 2.26 0.00 | 33.60 1.78 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 30.98 1.13 0.00 | 27.82 1.04 0.00 | 26.92 1.01 0.00 | 26.49 1.02 0.00 | 26.39 0.92 0.00 | 27.22 0.92 0.00 | 28.97 0.98 0.00 | 30.19 0.99 0.00 | 32.25 0.79 0.00 | 33.23 0.87 0.00 | 33.93 0.92 0.00 | 33.94 0.96 0.00 | 32.75 0.92 0.00 | 31.74 0.89 0.00 | 30.66 0.81 0.00 | 31.47 0.92 0.00 | 31.68 0.80 0.00 | 40.84 0.92 0.00 | 47.10 1.01 0.00 | 56.47 1.22 0.00 | 57.25 1.45 0.00 | 46.03 1.12 0.00 | 37.43 1.06 0.00 | 32.80 0.99 0.00 |
| NEWTON___FALLS_HYD 23847 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.34 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.40 -0.39 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| NGRID_A1_DSASP 323792 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| NGRID_A2_DSASP 323793 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| NGRID_A4_DSASP 323807 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| NIAGARA_115E_LBMP 323715 | 27.40 -2.45 0.00 | 24.61 -2.17 0.00 | 23.53 -2.38 0.00 | 23.31 -2.17 0.00 | 23.18 -2.29 0.00 | 23.75 -2.55 0.00 | 24.99 -2.99 0.00 | 26.01 -3.18 0.00 | 27.97 -3.49 0.00 | 29.09 -3.27 0.00 | 29.41 -3.60 0.00 | 29.29 -3.69 0.00 | 28.07 -3.76 0.00 | 27.14 -3.70 0.00 | 26.60 -3.25 0.00 | 27.16 -3.39 0.00 | 27.45 -3.43 0.00 | 35.73 -4.19 0.00 | 40.83 -5.26 0.00 | 49.28 -5.97 0.00 | 49.72 -6.08 0.00 | 40.11 -4.80 0.00 | 33.58 -2.80 0.00 | 29.65 -2.16 0.00 |
| NIAGARA_115W_LBMP 323714 | 27.84 -2.00 0.00 | 25.06 -1.71 0.00 | 24.02 -1.89 0.00 | 23.79 -1.68 0.00 | 23.66 -1.81 0.00 | 24.06 -2.24 0.00 | 25.13 -2.86 0.00 | 26.08 -3.10 0.02 | 28.04 -3.40 0.02 | 29.19 -3.17 0.00 | 29.50 -3.50 0.00 | 29.41 -3.56 0.02 | 28.18 -3.63 0.02 | 27.25 -3.58 0.02 | 26.70 -3.13 0.02 | 27.24 -3.30 0.02 | 27.54 -3.34 0.00 | 35.85 -4.07 0.00 | 40.88 -5.21 0.00 | 49.28 -5.97 0.00 | 49.66 -6.14 0.00 | 40.15 -4.76 0.00 | 33.65 -2.73 0.00 | 30.03 -1.78 0.00 |
| NIAGARA_230_LBMP 323716 | 27.96 -1.88 0.00 | 25.09 -1.69 0.00 | 23.99 -1.92 0.00 | 23.79 -1.68 0.00 | 23.64 -1.83 0.00 | 24.22 -2.08 0.00 | 25.47 -2.52 0.00 | 26.54 -2.66 0.00 | 28.54 -2.92 0.00 | 29.64 -2.72 0.00 | 30.00 -3.00 0.00 | 29.92 -3.07 0.00 | 28.68 -3.15 0.00 | 27.73 -3.11 0.00 | 27.16 -2.69 0.00 | 27.72 -2.84 0.00 | 28.01 -2.87 0.00 | 36.45 -3.47 0.00 | 41.62 -4.47 0.00 | 50.17 -5.08 0.00 | 50.61 -5.19 0.00 | 40.87 -4.04 0.00 | 34.16 -2.22 0.00 | 30.22 -1.59 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 27.84 -2.00 0.00 | 24.52 -2.25 0.00 | 24.02 -1.89 0.00 | 23.49 -1.99 0.00 | 23.66 -1.81 0.00 | 24.20 -2.10 0.00 | 25.13 -2.85 0.00 | 26.08 -3.09 0.02 | 28.04 -3.40 0.02 | 29.15 -3.20 0.00 | 29.50 -3.50 0.00 | 29.34 -3.63 0.02 | 28.18 -3.63 0.02 | 27.25 -3.58 0.02 | 26.70 -3.13 0.02 | 27.24 -3.30 0.02 | 27.54 -3.33 0.00 | 35.85 -4.07 0.00 | 40.93 -5.16 0.00 | 49.29 -5.97 0.00 | 49.66 -6.14 0.00 | 40.19 -4.72 0.00 | 33.51 -2.87 0.00 | 30.03 -1.78 0.00 |
| NIAGARA____ 23760 | 27.96 -1.88 0.00 | 25.09 -1.69 0.00 | 23.99 -1.92 0.00 | 23.79 -1.68 0.00 | 23.64 -1.83 0.00 | 24.22 -2.08 0.00 | 25.47 -2.52 0.00 | 26.53 -2.66 0.01 | 28.53 -2.92 0.01 | 29.64 -2.72 0.00 | 30.00 -3.00 0.00 | 29.91 -3.07 0.01 | 28.67 -3.15 0.01 | 27.72 -3.11 0.01 | 27.16 -2.69 0.01 | 27.71 -2.84 0.01 | 28.01 -2.87 0.00 | 36.45 -3.47 0.00 | 41.62 -4.47 0.00 | 50.17 -5.08 0.00 | 50.61 -5.19 0.00 | 40.87 -4.04 0.00 | 34.16 -2.22 0.00 | 30.22 -1.59 0.00 |
| NINE_MILE_1 23575 | 29.19 -0.66 0.00 | 26.18 -0.59 0.00 | 25.29 -0.62 0.00 | 24.89 -0.58 0.00 | 24.89 -0.58 0.00 | 25.67 -0.63 0.00 | 27.29 -0.70 0.00 | 28.50 -0.70 0.00 | 30.64 -0.82 0.00 | 31.55 -0.81 0.00 | 32.14 -0.86 0.00 | 32.10 -0.89 0.00 | 30.97 -0.86 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.67 -0.89 0.00 | 29.98 -0.90 0.00 | 38.76 -1.16 0.00 | 44.66 -1.43 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.05 -0.76 0.00 |

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| NINE_MILE_2 23744 | 29.19 -0.66 0.00 | 26.18 -0.59 0.00 | 25.29 -0.62 0.00 | 24.89 -0.58 0.00 | 24.89 -0.58 0.00 | 25.67 -0.63 0.00 | 27.29 -0.70 0.00 | 28.50 -0.70 0.00 | 30.64 -0.82 0.00 | 31.55 -0.81 0.00 | 32.14 -0.86 0.00 | 32.10 -0.89 0.00 | 30.97 -0.86 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.67 -0.89 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.66 -1.43 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |
| NM_CAPITAL___DRP 24208 | 31.07 1.22 0.00 | 27.87 1.10 0.00 | 26.97 1.06 0.00 | 26.52 1.04 0.00 | 26.44 0.97 0.00 | 27.27 0.97 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.33 0.97 0.00 | 34.03 1.02 0.00 | 34.04 1.06 0.00 | 32.85 1.02 0.00 | 31.83 0.99 0.00 | 30.77 0.93 0.00 | 31.59 1.04 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.58 1.33 0.00 | 57.36 1.56 0.00 | 46.17 1.26 0.00 | 37.54 1.16 0.00 | 32.90 1.08 0.00 |
| NM_CENTRAL___DRP 24181 | 29.72 -0.12 0.00 | 26.59 -0.19 0.00 | 25.75 -0.16 0.00 | 25.30 -0.18 0.00 | 25.34 -0.13 0.00 | 26.14 -0.16 0.00 | 27.76 -0.22 0.00 | 28.96 -0.23 0.00 | 31.21 -0.25 0.00 | 32.13 -0.23 0.00 | 32.74 -0.26 0.00 | 32.66 -0.33 0.00 | 31.51 -0.32 0.00 | 30.53 -0.31 0.00 | 29.61 -0.24 0.00 | 30.22 -0.34 0.00 | 30.54 -0.34 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.87 -0.39 0.00 | 55.57 -0.22 0.00 | 44.64 -0.27 0.00 | 36.20 -0.18 0.00 | 31.72 -0.10 0.00 |
| NM_FRONTIER___DRP 24179 | 27.84 -2.00 0.00 | 24.52 -2.25 0.00 | 24.02 -1.89 0.00 | 23.49 -1.99 0.00 | 23.66 -1.81 0.00 | 24.20 -2.10 0.00 | 25.13 -2.85 0.00 | 26.08 -3.09 0.02 | 28.04 -3.40 0.02 | 29.15 -3.20 0.00 | 29.50 -3.50 0.00 | 29.34 -3.63 0.02 | 28.18 -3.63 0.02 | 27.25 -3.58 0.02 | 26.70 -3.13 0.02 | 27.24 -3.30 0.02 | 27.54 -3.33 0.00 | 35.85 -4.07 0.00 | 40.93 -5.16 0.00 | 49.29 -5.97 0.00 | 49.66 -6.14 0.00 | 40.19 -4.72 0.00 | 33.51 -2.87 0.00 | 30.03 -1.78 0.00 |
| NM_ST_REGIS___HYD 24053 | 29.19 -0.66 0.00 | 26.24 -0.54 0.00 | 25.42 -0.49 0.00 | 24.99 -0.48 0.00 | 25.09 -0.38 0.00 | 25.91 -0.39 0.00 | 27.76 -0.22 0.00 | 28.99 -0.20 0.00 | 31.33 -0.13 0.00 | 31.87 -0.49 0.00 | 32.44 -0.56 0.00 | 32.43 -0.56 0.00 | 31.19 -0.64 0.00 | 30.22 -0.62 0.00 | 29.13 -0.72 0.00 | 29.73 -0.82 0.00 | 30.01 -0.86 0.00 | 39.04 -0.88 0.00 | 45.35 -0.74 0.00 | 54.20 -1.05 0.00 | 54.62 -1.17 0.00 | 44.15 -0.76 0.00 | 35.65 -0.73 0.00 | 31.08 -0.73 0.00 |
| NORTHPORT___1 23551 | 32.44 2.59 0.00 | 28.89 2.11 0.00 | 28.01 2.10 0.00 | 27.46 1.99 0.00 | 27.41 1.93 0.00 | 28.30 2.00 0.00 | 30.20 2.21 0.00 | 31.62 2.42 0.00 | 33.66 2.20 0.00 | 34.75 2.39 0.00 | 38.25 2.64 -2.61 | 39.06 2.74 -3.33 | 40.02 2.74 -5.45 | 43.15 2.68 -9.63 | 40.45 2.72 -7.88 | 41.88 3.06 -8.27 | 47.39 3.21 -13.30 | 49.85 3.87 -6.06 | 51.86 4.52 -1.25 | 60.46 5.19 -0.01 | 61.38 5.41 -0.17 | 52.29 4.40 -2.97 | 42.52 3.60 -2.54 | 34.75 2.93 -0.01 |
| NORTHPORT___2 23552 | 32.44 2.59 0.00 | 28.89 2.11 0.00 | 28.01 2.10 0.00 | 27.46 1.99 0.00 | 27.41 1.93 0.00 | 28.30 2.00 0.00 | 30.20 2.21 0.00 | 31.62 2.42 0.00 | 33.66 2.20 0.00 | 34.75 2.39 0.00 | 38.25 2.64 -2.61 | 39.06 2.74 -3.33 | 40.02 2.74 -5.45 | 43.15 2.68 -9.63 | 40.45 2.72 -7.88 | 41.88 3.06 -8.27 | 47.39 3.21 -13.30 | 49.85 3.87 -6.06 | 51.86 4.52 -1.25 | 60.46 5.19 -0.01 | 61.38 5.41 -0.17 | 52.29 4.40 -2.97 | 42.52 3.60 -2.54 | 34.75 2.93 -0.01 |
| NORTHPORT___3 23553 | 32.38 2.54 0.00 | 28.83 2.06 0.00 | 27.95 2.05 0.00 | 27.41 1.94 0.00 | 27.36 1.88 0.00 | 28.25 1.95 0.00 | 30.14 2.16 0.00 | 31.56 2.36 0.00 | 33.63 2.17 0.00 | 34.69 2.33 0.00 | 38.22 2.61 -2.61 | 39.03 2.71 -3.33 | 39.98 2.70 -5.45 | 43.13 2.65 -9.63 | 40.42 2.69 -7.88 | 41.85 3.03 -8.27 | 47.36 3.18 -13.30 | 49.73 3.75 -6.06 | 51.72 4.38 -1.25 | 60.30 5.03 -0.01 | 61.21 5.24 -0.17 | 52.15 4.27 -2.97 | 42.44 3.53 -2.54 | 34.69 2.86 -0.01 |
| NORTHPORT___4 23650 | 32.38 2.54 0.00 | 28.83 2.06 0.00 | 27.95 2.05 0.00 | 27.41 1.94 0.00 | 27.36 1.88 0.00 | 28.25 1.95 0.00 | 30.14 2.16 0.00 | 31.56 2.36 0.00 | 33.63 2.17 0.00 | 34.69 2.33 0.00 | 38.22 2.61 -2.61 | 39.03 2.71 -3.33 | 39.98 2.70 -5.45 | 43.13 2.65 -9.63 | 40.42 2.69 -7.88 | 41.85 3.03 -8.27 | 47.36 3.18 -13.30 | 49.73 3.75 -6.06 | 51.72 4.38 -1.25 | 60.30 5.03 -0.01 | 61.21 5.24 -0.17 | 52.15 4.27 -2.97 | 42.44 3.53 -2.54 | 34.69 2.86 -0.01 |
| NORTHPORT___IC 23718 | 32.44 2.60 0.00 | 29.05 2.28 0.00 | 28.01 2.10 0.00 | 27.21 1.73 0.00 | 27.41 1.94 0.00 | 28.30 2.00 0.00 | 30.20 2.21 0.00 | 31.62 2.42 0.00 | 33.66 2.20 0.00 | 34.75 2.39 0.00 | 38.25 2.64 -2.61 | 39.06 2.74 -3.33 | 40.02 2.74 -5.45 | 43.16 2.68 -9.63 | 40.45 2.72 -7.88 | 41.88 3.06 -8.27 | 47.39 3.21 -13.30 | 49.85 3.87 -6.06 | 51.81 4.47 -1.25 | 60.52 5.25 -0.01 | 61.38 5.41 -0.17 | 52.28 4.40 -2.97 | 42.48 3.57 -2.54 | 34.76 2.93 -0.01 |
| NORTH___COUNTRY_ESR 323785 | 29.25 -0.60 0.00 | 26.32 -0.46 0.00 | 25.52 -0.39 0.00 | 25.14 -0.33 0.00 | 25.22 -0.25 0.00 | 26.06 -0.24 0.00 | 27.85 -0.14 0.00 | 29.05 -0.15 0.00 | 31.43 -0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.86 -0.13 0.00 | 31.64 -0.19 0.00 | 30.63 -0.21 0.00 | 29.55 -0.30 0.00 | 30.22 -0.34 0.00 | 30.57 -0.31 0.00 | 39.60 -0.32 0.00 | 45.86 -0.23 0.00 | 54.76 -0.50 0.00 | 55.07 -0.73 0.00 | 44.37 -0.54 0.00 | 35.80 -0.58 0.00 | 31.15 -0.67 0.00 |
| NPX_GEN_1385_PROXY 323591 | 32.89 3.05 0.00 | 29.32 2.54 0.00 | 28.42 2.51 0.00 | 27.92 2.45 0.00 | 27.89 2.42 0.00 | 28.64 2.34 0.00 | 30.70 2.71 0.00 | 32.14 2.95 0.00 | 34.01 2.55 0.00 | 35.27 2.91 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.02 2.74 -5.45 | 42.97 2.50 -9.63 | 40.45 2.72 -7.88 | 41.88 3.06 -8.27 | 47.51 3.34 -13.30 | 50.29 4.31 -6.06 | 52.32 4.98 -1.25 | 60.46 5.19 -0.01 | 62.16 6.19 -0.17 | 53.00 5.12 -2.97 | 43.17 4.25 -2.54 | 35.11 3.28 -0.01 |
| NPX_GEN_CSC 323557 | 32.74 2.89 0.00 | 29.10 2.33 0.00 | 28.27 2.36 0.00 | 27.72 2.24 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.56 2.57 0.00 | 32.00 2.80 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.85 3.67 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.21 6.25 -0.17 | 53.09 5.21 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| NSINS_S_GLNS_FALLS 23858 | 31.90 2.06 0.00 | 28.62 1.85 0.00 | 27.70 1.79 0.00 | 27.21 1.73 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.86 1.88 0.00 | 31.07 1.87 0.00 | 33.35 1.89 0.00 | 34.36 2.01 0.00 | 34.79 1.78 0.00 | 34.70 1.72 0.00 | 33.36 1.53 0.00 | 32.17 1.33 0.00 | 31.01 1.16 0.00 | 31.81 1.25 0.00 | 32.39 1.51 0.00 | 42.08 2.16 0.00 | 49.04 2.95 0.00 | 59.23 3.98 0.00 | 60.15 4.35 0.00 | 48.23 3.32 0.00 | 39.04 2.66 0.00 | 34.04 2.23 0.00 |
| NUCOR_STEEL___DRP 24197 | 30.08 0.24 0.00 | 26.91 0.13 0.00 | 26.04 0.13 0.00 | 25.60 0.13 0.00 | 25.65 0.18 0.00 | 26.46 0.16 0.00 | 28.04 0.06 0.00 | 29.23 0.03 0.00 | 31.46 0.00 0.00 | 32.36 0.00 0.00 | 32.94 -0.07 0.00 | 32.86 -0.13 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.37 -0.18 0.00 | 30.72 -0.15 0.00 | 39.92 0.00 0.00 | 46.04 -0.05 0.00 | 55.64 0.39 0.00 | 56.35 0.56 0.00 | 45.27 0.36 0.00 | 36.71 0.33 0.00 | 32.16 0.35 0.00 |

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| NUMBER_THREE_WT_PWR 323818 | 29.10 -0.74 0.00 | 26.02 -0.75 0.00 | 25.26 -0.65 0.00 | 24.81 -0.66 0.00 | 24.96 -0.51 0.00 | 26.06 -0.24 0.00 | 28.04 0.06 0.00 | 29.55 0.35 0.00 | 31.81 0.35 0.00 | 32.42 0.06 0.00 | 32.90 -0.10 0.00 | 32.76 -0.23 0.00 | 31.51 -0.32 0.00 | 30.56 -0.28 0.00 | 29.52 -0.33 0.00 | 30.16 -0.40 0.00 | 30.51 -0.37 0.00 | 39.88 -0.04 0.00 | 46.45 0.37 0.00 | 56.30 1.05 0.00 | 57.30 1.51 0.00 | 46.08 1.17 0.00 | 37.18 0.80 0.00 | 32.29 0.48 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 29.84 0.00 0.00 | 26.77 0.00 0.00 | 25.91 0.00 0.00 | 25.48 0.00 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.99 0.00 0.00 | 29.20 0.00 0.00 | 31.46 0.00 0.00 | 32.36 0.00 0.00 | 33.00 0.00 0.00 | 32.99 0.00 0.00 | 31.83 0.00 0.00 | 30.84 0.00 0.00 | 29.85 0.00 0.00 | 30.55 0.00 0.00 | 30.88 0.00 0.00 | 39.92 0.00 0.00 | 46.09 0.00 0.00 | 55.25 0.00 0.00 | 55.80 0.00 0.00 | 44.91 0.00 0.00 | 36.38 0.00 0.00 | 31.81 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.04 2.68 0.00 | 38.58 2.97 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.50 3.02 -9.63 | 40.78 3.05 -7.88 | 42.21 3.39 -8.27 | 47.75 3.58 -13.30 | 50.37 4.39 -6.06 | 52.54 5.21 -1.25 | 61.35 6.08 -0.01 | 62.21 6.25 -0.17 | 52.91 5.03 -2.97 | 42.95 4.04 -2.54 | 35.14 3.31 -0.01 |
| NYPA_GOWANUS____GT5 24156 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| NYPA_GOWANUS____GT6 24157 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.23 1.76 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.63 0.00 | 34.10 1.75 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.02 2.19 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.64 3.73 -0.01 | 39.14 2.76 0.00 | 33.95 2.13 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.87 1.52 0.01 | 34.71 1.72 0.01 | 34.83 1.85 0.01 | 33.80 1.97 0.01 | 32.87 2.04 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.37 2.50 0.01 | 42.71 2.79 0.01 | 49.35 3.27 0.01 | 59.28 4.03 0.01 | 59.92 4.13 0.01 | 48.04 3.14 0.01 | 38.63 2.26 0.01 | 33.52 1.72 0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.87 1.52 0.01 | 34.71 1.72 0.01 | 34.83 1.85 0.01 | 33.80 1.97 0.01 | 32.87 2.04 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.37 2.50 0.01 | 42.71 2.79 0.01 | 49.35 3.27 0.01 | 59.28 4.03 0.01 | 59.92 4.13 0.01 | 48.04 3.14 0.01 | 38.63 2.26 0.01 | 33.52 1.72 0.01 |
| NYPA_KENT____GT 24152 | 31.93 2.09 0.00 | 28.67 1.90 0.00 | 27.75 1.84 0.00 | 27.21 1.73 0.00 | 27.13 1.65 0.00 | 27.90 1.60 0.00 | 29.67 1.68 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.95 1.95 0.00 | 35.07 2.08 0.00 | 34.00 2.17 0.00 | 33.06 2.22 0.00 | 32.06 2.21 0.00 | 33.09 2.53 0.00 | 33.59 2.72 0.00 | 43.07 3.15 0.00 | 49.87 3.78 0.00 | 59.63 4.36 -0.01 | 60.26 4.47 0.00 | 48.52 3.59 -0.01 | 39.03 2.65 0.00 | 33.88 2.07 0.00 |
| NYPA_POUCH1____GT 24155 | 31.99 2.15 0.00 | 28.70 1.93 0.00 | 27.80 1.89 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.95 1.95 0.00 | 35.10 2.11 0.00 | 34.00 2.17 0.00 | 33.06 2.22 0.00 | 32.06 2.21 0.00 | 33.12 2.57 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 50.00 3.92 0.00 | 59.84 4.58 -0.01 | 60.49 4.69 -0.01 | 48.69 3.77 -0.01 | 39.18 2.80 0.00 | 33.95 2.13 0.00 |
| NYPA_VERNON____GT2 24162 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.88 1.58 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.69 3.60 0.00 | 59.40 4.15 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| NYPA_VERNON____GT3 24163 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.88 1.58 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.69 3.60 0.00 | 59.40 4.15 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| NYPA__ASTORIA_CC1 323568 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.59 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.92 3.00 0.00 | 49.58 3.50 0.01 | 59.28 4.03 0.01 | 59.97 4.19 0.01 | 48.27 3.37 0.01 | 38.85 2.48 0.00 | 33.72 1.91 0.00 |
| NYPA__ASTORIA_CC2 323569 | 31.87 2.03 0.00 | 28.62 1.85 0.00 | 27.72 1.81 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 27.85 1.55 0.00 | 29.58 1.59 0.00 | 30.80 1.60 0.00 | 33.00 1.54 0.00 | 34.00 1.65 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.92 3.00 0.00 | 49.58 3.50 0.01 | 59.28 4.03 0.01 | 59.97 4.19 0.01 | 48.27 3.37 0.01 | 38.85 2.48 0.00 | 33.72 1.91 0.00 |
| NYPA__HOLTSVILL 23794 | 32.59 2.74 0.00 | 28.99 2.22 0.00 | 28.14 2.23 0.00 | 27.59 2.11 0.00 | 27.53 2.06 0.00 | 28.46 2.16 0.00 | 30.36 2.38 0.00 | 31.79 2.60 0.00 | 33.85 2.39 0.00 | 34.88 2.53 0.00 | 38.45 2.84 -2.61 | 39.23 2.90 -3.33 | 40.18 2.90 -5.45 | 43.31 2.84 -9.63 | 40.63 2.89 -7.88 | 42.09 3.27 -8.27 | 47.63 3.46 -13.30 | 50.21 4.23 -6.06 | 52.36 5.02 -1.25 | 61.18 5.91 -0.01 | 61.94 5.97 -0.17 | 52.73 4.85 -2.97 | 42.81 3.89 -2.54 | 35.01 3.18 -0.01 |
| NYPA__HELLGATE_GT1 24158 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.87 1.52 0.01 | 34.71 1.72 0.01 | 34.83 1.85 0.01 | 33.80 1.97 0.01 | 32.87 2.04 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.37 2.50 0.01 | 42.71 2.79 0.01 | 49.35 3.27 0.01 | 59.28 4.03 0.01 | 59.92 4.13 0.01 | 48.04 3.14 0.01 | 38.63 2.26 0.01 | 33.52 1.72 0.01 |

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|---------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NYPA____HELLGATE_GT2 24159 | 31.93 2.09 0.00 | 28.73 1.95 0.00 | 27.83 1.92 0.00 | 27.26 1.78 0.00 | 27.18 1.71 0.00 | 27.85 1.55 0.00 | 29.50 1.51 0.00 | 30.73 1.55 0.01 | 32.90 1.45 0.01 | 33.87 1.52 0.01 | 34.71 1.72 0.01 | 34.83 1.85 0.01 | 33.80 1.97 0.01 | 32.87 2.04 0.01 | 31.87 2.03 0.01 | 32.87 2.32 0.01 | 33.37 2.50 0.01 | 42.71 2.79 0.01 | 49.35 3.27 0.01 | 59.28 4.03 0.01 | 59.92 4.13 0.01 | 48.04 3.14 0.01 | 38.63 2.26 0.01 | 33.52 1.72 0.01 |
| NYS_BARGE____HYD 23848 | 27.87 -1.97 0.00 | 25.03 -1.74 0.00 | 23.94 -1.97 0.00 | 23.69 -1.78 0.00 | 23.59 -1.88 0.00 | 24.17 -2.13 0.00 | 25.44 -2.55 0.00 | 26.48 -2.71 0.00 | 28.44 -3.02 0.00 | 29.57 -2.78 0.00 | 29.90 -3.10 0.00 | 29.79 -3.20 0.00 | 28.55 -3.28 0.00 | 27.60 -3.24 0.00 | 27.01 -2.84 0.00 | 27.59 -2.96 0.00 | 27.91 -2.96 0.00 | 36.41 -3.51 0.00 | 41.62 -4.47 0.00 | 50.28 -4.97 0.00 | 50.83 -4.97 0.00 | 40.96 -3.95 0.00 | 34.23 -2.15 0.00 | 30.19 -1.62 0.00 |
| OAK_ORCHARD____HYD 24046 | 29.27 -0.57 0.00 | 26.24 -0.54 0.00 | 25.23 -0.67 0.00 | 24.91 -0.56 0.00 | 24.86 -0.61 0.00 | 25.54 -0.76 0.00 | 27.04 -0.95 0.00 | 28.26 -0.94 0.00 | 30.42 -1.04 0.00 | 31.42 -0.94 0.00 | 31.88 -1.12 0.00 | 31.77 -1.22 0.00 | 30.59 -1.24 0.00 | 29.61 -1.23 0.00 | 28.83 -1.01 0.00 | 29.39 -1.16 0.00 | 29.77 -1.11 0.00 | 38.76 -1.16 0.00 | 44.57 -1.52 0.00 | 53.87 -1.38 0.00 | 54.57 -1.23 0.00 | 43.83 -1.08 0.00 | 35.91 -0.47 0.00 | 31.43 -0.38 0.00 |
| OAKDALE____35_KV_LOAD 356122 | 30.20 0.36 0.00 | 27.01 0.24 0.00 | 26.14 0.23 0.00 | 25.68 0.20 0.00 | 25.70 0.23 0.00 | 26.54 0.24 0.00 | 28.13 0.14 0.00 | 29.31 0.12 0.00 | 31.52 0.06 0.00 | 32.45 0.10 0.00 | 33.07 0.07 0.00 | 33.02 0.03 0.00 | 31.86 0.03 0.00 | 30.87 0.03 0.00 | 29.97 0.12 0.00 | 30.68 0.12 0.00 | 31.03 0.15 0.00 | 40.20 0.28 0.00 | 46.41 0.32 0.00 | 55.86 0.61 0.00 | 56.52 0.73 0.00 | 45.49 0.58 0.00 | 36.85 0.47 0.00 | 32.29 0.48 0.00 |
| OCC_CHEM____DRP 24175 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| OH_GEN_PROXY 24063 | 28.02 -1.82 0.00 | 25.14 -1.63 0.00 | 24.04 -1.87 0.00 | 23.82 -1.66 0.00 | 23.69 -1.78 0.00 | 24.30 -2.00 0.00 | 25.55 -2.44 0.00 | 26.63 -2.57 0.00 | 28.63 -2.83 0.00 | 29.74 -2.62 0.00 | 30.10 -2.90 0.00 | 30.02 -2.97 0.00 | 28.81 -3.02 0.00 | 27.85 -2.99 0.00 | 27.28 -2.57 0.00 | 27.84 -2.72 0.00 | 28.13 -2.75 0.00 | 36.61 -3.31 0.00 | 41.80 -4.28 0.00 | 50.39 -4.86 0.00 | 50.83 -4.97 0.00 | 41.05 -3.86 0.00 | 34.23 -2.15 0.00 | 30.26 -1.56 0.00 |
| OLIN_CORP_DRP 24177 | 27.48 -2.36 0.00 | 24.18 -2.60 0.00 | 23.58 -2.33 0.00 | 23.05 -2.42 0.00 | 23.26 -2.22 0.00 | 23.96 -2.34 0.00 | 25.05 -2.94 0.00 | 26.10 -3.09 0.00 | 28.03 -3.43 0.00 | 29.15 -3.20 0.00 | 29.50 -3.50 0.00 | 29.36 -3.63 0.00 | 28.17 -3.66 0.00 | 27.23 -3.61 0.00 | 26.68 -3.16 0.00 | 27.25 -3.30 0.00 | 27.54 -3.33 0.00 | 35.85 -4.07 0.00 | 40.97 -5.12 0.00 | 49.45 -5.80 0.00 | 49.88 -5.91 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 29.75 -2.07 0.00 |
| OLIN_CORP_DSASP 323712 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| ONEIDA_HERK_LFGE 323681 | 29.90 0.06 0.00 | 26.77 0.00 0.00 | 25.93 0.03 0.00 | 25.48 0.00 0.00 | 25.57 0.10 0.00 | 26.56 0.26 0.00 | 28.41 0.42 0.00 | 29.78 0.58 0.00 | 32.12 0.66 0.00 | 32.84 0.49 0.00 | 33.40 0.40 0.00 | 33.25 0.26 0.00 | 32.02 0.19 0.00 | 31.06 0.22 0.00 | 30.00 0.15 0.00 | 30.68 0.12 0.00 | 31.00 0.12 0.00 | 40.44 0.52 0.00 | 47.01 0.92 0.00 | 56.86 1.60 0.00 | 57.80 2.01 0.00 | 46.44 1.53 0.00 | 37.51 1.13 0.00 | 32.58 0.76 0.00 |
| ONEIDA____115KV_TB4 55905 | 30.44 0.60 0.00 | 27.23 0.46 0.00 | 26.40 0.49 0.00 | 25.91 0.43 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.55 0.56 0.00 | 29.81 0.61 0.00 | 32.12 0.66 0.00 | 32.94 0.58 0.00 | 33.53 0.53 0.00 | 33.42 0.43 0.00 | 32.21 0.38 0.00 | 31.24 0.40 0.00 | 30.21 0.36 0.00 | 30.89 0.34 0.00 | 31.25 0.37 0.00 | 40.64 0.72 0.00 | 47.10 1.01 0.00 | 56.86 1.60 0.00 | 57.75 1.95 0.00 | 46.39 1.48 0.00 | 37.51 1.13 0.00 | 32.67 0.86 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 29.84 0.00 0.00 | 26.72 -0.05 0.00 | 25.86 -0.05 0.00 | 25.40 -0.08 0.00 | 25.45 -0.03 0.00 | 26.27 -0.03 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.84 -0.17 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.63 -0.22 0.00 | 29.70 -0.15 0.00 | 30.31 -0.24 0.00 | 30.66 -0.22 0.00 | 39.72 -0.20 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.38 0.00 0.00 | 31.88 0.06 0.00 |
| ONONDAGA____COGEN 23986 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| ONTARIO____LFGE 23819 | 30.02 0.18 0.00 | 26.91 0.13 0.00 | 25.93 0.03 0.00 | 25.58 0.10 0.00 | 25.60 0.13 0.00 | 26.41 0.11 0.00 | 27.90 -0.08 0.00 | 29.05 -0.15 0.00 | 31.27 -0.19 0.00 | 32.13 -0.22 0.00 | 32.64 -0.36 0.00 | 32.49 -0.49 0.00 | 31.32 -0.51 0.00 | 30.25 -0.59 0.00 | 29.46 -0.39 0.00 | 30.06 -0.49 0.00 | 30.44 -0.43 0.00 | 39.80 -0.12 0.00 | 46.00 -0.09 0.00 | 55.75 0.50 0.00 | 56.52 0.72 0.00 | 45.36 0.45 0.00 | 36.93 0.55 0.00 | 32.32 0.51 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 28.56 -1.28 0.00 | 25.62 -1.15 0.00 | 24.59 -1.32 0.00 | 24.33 -1.15 0.00 | 24.33 -1.15 0.00 | 25.01 -1.29 0.00 | 26.31 -1.68 0.00 | 27.27 -1.93 0.00 | 29.23 -2.23 0.00 | 30.28 -2.07 0.00 | 30.69 -2.31 0.00 | 30.61 -2.38 0.00 | 29.41 -2.42 0.00 | 28.40 -2.44 0.00 | 27.79 -2.06 0.00 | 28.39 -2.17 0.00 | 28.75 -2.13 0.00 | 37.56 -2.36 0.00 | 43.23 -2.86 0.00 | 52.38 -2.88 0.00 | 53.06 -2.73 0.00 | 42.76 -2.15 0.00 | 35.40 -0.98 0.00 | 31.18 -0.64 0.00 |
| ORANGEVILLE____ESR 323794 | 28.56 -1.28 0.00 | 25.62 -1.15 0.00 | 24.59 -1.32 0.00 | 24.33 -1.15 0.00 | 24.33 -1.15 0.00 | 25.01 -1.29 0.00 | 26.31 -1.68 0.00 | 27.27 -1.93 0.00 | 29.23 -2.23 0.00 | 30.28 -2.07 0.00 | 30.69 -2.31 0.00 | 30.61 -2.38 0.00 | 29.41 -2.42 0.00 | 28.40 -2.44 0.00 | 27.79 -2.06 0.00 | 28.39 -2.17 0.00 | 28.75 -2.13 0.00 | 37.56 -2.36 0.00 | 43.23 -2.86 0.00 | 52.38 -2.88 0.00 | 53.06 -2.73 0.00 | 42.76 -2.15 0.00 | 35.40 -0.98 0.00 | 31.18 -0.64 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OSWEGATCHIE___HYD 24044 | 28.98 -0.87 0.00 | 25.97 -0.80 0.00 | 25.18 -0.73 0.00 | 24.74 -0.74 0.00 | 24.86 -0.61 0.00 | 25.77 -0.53 0.00 | 27.65 -0.33 0.00 | 28.96 -0.23 0.00 | 31.24 -0.22 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.98 -0.87 0.00 | 29.58 -0.98 0.00 | 29.89 -0.99 0.00 | 38.96 -0.96 0.00 | 45.35 -0.74 0.00 | 54.65 -0.61 0.00 | 55.41 -0.39 0.00 | 44.64 -0.27 0.00 | 36.13 -0.25 0.00 | 31.40 -0.41 0.00 |
| OSWEGO___5 23606 | 29.36 -0.48 0.00 | 26.34 -0.43 0.00 | 25.44 -0.47 0.00 | 25.04 -0.43 0.00 | 25.04 -0.43 0.00 | 25.83 -0.47 0.00 | 27.45 -0.53 0.00 | 28.64 -0.56 0.00 | 30.83 -0.63 0.00 | 31.74 -0.62 0.00 | 32.34 -0.66 0.00 | 32.29 -0.69 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.09 -1.16 0.00 | 54.73 -1.06 0.00 | 43.96 -0.95 0.00 | 35.73 -0.65 0.00 | 31.30 -0.51 0.00 |
| OSWEGO___6 23613 | 29.36 -0.48 0.00 | 26.34 -0.43 0.00 | 25.44 -0.47 0.00 | 25.04 -0.43 0.00 | 25.04 -0.43 0.00 | 25.83 -0.47 0.00 | 27.45 -0.53 0.00 | 28.64 -0.56 0.00 | 30.83 -0.63 0.00 | 31.74 -0.62 0.00 | 32.34 -0.66 0.00 | 32.29 -0.69 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.09 -1.16 0.00 | 54.73 -1.06 0.00 | 43.96 -0.95 0.00 | 35.73 -0.65 0.00 | 31.30 -0.51 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 28.11 -1.73 0.00 | 24.79 -1.98 0.00 | 24.22 -1.68 0.00 | 23.67 -1.81 0.00 | 23.87 -1.60 0.00 | 24.54 -1.76 0.00 | 25.61 -2.38 0.00 | 26.62 -2.57 0.01 | 28.62 -2.83 0.01 | 29.77 -2.59 0.00 | 30.13 -2.87 0.00 | 29.98 -3.00 0.01 | 28.77 -3.06 0.01 | 27.78 -3.05 0.01 | 27.21 -2.63 0.01 | 27.83 -2.72 0.01 | 28.13 -2.75 0.00 | 36.69 -3.23 0.00 | 41.94 -4.15 0.00 | 50.61 -4.64 0.00 | 51.11 -4.69 0.00 | 41.27 -3.64 0.00 | 34.31 -2.07 0.00 | 30.51 -1.30 0.00 |
| OXBOW___BTM 323836 | 28.02 -1.82 0.00 | 25.22 -1.55 0.00 | 24.15 -1.76 0.00 | 23.92 -1.55 0.00 | 23.79 -1.68 0.00 | 24.28 -2.02 0.00 | 25.41 -2.57 0.00 | 26.41 -2.77 0.01 | 28.39 -3.05 0.01 | 29.57 -2.78 0.00 | 29.90 -3.10 0.00 | 29.77 -3.20 0.01 | 28.54 -3.28 0.01 | 27.59 -3.24 0.01 | 27.03 -2.81 0.01 | 27.61 -2.93 0.01 | 27.91 -2.96 0.00 | 36.37 -3.55 0.00 | 41.52 -4.56 0.00 | 50.06 -5.20 0.00 | 50.55 -5.25 0.00 | 40.82 -4.09 0.00 | 34.12 -2.26 0.00 | 30.32 -1.49 0.00 |
| OXBOW___ 24026 | 28.02 -1.82 0.00 | 24.71 -2.06 0.00 | 24.15 -1.76 0.00 | 23.59 -1.89 0.00 | 23.79 -1.68 0.00 | 24.41 -1.89 0.00 | 25.41 -2.57 0.00 | 26.41 -2.77 0.01 | 28.39 -3.05 0.01 | 29.54 -2.81 0.00 | 29.90 -3.10 0.00 | 29.74 -3.23 0.01 | 28.54 -3.28 0.01 | 27.59 -3.24 0.01 | 27.03 -2.81 0.01 | 27.61 -2.93 0.01 | 27.91 -2.96 0.00 | 36.37 -3.55 0.00 | 41.53 -4.56 0.00 | 50.11 -5.14 0.00 | 50.55 -5.24 0.00 | 40.87 -4.04 0.00 | 34.02 -2.36 0.00 | 30.32 -1.50 0.00 |
| OXY_CHEM_DSASP 323612 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| OZONE_PARK_ESR 323760 | 31.93 2.09 0.00 | 28.78 2.01 0.00 | 27.72 1.81 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 31.04 1.84 0.00 | 33.22 1.76 0.00 | 34.26 1.91 0.00 | 35.12 2.11 0.00 | 35.23 2.24 0.00 | 34.15 2.32 0.00 | 33.19 2.34 0.00 | 32.15 2.30 0.00 | 33.21 2.66 0.00 | 33.72 2.84 0.00 | 43.23 3.31 0.00 | 50.01 3.92 0.00 | 59.78 4.53 0.00 | 60.48 4.69 0.00 | 48.64 3.73 0.00 | 39.11 2.73 0.00 | 33.98 2.16 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 27.87 -1.97 0.00 | 24.55 -2.22 0.00 | 24.04 -1.87 0.00 | 23.49 -1.99 0.00 | 23.69 -1.78 0.00 | 24.22 -2.08 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.11 -3.33 0.02 | 29.22 -3.14 0.00 | 29.57 -3.43 0.00 | 29.41 -3.56 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 41.02 -5.07 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.28 -4.63 0.00 | 33.58 -2.80 0.00 | 30.06 -1.75 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 27.87 -1.97 0.00 | 25.09 -1.69 0.00 | 24.04 -1.87 0.00 | 23.82 -1.66 0.00 | 23.69 -1.78 0.00 | 24.09 -2.21 0.00 | 25.19 -2.80 0.00 | 26.14 -3.04 0.02 | 28.10 -3.34 0.02 | 29.25 -3.11 0.00 | 29.57 -3.43 0.00 | 29.47 -3.50 0.02 | 28.25 -3.56 0.02 | 27.31 -3.52 0.02 | 26.76 -3.07 0.02 | 27.30 -3.24 0.02 | 27.60 -3.27 0.00 | 35.93 -3.99 0.00 | 40.97 -5.12 0.00 | 49.40 -5.86 0.00 | 49.77 -6.03 0.00 | 40.24 -4.67 0.00 | 33.73 -2.65 0.00 | 30.06 -1.75 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 31.93 2.09 0.00 | 28.86 2.09 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.83 1.53 0.00 | 29.50 1.51 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.80 1.97 0.00 | 32.88 2.04 0.00 | 31.88 2.03 0.00 | 32.91 2.35 0.00 | 33.38 2.50 0.00 | 42.75 2.83 0.00 | 49.36 3.27 0.00 | 59.23 3.98 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.67 2.29 0.00 | 33.63 1.81 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 32.38 2.54 0.00 | 29.26 2.49 0.00 | 28.24 2.33 0.00 | 27.64 2.17 0.00 | 27.59 2.11 0.00 | 28.25 1.95 0.00 | 29.89 1.90 0.00 | 31.09 1.90 0.00 | 33.28 1.82 0.00 | 34.30 1.94 0.00 | 35.15 2.15 0.00 | 35.30 2.31 0.00 | 34.15 2.32 0.00 | 33.22 2.37 0.00 | 32.21 2.36 0.00 | 33.24 2.69 0.00 | 33.75 2.87 0.00 | 43.27 3.35 0.00 | 49.96 3.87 0.00 | 60.00 4.75 0.00 | 60.65 4.85 0.00 | 48.68 3.77 0.00 | 39.14 2.76 0.00 | 34.04 2.23 0.00 |
| PATROON___115KV_TB1 80586 | 31.07 1.22 0.00 | 27.90 1.12 0.00 | 26.97 1.06 0.00 | 26.55 1.07 0.00 | 26.44 0.97 0.00 | 27.27 0.97 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 34.03 1.02 0.00 | 34.04 1.06 0.00 | 32.85 1.02 0.00 | 31.80 0.96 0.00 | 30.75 0.90 0.00 | 31.53 0.98 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.17 1.26 0.00 | 37.54 1.16 0.00 | 32.86 1.05 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 31.07 1.22 0.00 | 27.87 1.10 0.00 | 26.97 1.06 0.00 | 26.50 1.02 0.00 | 26.46 0.99 0.00 | 27.35 1.05 0.00 | 29.08 1.09 0.00 | 30.25 1.05 0.00 | 32.40 0.94 0.00 | 33.26 0.90 0.00 | 33.83 0.83 0.00 | 33.81 0.83 0.00 | 32.59 0.76 0.00 | 31.55 0.71 0.00 | 30.48 0.63 0.00 | 31.23 0.67 0.00 | 31.59 0.71 0.00 | 41.04 1.12 0.00 | 47.66 1.57 0.00 | 57.47 2.21 0.00 | 58.31 2.51 0.00 | 46.84 1.93 0.00 | 37.91 1.53 0.00 | 33.12 1.30 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 28.05 -1.79 0.00 | 24.77 -2.01 0.00 | 24.12 -1.79 0.00 | 23.56 -1.91 0.00 | 23.77 -1.71 0.00 | 24.54 -1.76 0.00 | 25.72 -2.27 0.00 | 26.71 -2.48 0.00 | 28.69 -2.77 0.00 | 29.86 -2.49 0.00 | 30.23 -2.77 0.00 | 30.05 -2.94 0.00 | 28.87 -2.96 0.00 | 27.91 -2.93 0.00 | 27.37 -2.48 0.00 | 27.99 -2.57 0.00 | 28.38 -2.50 0.00 | 36.97 -2.95 0.00 | 42.35 -3.73 0.00 | 51.05 -4.20 0.00 | 51.55 -4.24 0.00 | 41.68 -3.23 0.00 | 34.38 -2.00 0.00 | 30.51 -1.30 0.00 |

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| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 31.81 1.97 0.00 | 28.62 1.85 0.00 | 27.62 1.71 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.85 1.55 0.00 | 29.67 1.68 0.00 | 30.92 1.72 0.00 | 33.13 1.67 0.00 | 34.10 1.75 0.00 | 35.05 2.05 0.00 | 35.10 2.11 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 31.94 2.09 0.00 | 32.94 2.38 0.00 | 33.35 2.47 0.00 | 42.95 3.03 0.00 | 49.68 3.59 0.00 | 59.62 4.37 0.00 | 60.37 4.58 0.00 | 48.50 3.59 0.00 | 39.00 2.62 0.00 | 33.88 2.07 0.00 |
| PEEKSKILL____ 23653 | 31.60 1.76 0.00 | 28.30 1.53 0.00 | 27.41 1.50 0.00 | 26.88 1.40 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.47 1.48 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.82 1.98 0.00 | 31.79 1.94 0.00 | 32.76 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.36 3.27 0.00 | 59.06 3.81 0.00 | 59.76 3.96 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.66 1.84 0.00 |
| PGE MADISON__WINDPWR 24146 | 31.81 1.97 0.00 | 28.35 1.58 0.00 | 27.51 1.61 0.00 | 26.95 1.48 0.00 | 27.10 1.63 0.00 | 28.01 1.71 0.00 | 29.53 1.54 0.00 | 30.83 1.64 0.00 | 33.25 1.79 0.00 | 34.04 1.68 0.00 | 34.52 1.52 0.00 | 34.24 1.25 0.00 | 32.88 1.05 0.00 | 31.83 0.99 0.00 | 30.75 0.90 0.00 | 31.44 0.89 0.00 | 31.90 1.02 0.00 | 41.96 2.04 0.00 | 48.99 2.90 0.00 | 59.73 4.48 0.00 | 60.98 5.19 0.00 | 48.91 4.00 0.00 | 39.36 2.98 0.00 | 34.17 2.35 0.00 |
| PIERCEFIELD____HYD 23852 | 29.07 -0.78 0.00 | 26.13 -0.64 0.00 | 25.31 -0.60 0.00 | 24.89 -0.59 0.00 | 24.96 -0.51 0.00 | 25.77 -0.53 0.00 | 27.60 -0.39 0.00 | 28.85 -0.35 0.00 | 31.14 -0.31 0.00 | 31.64 -0.71 0.00 | 32.21 -0.79 0.00 | 32.23 -0.76 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.95 -0.90 0.00 | 29.52 -1.04 0.00 | 29.80 -1.08 0.00 | 38.76 -1.16 0.00 | 45.03 -1.06 0.00 | 53.76 -1.49 0.00 | 54.29 -1.51 0.00 | 43.88 -1.03 0.00 | 35.51 -0.87 0.00 | 30.96 -0.86 0.00 |
| PINELAWN_CC_I 323563 | 32.53 2.69 0.00 | 28.94 2.17 0.00 | 28.06 2.15 0.00 | 27.51 2.04 0.00 | 27.46 1.99 0.00 | 28.38 2.08 0.00 | 30.25 2.27 0.00 | 31.68 2.48 0.00 | 33.75 2.30 0.00 | 34.78 2.43 0.00 | 38.35 2.74 -2.61 | 39.12 2.80 -3.33 | 40.11 2.83 -5.45 | 43.31 2.84 -9.63 | 40.54 2.81 -7.88 | 41.97 3.15 -8.27 | 47.51 3.34 -13.30 | 50.05 4.07 -6.06 | 52.17 4.84 -1.25 | 60.96 5.69 -0.01 | 61.82 5.86 -0.17 | 52.60 4.71 -2.97 | 42.63 3.71 -2.53 | 34.88 3.05 -0.01 |
| PJM_GEN_HTP_PROXY 323702 | 31.72 1.88 0.00 | 28.46 1.69 0.00 | 27.54 1.63 0.00 | 27.00 1.53 0.00 | 26.95 1.48 0.00 | 27.80 1.50 0.00 | 29.58 1.59 0.00 | 30.83 1.63 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.47 2.59 0.00 | 42.92 3.00 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.76 1.94 0.00 |
| PJM_GEN_KEystone 24065 | 29.96 0.12 0.00 | 26.80 0.03 0.00 | 25.86 -0.05 0.00 | 25.42 -0.05 0.00 | 25.37 -0.10 0.00 | 26.14 -0.16 0.00 | 27.71 -0.28 0.00 | 28.85 -0.35 0.00 | 30.92 -0.53 0.00 | 32.00 -0.36 0.00 | 32.61 -0.39 0.00 | 32.63 -0.36 0.00 | 31.51 -0.32 0.00 | 30.56 -0.28 0.00 | 29.76 -0.09 0.00 | 30.55 0.00 0.00 | 31.00 0.12 0.00 | 40.00 0.08 0.00 | 46.04 -0.05 0.00 | 55.25 0.00 0.00 | 55.85 0.06 0.00 | 45.00 0.09 0.00 | 36.64 0.26 0.00 | 32.10 0.29 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 32.08 2.24 0.00 | 28.59 1.82 0.00 | 27.69 1.79 0.00 | 27.16 1.68 0.00 | 27.10 1.63 0.00 | 28.01 1.71 0.00 | 29.86 1.88 0.00 | 31.24 2.04 0.00 | 33.31 1.86 0.00 | 34.36 2.01 0.00 | 37.89 2.28 -2.61 | 38.70 2.38 -3.33 | 39.70 2.42 -5.45 | 42.91 2.44 -9.63 | 40.15 2.42 -7.88 | 41.54 2.72 -8.27 | 47.05 2.87 -13.30 | 49.41 3.43 -6.06 | 51.39 4.06 -1.25 | 59.96 4.69 -0.01 | 60.82 4.85 -0.17 | 51.79 3.91 -2.97 | 42.00 3.09 -2.53 | 34.31 2.48 -0.01 |
| PJM_GEN_VFT_PROXY 323633 | 31.63 1.79 0.00 | 28.38 1.61 0.00 | 27.46 1.55 0.00 | 26.93 1.45 0.00 | 26.87 1.40 0.00 | 27.72 1.42 0.00 | 29.50 1.51 0.00 | 30.74 1.55 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.75 1.75 0.00 | 34.90 1.91 0.00 | 33.84 2.01 0.00 | 32.91 2.07 0.00 | 31.88 2.03 0.00 | 32.94 2.38 0.00 | 33.41 2.53 0.00 | 42.80 2.88 0.00 | 49.50 3.41 0.00 | 59.12 3.87 0.00 | 59.76 3.96 0.00 | 48.15 3.24 0.00 | 38.74 2.36 0.00 | 33.66 1.84 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 29.57 -0.27 0.00 | 26.61 -0.16 0.00 | 25.80 -0.10 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.33 0.03 0.00 | 28.16 0.17 0.00 | 29.40 0.20 0.00 | 31.80 0.35 0.00 | 32.61 0.26 0.00 | 33.23 0.23 0.00 | 33.22 0.23 0.00 | 31.99 0.16 0.00 | 30.97 0.12 0.00 | 29.88 0.03 0.00 | 30.55 0.00 0.00 | 30.91 0.03 0.00 | 40.08 0.16 0.00 | 46.41 0.32 0.00 | 55.42 0.17 0.00 | 55.80 0.00 0.00 | 45.00 0.09 0.00 | 36.27 -0.11 0.00 | 31.56 -0.25 0.00 |
| PLEASANTVLY____LBMP 24000 | 31.45 1.61 0.00 | 28.30 1.53 0.00 | 27.31 1.40 0.00 | 26.75 1.27 0.00 | 26.72 1.25 0.00 | 27.59 1.29 0.00 | 29.36 1.37 0.00 | 30.60 1.40 0.00 | 32.78 1.32 0.00 | 33.78 1.42 0.00 | 34.59 1.58 0.00 | 34.67 1.68 0.00 | 33.58 1.75 0.00 | 32.60 1.76 0.00 | 31.58 1.73 0.00 | 32.54 1.99 0.00 | 32.98 2.10 0.00 | 42.40 2.48 0.00 | 48.99 2.90 0.00 | 58.62 3.37 0.00 | 59.37 3.57 0.00 | 47.78 2.87 0.00 | 38.49 2.11 0.00 | 33.50 1.69 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 31.72 1.88 0.00 | 28.57 1.79 0.00 | 27.54 1.63 0.00 | 26.98 1.50 0.00 | 26.95 1.48 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.95 1.95 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.91 2.06 0.00 | 32.88 2.32 0.00 | 33.35 2.47 0.00 | 42.83 2.91 0.00 | 49.54 3.46 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 31.72 1.88 0.00 | 28.57 1.79 0.00 | 27.54 1.63 0.00 | 26.98 1.50 0.00 | 26.95 1.48 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.06 1.60 0.00 | 34.07 1.71 0.00 | 34.95 1.95 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.91 2.06 0.00 | 32.88 2.32 0.00 | 33.35 2.47 0.00 | 42.83 2.91 0.00 | 49.54 3.46 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 31.60 1.76 0.00 | 28.43 1.66 0.00 | 27.44 1.53 0.00 | 26.90 1.43 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.53 1.54 0.00 | 30.74 1.55 0.00 | 32.94 1.48 0.00 | 33.91 1.55 0.00 | 34.69 1.68 0.00 | 34.80 1.81 0.00 | 33.64 1.81 0.00 | 32.69 1.85 0.00 | 31.61 1.76 0.00 | 32.57 2.02 0.00 | 33.01 2.13 0.00 | 42.51 2.59 0.00 | 49.22 3.13 0.00 | 59.01 3.76 0.00 | 59.81 4.02 0.00 | 48.05 3.14 0.00 | 38.71 2.33 0.00 | 33.72 1.91 0.00 |
| POLETTI____ 23519 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.83 1.64 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 32.97 2.13 0.00 | 31.97 2.12 0.00 | 33.00 2.44 0.00 | 33.47 2.59 0.00 | 42.91 2.99 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 59.98 4.18 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.76 1.94 0.00 |

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| POMONA___ESR 323819 | 31.60 1.76 0.00 | 28.30 1.53 0.00 | 27.41 1.50 0.00 | 26.88 1.40 0.00 | 26.80 1.32 0.00 | 27.69 1.39 0.00 | 29.44 1.45 0.00 | 30.71 1.52 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.75 1.75 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.82 1.98 0.00 | 31.79 1.94 0.00 | 32.76 2.20 0.00 | 33.22 2.35 0.00 | 42.67 2.75 0.00 | 49.36 3.27 0.00 | 59.06 3.81 0.00 | 59.81 4.02 0.00 | 48.10 3.19 0.00 | 38.71 2.33 0.00 | 33.66 1.84 0.00 |
| PORT_JEFF_3 23555 | 32.68 2.84 0.00 | 29.05 2.27 0.00 | 28.19 2.28 0.00 | 27.64 2.16 0.00 | 27.58 2.11 0.00 | 28.51 2.21 0.00 | 30.42 2.43 0.00 | 31.85 2.66 0.00 | 33.91 2.46 0.00 | 34.94 2.59 0.00 | 38.52 2.90 -2.61 | 39.32 3.00 -3.33 | 40.24 2.96 -5.45 | 43.40 2.93 -9.63 | 40.72 2.98 -7.88 | 42.15 3.33 -8.27 | 47.69 3.52 -13.30 | 50.33 4.35 -6.06 | 52.50 5.16 -1.25 | 61.35 6.08 -0.01 | 62.10 6.14 -0.17 | 52.87 4.98 -2.97 | 42.88 3.97 -2.54 | 35.11 3.28 -0.01 |
| PORT_JEFF_4 23616 | 32.68 2.84 0.00 | 29.05 2.27 0.00 | 28.19 2.28 0.00 | 27.64 2.16 0.00 | 27.58 2.11 0.00 | 28.51 2.21 0.00 | 30.42 2.43 0.00 | 31.85 2.66 0.00 | 33.91 2.46 0.00 | 34.94 2.59 0.00 | 38.52 2.90 -2.61 | 39.32 3.00 -3.33 | 40.24 2.96 -5.45 | 43.40 2.93 -9.63 | 40.72 2.98 -7.88 | 42.15 3.33 -8.27 | 47.69 3.52 -13.30 | 50.33 4.35 -6.06 | 52.50 5.16 -1.25 | 61.35 6.08 -0.01 | 62.10 6.14 -0.17 | 52.87 4.98 -2.97 | 42.88 3.97 -2.54 | 35.11 3.28 -0.01 |
| PORT_JEFF_IC 23713 | 32.71 2.86 0.00 | 29.24 2.46 0.00 | 28.21 2.31 0.00 | 27.41 1.94 0.00 | 27.61 2.14 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.01 2.65 0.00 | 38.58 2.97 -2.61 | 39.36 3.03 -3.33 | 40.30 3.02 -5.45 | 43.43 2.96 -9.63 | 40.75 3.01 -7.88 | 42.21 3.39 -8.27 | 47.76 3.58 -13.30 | 50.41 4.43 -6.06 | 52.59 5.25 -1.25 | 61.40 6.13 -0.01 | 62.16 6.19 -0.17 | 52.96 5.07 -2.97 | 42.92 4.00 -2.54 | 35.17 3.34 -0.01 |
| PPL PILGRIM_ST_GT1 24216 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.04 2.68 0.00 | 38.58 2.97 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.50 3.02 -9.63 | 40.78 3.05 -7.88 | 42.21 3.39 -8.27 | 47.75 3.58 -13.30 | 50.37 4.39 -6.06 | 52.54 5.21 -1.25 | 61.35 6.08 -0.01 | 62.21 6.25 -0.17 | 52.91 5.03 -2.97 | 42.95 4.04 -2.54 | 35.14 3.31 -0.01 |
| PPL PILGRIM_ST_GT2 24217 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.56 2.26 0.00 | 30.48 2.49 0.00 | 31.91 2.72 0.00 | 33.98 2.52 0.00 | 35.04 2.68 0.00 | 38.58 2.97 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.50 3.02 -9.63 | 40.78 3.05 -7.88 | 42.21 3.39 -8.27 | 47.75 3.58 -13.30 | 50.37 4.39 -6.06 | 52.54 5.21 -1.25 | 61.35 6.08 -0.01 | 62.21 6.25 -0.17 | 52.91 5.03 -2.97 | 42.95 4.04 -2.54 | 35.14 3.31 -0.01 |
| PPL_SHRM_GT3 24213 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.59 2.60 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.85 3.67 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.13 5.25 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| PPL_SHRM_GT4 24214 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.59 2.60 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.85 3.67 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.13 5.25 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| PROJECT___ORANGE 1 24174 | 29.72 -0.12 0.00 | 26.61 -0.16 0.00 | 25.75 -0.16 0.00 | 25.32 -0.15 0.00 | 25.34 -0.13 0.00 | 26.17 -0.13 0.00 | 27.76 -0.22 0.00 | 28.99 -0.20 0.00 | 31.24 -0.22 0.00 | 32.13 -0.23 0.00 | 32.74 -0.26 0.00 | 32.69 -0.30 0.00 | 31.54 -0.29 0.00 | 30.53 -0.31 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.57 -0.31 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.92 -0.33 0.00 | 55.57 -0.22 0.00 | 44.64 -0.27 0.00 | 36.23 -0.15 0.00 | 31.72 -0.10 0.00 |
| PROJECT___ORANGE 2 24166 | 29.72 -0.12 0.00 | 26.61 -0.16 0.00 | 25.75 -0.16 0.00 | 25.32 -0.15 0.00 | 25.34 -0.13 0.00 | 26.17 -0.13 0.00 | 27.76 -0.22 0.00 | 28.99 -0.20 0.00 | 31.24 -0.22 0.00 | 32.13 -0.23 0.00 | 32.74 -0.26 0.00 | 32.69 -0.30 0.00 | 31.54 -0.29 0.00 | 30.53 -0.31 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.57 -0.31 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.92 -0.33 0.00 | 55.57 -0.22 0.00 | 44.64 -0.27 0.00 | 36.23 -0.15 0.00 | 31.72 -0.10 0.00 |
| PUCKETT___SOLAR 323809 | 30.65 0.81 0.00 | 27.44 0.67 0.00 | 26.53 0.62 0.00 | 26.06 0.59 0.00 | 26.08 0.61 0.00 | 26.93 0.63 0.00 | 28.49 0.50 0.00 | 29.69 0.50 0.00 | 31.96 0.50 0.00 | 32.81 0.45 0.00 | 33.37 0.36 0.00 | 33.25 0.26 0.00 | 32.05 0.22 0.00 | 31.03 0.19 0.00 | 30.09 0.24 0.00 | 30.80 0.24 0.00 | 31.15 0.28 0.00 | 40.60 0.68 0.00 | 47.01 0.92 0.00 | 56.80 1.54 0.00 | 57.63 1.84 0.00 | 46.35 1.44 0.00 | 37.51 1.13 0.00 | 32.77 0.95 0.00 |
| PYRITES___HYD 24023 | 29.48 -0.36 0.00 | 26.48 -0.29 0.00 | 25.65 -0.26 0.00 | 25.19 -0.28 0.00 | 25.29 -0.18 0.00 | 26.12 -0.18 0.00 | 27.93 -0.06 0.00 | 29.14 -0.06 0.00 | 31.40 -0.06 0.00 | 31.87 -0.49 0.00 | 32.34 -0.66 0.00 | 32.33 -0.66 0.00 | 31.10 -0.73 0.00 | 30.13 -0.71 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.04 -0.83 0.00 | 39.16 -0.76 0.00 | 45.63 -0.46 0.00 | 54.70 -0.55 0.00 | 55.29 -0.50 0.00 | 44.69 -0.22 0.00 | 36.09 -0.29 0.00 | 31.40 -0.41 0.00 |
| QUAKERRD_115KV_BK1 80622 | 28.74 -1.10 0.00 | 25.57 -1.20 0.00 | 24.82 -1.09 0.00 | 24.35 -1.12 0.00 | 24.45 -1.02 0.00 | 25.20 -1.10 0.00 | 26.64 -1.34 0.00 | 27.82 -1.37 0.00 | 29.98 -1.48 0.00 | 30.90 -1.46 0.00 | 31.42 -1.58 0.00 | 31.31 -1.68 0.00 | 30.17 -1.66 0.00 | 29.21 -1.63 0.00 | 28.42 -1.43 0.00 | 28.97 -1.59 0.00 | 29.33 -1.54 0.00 | 38.16 -1.76 0.00 | 43.88 -2.21 0.00 | 52.99 -2.27 0.00 | 53.68 -2.12 0.00 | 43.11 -1.80 0.00 | 35.18 -1.20 0.00 | 30.83 -0.99 0.00 |
| QUENSBRY_115KV_TB8 356137 | 32.02 2.18 0.00 | 28.73 1.95 0.00 | 27.80 1.89 0.00 | 27.31 1.83 0.00 | 27.25 1.78 0.00 | 28.14 1.84 0.00 | 29.97 1.99 0.00 | 31.18 1.99 0.00 | 33.47 2.01 0.00 | 34.49 2.14 0.00 | 34.92 1.91 0.00 | 34.83 1.85 0.00 | 33.48 1.66 0.00 | 32.23 1.39 0.00 | 31.07 1.22 0.00 | 31.87 1.31 0.00 | 32.48 1.61 0.00 | 42.20 2.28 0.00 | 49.22 3.13 0.00 | 59.56 4.31 0.00 | 60.43 4.63 0.00 | 48.46 3.55 0.00 | 39.18 2.80 0.00 | 34.17 2.35 0.00 |
| RAMAPO___LBMP 323565 | 31.48 1.64 0.00 | 28.33 1.55 0.00 | 27.31 1.40 0.00 | 26.75 1.27 0.00 | 26.72 1.25 0.00 | 27.59 1.29 0.00 | 29.36 1.37 0.00 | 30.63 1.43 0.00 | 32.81 1.35 0.00 | 33.81 1.46 0.00 | 34.62 1.62 0.00 | 34.74 1.75 0.00 | 33.64 1.81 0.00 | 32.69 1.85 0.00 | 31.67 1.82 0.00 | 32.63 2.08 0.00 | 33.10 2.22 0.00 | 42.51 2.59 0.00 | 49.13 3.04 0.00 | 58.79 3.54 0.00 | 59.53 3.74 0.00 | 47.92 3.01 0.00 | 38.53 2.15 0.00 | 33.53 1.72 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| RANKINE_____ | 28.23 | 24.90 | 24.28 | 23.72 | 23.94 | 24.70 | 25.86 | 26.89 | 28.88 | 30.06 | 30.43 | 30.28 | 29.06 | 28.10 | 27.52 | 28.14 | 28.50 | 37.13 | 42.49 | 51.33 | 51.78 | 41.86 | 34.63 | 30.70 |
| 23646 | -1.61 | -1.87 | -1.63 | -1.76 | -1.53 | -1.60 | -2.13 | -2.31 | -2.58 | -2.30 | -2.57 | -2.70 | -2.77 | -2.74 | -2.33 | -2.41 | -2.38 | -2.79 | -3.59 | -3.92 | -4.02 | -3.05 | -1.75 | -1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT2_1 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.91 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24244 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 2.99 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT2_2 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.91 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24245 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 2.99 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT2_3 | 31.75 | 28.65 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.07 | 34.92 | 35.03 | 33.96 | 33.00 | 31.97 | 33.00 | 33.50 | 42.95 | 49.64 | 59.34 | 60.04 | 48.32 | 38.85 | 33.79 |
| 24246 | 1.91 | 1.87 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.71 | 1.91 | 2.05 | 2.13 | 2.16 | 2.12 | 2.44 | 2.62 | 3.03 | 3.55 | 4.09 | 4.24 | 3.41 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT2_4 | 31.75 | 28.65 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.07 | 34.92 | 35.03 | 33.96 | 33.00 | 31.97 | 33.00 | 33.50 | 42.95 | 49.64 | 59.34 | 60.04 | 48.32 | 38.85 | 33.79 |
| 24247 | 1.91 | 1.87 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.71 | 1.91 | 2.05 | 2.13 | 2.16 | 2.12 | 2.44 | 2.62 | 3.03 | 3.55 | 4.09 | 4.24 | 3.41 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT3_1 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.95 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24248 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 3.03 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT3_2 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.95 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24249 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 3.03 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT3_3 | 31.78 | 28.65 | 27.62 | 27.03 | 27.00 | 27.85 | 29.64 | 30.89 | 33.06 | 34.07 | 34.92 | 35.07 | 33.96 | 33.03 | 32.00 | 33.03 | 33.53 | 42.99 | 49.68 | 59.40 | 60.09 | 48.37 | 38.89 | 33.82 |
| 24250 | 1.94 | 1.87 | 1.71 | 1.55 | 1.53 | 1.55 | 1.65 | 1.69 | 1.60 | 1.71 | 1.91 | 2.08 | 2.13 | 2.19 | 2.15 | 2.47 | 2.66 | 3.07 | 3.59 | 4.14 | 4.30 | 3.46 | 2.51 | 2.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT3_4 | 31.78 | 28.65 | 27.62 | 27.03 | 27.00 | 27.85 | 29.64 | 30.89 | 33.06 | 34.07 | 34.92 | 35.07 | 33.96 | 33.03 | 32.00 | 33.03 | 33.53 | 42.99 | 49.68 | 59.40 | 60.09 | 48.37 | 38.89 | 33.82 |
| 24251 | 1.94 | 1.87 | 1.71 | 1.55 | 1.53 | 1.55 | 1.65 | 1.69 | 1.60 | 1.71 | 1.91 | 2.08 | 2.13 | 2.19 | 2.15 | 2.47 | 2.66 | 3.07 | 3.59 | 4.14 | 4.30 | 3.46 | 2.51 | 2.00 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_1 | 31.87 | 28.75 | 27.72 | 27.13 | 27.10 | 27.88 | 29.64 | 30.86 | 33.03 | 34.07 | 34.92 | 35.07 | 33.96 | 33.03 | 32.03 | 33.06 | 33.53 | 42.99 | 49.64 | 59.40 | 60.03 | 48.28 | 38.85 | 33.79 |
| 23729 | 2.03 | 1.98 | 1.81 | 1.66 | 1.63 | 1.58 | 1.65 | 1.66 | 1.57 | 1.71 | 1.91 | 2.08 | 2.13 | 2.19 | 2.18 | 2.51 | 2.66 | 3.07 | 3.55 | 4.14 | 4.24 | 3.37 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_10 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.95 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24258 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 3.03 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_11 | 31.75 | 28.62 | 27.59 | 27.00 | 26.97 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.00 | 33.47 | 42.95 | 49.64 | 59.34 | 60.04 | 48.28 | 38.82 | 33.79 |
| 24259 | 1.91 | 1.85 | 1.68 | 1.53 | 1.50 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.44 | 2.59 | 3.03 | 3.55 | 4.09 | 4.24 | 3.37 | 2.44 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_4 | 31.78 | 28.65 | 27.62 | 27.03 | 27.00 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.03 | 33.50 | 42.95 | 49.64 | 59.34 | 60.04 | 48.32 | 38.85 | 33.79 |
| 24252 | 1.94 | 1.87 | 1.71 | 1.55 | 1.53 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.47 | 2.62 | 3.03 | 3.55 | 4.09 | 4.24 | 3.41 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_5 | 31.78 | 28.65 | 27.62 | 27.03 | 27.00 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.03 | 33.50 | 42.95 | 49.64 | 59.34 | 60.04 | 48.32 | 38.85 | 33.79 |
| 24254 | 1.94 | 1.87 | 1.71 | 1.55 | 1.53 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.47 | 2.62 | 3.03 | 3.55 | 4.09 | 4.24 | 3.41 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RAVENSWOOD_GT_6 | 31.78 | 28.65 | 27.62 | 27.03 | 27.00 | 27.83 | 29.61 | 30.86 | 33.03 | 34.04 | 34.88 | 35.03 | 33.93 | 33.00 | 31.97 | 33.03 | 33.50 | 42.95 | 49.64 | 59.34 | 60.04 | 48.32 | 38.85 | 33.79 |
| 24253 | 1.94 | 1.87 | 1.71 | 1.55 | 1.53 | 1.53 | 1.62 | 1.66 | 1.57 | 1.68 | 1.88 | 2.05 | 2.10 | 2.16 | 2.12 | 2.47 | 2.62 | 3.03 | 3.55 | 4.09 | 4.24 | 3.41 | 2.47 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT_7 24255 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.62 1.71 0.00 | 27.03 1.55 0.00 | 27.00 1.53 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.03 2.47 0.00 | 33.50 2.62 0.00 | 42.95 3.03 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.44 0.00 | 33.47 2.59 0.00 | 42.95 3.03 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD_GT_9 24257 | 31.75 1.91 0.00 | 28.62 1.85 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.03 2.05 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.44 0.00 | 33.47 2.59 0.00 | 42.95 3.03 0.00 | 49.64 3.55 0.00 | 59.34 4.09 0.00 | 60.04 4.24 0.00 | 48.28 3.37 0.00 | 38.82 2.44 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD___1 23533 | 31.84 2.00 0.00 | 28.59 1.82 0.00 | 27.69 1.79 0.00 | 27.13 1.65 0.00 | 27.08 1.61 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD___2 23534 | 31.84 2.00 0.00 | 28.59 1.82 0.00 | 27.67 1.76 0.00 | 27.13 1.65 0.00 | 27.08 1.61 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD___3 23535 | 31.75 1.91 0.00 | 28.49 1.71 0.00 | 27.59 1.68 0.00 | 27.03 1.55 0.00 | 26.97 1.50 0.00 | 27.82 1.52 0.00 | 29.61 1.62 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.88 1.88 0.00 | 35.00 2.01 0.00 | 33.93 2.10 0.00 | 33.00 2.16 0.00 | 31.97 2.12 0.00 | 33.00 2.45 0.00 | 33.47 2.59 0.00 | 42.95 3.03 0.00 | 49.69 3.60 0.00 | 59.34 4.09 0.00 | 60.03 4.24 0.00 | 48.32 3.41 0.00 | 38.89 2.51 0.00 | 33.79 1.97 0.00 |
| RAVENSWOOD___4 23820 | 31.81 1.97 0.00 | 28.57 1.79 0.00 | 27.67 1.76 0.00 | 27.13 1.65 0.00 | 27.05 1.58 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.04 1.68 0.00 | 34.92 1.91 0.00 | 35.03 2.05 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.09 4.30 0.00 | 48.37 3.46 0.00 | 38.93 2.55 0.00 | 33.79 1.97 0.00 |
| RCPL_TRUST___DRP 24196 | 31.90 2.06 0.00 | 28.73 1.95 0.00 | 27.70 1.79 0.00 | 27.11 1.63 0.00 | 27.08 1.60 0.00 | 27.93 1.63 0.00 | 29.75 1.76 0.00 | 31.01 1.81 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 35.15 2.15 0.00 | 35.26 2.28 0.00 | 34.19 2.36 0.00 | 33.22 2.37 0.00 | 32.18 2.33 0.00 | 33.24 2.69 0.00 | 33.72 2.84 0.00 | 43.23 3.31 0.00 | 49.96 3.87 0.00 | 59.73 4.48 0.00 | 60.43 4.63 0.00 | 48.59 3.68 0.00 | 39.04 2.66 0.00 | 33.95 2.13 0.00 |
| RED___ROCHESTER 323720 | 29.42 -0.42 0.00 | 26.40 -0.37 0.00 | 25.36 -0.55 0.00 | 25.07 -0.41 0.00 | 25.01 -0.46 0.00 | 25.67 -0.63 0.00 | 27.17 -0.81 0.00 | 28.41 -0.79 0.00 | 30.61 -0.85 0.00 | 31.58 -0.78 0.00 | 32.04 -0.96 0.00 | 31.96 -1.02 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.20 -0.18 0.00 | 31.66 -0.16 0.00 |
| REGAN___SOLAR 323812 | 31.63 1.79 0.00 | 28.38 1.61 0.00 | 27.46 1.55 0.00 | 26.98 1.50 0.00 | 26.95 1.48 0.00 | 27.90 1.60 0.00 | 29.61 1.62 0.00 | 30.68 1.49 0.00 | 32.75 1.29 0.00 | 33.42 1.07 0.00 | 33.89 0.89 0.00 | 33.75 0.76 0.00 | 32.43 0.60 0.00 | 31.31 0.46 0.00 | 30.18 0.33 0.00 | 30.89 0.34 0.00 | 31.28 0.40 0.00 | 40.92 1.00 0.00 | 48.11 2.03 0.00 | 58.74 3.48 0.00 | 59.70 3.90 0.00 | 47.92 3.01 0.00 | 38.74 2.36 0.00 | 33.76 1.94 0.00 |
| RENSSELAER___COGEN 23796 | 30.95 1.10 0.00 | 27.74 0.96 0.00 | 26.87 0.96 0.00 | 26.42 0.94 0.00 | 26.34 0.87 0.00 | 27.19 0.89 0.00 | 28.94 0.95 0.00 | 30.13 0.93 0.00 | 32.18 0.72 0.00 | 33.13 0.78 0.00 | 33.83 0.83 0.00 | 33.84 0.86 0.00 | 32.69 0.86 0.00 | 31.67 0.83 0.00 | 30.62 0.77 0.00 | 31.44 0.89 0.00 | 31.62 0.74 0.00 | 40.76 0.84 0.00 | 47.01 0.92 0.00 | 56.36 1.10 0.00 | 57.13 1.34 0.00 | 45.99 1.08 0.00 | 37.29 0.91 0.00 | 32.74 0.92 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 32.98 3.13 0.00 | 29.58 2.81 0.00 | 28.68 2.77 0.00 | 28.15 2.67 0.00 | 28.07 2.60 0.00 | 28.98 2.68 0.00 | 30.90 2.91 0.00 | 32.00 2.80 0.00 | 34.29 2.83 0.00 | 35.40 3.04 0.00 | 35.81 2.81 0.00 | 35.66 2.67 0.00 | 34.12 2.29 0.00 | 32.85 2.00 0.00 | 31.58 1.73 0.00 | 32.42 1.86 0.00 | 33.10 2.22 0.00 | 43.19 3.27 0.00 | 50.65 4.56 0.00 | 61.72 6.46 0.00 | 62.77 6.97 0.00 | 50.21 5.30 0.00 | 40.53 4.15 0.00 | 35.25 3.44 0.00 |
| REVERE_CPPR_DRP 24186 | 30.50 0.66 0.00 | 27.28 0.51 0.00 | 26.43 0.52 0.00 | 25.93 0.46 0.00 | 26.03 0.56 0.00 | 26.96 0.66 0.00 | 28.69 0.70 0.00 | 30.01 0.82 0.00 | 32.34 0.88 0.00 | 33.13 0.78 0.00 | 33.73 0.73 0.00 | 33.58 0.59 0.00 | 32.34 0.51 0.00 | 31.37 0.52 0.00 | 30.33 0.48 0.00 | 30.98 0.43 0.00 | 31.34 0.46 0.00 | 40.88 0.96 0.00 | 47.42 1.34 0.00 | 57.35 2.10 0.00 | 58.36 2.57 0.00 | 46.89 1.98 0.00 | 37.83 1.46 0.00 | 32.93 1.11 0.00 |
| REYNLDDPA_13_KV_LD 356490 | 29.54 -0.30 0.00 | 26.56 -0.22 0.00 | 25.73 -0.18 0.00 | 25.30 -0.18 0.00 | 25.35 -0.13 0.00 | 26.12 -0.18 0.00 | 27.88 -0.11 0.00 | 29.08 -0.12 0.00 | 31.46 0.00 0.00 | 32.29 -0.06 0.00 | 32.94 -0.07 0.00 | 32.95 -0.03 0.00 | 31.73 -0.10 0.00 | 30.75 -0.09 0.00 | 29.67 -0.18 0.00 | 30.37 -0.18 0.00 | 30.75 -0.12 0.00 | 39.80 -0.12 0.00 | 46.04 -0.05 0.00 | 54.31 -0.94 0.00 | 54.73 -1.06 0.00 | 44.60 -0.31 0.00 | 36.09 -0.29 0.00 | 31.50 -0.32 0.00 |
| REYNOLDS_115KV_TB3 80639 | 31.12 1.28 0.00 | 27.95 1.18 0.00 | 27.02 1.11 0.00 | 26.60 1.12 0.00 | 26.49 1.02 0.00 | 27.35 1.05 0.00 | 29.11 1.12 0.00 | 30.34 1.14 0.00 | 32.47 1.01 0.00 | 33.42 1.07 0.00 | 34.13 1.12 0.00 | 34.14 1.15 0.00 | 32.98 1.15 0.00 | 31.95 1.11 0.00 | 30.89 1.04 0.00 | 31.72 1.16 0.00 | 31.90 1.02 0.00 | 41.04 1.12 0.00 | 47.38 1.29 0.00 | 56.75 1.49 0.00 | 57.53 1.73 0.00 | 46.30 1.39 0.00 | 37.65 1.27 0.00 | 33.02 1.21 0.00 |

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| RIVERBAY____ 323610 | 32.38 2.54 0.00 | 29.26 2.49 0.00 | 28.24 2.33 0.00 | 27.64 2.17 0.00 | 27.59 2.11 0.00 | 28.25 1.95 0.00 | 29.89 1.90 0.00 | 31.09 1.90 0.00 | 33.28 1.82 0.00 | 34.30 1.94 0.00 | 35.15 2.15 0.00 | 35.30 2.31 0.00 | 34.15 2.32 0.00 | 33.22 2.37 0.00 | 32.21 2.36 0.00 | 33.24 2.69 0.00 | 33.75 2.87 0.00 | 43.27 3.35 0.00 | 49.96 3.87 0.00 | 60.00 4.75 0.00 | 60.65 4.85 0.00 | 48.68 3.77 0.00 | 39.14 2.76 0.00 | 34.04 2.23 0.00 |
| RIVERSDE_115KV_TB3 55908 | 31.07 1.22 0.00 | 27.87 1.10 0.00 | 26.97 1.06 0.00 | 26.52 1.04 0.00 | 26.44 0.97 0.00 | 27.27 0.97 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.33 0.97 0.00 | 34.03 1.02 0.00 | 34.04 1.06 0.00 | 32.85 1.02 0.00 | 31.83 0.99 0.00 | 30.77 0.93 0.00 | 31.59 1.04 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.58 1.33 0.00 | 57.36 1.56 0.00 | 46.17 1.26 0.00 | 37.54 1.16 0.00 | 32.90 1.08 0.00 |
| ROARING__BROOK_WT_PWR 323790 | 29.21 -0.63 0.00 | 26.24 -0.54 0.00 | 25.47 -0.44 0.00 | 25.09 -0.38 0.00 | 25.17 -0.30 0.00 | 26.04 -0.26 0.00 | 27.79 -0.19 0.00 | 29.02 -0.17 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.90 -0.10 0.00 | 32.89 -0.10 0.00 | 31.70 -0.13 0.00 | 30.72 -0.12 0.00 | 29.70 -0.15 0.00 | 30.40 -0.15 0.00 | 30.72 -0.15 0.00 | 39.72 -0.20 0.00 | 45.90 -0.18 0.00 | 54.92 -0.33 0.00 | 55.35 -0.45 0.00 | 44.51 -0.40 0.00 | 35.98 -0.40 0.00 | 31.43 -0.38 0.00 |
| ROCHESRG_115KV_T4 355643 | 29.16 -0.69 0.00 | 25.89 -0.88 0.00 | 25.13 -0.78 0.00 | 24.66 -0.82 0.00 | 24.78 -0.69 0.00 | 25.51 -0.79 0.00 | 26.95 -1.04 0.00 | 28.15 -1.05 0.00 | 30.29 -1.16 0.00 | 31.26 -1.10 0.00 | 31.75 -1.25 0.00 | 31.64 -1.35 0.00 | 30.49 -1.34 0.00 | 29.52 -1.33 0.00 | 28.75 -1.10 0.00 | 29.30 -1.25 0.00 | 29.67 -1.20 0.00 | 38.60 -1.32 0.00 | 44.38 -1.71 0.00 | 53.60 -1.66 0.00 | 54.23 -1.56 0.00 | 43.61 -1.30 0.00 | 35.69 -0.69 0.00 | 31.31 -0.51 0.00 |
| ROCHESTER_9_IC 23652 | 29.33 -0.51 0.00 | 26.05 -0.72 0.00 | 25.29 -0.62 0.00 | 24.81 -0.66 0.00 | 24.94 -0.53 0.00 | 25.67 -0.63 0.00 | 27.09 -0.90 0.00 | 28.32 -0.88 0.00 | 30.48 -0.98 0.00 | 31.48 -0.87 0.00 | 31.95 -1.06 0.00 | 31.83 -1.15 0.00 | 30.68 -1.15 0.00 | 29.70 -1.14 0.00 | 28.92 -0.93 0.00 | 29.45 -1.10 0.00 | 29.86 -1.02 0.00 | 38.88 -1.04 0.00 | 44.75 -1.34 0.00 | 54.09 -1.16 0.00 | 54.79 -1.00 0.00 | 44.01 -0.90 0.00 | 35.98 -0.40 0.00 | 31.53 -0.29 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 31.78 1.94 0.00 | 28.62 1.85 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.88 1.58 0.00 | 29.67 1.68 0.00 | 30.95 1.75 0.00 | 33.13 1.67 0.00 | 34.13 1.78 0.00 | 35.02 2.01 0.00 | 35.10 2.11 0.00 | 33.99 2.16 0.00 | 33.06 2.22 0.00 | 32.00 2.15 0.00 | 33.00 2.44 0.00 | 33.47 2.59 0.00 | 42.99 3.07 0.00 | 49.73 3.64 0.00 | 59.51 4.25 0.00 | 60.20 4.41 0.00 | 48.46 3.55 0.00 | 38.93 2.55 0.00 | 33.85 2.04 0.00 |
| ROME____115KV_TB2 80656 | 30.50 0.66 0.00 | 27.28 0.51 0.00 | 26.43 0.52 0.00 | 25.93 0.46 0.00 | 26.03 0.56 0.00 | 26.96 0.66 0.00 | 28.69 0.70 0.00 | 30.01 0.82 0.00 | 32.34 0.88 0.00 | 33.13 0.78 0.00 | 33.73 0.73 0.00 | 33.58 0.59 0.00 | 32.34 0.51 0.00 | 31.37 0.52 0.00 | 30.33 0.48 0.00 | 30.98 0.43 0.00 | 31.34 0.46 0.00 | 40.88 0.96 0.00 | 47.42 1.34 0.00 | 57.35 2.10 0.00 | 58.36 2.57 0.00 | 46.89 1.98 0.00 | 37.83 1.46 0.00 | 32.93 1.11 0.00 |
| ROSETON__1 23587 | 31.42 1.58 0.00 | 28.14 1.36 0.00 | 27.25 1.35 0.00 | 26.72 1.25 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.57 1.37 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.55 1.55 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.54 1.70 0.00 | 31.52 1.67 0.00 | 32.48 1.93 0.00 | 32.88 2.01 0.00 | 42.32 2.40 0.00 | 48.90 2.81 0.00 | 58.57 3.31 0.00 | 59.26 3.46 0.00 | 47.70 2.79 0.00 | 38.45 2.07 0.00 | 33.47 1.65 0.00 |
| ROSETON__2 23588 | 31.42 1.58 0.00 | 28.14 1.36 0.00 | 27.25 1.35 0.00 | 26.72 1.25 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.57 1.37 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.55 1.55 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.54 1.70 0.00 | 31.52 1.67 0.00 | 32.48 1.93 0.00 | 32.88 2.01 0.00 | 42.32 2.40 0.00 | 48.90 2.81 0.00 | 58.57 3.31 0.00 | 59.26 3.46 0.00 | 47.70 2.79 0.00 | 38.45 2.07 0.00 | 33.47 1.65 0.00 |
| ROTTDRAM_115KV_TB3 80664 | 30.92 1.07 0.00 | 27.76 0.99 0.00 | 26.84 0.93 0.00 | 26.39 0.92 0.00 | 26.34 0.87 0.00 | 27.19 0.89 0.00 | 28.94 0.95 0.00 | 30.13 0.93 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 33.93 0.92 0.00 | 33.91 0.92 0.00 | 32.72 0.89 0.00 | 31.71 0.86 0.00 | 30.66 0.81 0.00 | 31.41 0.86 0.00 | 31.77 0.90 0.00 | 41.08 1.16 0.00 | 47.56 1.47 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.69 1.31 0.00 | 32.96 1.15 0.00 |
| RUSSELL__1 23602 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| RUSSELL__2 23532 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| RUSSELL__3 23549 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| RUSSELL__4 23556 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| RUSSELL__STATION 23914 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| S SALMON___HYD 24043 | 29.60 -0.24 0.00 | 26.53 -0.24 0.00 | 25.65 -0.26 0.00 | 25.22 -0.25 0.00 | 25.27 -0.20 0.00 | 26.12 -0.18 0.00 | 27.79 -0.19 0.00 | 29.05 -0.15 0.00 | 31.27 -0.19 0.00 | 32.03 -0.32 0.00 | 32.61 -0.39 0.00 | 32.49 -0.49 0.00 | 31.32 -0.51 0.00 | 30.35 -0.49 0.00 | 29.37 -0.48 0.00 | 29.94 -0.61 0.00 | 30.26 -0.62 0.00 | 39.32 -0.60 0.00 | 45.49 -0.60 0.00 | 54.98 -0.27 0.00 | 55.91 0.11 0.00 | 44.95 0.04 0.00 | 36.38 0.00 0.00 | 31.75 -0.06 0.00 |
| S.PERRY___115KV_TB1 80734 | 30.08 0.24 0.00 | 26.69 -0.08 0.00 | 25.96 0.05 0.00 | 25.48 0.00 0.00 | 25.68 0.20 0.00 | 26.46 0.16 0.00 | 27.82 -0.17 0.00 | 28.88 -0.32 0.00 | 30.92 -0.53 0.00 | 31.71 -0.65 0.00 | 32.08 -0.92 0.00 | 31.90 -1.09 0.00 | 30.72 -1.11 0.00 | 29.67 -1.17 0.00 | 28.95 -0.90 0.00 | 29.55 -1.01 0.00 | 29.98 -0.90 0.00 | 39.44 -0.48 0.00 | 45.81 -0.28 0.00 | 56.03 0.77 0.00 | 57.02 1.23 0.00 | 45.76 0.85 0.00 | 37.29 0.91 0.00 | 32.67 0.86 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 28.11 -1.73 0.00 | 24.77 -2.01 0.00 | 24.15 -1.76 0.00 | 23.62 -1.86 0.00 | 23.82 -1.66 0.00 | 24.54 -1.76 0.00 | 25.66 -2.32 0.00 | 26.72 -2.48 0.00 | 28.72 -2.74 0.00 | 29.86 -2.49 0.00 | 30.23 -2.77 0.00 | 30.08 -2.90 0.00 | 28.87 -2.96 0.00 | 27.91 -2.93 0.00 | 27.34 -2.51 0.00 | 27.93 -2.63 0.00 | 28.25 -2.62 0.00 | 36.81 -3.11 0.00 | 42.08 -4.01 0.00 | 50.78 -4.48 0.00 | 51.22 -4.58 0.00 | 41.36 -3.55 0.00 | 34.38 -2.00 0.00 | 30.48 -1.34 0.00 |
| SAWYER___23_KV_LOAD 55526 | 28.11 -1.73 0.00 | 24.77 -2.01 0.00 | 24.15 -1.76 0.00 | 23.62 -1.86 0.00 | 23.82 -1.66 0.00 | 24.54 -1.76 0.00 | 25.66 -2.32 0.00 | 26.72 -2.48 0.00 | 28.72 -2.74 0.00 | 29.86 -2.49 0.00 | 30.23 -2.77 0.00 | 30.08 -2.90 0.00 | 28.87 -2.96 0.00 | 27.91 -2.93 0.00 | 27.34 -2.51 0.00 | 27.93 -2.63 0.00 | 28.25 -2.62 0.00 | 36.81 -3.11 0.00 | 42.08 -4.01 0.00 | 50.78 -4.48 0.00 | 51.22 -4.58 0.00 | 41.36 -3.55 0.00 | 34.38 -2.00 0.00 | 30.48 -1.34 0.00 |
| SELKIRK___I 23801 | 31.07 1.22 0.00 | 27.90 1.12 0.00 | 27.00 1.09 0.00 | 26.54 1.07 0.00 | 26.46 0.99 0.00 | 27.32 1.02 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 33.96 0.96 0.00 | 33.94 0.96 0.00 | 32.75 0.92 0.00 | 31.70 0.86 0.00 | 30.66 0.81 0.00 | 31.44 0.89 0.00 | 31.71 0.83 0.00 | 40.96 1.04 0.00 | 47.38 1.29 0.00 | 56.91 1.66 0.00 | 57.69 1.90 0.00 | 46.44 1.53 0.00 | 37.62 1.24 0.00 | 32.99 1.18 0.00 |
| SELKIRK___II 23799 | 30.89 1.04 0.00 | 27.71 0.94 0.00 | 26.81 0.91 0.00 | 26.37 0.89 0.00 | 26.29 0.81 0.00 | 27.17 0.87 0.00 | 28.88 0.90 0.00 | 30.10 0.91 0.00 | 32.18 0.72 0.00 | 33.13 0.78 0.00 | 33.83 0.83 0.00 | 33.84 0.86 0.00 | 32.69 0.86 0.00 | 31.67 0.83 0.00 | 30.66 0.81 0.00 | 31.44 0.89 0.00 | 31.68 0.80 0.00 | 40.88 0.96 0.00 | 47.19 1.10 0.00 | 56.53 1.27 0.00 | 57.30 1.51 0.00 | 46.12 1.21 0.00 | 37.36 0.98 0.00 | 32.77 0.95 0.00 |
| SENECA OSWGO___HYD 24041 | 29.36 -0.48 0.00 | 26.34 -0.43 0.00 | 25.47 -0.44 0.00 | 25.04 -0.43 0.00 | 25.04 -0.43 0.00 | 25.85 -0.45 0.00 | 27.48 -0.50 0.00 | 28.67 -0.52 0.00 | 30.86 -0.60 0.00 | 31.74 -0.62 0.00 | 32.34 -0.66 0.00 | 32.29 -0.69 0.00 | 31.13 -0.70 0.00 | 30.16 -0.68 0.00 | 29.22 -0.63 0.00 | 29.85 -0.70 0.00 | 30.17 -0.71 0.00 | 39.04 -0.88 0.00 | 44.98 -1.11 0.00 | 54.20 -1.05 0.00 | 54.85 -0.95 0.00 | 44.10 -0.81 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| SENECA___115KV_TB3 355854 | 28.26 -1.58 0.00 | 25.38 -1.39 0.00 | 24.30 -1.61 0.00 | 24.02 -1.45 0.00 | 23.94 -1.53 0.00 | 24.59 -1.71 0.00 | 25.89 -2.10 0.00 | 26.92 -2.28 0.00 | 28.91 -2.55 0.00 | 30.12 -2.23 0.00 | 30.46 -2.54 0.00 | 30.35 -2.64 0.00 | 29.09 -2.74 0.00 | 28.13 -2.71 0.00 | 27.55 -2.30 0.00 | 28.17 -2.38 0.00 | 28.50 -2.38 0.00 | 37.17 -2.75 0.00 | 42.54 -3.55 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.85 -3.06 0.00 | 34.82 -1.56 0.00 | 30.73 -1.08 0.00 |
| SENECA___ENERGY 23797 | 29.81 -0.03 0.00 | 26.72 -0.05 0.00 | 25.78 -0.13 0.00 | 25.40 -0.08 0.00 | 25.42 -0.05 0.00 | 26.22 -0.08 0.00 | 27.79 -0.19 0.00 | 28.96 -0.23 0.00 | 31.14 -0.31 0.00 | 32.03 -0.32 0.00 | 32.57 -0.43 0.00 | 32.49 -0.49 0.00 | 31.32 -0.51 0.00 | 30.29 -0.55 0.00 | 29.40 -0.45 0.00 | 30.04 -0.52 0.00 | 30.41 -0.46 0.00 | 39.56 -0.36 0.00 | 45.67 -0.42 0.00 | 55.25 0.00 0.00 | 55.96 0.17 0.00 | 44.91 0.00 0.00 | 36.53 0.15 0.00 | 31.97 0.16 0.00 |
| SHOEMAKER___GT 23640 | 31.30 1.46 0.00 | 28.06 1.29 0.00 | 27.18 1.27 0.00 | 26.65 1.17 0.00 | 26.59 1.12 0.00 | 27.46 1.16 0.00 | 29.22 1.23 0.00 | 30.42 1.23 0.00 | 32.62 1.16 0.00 | 33.55 1.20 0.00 | 34.32 1.32 0.00 | 34.40 1.42 0.00 | 33.29 1.46 0.00 | 32.35 1.51 0.00 | 31.31 1.46 0.00 | 32.26 1.71 0.00 | 32.70 1.82 0.00 | 42.11 2.19 0.00 | 48.76 2.67 0.00 | 58.40 3.15 0.00 | 59.20 3.40 0.00 | 47.60 2.69 0.00 | 38.34 1.96 0.00 | 33.37 1.56 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 31.30 1.46 0.00 | 28.17 1.39 0.00 | 27.15 1.24 0.00 | 26.62 1.15 0.00 | 26.59 1.12 0.00 | 27.46 1.16 0.00 | 29.19 1.20 0.00 | 30.42 1.23 0.00 | 32.62 1.16 0.00 | 33.58 1.23 0.00 | 34.36 1.35 0.00 | 34.44 1.45 0.00 | 33.33 1.50 0.00 | 32.35 1.51 0.00 | 31.34 1.49 0.00 | 32.30 1.74 0.00 | 32.73 1.85 0.00 | 42.12 2.20 0.00 | 48.71 2.63 0.00 | 58.40 3.15 0.00 | 59.14 3.35 0.00 | 47.56 2.65 0.00 | 38.31 1.93 0.00 | 33.37 1.56 0.00 |
| SHOREHAM_IC_1 23715 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.59 2.60 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.85 3.67 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.13 5.25 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| SHOREHAM_IC_2 23716 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.59 2.60 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.85 3.67 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.13 5.25 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| SISSONVILLE____ 23735 | 29.07 -0.78 0.00 | 26.13 -0.64 0.00 | 25.31 -0.60 0.00 | 24.89 -0.59 0.00 | 24.96 -0.51 0.00 | 25.77 -0.53 0.00 | 27.60 -0.39 0.00 | 28.85 -0.35 0.00 | 31.14 -0.31 0.00 | 31.64 -0.71 0.00 | 32.21 -0.79 0.00 | 32.23 -0.76 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.95 -0.90 0.00 | 29.52 -1.04 0.00 | 29.80 -1.08 0.00 | 38.76 -1.16 0.00 | 45.03 -1.06 0.00 | 53.76 -1.49 0.00 | 54.29 -1.51 0.00 | 43.88 -1.03 0.00 | 35.51 -0.87 0.00 | 30.96 -0.86 0.00 |
| SITHE_IND_GS1 24169 | 29.21 -0.63 0.00 | 26.18 -0.59 0.00 | 25.31 -0.59 0.00 | 24.91 -0.56 0.00 | 24.91 -0.56 0.00 | 25.70 -0.60 0.00 | 27.32 -0.67 0.00 | 28.50 -0.70 0.00 | 30.67 -0.79 0.00 | 31.55 -0.81 0.00 | 32.18 -0.82 0.00 | 32.13 -0.86 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.61 -1.48 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SITHE_IND_GS2 24170 | 29.21 -0.63 0.00 | 26.18 -0.59 0.00 | 25.31 -0.59 0.00 | 24.91 -0.56 0.00 | 24.91 -0.56 0.00 | 25.70 -0.60 0.00 | 27.32 -0.67 0.00 | 28.50 -0.70 0.00 | 30.67 -0.79 0.00 | 31.55 -0.81 0.00 | 32.18 -0.82 0.00 | 32.13 -0.86 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.61 -1.48 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |
| SITHE_IND_GS3 24171 | 29.21 -0.63 0.00 | 26.18 -0.59 0.00 | 25.31 -0.59 0.00 | 24.91 -0.56 0.00 | 24.91 -0.56 0.00 | 25.70 -0.60 0.00 | 27.32 -0.67 0.00 | 28.50 -0.70 0.00 | 30.67 -0.79 0.00 | 31.55 -0.81 0.00 | 32.18 -0.82 0.00 | 32.13 -0.86 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.61 -1.48 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |
| SITHE_IND_GS4 24172 | 29.21 -0.63 0.00 | 26.18 -0.59 0.00 | 25.31 -0.59 0.00 | 24.91 -0.56 0.00 | 24.91 -0.56 0.00 | 25.70 -0.60 0.00 | 27.32 -0.67 0.00 | 28.50 -0.70 0.00 | 30.67 -0.79 0.00 | 31.55 -0.81 0.00 | 32.18 -0.82 0.00 | 32.13 -0.86 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.61 -1.48 0.00 | 53.65 -1.60 0.00 | 54.29 -1.50 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |
| SITHE___BATAVIA 24024 | 28.77 -1.07 0.00 | 25.81 -0.96 0.00 | 24.74 -1.17 0.00 | 24.48 -0.99 0.00 | 24.43 -1.05 0.00 | 25.01 -1.29 0.00 | 26.36 -1.62 0.00 | 27.50 -1.69 0.00 | 29.51 -1.95 0.00 | 30.54 -1.81 0.00 | 30.86 -2.14 0.00 | 30.68 -2.31 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.85 -2.00 0.00 | 28.38 -2.17 0.00 | 28.78 -2.10 0.00 | 37.65 -2.27 0.00 | 43.37 -2.72 0.00 | 52.60 -2.65 0.00 | 53.34 -2.45 0.00 | 42.89 -2.02 0.00 | 35.51 -0.87 0.00 | 31.15 -0.67 0.00 |
| SITHE___INDEPEND 23800 | 29.22 -0.63 0.00 | 26.16 -0.62 0.00 | 25.31 -0.60 0.00 | 24.89 -0.59 0.00 | 24.91 -0.56 0.00 | 25.70 -0.60 0.00 | 27.32 -0.67 0.00 | 28.50 -0.70 0.00 | 30.67 -0.79 0.00 | 31.55 -0.81 0.00 | 32.14 -0.86 0.00 | 32.13 -0.86 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.07 -0.78 0.00 | 29.70 -0.86 0.00 | 30.01 -0.86 0.00 | 38.76 -1.16 0.00 | 44.61 -1.47 0.00 | 53.65 -1.60 0.00 | 54.29 -1.51 0.00 | 43.65 -1.26 0.00 | 35.43 -0.95 0.00 | 31.08 -0.73 0.00 |
| SITHE___MASSENA 23902 | 29.51 -0.33 0.00 | 26.51 -0.27 0.00 | 25.67 -0.23 0.00 | 25.25 -0.23 0.00 | 25.29 -0.18 0.00 | 26.09 -0.21 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.46 0.00 0.00 | 32.23 -0.13 0.00 | 32.84 -0.16 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.66 -0.18 0.00 | 29.61 -0.24 0.00 | 30.28 -0.28 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 45.95 -0.14 0.00 | 54.81 -0.44 0.00 | 55.24 -0.56 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.47 -0.35 0.00 |
| SITHE___OGDNSBRG 24021 | 29.60 -0.24 0.00 | 26.59 -0.19 0.00 | 25.78 -0.13 0.00 | 25.32 -0.15 0.00 | 25.40 -0.08 0.00 | 26.22 -0.08 0.00 | 28.02 0.03 0.00 | 29.20 0.00 0.00 | 31.43 -0.03 0.00 | 31.97 -0.39 0.00 | 32.47 -0.53 0.00 | 32.49 -0.49 0.00 | 31.26 -0.57 0.00 | 30.29 -0.56 0.00 | 29.25 -0.60 0.00 | 29.91 -0.64 0.00 | 30.26 -0.62 0.00 | 39.44 -0.48 0.00 | 45.95 -0.14 0.00 | 55.03 -0.22 0.00 | 55.57 -0.22 0.00 | 44.91 0.00 0.00 | 36.27 -0.11 0.00 | 31.56 -0.25 0.00 |
| SITHE___STERLING 23777 | 30.44 0.60 0.00 | 27.26 0.48 0.00 | 26.40 0.49 0.00 | 25.93 0.46 0.00 | 25.98 0.51 0.00 | 26.85 0.55 0.00 | 28.55 0.56 0.00 | 29.81 0.61 0.00 | 32.12 0.66 0.00 | 32.94 0.58 0.00 | 33.53 0.53 0.00 | 33.42 0.43 0.00 | 32.21 0.38 0.00 | 31.24 0.40 0.00 | 30.21 0.36 0.00 | 30.89 0.34 0.00 | 31.25 0.37 0.00 | 40.64 0.72 0.00 | 47.10 1.01 0.00 | 56.86 1.60 0.00 | 57.75 1.95 0.00 | 46.39 1.48 0.00 | 37.51 1.13 0.00 | 32.67 0.86 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 29.33 -0.51 0.00 | 26.16 -0.62 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 24.99 -0.48 0.00 | 25.77 -0.53 0.00 | 27.23 -0.76 0.00 | 28.47 -0.73 0.00 | 30.64 -0.82 0.00 | 31.58 -0.78 0.00 | 32.08 -0.92 0.00 | 31.96 -1.02 0.00 | 30.84 -0.99 0.00 | 29.82 -1.02 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.92 -0.96 0.00 | 38.96 -0.96 0.00 | 44.89 -1.20 0.00 | 54.31 -0.94 0.00 | 55.01 -0.78 0.00 | 44.15 -0.76 0.00 | 35.94 -0.44 0.00 | 31.46 -0.35 0.00 |
| SOUTH CAIRO___GT 23612 | 31.78 1.94 0.00 | 28.59 1.82 0.00 | 27.64 1.74 0.00 | 27.18 1.71 0.00 | 27.10 1.63 0.00 | 27.96 1.66 0.00 | 29.72 1.74 0.00 | 30.77 1.58 0.00 | 32.81 1.35 0.00 | 33.58 1.23 0.00 | 34.13 1.12 0.00 | 34.08 1.09 0.00 | 32.88 1.05 0.00 | 31.83 0.99 0.00 | 30.72 0.87 0.00 | 31.59 1.04 0.00 | 31.93 1.05 0.00 | 41.52 1.60 0.00 | 48.30 2.21 0.00 | 58.35 3.09 0.00 | 59.48 3.68 0.00 | 47.56 2.65 0.00 | 38.56 2.18 0.00 | 33.76 1.94 0.00 |
| SOUTH HAMPTN___IC 23720 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.32 2.41 0.00 | 27.82 2.34 0.00 | 27.79 2.32 0.00 | 28.77 2.47 0.00 | 30.76 2.77 0.00 | 32.23 3.04 0.00 | 34.29 2.83 0.00 | 35.27 2.91 0.00 | 38.88 3.27 -2.61 | 39.65 3.33 -3.33 | 40.56 3.28 -5.45 | 43.68 3.21 -9.63 | 41.05 3.31 -7.88 | 42.58 3.76 -8.27 | 48.16 3.98 -13.30 | 50.93 4.95 -6.06 | 53.24 5.90 -1.25 | 62.23 6.96 -0.01 | 62.77 6.80 -0.17 | 53.45 5.57 -2.97 | 43.32 4.40 -2.54 | 35.49 3.66 -0.01 |
| SOUTHDOW__115KV_TB1 355954 | 28.59 -1.25 0.00 | 25.25 -1.53 0.00 | 24.64 -1.27 0.00 | 24.10 -1.38 0.00 | 24.40 -1.07 0.00 | 25.25 -1.05 0.00 | 26.50 -1.48 0.00 | 27.56 -1.64 0.00 | 29.57 -1.89 0.00 | 30.87 -1.49 0.00 | 31.19 -1.82 0.00 | 31.01 -1.98 0.00 | 29.76 -2.07 0.00 | 28.74 -2.10 0.00 | 28.18 -1.67 0.00 | 28.84 -1.71 0.00 | 29.24 -1.64 0.00 | 38.20 -1.72 0.00 | 43.83 -2.26 0.00 | 52.88 -2.38 0.00 | 53.45 -2.34 0.00 | 43.20 -1.71 0.00 | 35.54 -0.84 0.00 | 31.50 -0.32 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 32.62 2.78 0.00 | 29.21 2.44 0.00 | 28.34 2.44 0.00 | 27.59 2.11 0.00 | 27.89 2.42 0.00 | 28.93 2.63 0.00 | 30.95 2.97 0.00 | 32.53 3.33 0.00 | 34.57 3.11 0.00 | 35.49 3.14 0.00 | 39.11 3.50 -2.61 | 39.92 3.60 -3.33 | 40.84 3.56 -5.45 | 43.96 3.49 -9.63 | 41.35 3.61 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.37 5.39 -6.06 | 53.74 6.41 -1.25 | 62.73 7.46 -0.01 | 63.39 7.42 -0.17 | 53.90 6.02 -2.97 | 43.54 4.62 -2.54 | 35.71 3.88 -0.01 |
| SOUTHOLD___IC 23719 | 32.62 2.78 0.00 | 29.05 2.27 0.00 | 28.34 2.43 0.00 | 27.87 2.39 0.00 | 27.89 2.42 0.00 | 28.93 2.63 0.00 | 30.95 2.97 0.00 | 32.52 3.33 0.00 | 34.57 3.12 0.00 | 35.49 3.14 0.00 | 39.11 3.50 -2.61 | 39.92 3.60 -3.33 | 40.84 3.56 -5.45 | 43.96 3.48 -9.63 | 41.34 3.61 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.36 5.39 -6.06 | 53.79 6.45 -1.25 | 62.84 7.57 -0.01 | 63.33 7.36 -0.17 | 53.90 6.02 -2.97 | 43.57 4.66 -2.54 | 35.71 3.88 -0.01 |
| SOUTH_FORK_WT_PWR 323839 | 32.26 2.42 0.00 | 28.78 2.01 0.00 | 28.14 2.23 0.00 | 27.72 2.24 0.00 | 27.77 2.29 0.00 | 28.82 2.53 0.00 | 30.87 2.88 0.00 | 32.47 3.27 0.00 | 34.51 3.05 0.00 | 35.36 3.01 0.00 | 38.98 3.37 -2.61 | 39.82 3.50 -3.33 | 40.78 3.50 -5.45 | 43.90 3.42 -9.63 | 41.31 3.58 -7.88 | 42.89 4.06 -8.27 | 48.50 4.32 -13.30 | 51.33 5.35 -6.06 | 53.70 6.36 -1.25 | 62.72 7.46 -0.01 | 63.22 7.25 -0.17 | 53.76 5.88 -2.97 | 43.46 4.55 -2.54 | 35.61 3.78 -0.01 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SPIERFLS_115KV_TB1 80737 | 31.81 1.97 0.00 | 28.54 1.77 0.00 | 27.62 1.71 0.00 | 27.13 1.66 0.00 | 27.08 1.60 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 34.65 1.65 0.00 | 34.60 1.62 0.00 | 33.26 1.43 0.00 | 32.04 1.20 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.30 1.42 0.00 | 41.96 2.04 0.00 | 48.90 2.81 0.00 | 59.07 3.81 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.89 2.51 0.00 | 33.95 2.13 0.00 |
| ST LAWRENCE____ 23600 | 29.33 -0.51 0.00 | 26.34 -0.43 0.00 | 25.52 -0.39 0.00 | 25.09 -0.38 0.00 | 25.14 -0.33 0.00 | 25.96 -0.34 0.00 | 27.68 -0.31 0.00 | 28.88 -0.32 0.00 | 31.24 -0.22 0.00 | 32.06 -0.29 0.00 | 32.71 -0.30 0.00 | 32.69 -0.30 0.00 | 31.51 -0.32 0.00 | 30.53 -0.31 0.00 | 29.49 -0.36 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.52 -0.40 0.00 | 45.67 -0.42 0.00 | 54.53 -0.72 0.00 | 54.90 -0.89 0.00 | 44.32 -0.59 0.00 | 35.84 -0.54 0.00 | 31.27 -0.54 0.00 |
| STATE_CA_115KV_115_LB 55624 | 31.07 1.22 0.00 | 27.90 1.12 0.00 | 26.97 1.06 0.00 | 26.55 1.07 0.00 | 26.44 0.97 0.00 | 27.27 0.97 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 34.03 1.02 0.00 | 34.04 1.06 0.00 | 32.85 1.02 0.00 | 31.80 0.96 0.00 | 30.75 0.90 0.00 | 31.53 0.98 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.17 1.26 0.00 | 37.54 1.16 0.00 | 32.86 1.05 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 29.99 0.15 0.00 | 26.83 0.05 0.00 | 25.96 0.05 0.00 | 25.53 0.05 0.00 | 25.57 0.10 0.00 | 26.41 0.11 0.00 | 27.99 0.00 0.00 | 29.20 0.00 0.00 | 31.40 -0.06 0.00 | 32.29 -0.06 0.00 | 32.87 -0.13 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.56 -0.28 0.00 | 29.67 -0.18 0.00 | 30.31 -0.24 0.00 | 30.69 -0.19 0.00 | 39.88 -0.04 0.00 | 46.04 -0.05 0.00 | 55.64 0.39 0.00 | 56.41 0.61 0.00 | 45.27 0.36 0.00 | 36.67 0.29 0.00 | 32.10 0.29 0.00 |
| STATION 5_MISC_HYD 23604 | 29.33 -0.51 0.00 | 26.32 -0.46 0.00 | 25.29 -0.62 0.00 | 24.99 -0.48 0.00 | 24.94 -0.54 0.00 | 25.62 -0.68 0.00 | 27.09 -0.90 0.00 | 28.32 -0.88 0.00 | 30.52 -0.94 0.00 | 31.48 -0.87 0.00 | 31.95 -1.06 0.00 | 31.87 -1.12 0.00 | 30.69 -1.14 0.00 | 29.70 -1.14 0.00 | 28.92 -0.93 0.00 | 29.46 -1.10 0.00 | 29.86 -1.02 0.00 | 38.88 -1.04 0.00 | 44.75 -1.34 0.00 | 54.09 -1.16 0.00 | 54.79 -1.00 0.00 | 43.96 -0.95 0.00 | 36.05 -0.33 0.00 | 31.53 -0.29 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 29.54 -0.30 0.00 | 26.32 -0.46 0.00 | 25.52 -0.39 0.00 | 25.07 -0.41 0.00 | 25.17 -0.31 0.00 | 25.93 -0.37 0.00 | 27.43 -0.56 0.00 | 28.64 -0.55 0.00 | 30.83 -0.63 0.00 | 31.77 -0.58 0.00 | 32.28 -0.73 0.00 | 32.16 -0.82 0.00 | 31.00 -0.83 0.00 | 30.01 -0.83 0.00 | 29.19 -0.66 0.00 | 29.76 -0.79 0.00 | 30.14 -0.74 0.00 | 39.28 -0.64 0.00 | 45.26 -0.83 0.00 | 54.70 -0.55 0.00 | 55.40 -0.39 0.00 | 44.51 -0.40 0.00 | 36.23 -0.15 0.00 | 31.75 -0.06 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 29.16 -0.69 0.00 | 25.92 -0.86 0.00 | 25.16 -0.75 0.00 | 24.69 -0.79 0.00 | 24.78 -0.69 0.00 | 25.54 -0.76 0.00 | 26.98 -1.01 0.00 | 28.20 -0.99 0.00 | 30.36 -1.10 0.00 | 31.32 -1.04 0.00 | 31.81 -1.19 0.00 | 31.70 -1.29 0.00 | 30.56 -1.27 0.00 | 29.58 -1.26 0.00 | 28.80 -1.04 0.00 | 29.33 -1.22 0.00 | 29.73 -1.14 0.00 | 38.72 -1.20 0.00 | 44.52 -1.57 0.00 | 53.82 -1.44 0.00 | 54.46 -1.34 0.00 | 43.74 -1.17 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| STA_56____34_KV_BUS2 355983 | 29.16 -0.69 0.00 | 25.92 -0.86 0.00 | 25.16 -0.75 0.00 | 24.69 -0.79 0.00 | 24.78 -0.69 0.00 | 25.54 -0.76 0.00 | 26.98 -1.01 0.00 | 28.20 -0.99 0.00 | 30.36 -1.10 0.00 | 31.32 -1.04 0.00 | 31.81 -1.19 0.00 | 31.70 -1.29 0.00 | 30.56 -1.27 0.00 | 29.58 -1.26 0.00 | 28.80 -1.04 0.00 | 29.33 -1.22 0.00 | 29.73 -1.14 0.00 | 38.72 -1.20 0.00 | 44.52 -1.57 0.00 | 53.82 -1.44 0.00 | 54.46 -1.34 0.00 | 43.74 -1.17 0.00 | 35.76 -0.62 0.00 | 31.34 -0.48 0.00 |
| STA_67____115KV_BK2 355882 | 29.30 -0.54 0.00 | 26.02 -0.75 0.00 | 25.26 -0.65 0.00 | 24.79 -0.69 0.00 | 24.91 -0.56 0.00 | 25.64 -0.66 0.00 | 27.06 -0.92 0.00 | 28.29 -0.91 0.00 | 30.45 -1.01 0.00 | 31.42 -0.94 0.00 | 31.91 -1.09 0.00 | 31.80 -1.19 0.00 | 30.65 -1.18 0.00 | 29.64 -1.20 0.00 | 28.89 -0.96 0.00 | 29.42 -1.13 0.00 | 29.83 -1.05 0.00 | 38.84 -1.08 0.00 | 44.66 -1.43 0.00 | 53.98 -1.27 0.00 | 54.68 -1.12 0.00 | 43.92 -0.99 0.00 | 35.91 -0.47 0.00 | 31.50 -0.32 0.00 |
| STA_7____115KV_9TRANS 80674 | 29.42 -0.42 0.00 | 26.13 -0.64 0.00 | 25.36 -0.54 0.00 | 24.89 -0.59 0.00 | 25.01 -0.46 0.00 | 25.75 -0.55 0.00 | 27.18 -0.81 0.00 | 28.41 -0.79 0.00 | 30.58 -0.88 0.00 | 31.58 -0.78 0.00 | 32.05 -0.96 0.00 | 31.93 -1.06 0.00 | 30.78 -1.05 0.00 | 29.79 -1.05 0.00 | 29.01 -0.84 0.00 | 29.55 -1.01 0.00 | 29.95 -0.93 0.00 | 39.04 -0.88 0.00 | 44.94 -1.15 0.00 | 54.31 -0.94 0.00 | 55.07 -0.73 0.00 | 44.19 -0.72 0.00 | 36.13 -0.25 0.00 | 31.66 -0.16 0.00 |
| STA_82____115KV_TB1 80780 | 29.24 -0.60 0.00 | 25.97 -0.80 0.00 | 25.23 -0.67 0.00 | 24.76 -0.71 0.00 | 24.86 -0.61 0.00 | 25.62 -0.68 0.00 | 27.04 -0.95 0.00 | 28.23 -0.96 0.00 | 30.42 -1.04 0.00 | 31.38 -0.97 0.00 | 31.88 -1.12 0.00 | 31.73 -1.25 0.00 | 30.59 -1.24 0.00 | 29.61 -1.23 0.00 | 28.83 -1.01 0.00 | 29.36 -1.19 0.00 | 29.77 -1.11 0.00 | 38.76 -1.16 0.00 | 44.57 -1.52 0.00 | 53.87 -1.38 0.00 | 54.57 -1.23 0.00 | 43.83 -1.08 0.00 | 35.83 -0.55 0.00 | 31.43 -0.38 0.00 |
| STEEL____WIND 323596 | 28.23 -1.61 0.00 | 25.35 -1.42 0.00 | 24.28 -1.63 0.00 | 24.02 -1.45 0.00 | 23.94 -1.53 0.00 | 24.59 -1.71 0.00 | 25.86 -2.13 0.00 | 26.92 -2.28 0.00 | 28.88 -2.58 0.00 | 30.09 -2.27 0.00 | 30.43 -2.57 0.00 | 30.32 -2.67 0.00 | 29.06 -2.77 0.00 | 28.10 -2.75 0.00 | 27.52 -2.33 0.00 | 28.14 -2.41 0.00 | 28.50 -2.38 0.00 | 37.12 -2.80 0.00 | 42.49 -3.59 0.00 | 51.33 -3.92 0.00 | 51.84 -3.96 0.00 | 41.81 -3.10 0.00 | 34.78 -1.60 0.00 | 30.73 -1.08 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 31.21 1.37 0.00 | 28.03 1.26 0.00 | 27.10 1.19 0.00 | 26.67 1.20 0.00 | 26.57 1.10 0.00 | 27.40 1.10 0.00 | 29.19 1.20 0.00 | 30.42 1.23 0.00 | 32.50 1.04 0.00 | 33.49 1.13 0.00 | 34.19 1.19 0.00 | 34.18 1.19 0.00 | 32.98 1.15 0.00 | 31.92 1.08 0.00 | 30.83 0.99 0.00 | 31.65 1.10 0.00 | 31.90 1.02 0.00 | 41.12 1.20 0.00 | 47.47 1.38 0.00 | 56.97 1.71 0.00 | 57.80 2.01 0.00 | 46.44 1.53 0.00 | 37.76 1.38 0.00 | 33.06 1.24 0.00 |
| STEBEN_REC_LFGE 323667 | 29.39 -0.45 0.00 | 26.13 -0.64 0.00 | 25.44 -0.47 0.00 | 24.99 -0.48 0.00 | 25.27 -0.20 0.00 | 26.14 -0.16 0.00 | 27.43 -0.56 0.00 | 28.44 -0.76 0.00 | 30.52 -0.94 0.00 | 31.42 -0.94 0.00 | 31.85 -1.16 0.00 | 31.70 -1.29 0.00 | 30.56 -1.27 0.00 | 29.48 -1.36 0.00 | 28.83 -1.01 0.00 | 29.42 -1.13 0.00 | 29.86 -1.02 0.00 | 39.24 -0.68 0.00 | 45.40 -0.69 0.00 | 55.31 0.06 0.00 | 56.13 0.33 0.00 | 45.13 0.22 0.00 | 36.89 0.51 0.00 | 32.48 0.67 0.00 |
| STILLWATER____SOLAR 323814 | 31.51 1.67 0.00 | 28.27 1.50 0.00 | 27.36 1.45 0.00 | 26.88 1.40 0.00 | 26.82 1.35 0.00 | 27.75 1.45 0.00 | 29.47 1.48 0.00 | 30.68 1.49 0.00 | 32.91 1.45 0.00 | 33.91 1.55 0.00 | 34.49 1.49 0.00 | 34.40 1.42 0.00 | 33.17 1.34 0.00 | 32.04 1.20 0.00 | 30.95 1.11 0.00 | 31.75 1.19 0.00 | 32.14 1.27 0.00 | 41.72 1.80 0.00 | 48.39 2.30 0.00 | 58.29 3.04 0.00 | 59.14 3.35 0.00 | 47.51 2.60 0.00 | 38.45 2.07 0.00 | 33.63 1.81 0.00 |

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| STONY___BROOK 24151 | 32.77 2.93 0.00 | 29.13 2.36 0.00 | 28.24 2.33 0.00 | 27.69 2.22 0.00 | 27.64 2.16 0.00 | 28.59 2.29 0.00 | 30.51 2.52 0.00 | 31.94 2.74 0.00 | 34.01 2.55 0.00 | 35.04 2.68 0.00 | 38.62 3.00 -2.61 | 39.39 3.07 -3.33 | 40.33 3.06 -5.45 | 43.46 2.99 -9.63 | 40.78 3.05 -7.88 | 42.24 3.42 -8.27 | 47.79 3.61 -13.30 | 50.45 4.47 -6.06 | 52.63 5.30 -1.25 | 61.51 6.24 -0.01 | 62.27 6.30 -0.17 | 53.00 5.12 -2.97 | 42.99 4.07 -2.54 | 35.20 3.37 -0.01 |
| STURGEON_POOL_HYD 23609 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.39 1.48 0.00 | 26.83 1.35 0.00 | 26.80 1.32 0.00 | 27.67 1.37 0.00 | 29.41 1.43 0.00 | 30.63 1.43 0.00 | 32.84 1.38 0.00 | 33.78 1.42 0.00 | 34.55 1.55 0.00 | 34.67 1.68 0.00 | 33.55 1.72 0.00 | 32.60 1.76 0.00 | 31.55 1.70 0.00 | 32.51 1.96 0.00 | 32.95 2.07 0.00 | 42.43 2.51 0.00 | 49.13 3.04 0.00 | 58.84 3.59 0.00 | 59.70 3.91 0.00 | 47.92 3.01 0.00 | 38.60 2.22 0.00 | 33.63 1.81 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 29.31 -0.54 0.00 | 26.32 -0.46 0.00 | 25.49 -0.42 0.00 | 25.07 -0.41 0.00 | 25.12 -0.36 0.00 | 25.93 -0.37 0.00 | 27.65 -0.33 0.00 | 28.88 -0.32 0.00 | 31.21 -0.25 0.00 | 32.03 -0.32 0.00 | 32.67 -0.33 0.00 | 32.66 -0.33 0.00 | 31.48 -0.35 0.00 | 30.50 -0.34 0.00 | 29.46 -0.39 0.00 | 30.13 -0.43 0.00 | 30.51 -0.37 0.00 | 39.48 -0.44 0.00 | 45.63 -0.46 0.00 | 54.43 -0.83 0.00 | 54.79 -1.00 0.00 | 44.28 -0.63 0.00 | 35.80 -0.58 0.00 | 31.21 -0.61 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 29.31 -0.54 0.00 | 26.32 -0.46 0.00 | 25.49 -0.42 0.00 | 25.07 -0.41 0.00 | 25.12 -0.36 0.00 | 25.93 -0.37 0.00 | 27.65 -0.33 0.00 | 28.88 -0.32 0.00 | 31.21 -0.25 0.00 | 32.03 -0.32 0.00 | 32.67 -0.33 0.00 | 32.66 -0.33 0.00 | 31.48 -0.35 0.00 | 30.50 -0.34 0.00 | 29.46 -0.39 0.00 | 30.13 -0.43 0.00 | 30.51 -0.37 0.00 | 39.48 -0.44 0.00 | 45.63 -0.46 0.00 | 54.43 -0.83 0.00 | 54.79 -1.00 0.00 | 44.28 -0.63 0.00 | 35.80 -0.58 0.00 | 31.21 -0.61 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 29.33 -0.51 0.00 | 26.34 -0.43 0.00 | 25.52 -0.39 0.00 | 25.09 -0.38 0.00 | 25.14 -0.33 0.00 | 25.96 -0.34 0.00 | 27.68 -0.31 0.00 | 28.88 -0.32 0.00 | 31.24 -0.22 0.00 | 32.06 -0.29 0.00 | 32.71 -0.30 0.00 | 32.69 -0.30 0.00 | 31.51 -0.32 0.00 | 30.53 -0.31 0.00 | 29.49 -0.36 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.52 -0.40 0.00 | 45.67 -0.42 0.00 | 54.53 -0.72 0.00 | 54.90 -0.89 0.00 | 44.32 -0.59 0.00 | 35.84 -0.54 0.00 | 31.27 -0.54 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 29.33 -0.51 0.00 | 26.34 -0.43 0.00 | 25.52 -0.39 0.00 | 25.09 -0.38 0.00 | 25.14 -0.33 0.00 | 25.96 -0.34 0.00 | 27.68 -0.31 0.00 | 28.88 -0.32 0.00 | 31.24 -0.22 0.00 | 32.06 -0.29 0.00 | 32.71 -0.30 0.00 | 32.69 -0.30 0.00 | 31.51 -0.32 0.00 | 30.53 -0.31 0.00 | 29.49 -0.36 0.00 | 30.19 -0.37 0.00 | 30.54 -0.34 0.00 | 39.52 -0.40 0.00 | 45.67 -0.42 0.00 | 54.53 -0.72 0.00 | 54.90 -0.89 0.00 | 44.32 -0.59 0.00 | 35.84 -0.54 0.00 | 31.27 -0.54 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 31.42 1.58 0.00 | 28.27 1.50 0.00 | 27.26 1.35 0.00 | 26.70 1.22 0.00 | 26.67 1.20 0.00 | 27.54 1.24 0.00 | 29.30 1.32 0.00 | 30.54 1.34 0.00 | 32.75 1.29 0.00 | 33.71 1.36 0.00 | 34.52 1.52 0.00 | 34.60 1.62 0.00 | 33.52 1.69 0.00 | 32.54 1.70 0.00 | 31.52 1.67 0.00 | 32.48 1.92 0.00 | 32.95 2.07 0.00 | 42.36 2.44 0.00 | 48.99 2.90 0.00 | 58.68 3.43 0.00 | 59.42 3.63 0.00 | 47.78 2.87 0.00 | 38.45 2.07 0.00 | 33.47 1.65 0.00 |
| SWANROAD_115KV_TB1 355699 | 27.45 -2.39 0.00 | 24.18 -2.60 0.00 | 23.58 -2.33 0.00 | 23.05 -2.42 0.00 | 23.26 -2.22 0.00 | 23.96 -2.34 0.00 | 25.05 -2.94 0.00 | 26.10 -3.09 0.00 | 28.03 -3.43 0.00 | 29.15 -3.20 0.00 | 29.47 -3.53 0.00 | 29.32 -3.66 0.00 | 28.14 -3.69 0.00 | 27.20 -3.64 0.00 | 26.65 -3.19 0.00 | 27.22 -3.33 0.00 | 27.54 -3.33 0.00 | 35.85 -4.07 0.00 | 40.97 -5.12 0.00 | 49.45 -5.80 0.00 | 49.94 -5.86 0.00 | 40.33 -4.58 0.00 | 33.58 -2.80 0.00 | 29.75 -2.07 0.00 |
| SYNERGY___BIOGAS 323694 | 28.77 -1.07 0.00 | 25.41 -1.37 0.00 | 24.74 -1.17 0.00 | 24.23 -1.25 0.00 | 24.43 -1.04 0.00 | 25.12 -1.18 0.00 | 26.36 -1.62 0.00 | 27.50 -1.69 0.00 | 29.51 -1.95 0.00 | 30.51 -1.84 0.00 | 30.86 -2.15 0.00 | 30.64 -2.34 0.00 | 29.44 -2.39 0.00 | 28.47 -2.37 0.00 | 27.85 -2.00 0.00 | 28.38 -2.17 0.00 | 28.78 -2.10 0.00 | 37.64 -2.28 0.00 | 43.37 -2.72 0.00 | 52.66 -2.60 0.00 | 53.34 -2.45 0.00 | 42.89 -2.02 0.00 | 35.40 -0.98 0.00 | 31.15 -0.67 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 29.87 0.03 0.00 | 26.75 -0.03 0.00 | 25.88 -0.03 0.00 | 25.45 -0.03 0.00 | 25.47 0.00 0.00 | 26.30 0.00 0.00 | 27.90 -0.08 0.00 | 29.11 -0.09 0.00 | 31.36 -0.09 0.00 | 32.26 -0.10 0.00 | 32.87 -0.13 0.00 | 32.79 -0.20 0.00 | 31.67 -0.16 0.00 | 30.66 -0.19 0.00 | 29.73 -0.12 0.00 | 30.34 -0.21 0.00 | 30.66 -0.22 0.00 | 39.76 -0.16 0.00 | 45.81 -0.28 0.00 | 55.20 -0.06 0.00 | 55.91 0.11 0.00 | 44.91 0.00 0.00 | 36.42 0.04 0.00 | 31.88 0.06 0.00 |
| SYRACUSE___POWER 24017 | 29.84 0.00 0.00 | 26.69 -0.08 0.00 | 25.83 -0.08 0.00 | 25.40 -0.08 0.00 | 25.42 -0.05 0.00 | 26.25 -0.05 0.00 | 27.88 -0.11 0.00 | 29.08 -0.12 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.84 -0.17 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.63 -0.22 0.00 | 29.67 -0.18 0.00 | 30.31 -0.24 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 45.77 -0.32 0.00 | 55.14 -0.11 0.00 | 55.85 0.06 0.00 | 44.87 -0.04 0.00 | 36.38 0.00 0.00 | 31.85 0.03 0.00 |
| TALLMAN__138KV_BK151 55660 | 31.57 1.73 0.00 | 28.41 1.63 0.00 | 27.39 1.48 0.00 | 26.83 1.35 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.83 1.85 0.00 | 33.74 1.91 0.00 | 32.78 1.94 0.00 | 31.76 1.91 0.00 | 32.75 2.20 0.00 | 33.22 2.35 0.00 | 42.63 2.71 0.00 | 49.31 3.23 0.00 | 59.01 3.76 0.00 | 59.70 3.91 0.00 | 48.05 3.14 0.00 | 38.64 2.26 0.00 | 33.63 1.81 0.00 |
| TEALLAVE_115KV_TB7 355573 | 29.72 -0.12 0.00 | 26.59 -0.19 0.00 | 25.75 -0.16 0.00 | 25.30 -0.18 0.00 | 25.34 -0.13 0.00 | 26.14 -0.16 0.00 | 27.76 -0.22 0.00 | 28.96 -0.23 0.00 | 31.21 -0.25 0.00 | 32.13 -0.23 0.00 | 32.74 -0.26 0.00 | 32.66 -0.33 0.00 | 31.51 -0.32 0.00 | 30.53 -0.31 0.00 | 29.61 -0.24 0.00 | 30.22 -0.34 0.00 | 30.54 -0.34 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.87 -0.39 0.00 | 55.57 -0.22 0.00 | 44.64 -0.27 0.00 | 36.20 -0.18 0.00 | 31.72 -0.10 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 28.26 -1.58 0.00 | 24.90 -1.87 0.00 | 24.28 -1.63 0.00 | 23.74 -1.73 0.00 | 23.94 -1.53 0.00 | 24.64 -1.66 0.00 | 25.83 -2.16 0.00 | 26.95 -2.25 0.00 | 28.94 -2.52 0.00 | 29.99 -2.36 0.00 | 30.36 -2.64 0.00 | 30.18 -2.80 0.00 | 28.96 -2.86 0.00 | 28.00 -2.84 0.00 | 27.40 -2.45 0.00 | 27.96 -2.60 0.00 | 28.34 -2.53 0.00 | 36.97 -2.95 0.00 | 42.40 -3.69 0.00 | 51.33 -3.92 0.00 | 51.89 -3.91 0.00 | 41.86 -3.05 0.00 | 34.63 -1.75 0.00 | 30.61 -1.21 0.00 |

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| TEMPLE___115KV_TB 2 55572 | 29.72 -0.12 0.00 | 26.61 -0.16 0.00 | 25.75 -0.16 0.00 | 25.32 -0.15 0.00 | 25.34 -0.13 0.00 | 26.17 -0.13 0.00 | 27.76 -0.22 0.00 | 28.99 -0.20 0.00 | 31.24 -0.22 0.00 | 32.13 -0.23 0.00 | 32.74 -0.26 0.00 | 32.69 -0.30 0.00 | 31.54 -0.29 0.00 | 30.53 -0.31 0.00 | 29.61 -0.24 0.00 | 30.25 -0.31 0.00 | 30.57 -0.31 0.00 | 39.56 -0.36 0.00 | 45.58 -0.51 0.00 | 54.92 -0.33 0.00 | 55.57 -0.22 0.00 | 44.64 -0.27 0.00 | 36.23 -0.15 0.00 | 31.72 -0.10 0.00 |
| TIANA___69_KV_BK 1 55817 | 32.80 2.95 0.00 | 29.32 2.54 0.00 | 28.34 2.44 0.00 | 27.54 2.06 0.00 | 27.79 2.32 0.00 | 28.75 2.45 0.00 | 30.70 2.71 0.00 | 32.17 2.98 0.00 | 34.23 2.77 0.00 | 35.23 2.88 0.00 | 38.81 3.20 -2.61 | 39.59 3.27 -3.33 | 40.49 3.21 -5.45 | 43.59 3.12 -9.63 | 40.96 3.22 -7.88 | 42.49 3.67 -8.27 | 48.06 3.89 -13.30 | 50.81 4.83 -6.06 | 53.10 5.76 -1.25 | 62.01 6.74 -0.01 | 62.66 6.70 -0.17 | 53.41 5.52 -2.97 | 43.24 4.33 -2.54 | 35.46 3.63 -0.01 |
| TILDEN___115KV_TB1 80814 | 29.84 0.00 0.00 | 26.69 -0.08 0.00 | 25.83 -0.08 0.00 | 25.40 -0.08 0.00 | 25.42 -0.05 0.00 | 26.25 -0.05 0.00 | 27.88 -0.11 0.00 | 29.08 -0.12 0.00 | 31.33 -0.13 0.00 | 32.23 -0.13 0.00 | 32.84 -0.17 0.00 | 32.76 -0.23 0.00 | 31.61 -0.22 0.00 | 30.63 -0.22 0.00 | 29.67 -0.18 0.00 | 30.31 -0.24 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 45.77 -0.32 0.00 | 55.14 -0.11 0.00 | 55.85 0.06 0.00 | 44.87 -0.04 0.00 | 36.38 0.00 0.00 | 31.85 0.03 0.00 |
| TRIGEN___CC 323695 | 32.11 2.27 0.00 | 28.78 2.01 0.00 | 27.75 1.84 0.00 | 27.03 1.55 0.00 | 27.15 1.68 0.00 | 28.04 1.74 0.00 | 29.89 1.90 0.00 | 31.27 2.07 0.00 | 33.38 1.92 0.00 | 34.43 2.07 0.00 | 37.96 2.34 -2.61 | 38.80 2.47 -3.33 | 39.76 2.48 -5.45 | 42.97 2.50 -9.63 | 40.21 2.48 -7.88 | 41.60 2.78 -8.27 | 47.11 2.93 -13.30 | 49.45 3.47 -6.06 | 51.44 4.10 -1.25 | 60.08 4.81 -0.01 | 60.93 4.97 -0.17 | 51.83 3.95 -2.97 | 41.93 3.02 -2.53 | 34.31 2.48 -0.01 |
| TRINITY___115KV___ 4 BK 55933 | 30.98 1.13 0.00 | 27.82 1.04 0.00 | 26.92 1.01 0.00 | 26.47 0.99 0.00 | 26.39 0.92 0.00 | 27.22 0.92 0.00 | 28.97 0.98 0.00 | 30.19 0.99 0.00 | 32.25 0.79 0.00 | 33.20 0.84 0.00 | 33.93 0.92 0.00 | 33.91 0.92 0.00 | 32.75 0.92 0.00 | 31.74 0.89 0.00 | 30.69 0.84 0.00 | 31.47 0.92 0.00 | 31.68 0.80 0.00 | 40.84 0.92 0.00 | 47.10 1.01 0.00 | 56.47 1.22 0.00 | 57.19 1.39 0.00 | 46.03 1.12 0.00 | 37.43 1.06 0.00 | 32.80 0.99 0.00 |
| UNION___PROCESSING_DRP 323587 | 29.27 -0.57 0.00 | 26.00 -0.78 0.00 | 25.23 -0.67 0.00 | 24.76 -0.71 0.00 | 24.86 -0.61 0.00 | 25.62 -0.68 0.00 | 27.04 -0.95 0.00 | 28.26 -0.93 0.00 | 30.42 -1.04 0.00 | 31.38 -0.97 0.00 | 31.88 -1.12 0.00 | 31.73 -1.25 0.00 | 30.59 -1.24 0.00 | 29.61 -1.23 0.00 | 28.83 -1.01 0.00 | 29.39 -1.16 0.00 | 29.77 -1.11 0.00 | 38.76 -1.16 0.00 | 44.61 -1.47 0.00 | 53.87 -1.38 0.00 | 54.57 -1.23 0.00 | 43.88 -1.03 0.00 | 35.87 -0.51 0.00 | 31.43 -0.38 0.00 |
| UPPER HUDSON___HYD 24058 | 31.81 1.97 0.00 | 28.51 1.74 0.00 | 27.62 1.71 0.00 | 27.13 1.65 0.00 | 27.08 1.61 0.00 | 28.01 1.71 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 34.65 1.65 0.00 | 34.57 1.58 0.00 | 33.26 1.43 0.00 | 32.04 1.20 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.30 1.42 0.00 | 41.95 2.03 0.00 | 48.90 2.81 0.00 | 59.06 3.81 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.89 2.51 0.00 | 33.95 2.13 0.00 |
| UPPER RAQUET___HYD 24056 | 29.07 -0.78 0.00 | 26.10 -0.67 0.00 | 25.31 -0.59 0.00 | 24.86 -0.61 0.00 | 24.96 -0.51 0.00 | 25.77 -0.53 0.00 | 27.60 -0.39 0.00 | 28.85 -0.35 0.00 | 31.14 -0.31 0.00 | 31.64 -0.71 0.00 | 32.21 -0.79 0.00 | 32.20 -0.79 0.00 | 31.00 -0.83 0.00 | 30.04 -0.80 0.00 | 28.95 -0.89 0.00 | 29.52 -1.04 0.00 | 29.83 -1.05 0.00 | 38.72 -1.20 0.00 | 44.98 -1.11 0.00 | 53.76 -1.49 0.00 | 54.29 -1.50 0.00 | 43.88 -1.03 0.00 | 35.54 -0.84 0.00 | 30.96 -0.86 0.00 |
| VALLEY44_115KV_TB2 355964 | 28.17 -1.67 0.00 | 24.87 -1.90 0.00 | 24.17 -1.74 0.00 | 23.62 -1.86 0.00 | 23.82 -1.66 0.00 | 24.62 -1.68 0.00 | 25.83 -2.16 0.00 | 26.77 -2.42 0.00 | 28.72 -2.74 0.00 | 29.90 -2.46 0.00 | 30.26 -2.74 0.00 | 30.12 -2.87 0.00 | 28.96 -2.86 0.00 | 28.00 -2.84 0.00 | 27.49 -2.36 0.00 | 28.11 -2.44 0.00 | 28.53 -2.35 0.00 | 37.13 -2.79 0.00 | 42.59 -3.50 0.00 | 51.28 -3.98 0.00 | 51.78 -4.02 0.00 | 41.90 -3.01 0.00 | 34.38 -2.00 0.00 | 30.61 -1.21 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 30.05 0.21 0.00 | 27.04 0.27 0.00 | 26.27 0.36 0.00 | 25.91 0.43 0.00 | 25.98 0.51 0.00 | 26.90 0.60 0.00 | 28.69 0.70 0.00 | 30.01 0.82 0.00 | 32.37 0.91 0.00 | 33.36 1.00 0.00 | 34.06 1.06 0.00 | 33.98 0.99 0.00 | 32.75 0.92 0.00 | 31.74 0.89 0.00 | 30.66 0.81 0.00 | 31.23 0.67 0.00 | 31.49 0.62 0.00 | 40.76 0.84 0.00 | 47.10 1.01 0.00 | 56.63 1.38 0.00 | 57.30 1.51 0.00 | 46.12 1.21 0.00 | 37.51 1.13 0.00 | 32.77 0.95 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 31.39 1.55 0.00 | 28.11 1.34 0.00 | 27.20 1.30 0.00 | 26.70 1.22 0.00 | 26.69 1.22 0.00 | 27.56 1.26 0.00 | 29.22 1.23 0.00 | 30.51 1.31 0.00 | 32.91 1.45 0.00 | 33.88 1.52 0.00 | 34.59 1.58 0.00 | 34.50 1.52 0.00 | 33.26 1.43 0.00 | 32.29 1.45 0.00 | 31.22 1.37 0.00 | 31.99 1.44 0.00 | 32.30 1.42 0.00 | 41.88 1.96 0.00 | 48.44 2.35 0.00 | 58.24 2.98 0.00 | 59.14 3.35 0.00 | 47.56 2.65 0.00 | 38.38 2.00 0.00 | 33.44 1.62 0.00 |
| VISCHER___FERRY HYD 24020 | 31.22 1.37 0.00 | 28.01 1.23 0.00 | 27.10 1.19 0.00 | 26.62 1.15 0.00 | 26.59 1.12 0.00 | 27.48 1.18 0.00 | 29.22 1.23 0.00 | 30.45 1.25 0.00 | 32.65 1.20 0.00 | 33.62 1.26 0.00 | 34.26 1.25 0.00 | 34.24 1.25 0.00 | 33.04 1.21 0.00 | 32.01 1.17 0.00 | 30.92 1.07 0.00 | 31.75 1.19 0.00 | 32.02 1.14 0.00 | 41.44 1.52 0.00 | 47.93 1.85 0.00 | 57.52 2.27 0.00 | 58.36 2.57 0.00 | 46.93 2.02 0.00 | 37.98 1.60 0.00 | 33.34 1.53 0.00 |
| V_A_10_SYNC_DSASP 323832 | 28.35 -1.49 0.00 | 25.03 -1.74 0.00 | 24.38 -1.53 0.00 | 23.87 -1.60 0.00 | 24.02 -1.45 0.00 | 24.75 -1.55 0.00 | 25.97 -2.02 0.00 | 27.07 -2.13 0.00 | 29.13 -2.33 0.00 | 30.19 -2.17 0.00 | 30.59 -2.41 0.00 | 30.48 -2.51 0.00 | 29.28 -2.55 0.00 | 28.34 -2.50 0.00 | 27.70 -2.15 0.00 | 28.26 -2.29 0.00 | 28.59 -2.28 0.00 | 37.21 -2.71 0.00 | 42.59 -3.50 0.00 | 51.33 -3.92 0.00 | 51.83 -3.96 0.00 | 41.81 -3.10 0.00 | 34.60 -1.78 0.00 | 30.61 -1.21 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 29.42 -0.42 0.00 | 26.45 -0.32 0.00 | 25.60 -0.31 0.00 | 25.19 -0.28 0.00 | 25.22 -0.25 0.00 | 26.04 -0.26 0.00 | 27.76 -0.22 0.00 | 28.96 -0.23 0.00 | 31.33 -0.13 0.00 | 32.16 -0.19 0.00 | 32.80 -0.20 0.00 | 32.82 -0.16 0.00 | 31.61 -0.22 0.00 | 30.63 -0.22 0.00 | 29.58 -0.27 0.00 | 30.25 -0.31 0.00 | 30.60 -0.28 0.00 | 39.64 -0.28 0.00 | 45.86 -0.23 0.00 | 54.42 -0.83 0.00 | 54.79 -1.00 0.00 | 44.42 -0.49 0.00 | 35.94 -0.44 0.00 | 31.37 -0.45 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 29.57 -0.27 0.00 | 26.61 -0.16 0.00 | 25.80 -0.10 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.33 0.03 0.00 | 28.16 0.17 0.00 | 29.40 0.20 0.00 | 31.80 0.35 0.00 | 32.61 0.26 0.00 | 33.23 0.23 0.00 | 33.22 0.23 0.00 | 31.99 0.16 0.00 | 30.97 0.12 0.00 | 29.88 0.03 0.00 | 30.55 0.00 0.00 | 30.91 0.03 0.00 | 40.08 0.16 0.00 | 46.41 0.32 0.00 | 55.42 0.17 0.00 | 55.80 0.00 0.00 | 45.00 0.09 0.00 | 36.27 -0.11 0.00 | 31.56 -0.25 0.00 |

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| V_D_10_SYNC_DSASP 323841 | 29.51 -0.33 0.00 | 26.53 -0.24 0.00 | 25.68 -0.23 0.00 | 25.25 -0.23 0.00 | 25.29 -0.18 0.00 | 26.12 -0.18 0.00 | 27.88 -0.11 0.00 | 29.11 -0.09 0.00 | 31.49 0.03 0.00 | 32.23 -0.13 0.00 | 32.87 -0.13 0.00 | 32.89 -0.10 0.00 | 31.67 -0.16 0.00 | 30.69 -0.15 0.00 | 29.61 -0.24 0.00 | 30.28 -0.27 0.00 | 30.63 -0.25 0.00 | 39.72 -0.20 0.00 | 46.00 -0.09 0.00 | 54.81 -0.44 0.00 | 55.24 -0.56 0.00 | 44.64 -0.27 0.00 | 36.09 -0.29 0.00 | 31.46 -0.35 0.00 |
| V_E_10_SYNC_DSASP 323830 | 31.81 1.97 0.00 | 28.35 1.58 0.00 | 27.51 1.61 0.00 | 26.95 1.48 0.00 | 27.10 1.63 0.00 | 28.01 1.71 0.00 | 29.53 1.54 0.00 | 30.83 1.64 0.00 | 33.25 1.79 0.00 | 34.04 1.68 0.00 | 34.52 1.52 0.00 | 34.24 1.25 0.00 | 32.88 1.05 0.00 | 31.83 0.99 0.00 | 30.75 0.90 0.00 | 31.44 0.89 0.00 | 31.90 1.02 0.00 | 41.96 2.04 0.00 | 48.99 2.90 0.00 | 59.73 4.48 0.00 | 60.98 5.19 0.00 | 48.91 4.00 0.00 | 39.36 2.98 0.00 | 34.17 2.35 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 31.51 1.67 0.00 | 28.30 1.53 0.00 | 27.39 1.48 0.00 | 26.90 1.43 0.00 | 26.82 1.35 0.00 | 27.69 1.39 0.00 | 29.47 1.48 0.00 | 30.69 1.49 0.00 | 32.94 1.48 0.00 | 33.94 1.59 0.00 | 34.52 1.52 0.00 | 34.47 1.48 0.00 | 33.20 1.37 0.00 | 32.11 1.26 0.00 | 30.98 1.13 0.00 | 31.78 1.22 0.00 | 32.20 1.33 0.00 | 41.72 1.80 0.00 | 48.44 2.35 0.00 | 58.29 3.04 0.00 | 59.14 3.35 0.00 | 47.51 2.60 0.00 | 38.49 2.11 0.00 | 33.63 1.81 0.00 |
| V_F_30_SYNC_DSASP 323786 | 31.07 1.22 0.00 | 27.90 1.12 0.00 | 26.97 1.06 0.00 | 26.55 1.07 0.00 | 26.44 0.97 0.00 | 27.27 0.97 0.00 | 29.02 1.04 0.00 | 30.25 1.05 0.00 | 32.34 0.88 0.00 | 33.29 0.94 0.00 | 34.03 1.02 0.00 | 34.04 1.06 0.00 | 32.85 1.02 0.00 | 31.80 0.96 0.00 | 30.75 0.90 0.00 | 31.53 0.98 0.00 | 31.77 0.90 0.00 | 40.92 1.00 0.00 | 47.24 1.15 0.00 | 56.63 1.38 0.00 | 57.41 1.62 0.00 | 46.17 1.26 0.00 | 37.54 1.16 0.00 | 32.86 1.05 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 29.57 -0.27 0.00 | 26.61 -0.16 0.00 | 25.80 -0.10 0.00 | 25.42 -0.05 0.00 | 25.50 0.03 0.00 | 26.33 0.03 0.00 | 28.16 0.17 0.00 | 29.40 0.20 0.00 | 31.80 0.35 0.00 | 32.61 0.26 0.00 | 33.23 0.23 0.00 | 33.22 0.23 0.00 | 31.99 0.16 0.00 | 30.97 0.12 0.00 | 29.88 0.03 0.00 | 30.55 0.00 0.00 | 30.91 0.03 0.00 | 40.08 0.16 0.00 | 46.41 0.32 0.00 | 55.42 0.17 0.00 | 55.80 0.00 0.00 | 45.00 0.09 0.00 | 36.27 -0.11 0.00 | 31.56 -0.25 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 32.86 3.01 0.00 | 29.34 2.57 0.00 | 28.32 2.41 0.00 | 27.51 2.04 0.00 | 27.69 2.22 0.00 | 28.64 2.34 0.00 | 30.53 2.55 0.00 | 31.97 2.77 0.00 | 34.07 2.61 0.00 | 35.11 2.75 0.00 | 38.68 3.07 -2.61 | 39.49 3.17 -3.33 | 40.46 3.18 -5.45 | 43.62 3.15 -9.63 | 40.87 3.13 -7.88 | 42.31 3.48 -8.27 | 47.88 3.71 -13.30 | 50.53 4.55 -6.06 | 52.73 5.39 -1.25 | 61.62 6.35 -0.01 | 62.49 6.53 -0.17 | 53.14 5.25 -2.97 | 42.99 4.07 -2.53 | 35.23 3.40 -0.01 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 31.66 1.82 0.00 | 28.49 1.71 0.00 | 27.46 1.55 0.00 | 26.90 1.43 0.00 | 26.87 1.40 0.00 | 27.75 1.45 0.00 | 29.53 1.54 0.00 | 30.80 1.61 0.00 | 33.00 1.54 0.00 | 34.01 1.65 0.00 | 34.82 1.82 0.00 | 34.93 1.95 0.00 | 33.83 2.01 0.00 | 32.88 2.04 0.00 | 31.85 2.00 0.00 | 32.85 2.29 0.00 | 33.29 2.41 0.00 | 42.79 2.87 0.00 | 49.45 3.36 0.00 | 59.23 3.98 0.00 | 59.98 4.18 0.00 | 48.23 3.32 0.00 | 38.78 2.40 0.00 | 33.76 1.94 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 31.78 1.94 0.00 | 28.65 1.87 0.00 | 27.59 1.68 0.00 | 27.00 1.53 0.00 | 26.97 1.50 0.00 | 27.83 1.53 0.00 | 29.64 1.65 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.10 1.75 0.00 | 34.95 1.95 0.00 | 35.10 2.11 0.00 | 33.99 2.16 0.00 | 33.06 2.22 0.00 | 32.03 2.18 0.00 | 33.06 2.51 0.00 | 33.56 2.69 0.00 | 43.03 3.11 0.00 | 49.73 3.64 0.00 | 59.45 4.20 0.00 | 60.15 4.35 0.00 | 48.37 3.46 0.00 | 38.89 2.51 0.00 | 33.82 2.00 0.00 |
| W50THST__13_KV_LOAD 356117 | 31.90 2.06 0.00 | 28.75 1.98 0.00 | 27.70 1.79 0.00 | 27.13 1.66 0.00 | 27.10 1.63 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 31.04 1.84 0.00 | 33.25 1.79 0.00 | 34.30 1.94 0.00 | 35.15 2.15 0.00 | 35.30 2.31 0.00 | 34.19 2.36 0.00 | 33.25 2.41 0.00 | 32.21 2.36 0.00 | 33.27 2.72 0.00 | 33.75 2.87 0.00 | 43.27 3.35 0.00 | 50.01 3.92 0.00 | 59.78 4.53 0.00 | 60.43 4.63 0.00 | 48.59 3.68 0.00 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |
| WADING RIVER_IC_1 23522 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.56 2.57 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.88 3.70 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.09 5.21 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| WADING RIVER_IC_2 23547 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.56 2.57 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.88 3.70 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.09 5.21 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| WADING RIVER_IC_3 23601 | 32.74 2.89 0.00 | 29.13 2.36 0.00 | 28.27 2.36 0.00 | 27.74 2.27 0.00 | 27.69 2.21 0.00 | 28.64 2.34 0.00 | 30.56 2.57 0.00 | 32.03 2.83 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.03 -2.61 | 39.39 3.07 -3.33 | 40.27 2.99 -5.45 | 43.37 2.90 -9.63 | 40.78 3.05 -7.88 | 42.30 3.48 -8.27 | 47.88 3.70 -13.30 | 50.57 4.59 -6.06 | 52.82 5.48 -1.25 | 61.73 6.46 -0.01 | 62.27 6.30 -0.17 | 53.09 5.21 -2.97 | 43.10 4.18 -2.54 | 35.30 3.47 -0.01 |
| WALDENNY_12_KV_BK2 80841 | 28.20 -1.64 0.00 | 24.87 -1.90 0.00 | 24.25 -1.66 0.00 | 23.69 -1.78 0.00 | 23.89 -1.58 0.00 | 24.67 -1.63 0.00 | 25.83 -2.16 0.00 | 26.86 -2.34 0.00 | 28.85 -2.61 0.00 | 30.06 -2.30 0.00 | 30.43 -2.57 0.00 | 30.25 -2.74 0.00 | 29.06 -2.77 0.00 | 28.06 -2.78 0.00 | 27.49 -2.36 0.00 | 28.11 -2.44 0.00 | 28.47 -2.41 0.00 | 37.09 -2.83 0.00 | 42.45 -3.64 0.00 | 51.28 -3.98 0.00 | 51.72 -4.07 0.00 | 41.81 -3.10 0.00 | 34.63 -1.75 0.00 | 30.67 -1.15 0.00 |
| WALDEN___HYDRO 24148 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.66 1.46 0.00 | 32.84 1.38 0.00 | 33.81 1.46 0.00 | 34.59 1.58 0.00 | 34.70 1.72 0.00 | 33.58 1.75 0.00 | 32.60 1.76 0.00 | 31.58 1.73 0.00 | 32.54 1.99 0.00 | 33.01 2.13 0.00 | 42.47 2.55 0.00 | 49.18 3.09 0.00 | 58.96 3.70 0.00 | 59.76 3.96 0.00 | 47.96 3.05 0.00 | 38.64 2.26 0.00 | 33.63 1.81 0.00 |
| WARRENSBURG____ 23737 | 31.81 1.97 0.00 | 28.54 1.77 0.00 | 27.62 1.71 0.00 | 27.13 1.66 0.00 | 27.08 1.60 0.00 | 27.96 1.66 0.00 | 29.78 1.79 0.00 | 30.98 1.78 0.00 | 33.25 1.79 0.00 | 34.26 1.91 0.00 | 34.65 1.65 0.00 | 34.60 1.62 0.00 | 33.26 1.43 0.00 | 32.04 1.20 0.00 | 30.89 1.04 0.00 | 31.69 1.13 0.00 | 32.30 1.42 0.00 | 41.96 2.04 0.00 | 48.90 2.81 0.00 | 59.07 3.81 0.00 | 59.92 4.13 0.00 | 48.10 3.19 0.00 | 38.89 2.51 0.00 | 33.95 2.13 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WATERSIDE___6 8 9 23538 | 31.81 1.97 0.00 | 28.70 1.93 0.00 | 27.67 1.76 0.00 | 27.08 1.60 0.00 | 27.05 1.58 0.00 | 27.85 1.55 0.00 | 29.64 1.65 0.00 | 30.86 1.66 0.00 | 33.03 1.57 0.00 | 34.07 1.71 0.00 | 34.92 1.91 0.00 | 35.07 2.08 0.00 | 33.96 2.13 0.00 | 33.03 2.19 0.00 | 32.00 2.15 0.00 | 33.03 2.47 0.00 | 33.53 2.66 0.00 | 42.99 3.07 0.00 | 49.68 3.59 0.00 | 59.40 4.14 0.00 | 60.09 4.30 0.00 | 48.32 3.41 0.00 | 38.85 2.47 0.00 | 33.79 1.97 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 30.23 0.39 0.00 | 27.23 0.46 0.00 | 26.48 0.57 0.00 | 26.14 0.66 0.00 | 26.24 0.76 0.00 | 27.19 0.89 0.00 | 29.02 1.04 0.00 | 30.36 1.17 0.00 | 32.75 1.29 0.00 | 33.78 1.42 0.00 | 34.46 1.45 0.00 | 34.37 1.39 0.00 | 33.10 1.27 0.00 | 32.11 1.26 0.00 | 31.01 1.16 0.00 | 31.47 0.92 0.00 | 31.74 0.86 0.00 | 41.04 1.12 0.00 | 47.47 1.38 0.00 | 57.13 1.88 0.00 | 57.86 2.06 0.00 | 46.57 1.66 0.00 | 37.98 1.60 0.00 | 33.18 1.37 0.00 |
| WDELAWARE___HYD 323627 | 31.36 1.52 0.00 | 28.11 1.34 0.00 | 27.23 1.32 0.00 | 26.67 1.20 0.00 | 26.64 1.17 0.00 | 27.51 1.21 0.00 | 29.28 1.29 0.00 | 30.45 1.25 0.00 | 32.68 1.23 0.00 | 33.58 1.23 0.00 | 34.36 1.35 0.00 | 34.44 1.45 0.00 | 33.29 1.46 0.00 | 32.32 1.48 0.00 | 31.28 1.43 0.00 | 32.23 1.68 0.00 | 32.70 1.82 0.00 | 42.19 2.27 0.00 | 48.95 2.86 0.00 | 58.79 3.54 0.00 | 59.70 3.90 0.00 | 47.87 2.96 0.00 | 38.53 2.15 0.00 | 33.50 1.69 0.00 |
| WEST BABYLON___IC 23714 | 32.86 3.01 0.00 | 29.34 2.57 0.00 | 28.32 2.41 0.00 | 27.51 2.04 0.00 | 27.69 2.22 0.00 | 28.64 2.34 0.00 | 30.53 2.55 0.00 | 31.97 2.77 0.00 | 34.07 2.61 0.00 | 35.11 2.75 0.00 | 38.68 3.07 -2.61 | 39.49 3.17 -3.33 | 40.46 3.18 -5.45 | 43.62 3.15 -9.63 | 40.87 3.13 -7.88 | 42.31 3.48 -8.27 | 47.88 3.71 -13.30 | 50.53 4.55 -6.06 | 52.73 5.39 -1.25 | 61.62 6.35 -0.01 | 62.49 6.53 -0.17 | 53.14 5.25 -2.97 | 42.99 4.07 -2.53 | 35.23 3.40 -0.01 |
| WEST CANADA___HYD 24049 | 30.02 0.18 0.00 | 26.93 0.16 0.00 | 26.06 0.16 0.00 | 25.63 0.15 0.00 | 25.63 0.15 0.00 | 26.46 0.16 0.00 | 28.16 0.17 0.00 | 29.37 0.18 0.00 | 31.62 0.16 0.00 | 32.52 0.16 0.00 | 33.17 0.17 0.00 | 33.15 0.17 0.00 | 31.99 0.16 0.00 | 31.00 0.15 0.00 | 30.00 0.15 0.00 | 30.74 0.18 0.00 | 31.03 0.16 0.00 | 40.12 0.20 0.00 | 46.32 0.23 0.00 | 55.59 0.33 0.00 | 56.19 0.39 0.00 | 45.23 0.32 0.00 | 36.64 0.26 0.00 | 32.04 0.22 0.00 |
| WESTERN_NY_WIND 24143 | 28.71 -1.13 0.00 | 25.33 -1.45 0.00 | 24.69 -1.22 0.00 | 24.18 -1.30 0.00 | 24.35 -1.12 0.00 | 25.06 -1.24 0.00 | 26.31 -1.68 0.00 | 27.41 -1.78 0.00 | 29.44 -2.01 0.00 | 30.45 -1.91 0.00 | 30.76 -2.24 0.00 | 30.58 -2.41 0.00 | 29.35 -2.48 0.00 | 28.40 -2.44 0.00 | 27.79 -2.06 0.00 | 28.32 -2.23 0.00 | 28.72 -2.16 0.00 | 37.56 -2.36 0.00 | 43.23 -2.86 0.00 | 52.49 -2.76 0.00 | 53.17 -2.62 0.00 | 42.80 -2.11 0.00 | 35.32 -1.06 0.00 | 31.11 -0.70 0.00 |
| WESTOVER___LESR 323668 | 30.26 0.42 0.00 | 27.04 0.27 0.00 | 26.17 0.26 0.00 | 25.73 0.25 0.00 | 25.75 0.28 0.00 | 26.59 0.29 0.00 | 28.16 0.17 0.00 | 29.34 0.15 0.00 | 31.58 0.13 0.00 | 32.52 0.16 0.00 | 33.14 0.13 0.00 | 33.05 0.07 0.00 | 31.89 0.06 0.00 | 30.90 0.06 0.00 | 30.00 0.15 0.00 | 30.71 0.15 0.00 | 31.06 0.19 0.00 | 40.28 0.36 0.00 | 46.50 0.41 0.00 | 55.97 0.72 0.00 | 56.69 0.89 0.00 | 45.58 0.67 0.00 | 36.93 0.55 0.00 | 32.36 0.54 0.00 |
| WETHRSFD_WT_PWR 323626 | 28.59 -1.25 0.00 | 25.65 -1.12 0.00 | 24.64 -1.27 0.00 | 24.35 -1.12 0.00 | 24.38 -1.09 0.00 | 25.06 -1.24 0.00 | 26.36 -1.62 0.00 | 27.30 -1.90 0.00 | 29.26 -2.20 0.00 | 30.32 -2.04 0.00 | 30.73 -2.28 0.00 | 30.65 -2.34 0.00 | 29.44 -2.39 0.00 | 28.44 -2.41 0.00 | 27.82 -2.03 0.00 | 28.41 -2.14 0.00 | 28.78 -2.10 0.00 | 37.65 -2.27 0.00 | 43.28 -2.81 0.00 | 52.49 -2.76 0.00 | 53.17 -2.62 0.00 | 42.84 -2.07 0.00 | 35.43 -0.95 0.00 | 31.24 -0.57 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.71 1.88 0.00 | 32.75 1.91 0.00 | 31.73 1.88 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.59 2.67 0.00 | 49.27 3.18 0.00 | 58.96 3.70 0.00 | 59.65 3.85 0.00 | 48.01 3.10 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 31.54 1.70 0.00 | 28.38 1.61 0.00 | 27.36 1.45 0.00 | 26.80 1.32 0.00 | 26.77 1.30 0.00 | 27.64 1.34 0.00 | 29.41 1.43 0.00 | 30.69 1.49 0.00 | 32.87 1.42 0.00 | 33.88 1.52 0.00 | 34.72 1.72 0.00 | 34.80 1.81 0.00 | 33.71 1.88 0.00 | 32.75 1.91 0.00 | 31.73 1.88 0.00 | 32.72 2.17 0.00 | 33.19 2.32 0.00 | 42.59 2.67 0.00 | 49.27 3.18 0.00 | 58.96 3.70 0.00 | 59.65 3.85 0.00 | 48.01 3.10 0.00 | 38.60 2.22 0.00 | 33.60 1.78 0.00 |
| WHITEHAL_115KV_TB1 80871 | 32.29 2.45 0.00 | 29.00 2.22 0.00 | 28.06 2.15 0.00 | 27.56 2.09 0.00 | 27.48 2.01 0.00 | 28.40 2.10 0.00 | 30.25 2.27 0.00 | 31.42 2.22 0.00 | 33.69 2.23 0.00 | 34.72 2.36 0.00 | 35.12 2.11 0.00 | 35.00 2.01 0.00 | 33.61 1.78 0.00 | 32.35 1.51 0.00 | 31.16 1.31 0.00 | 31.99 1.44 0.00 | 32.64 1.76 0.00 | 42.47 2.55 0.00 | 49.64 3.55 0.00 | 60.23 4.97 0.00 | 61.21 5.41 0.00 | 49.00 4.09 0.00 | 39.62 3.24 0.00 | 34.52 2.70 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 31.90 2.06 0.00 | 28.73 1.95 0.00 | 27.70 1.79 0.00 | 27.11 1.63 0.00 | 27.08 1.60 0.00 | 27.96 1.66 0.00 | 29.75 1.76 0.00 | 31.01 1.81 0.00 | 33.22 1.76 0.00 | 34.23 1.88 0.00 | 35.12 2.11 0.00 | 35.23 2.24 0.00 | 34.12 2.29 0.00 | 33.15 2.31 0.00 | 32.06 2.21 0.00 | 33.06 2.51 0.00 | 33.53 2.66 0.00 | 43.11 3.19 0.00 | 49.87 3.78 0.00 | 59.73 4.48 0.00 | 60.43 4.63 0.00 | 48.59 3.68 0.00 | 39.04 2.66 0.00 | 33.95 2.13 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 32.77 2.92 0.00 | 29.29 2.52 0.00 | 28.29 2.38 0.00 | 27.49 2.01 0.00 | 27.69 2.22 0.00 | 28.64 2.34 0.00 | 30.56 2.57 0.00 | 32.00 2.80 0.00 | 34.07 2.61 0.00 | 35.07 2.72 0.00 | 38.65 3.04 -2.61 | 39.42 3.10 -3.33 | 40.30 3.02 -5.45 | 43.43 2.96 -9.63 | 40.78 3.04 -7.88 | 42.28 3.45 -8.27 | 47.85 3.67 -13.30 | 50.53 4.55 -6.06 | 52.78 5.44 -1.25 | 61.62 6.35 -0.01 | 62.38 6.42 -0.17 | 53.14 5.25 -2.97 | 43.06 4.15 -2.54 | 35.30 3.47 -0.01 |
| WOODARD__115KV_TB2 355635 | 29.69 -0.15 0.00 | 26.59 -0.19 0.00 | 25.73 -0.18 0.00 | 25.27 -0.20 0.00 | 25.32 -0.15 0.00 | 26.12 -0.18 0.00 | 27.74 -0.25 0.00 | 28.93 -0.26 0.00 | 31.18 -0.28 0.00 | 32.06 -0.29 0.00 | 32.71 -0.30 0.00 | 32.62 -0.36 0.00 | 31.48 -0.35 0.00 | 30.50 -0.34 0.00 | 29.58 -0.27 0.00 | 30.19 -0.37 0.00 | 30.51 -0.37 0.00 | 39.52 -0.40 0.00 | 45.49 -0.60 0.00 | 54.81 -0.44 0.00 | 55.46 -0.33 0.00 | 44.55 -0.36 0.00 | 36.16 -0.22 0.00 | 31.66 -0.16 0.00 |
| YORK___WARBASSE 23770 | 31.99 2.15 0.00 | 28.83 2.06 0.00 | 27.80 1.89 0.00 | 27.21 1.73 0.00 | 27.18 1.71 0.00 | 27.93 1.63 0.00 | 29.69 1.71 0.00 | 30.89 1.69 0.00 | 33.09 1.64 0.00 | 34.13 1.78 0.00 | 34.98 1.98 0.00 | 35.13 2.14 0.00 | 34.03 2.20 0.00 | 33.09 2.25 0.00 | 32.09 2.24 0.00 | 33.15 2.60 0.00 | 33.66 2.78 0.00 | 43.19 3.27 0.00 | 49.96 3.87 0.00 | 59.79 4.53 -0.01 | 60.43 4.63 -0.01 | 48.60 3.68 -0.01 | 39.07 2.69 0.00 | 33.95 2.13 0.00 |