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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___4 23574 | 25.22 0.42 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.54 0.32 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.21 0.37 0.00 | 24.14 0.66 0.00 | 26.12 0.79 0.00 | 26.04 0.73 0.00 | 29.53 0.92 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.72 1.17 0.00 | 34.20 1.16 0.00 | 41.64 1.45 0.00 | 49.55 1.63 0.00 | 40.06 1.35 0.00 | 33.85 1.02 0.00 | 31.03 0.93 0.00 | 28.39 0.88 0.00 | 25.93 0.53 0.00 |
| ALBANY___LFGE 323615 | 25.40 0.59 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.68 0.47 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.36 0.52 0.00 | 24.26 0.77 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.29 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.10 1.45 -0.10 | 34.49 1.45 0.00 | 41.88 1.69 0.00 | 50.02 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.21 0.00 | 28.58 1.07 0.00 | 26.10 0.71 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 24.60 -0.20 0.00 | 22.33 -0.23 0.00 | 20.30 -0.18 0.00 | 20.03 -0.18 0.00 | 19.41 -0.22 0.00 | 20.76 -0.29 0.00 | 21.64 -0.20 0.00 | 23.30 -0.19 0.00 | 25.03 -0.30 0.00 | 25.01 -0.30 0.00 | 28.24 -0.37 0.00 | 29.71 -0.39 0.00 | 29.06 -0.38 0.00 | 29.74 -0.45 0.00 | 30.70 -0.44 0.00 | 31.11 -0.44 0.00 | 32.64 -0.40 0.00 | 39.75 -0.44 0.00 | 47.34 -0.58 0.00 | 38.13 -0.58 0.00 | 32.41 -0.43 0.00 | 29.77 -0.33 0.00 | 27.29 -0.22 0.00 | 25.19 -0.20 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 24.60 -0.20 0.00 | 22.33 -0.23 0.00 | 20.30 -0.18 0.00 | 20.03 -0.18 0.00 | 19.41 -0.22 0.00 | 20.76 -0.29 0.00 | 21.64 -0.20 0.00 | 23.30 -0.19 0.00 | 25.03 -0.30 0.00 | 25.01 -0.30 0.00 | 28.24 -0.37 0.00 | 29.71 -0.39 0.00 | 29.06 -0.38 0.00 | 29.74 -0.45 0.00 | 30.70 -0.44 0.00 | 31.11 -0.44 0.00 | 32.64 -0.40 0.00 | 39.75 -0.44 0.00 | 47.34 -0.58 0.00 | 38.13 -0.58 0.00 | 32.41 -0.43 0.00 | 29.77 -0.33 0.00 | 27.29 -0.22 0.00 | 25.19 -0.20 0.00 |
| ALCOA___DSASP 323711 | 24.60 -0.20 0.00 | 22.33 -0.23 0.00 | 20.30 -0.18 0.00 | 20.03 -0.18 0.00 | 19.41 -0.22 0.00 | 20.76 -0.29 0.00 | 21.64 -0.20 0.00 | 23.29 -0.19 0.00 | 25.03 -0.30 0.00 | 25.01 -0.30 0.00 | 28.24 -0.37 0.00 | 29.71 -0.39 0.00 | 29.06 -0.38 0.00 | 29.74 -0.45 0.00 | 30.70 -0.44 0.00 | 31.11 -0.44 0.00 | 32.64 -0.39 0.00 | 39.75 -0.44 0.00 | 47.35 -0.57 0.00 | 38.13 -0.58 0.00 | 32.41 -0.43 0.00 | 29.77 -0.33 0.00 | 27.29 -0.22 0.00 | 25.19 -0.20 0.00 |
| ALLEGHENY___COGEN 23514 | 26.41 1.61 0.00 | 23.88 1.33 0.00 | 21.72 1.23 0.00 | 21.51 1.29 0.00 | 20.82 1.20 0.00 | 22.66 1.60 0.00 | 23.30 1.46 0.00 | 24.75 1.27 0.00 | 26.62 1.29 0.00 | 26.65 1.34 0.00 | 30.10 1.49 0.00 | 31.55 1.44 0.00 | 30.86 1.41 0.00 | 31.55 1.36 0.00 | 32.41 1.28 0.00 | 32.74 1.17 -0.02 | 34.86 1.82 0.00 | 43.24 3.05 0.00 | 51.89 3.98 0.00 | 41.57 2.86 0.00 | 35.46 2.63 0.00 | 32.36 2.26 0.00 | 29.38 1.87 0.00 | 27.30 1.91 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 25.50 0.69 0.00 | 23.21 0.65 0.00 | 21.06 0.57 0.00 | 20.78 0.57 0.00 | 20.19 0.57 0.00 | 21.61 0.55 0.00 | 22.38 0.55 0.00 | 24.28 0.80 0.00 | 26.30 0.96 0.00 | 26.25 0.94 0.00 | 29.73 1.12 0.00 | 31.31 1.20 0.00 | 30.65 1.21 0.00 | 31.49 1.30 0.00 | 32.47 1.34 0.00 | 32.91 1.36 0.00 | 34.39 1.35 0.00 | 41.88 1.69 0.00 | 49.88 1.96 0.00 | 40.33 1.63 0.00 | 34.08 1.25 0.00 | 31.28 1.17 0.00 | 28.61 1.10 0.00 | 26.15 0.76 0.00 |
| ALTONA_WT_PWR 323606 | 25.22 0.42 0.00 | 22.91 0.36 0.00 | 20.86 0.37 0.00 | 20.62 0.40 0.00 | 19.97 0.35 0.00 | 21.46 0.40 0.00 | 22.43 0.59 0.00 | 24.23 0.75 0.00 | 26.02 0.68 0.00 | 25.94 0.63 0.00 | 29.27 0.66 0.00 | 30.82 0.72 0.00 | 30.12 0.68 0.00 | 30.85 0.66 0.00 | 31.85 0.72 0.00 | 32.28 0.73 0.00 | 34.00 0.96 0.00 | 41.40 1.20 0.00 | 49.31 1.39 0.00 | 39.60 0.89 0.00 | 33.66 0.82 0.00 | 30.85 0.75 0.00 | 28.17 0.66 0.00 | 25.98 0.58 0.00 |
| AMERICAN_REF_FUEL 24010 | 24.95 0.15 0.00 | 22.55 0.00 0.00 | 20.67 0.18 0.00 | 20.53 0.32 0.00 | 19.90 0.27 0.00 | 21.71 0.65 0.00 | 22.05 0.22 0.00 | 23.13 -0.35 0.00 | 24.83 -0.51 0.00 | 25.16 -0.15 0.00 | 28.35 -0.26 0.00 | 29.71 -0.39 0.00 | 29.18 -0.27 0.00 | 29.77 -0.42 0.00 | 30.57 -0.56 0.00 | 30.66 -0.92 -0.02 | 32.48 -0.56 0.00 | 40.11 -0.08 0.00 | 47.49 -0.43 0.00 | 38.24 -0.46 0.00 | 32.77 -0.07 0.00 | 30.13 0.03 0.00 | 27.45 -0.05 0.00 | 25.80 0.41 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 26.24 1.44 0.00 | 23.79 1.24 0.00 | 21.70 1.21 0.00 | 21.47 1.25 0.00 | 20.84 1.22 0.00 | 22.74 1.69 0.00 | 23.21 1.38 0.00 | 24.49 1.01 0.00 | 26.30 0.96 0.00 | 26.70 1.39 0.00 | 30.21 1.60 0.00 | 31.64 1.53 0.00 | 31.09 1.65 0.00 | 31.76 1.57 0.00 | 32.63 1.49 0.00 | 32.74 1.17 -0.02 | 34.69 1.65 0.00 | 43.00 2.81 0.00 | 50.99 3.07 0.00 | 40.99 2.28 0.00 | 35.17 2.33 0.00 | 32.27 2.17 0.00 | 29.29 1.79 0.00 | 27.37 1.98 0.00 |
| ARTHUR_KILL_GT_1 23520 | 26.44 1.64 0.00 | 24.00 1.44 0.00 | 21.80 1.31 0.00 | 21.43 1.21 0.00 | 20.80 1.18 0.00 | 22.04 0.99 0.01 | 22.94 1.11 0.01 | 24.88 1.41 0.01 | 27.10 1.77 0.01 | 27.02 1.72 0.01 | 30.46 1.86 0.01 | 32.05 1.96 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.83 2.21 -0.07 | 35.05 2.02 0.01 | 42.64 2.45 0.01 | 51.02 3.11 0.01 | 41.18 2.48 0.01 | 34.80 1.97 0.01 | 32.05 1.96 0.01 | 29.21 1.71 0.00 | 26.97 1.57 0.00 |
| ARTHUR_KILL_2 23512 | 26.39 1.59 0.00 | 23.95 1.40 0.00 | 21.76 1.27 0.00 | 21.38 1.17 0.00 | 20.76 1.14 0.00 | 22.00 0.95 0.01 | 22.90 1.07 0.01 | 24.84 1.36 0.01 | 27.05 1.72 0.01 | 26.97 1.67 0.01 | 30.38 1.77 0.01 | 31.99 1.90 0.01 | 31.29 1.86 0.01 | 32.17 1.99 0.01 | 33.21 2.09 0.01 | 33.77 2.15 -0.07 | 34.98 1.95 0.01 | 42.51 2.33 0.01 | 50.88 2.97 0.01 | 41.06 2.36 0.01 | 34.70 1.87 0.01 | 31.96 1.87 0.01 | 29.16 1.65 0.00 | 26.92 1.52 0.00 |
| ARTHUR_KILL_3 23513 | 26.14 1.34 0.00 | 23.79 1.24 0.00 | 21.59 1.11 0.00 | 21.26 1.05 0.00 | 20.66 1.04 0.00 | 22.05 0.99 0.00 | 22.97 1.13 0.00 | 24.92 1.43 0.00 | 27.13 1.80 0.00 | 27.03 1.72 0.00 | 30.56 1.95 0.00 | 32.12 2.02 0.00 | 31.45 2.00 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.90 2.27 -0.08 | 35.12 2.08 0.00 | 42.64 2.45 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.81 1.97 0.00 | 32.15 2.05 0.00 | 29.35 1.84 0.00 | 26.81 1.42 0.00 |
| ARTHUR_KILL_COGEN 323718 | 26.44 1.64 0.00 | 24.00 1.44 0.00 | 21.80 1.31 0.00 | 21.43 1.21 0.00 | 20.80 1.18 0.00 | 22.04 0.99 0.01 | 22.94 1.11 0.01 | 24.88 1.41 0.01 | 27.10 1.77 0.01 | 27.02 1.72 0.01 | 30.46 1.86 0.01 | 32.05 1.96 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.83 2.21 -0.07 | 35.05 2.02 0.01 | 42.64 2.45 0.01 | 51.02 3.11 0.01 | 41.18 2.48 0.01 | 34.80 1.97 0.01 | 32.05 1.96 0.01 | 29.21 1.71 0.00 | 26.97 1.57 0.00 |
| ASHOKAN____ 23654 | 25.37 0.57 0.00 | 23.05 0.50 0.00 | 20.90 0.41 0.00 | 20.58 0.36 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.40 0.57 0.00 | 24.07 0.59 0.00 | 26.12 0.79 0.00 | 25.99 0.68 0.00 | 29.58 0.97 0.00 | 31.00 0.90 0.00 | 30.41 0.97 0.00 | 31.27 1.09 0.00 | 32.44 1.31 0.00 | 33.09 1.45 -0.08 | 34.79 1.75 0.00 | 41.52 1.32 0.00 | 49.84 1.92 0.00 | 40.33 1.63 0.00 | 34.02 1.18 0.00 | 31.13 1.02 0.00 | 28.55 1.04 0.00 | 26.13 0.74 0.00 |

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| ASTORIA_EAST_ENERGY_CC1 323581 | 26.29 1.49 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.66 1.04 0.00 | 21.92 0.86 0.01 | 22.79 0.96 0.01 | 24.72 1.24 0.01 | 26.90 1.57 0.01 | 26.79 1.49 0.01 | 30.32 1.72 0.01 | 31.90 1.81 0.01 | 31.20 1.77 0.01 | 32.08 1.90 0.01 | 33.12 1.99 0.01 | 33.67 2.05 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.98 3.07 0.01 | 41.18 2.48 0.01 | 34.70 1.87 0.01 | 31.93 1.84 0.01 | 29.16 1.65 0.00 | 26.81 1.42 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 26.29 1.49 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.66 1.04 0.00 | 21.92 0.86 0.01 | 22.79 0.96 0.01 | 24.72 1.24 0.01 | 26.90 1.57 0.01 | 26.79 1.49 0.01 | 30.32 1.72 0.01 | 31.90 1.81 0.01 | 31.20 1.77 0.01 | 32.08 1.90 0.01 | 33.12 1.99 0.01 | 33.67 2.05 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.98 3.07 0.01 | 41.18 2.48 0.01 | 34.70 1.87 0.01 | 31.93 1.84 0.01 | 29.16 1.65 0.00 | 26.81 1.42 0.00 |
| ASTORIA_GT2_1 24094 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.64 2.08 0.00 | 35.12 2.08 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.71 1.87 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| ASTORIA_GT2_2 24095 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.64 2.08 0.00 | 35.12 2.08 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.71 1.87 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| ASTORIA_GT2_3 24096 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.64 2.08 0.00 | 35.12 2.08 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.71 1.87 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| ASTORIA_GT2_4 24097 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.64 2.08 0.00 | 35.12 2.08 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.71 1.87 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| ASTORIA_GT3_1 24098 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.64 2.08 0.00 | 35.12 2.08 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.71 1.87 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| ASTORIA_GT3_2 24099 | 26.32 1.51 0.00 | 23.88 1.33 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.93 1.60 0.00 | 26.80 1.49 0.0 | | | | | | | | | | | | | | |

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| ASTORIA_GT_10 24110 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.73 2.18 0.00 | 35.05 2.02 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| ASTORIA_GT_11 24225 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.73 2.18 0.00 | 35.05 2.02 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| ASTORIA_GT_12 24226 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.73 2.18 0.00 | 35.05 2.02 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| ASTORIA_GT_13 24227 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.73 2.18 0.00 | 35.05 2.02 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| ASTORIA_GT_5 24106 | 26.34 1.54 0.00 | 23.88 1.33 0.00 | 21.72 1.23 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 21.96 0.90 0.01 | 22.83 1.01 0.01 | 24.77 1.29 0.01 | 26.95 1.62 0.01 | 26.84 1.54 0.01 | 30.41 1.80 0.01 | 31.99 1.90 0.01 | 31.29 1.86 0.01 | 32.17 1.99 0.01 | 33.18 2.05 0.01 | 33.74 2.11 -0.07 | 35.15 2.12 0.01 | 42.72 2.53 0.01 | 51.07 3.16 0.01 | 41.29 2.59 0.01 | 34.76 1.94 0.01 | 32.02 1.93 0.01 | 29.24 1.73 0.00 | 26.86 1.47 0.00 |
| ASTORIA_GT_7 24107 | 26.34 1.54 0.00 | 23.88 1.33 0.00 | 21.72 1.23 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 21.96 0.90 0.01 | 22.83 1.01 0.01 | 24.77 1.29 0.01 | 26.95 1.62 0.01 | 26.84 1.54 0.01 | 30.41 1.80 0.01 | 31.99 1.90 0.01 | 31.29 1.86 0.01 | 32.17 1.99 0.01 | 33.18 2.05 0.01 | 33.74 2.11 -0.07 | 35.15 2.12 0.01 | 42.72 2.53 0.01 | 51.07 3.16 0.01 | 41.29 2.59 0.01 | 34.76 1.94 0.01 | 32.02 1.93 0.01 | 29.24 1.73 0.00 | 26.86 1.47 0.00 |
| ASTORIA_GT_8 24108 | 26.37 1.56 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.87 1.39 0.00 | 26.98 1.65 0.00 | 26.85 1.54 0.00 | 30.41 1.80 0.00 | 32.00 1.90 0.00 | 31.30 1.85 0.00 | 32.15 1.96 0.00 | 33.19 2.05 0.00 | 33.67 2.11 0.00 | 35.15 2.11 0.00 | 42.84 2.65 0.00 | 51.08 3.16 0.00 | 41.30 2.59 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.89 1.50 0.00 |
| ASTORIA___2 24149 | 26.32 1.51 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.68 1.06 0.00 | 21.92 0.86 0.01 | 22.81 0.98 0.01 | 24.74 1.27 0.01 | 26.90 1.57 0.01 | 26.79 1.49 0.01 | 30.35 1.75 0.01 | 31.93 1.84 0.01 | 31.23 1.80 0.01 | 32.11 1.93 0.01 | 33.12 1.99 0.01 | 33.70 2.08 -0.07 | 35.08 2.05 0.01 | 42.64 2.45 0.01 | 50.98 3.07 0.01 | 41.21 2.51 0.01 | 34.70 1.87 0.01 | 31.96 1.87 0.01 | 29.18 1.68 0.00 | 26.81 1.42 0.00 |
| ASTORIA___3 23516 | 26.24 1.44 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.68 1.06 0.00 | 22.00 0.95 0.01 | 22.88 1.05 0.01 | 24.81 1.34 0.01 | 27.02 1.70 0.01 | 26.92 1.62 0.01 | 30.49 1.89 0.01 | 32.08 1.99 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.80 2.18 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.93 3.02 0.01 | 41.18 2.48 0.01 | 34.76 1.94 0.01 | 32.08 1.99 0.01 | 29.29 1.79 0.00 | 26.84 1.45 0.00 |
| ASTORIA___4 23517 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.73 2.18 0.00 | 35.05 2.02 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| ASTORIA___5 23518 | 26.24 1.44 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.68 1.06 0.00 | 22.00 0.95 0.01 | 22.88 1.05 0.01 | 24.81 1.34 0.01 | 27.02 1.70 0.01 | 26.92 1.62 0.01 | 30.49 1.89 0.01 | 32.08 1.99 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.80 2.18 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.93 3.02 0.01 | 41.18 2.48 0.01 | 34.76 1.94 0.01 | 32.08 1.99 0.01 | 29.29 1.79 0.00 | 26.84 1.45 0.00 |
| AST_ENERGY_2_CC3 323677 | 26.27 1.46 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.36 1.15 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 24.99 1.50 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.45 2.27 0.00 | 33.50 2.36 0.00 | 34.03 2.40 -0.08 | 35.29 2.25 0.00 | 42.88 2.69 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.30 2.20 0.00 | 29.49 1.98 0.00 | 26.94 1.55 0.00 |
| AST_ENERGY_2_CC4 323678 | 26.27 1.46 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.36 1.15 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 24.99 1.50 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.45 2.27 0.00 | 33.50 2.36 0.00 | 34.03 2.40 -0.08 | 35.29 2.25 0.00 | 42.88 2.69 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.30 2.20 0.00 | 29.49 1.98 0.00 | 26.94 1.55 0.00 |
| ATHENS_STG_1 23668 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.30 0.82 0.00 | 26.40 1.06 0.00 | 26.32 1.01 0.00 | 29.84 1.23 0.00 | 31.40 1.29 0.00 | 30.74 1.29 0.00 | 31.58 1.39 0.00 | 32.57 1.43 0.00 | 33.12 1.48 -0.08 | 34.46 1.42 0.00 | 41.80 1.61 0.00 | 49.88 1.97 0.00 | 40.37 1.66 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.66 1.16 0.00 | 26.23 0.84 0.00 |
| ATHENS_STG_2 23670 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.30 0.82 0.00 | 26.40 1.06 0.00 | 26.32 1.01 0.00 | 29.84 1.23 0.00 | 31.40 1.29 0.00 | 30.74 1.29 0.00 | 31.58 1.39 0.00 | 32.57 1.43 0.00 | 33.12 1.48 -0.08 | 34.46 1.42 0.00 | 41.80 1.61 0.00 | 49.88 1.97 0.00 | 40.37 1.66 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.66 1.16 0.00 | 26.23 0.84 0.00 |

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| ATHENS_STG_3 23677 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.30 0.82 0.00 | 26.40 1.06 0.00 | 26.32 1.01 0.00 | 29.84 1.23 0.00 | 31.40 1.29 0.00 | 30.74 1.29 0.00 | 31.58 1.39 0.00 | 32.57 1.43 0.00 | 33.12 1.48 -0.08 | 34.46 1.42 0.00 | 41.80 1.61 0.00 | 49.88 1.97 0.00 | 40.37 1.66 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.66 1.16 0.00 | 26.23 0.84 0.00 |
| AUBURN____LFGE 323710 | 25.42 0.62 0.00 | 23.09 0.54 0.00 | 20.96 0.47 0.00 | 20.70 0.49 0.00 | 20.11 0.49 0.00 | 21.71 0.65 0.00 | 22.45 0.61 0.00 | 24.00 0.52 0.00 | 25.87 0.53 0.00 | 25.92 0.61 0.00 | 29.36 0.74 0.00 | 30.88 0.78 0.00 | 30.18 0.74 0.00 | 30.94 0.75 0.00 | 31.85 0.72 0.00 | 32.22 0.66 0.00 | 33.93 0.89 0.00 | 41.20 1.00 0.00 | 49.45 1.53 0.00 | 39.83 1.12 0.00 | 33.89 1.05 0.00 | 30.97 0.87 0.00 | 28.14 0.63 0.00 | 26.10 0.71 0.00 |
| BABYLON_RES_REC 323704 | 28.48 2.03 -1.65 | 24.40 1.85 0.00 | 22.19 1.70 0.00 | 21.72 1.50 -0.01 | 21.15 1.53 0.00 | 22.34 1.28 0.00 | 23.19 1.35 0.00 | 25.29 1.81 0.00 | 27.64 2.31 0.00 | 27.54 2.23 0.00 | 31.27 2.66 0.00 | 34.32 2.86 -1.36 | 34.28 2.80 -2.04 | 36.01 2.96 -2.86 | 36.23 3.08 -2.01 | 37.09 3.16 -2.38 | 40.46 3.17 -4.25 | 53.44 3.74 -9.51 | 57.51 4.65 -4.94 | 43.97 3.72 -1.54 | 38.51 2.96 -2.72 | 37.14 2.89 -4.15 | 37.00 2.53 -6.97 | 27.70 2.08 -0.23 |
| BABYLON__69_KV_BK2 356345 | 28.85 2.41 -1.64 | 24.51 1.96 0.00 | 22.31 1.82 0.00 | 22.21 2.00 0.00 | 21.48 1.86 0.00 | 22.49 1.43 0.00 | 23.32 1.48 0.00 | 25.69 2.21 0.00 | 27.92 2.58 0.00 | 27.76 2.45 0.00 | 31.62 3.00 0.00 | 34.70 3.25 -1.35 | 34.63 3.15 -2.03 | 36.36 3.32 -2.85 | 36.62 3.49 -2.00 | 37.42 3.57 -2.30 | 40.98 3.70 -4.24 | 54.15 4.46 -9.50 | 58.17 5.32 -4.94 | 44.58 4.34 -1.54 | 38.89 3.35 -2.71 | 37.49 3.25 -4.14 | 37.33 2.86 -6.96 | 28.02 2.41 -0.22 |
| BALL_HILL_WT_PWR 323825 | 25.89 1.09 0.00 | 23.50 0.95 0.00 | 21.41 0.92 0.00 | 21.22 1.01 0.00 | 20.58 0.96 0.00 | 22.45 1.39 0.00 | 22.93 1.09 0.00 | 24.16 0.68 0.00 | 25.97 0.63 0.00 | 26.32 1.01 0.00 | 29.73 1.11 0.00 | 31.15 1.05 0.00 | 30.59 1.15 0.00 | 31.24 1.06 0.00 | 32.10 0.97 0.00 | 32.21 0.63 -0.02 | 34.10 1.06 0.00 | 42.20 2.01 0.00 | 50.02 2.11 0.00 | 40.21 1.51 0.00 | 34.48 1.64 0.00 | 31.64 1.53 0.00 | 28.77 1.27 0.00 | 26.89 1.50 0.00 |
| BARON_WINDS____WT_PWR 323822 | 25.84 1.04 0.00 | 23.46 0.90 0.00 | 21.35 0.86 0.00 | 21.12 0.91 0.00 | 20.50 0.88 0.00 | 22.26 1.20 0.00 | 22.84 1.01 0.00 | 24.28 0.80 0.00 | 26.12 0.79 0.00 | 26.32 1.01 0.00 | 29.76 1.15 0.00 | 31.25 1.14 0.00 | 30.59 1.15 0.00 | 31.31 1.12 0.00 | 32.16 1.03 0.00 | 32.43 0.85 -0.03 | 34.26 1.22 0.00 | 42.08 1.89 0.00 | 50.12 2.21 0.00 | 40.33 1.63 0.00 | 34.51 1.67 0.00 | 31.61 1.50 0.00 | 28.75 1.24 0.00 | 26.71 1.32 0.00 |
| BARRETT_IC_1 23704 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_10 23701 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_11 23702 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_12 23703 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_2 23705 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_3 23706 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_4 23707 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_5 23708 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_6 23709 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |

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| BARRETT_IC_7 23710 | 28.05 1.61 -1.64 | 24.00 1.44 0.00 | 21.78 1.29 0.00 | 21.55 1.33 0.00 | 20.88 1.26 0.00 | 22.18 1.12 0.00 | 23.02 1.18 0.00 | 25.15 1.67 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.71 2.26 -1.35 | 33.71 2.24 -2.03 | 35.37 2.32 -2.85 | 35.60 2.46 -2.00 | 36.35 2.49 -2.30 | 39.66 2.38 -4.24 | 52.71 3.01 -9.50 | 56.35 3.50 -4.94 | 43.11 2.86 -1.54 | 37.84 2.30 -2.71 | 36.47 2.23 -4.14 | 36.67 2.20 -6.96 | 27.34 1.73 -0.22 |
| BARRETT_IC_8 23711 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT_IC_9 23700 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT___1 23545 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BARRETT___2 23546 | 28.06 1.61 -1.65 | 24.06 1.51 0.00 | 21.84 1.35 0.00 | 21.45 1.23 -0.01 | 20.86 1.24 0.00 | 22.17 1.12 0.00 | 23.01 1.18 0.00 | 25.03 1.55 0.00 | 27.33 2.00 0.00 | 27.23 1.92 0.00 | 30.76 2.15 0.00 | 33.72 2.26 -1.36 | 33.72 2.24 -2.04 | 35.41 2.36 -2.86 | 35.60 2.46 -2.01 | 36.43 2.49 -2.38 | 39.67 2.38 -4.25 | 52.60 2.90 -9.51 | 56.36 3.50 -4.94 | 43.12 2.86 -1.54 | 37.85 2.30 -2.72 | 36.48 2.23 -4.15 | 36.59 2.12 -6.97 | 27.32 1.70 -0.23 |
| BATAVIA___115KV_TB1 55881 | 25.50 0.69 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 22.18 1.12 0.00 | 22.58 0.74 0.00 | 23.65 0.16 0.00 | 25.54 0.20 0.00 | 25.87 0.56 0.00 | 29.18 0.57 0.00 | 30.58 0.48 0.00 | 30.03 0.59 0.00 | 30.70 0.51 0.00 | 31.44 0.31 0.00 | 31.52 -0.03 0.00 | 33.47 0.43 0.00 | 40.07 -0.12 0.00 | 49.21 1.29 0.00 | 39.52 0.81 0.00 | 34.02 1.18 0.00 | 31.19 1.08 0.00 | 28.08 0.58 0.00 | 26.46 1.07 0.00 |
| BAYONEEC___CTG1 323682 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG10 323750 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG2 323683 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG3 323684 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG4 323685 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG5 323686 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG6 323687 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG7 323688 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BAYONEEC___CTG8 323689 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG9 323749 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 23.01 1.18 0.00 | 24.96 1.48 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.80 2.61 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.46 1.95 0.00 | 26.92 1.52 0.00 |
| BEACON___LESR 323632 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.23 0.61 0.00 | 21.63 0.57 0.00 | 22.47 0.63 0.00 | 24.40 0.91 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 30.01 1.40 0.00 | 31.61 1.50 0.00 | 30.91 1.47 0.00 | 31.76 1.57 0.00 | 32.69 1.56 0.00 | 33.29 1.64 -0.09 | 34.69 1.65 0.00 | 42.16 1.97 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.38 1.54 0.00 | 31.49 1.39 0.00 | 28.75 1.24 0.00 | 26.23 0.84 0.00 |
| BEAVER RIVER___HYD 24048 | 24.70 -0.10 0.00 | 22.44 -0.11 0.00 | 20.37 -0.12 0.00 | 20.11 -0.10 0.00 | 19.44 -0.18 0.00 | 20.91 -0.15 0.00 | 21.68 -0.15 0.00 | 23.37 -0.12 0.00 | 25.08 -0.25 0.00 | 25.01 -0.30 0.00 | 28.27 -0.34 0.00 | 29.71 -0.39 0.00 | 28.97 -0.47 0.00 | 29.74 -0.45 0.00 | 30.67 -0.47 0.00 | 31.18 -0.38 -0.01 | 32.81 -0.23 0.00 | 40.15 -0.04 0.00 | 47.92 0.00 0.00 | 38.51 -0.19 0.00 | 32.87 0.03 0.00 | 30.07 -0.03 0.00 | 27.45 -0.05 0.00 | 25.34 -0.05 0.00 |
| BEEBEE_GT_13 23619 | 25.20 0.40 0.00 | 22.87 0.32 0.00 | 20.80 0.31 0.00 | 20.52 0.30 0.00 | 19.92 0.29 0.00 | 21.65 0.59 0.00 | 22.27 0.44 0.00 | 23.53 0.05 0.00 | 25.41 0.08 0.00 | 25.61 0.30 0.00 | 28.95 0.34 0.00 | 30.43 0.33 0.00 | 29.80 0.35 0.00 | 30.46 0.27 0.00 | 31.29 0.16 0.00 | 31.49 -0.06 0.00 | 33.30 0.26 0.00 | 40.11 -0.08 0.00 | 48.73 0.81 0.00 | 39.17 0.46 0.00 | 33.36 0.53 0.00 | 30.55 0.45 0.00 | 27.67 0.17 0.00 | 25.95 0.56 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 26.49 1.69 0.00 | 24.04 1.49 0.00 | 21.84 1.35 0.00 | 21.51 1.29 0.00 | 20.84 1.22 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.13 1.64 0.00 | 27.28 1.95 0.00 | 27.18 1.87 0.00 | 30.79 2.17 0.00 | 32.42 2.32 0.00 | 31.71 2.27 0.00 | 32.57 2.38 0.00 | 33.65 2.52 0.00 | 34.14 2.59 0.00 | 35.39 2.35 0.00 | 43.21 3.01 0.00 | 51.51 3.59 0.00 | 41.61 2.90 0.00 | 35.20 2.36 0.00 | 32.39 2.29 0.00 | 29.62 2.12 0.00 | 27.09 1.70 0.00 |
| BETHLEHEM___GRP 23843 | 25.22 0.42 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.54 0.32 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.21 0.37 0.00 | 24.14 0.66 0.00 | 26.12 0.79 0.00 | 26.04 0.73 0.00 | 29.53 0.92 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.72 1.17 0.00 | 34.20 1.16 0.00 | 41.64 1.45 0.00 | 49.55 1.63 0.00 | 40.06 1.35 0.00 | 33.85 1.02 0.00 | 31.03 0.93 0.00 | 28.39 0.88 0.00 | 25.93 0.53 0.00 |
| BETHLEHEM___GS1 323560 | 25.20 0.40 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.53 0.32 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.21 0.37 0.00 | 24.07 0.59 0.00 | 26.09 0.76 0.00 | 26.04 0.73 0.00 | 29.53 0.92 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.82 1.17 -0.09 | 34.20 1.16 0.00 | 41.52 1.32 0.00 | 49.55 1.63 0.00 | 40.06 1.35 0.00 | 33.85 1.02 0.00 | 31.04 0.93 0.00 | 28.36 0.85 0.00 | 25.90 0.51 0.00 |
| BETHLEHEM___GS2 323561 | 25.20 0.40 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.53 0.32 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.21 0.37 0.00 | 24.07 0.59 0.00 | 26.09 0.76 0.00 | 26.04 0.73 0.00 | 29.53 0.92 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.82 1.17 -0.09 | 34.20 1.16 0.00 | 41.52 1.32 0.00 | 49.55 1.63 0.00 | 40.06 1.35 0.00 | 33.85 1.02 0.00 | 31.04 0.93 0.00 | 28.36 0.85 0.00 | 25.90 0.51 0.00 |
| BETHLEHEM___GS3 323562 | 25.20 0.40 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.53 0.32 0.00 | 20.01 0.39 0.00 | 21.40 0.34 0.00 | 22.21 0.37 0.00 | 24.07 0.59 0.00 | 26.09 0.76 0.00 | 26.04 0.73 0.00 | 29.53 0.92 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.82 1.17 -0.09 | 34.20 1.16 0.00 | 41.52 1.32 0.00 | 49.55 1.63 0.00 | 40.06 1.35 0.00 | 33.85 1.02 0.00 | 31.04 0.93 0.00 | 28.36 0.85 0.00 | 25.90 0.51 0.00 |
| BETHLEHEM___STEEL 23779 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.29 0.80 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 22.32 1.26 0.00 | 22.80 0.96 0.00 | 23.95 0.47 0.00 | 25.81 0.48 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 30.88 0.78 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 31.82 0.68 0.00 | 31.90 0.35 0.00 | 33.83 0.79 0.00 | 40.47 0.28 0.00 | 49.55 1.63 0.00 | 39.87 1.16 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.25 0.74 0.00 | 26.61 1.22 0.00 |
| BETHLHEM_115KV_TB1 79974 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.80 0.59 0.00 | 20.21 0.59 0.00 | 21.63 0.57 0.00 | 22.25 0.41 0.00 | 24.16 0.68 0.00 | 26.17 0.84 0.00 | 26.09 0.78 0.00 | 29.58 0.97 0.00 | 31.19 1.08 0.00 | 30.50 1.06 0.00 | 31.34 1.15 0.00 | 32.32 1.18 0.00 | 32.78 1.23 0.00 | 34.23 1.19 0.00 | 41.72 1.53 0.00 | 49.64 1.73 0.00 | 40.14 1.43 0.00 | 33.92 1.08 0.00 | 31.10 0.99 0.00 | 28.44 0.94 0.00 | 25.98 0.58 0.00 |
| BETHPAGE_CC_5 323564 | 28.39 1.94 -1.65 | 24.33 1.78 0.00 | 22.09 1.60 0.00 | 21.68 1.46 -0.01 | 21.09 1.47 0.00 | 22.34 1.28 0.00 | 23.21 1.38 0.00 | 25.27 1.78 0.00 | 27.61 2.28 0.00 | 27.51 2.20 0.00 | 31.24 2.63 0.00 | 34.26 2.80 -1.36 | 34.25 2.77 -2.04 | 35.98 2.93 -2.86 | 36.16 3.02 -2.01 | 37.03 3.09 -2.38 | 40.32 3.04 -4.25 | 53.36 3.66 -9.51 | 57.36 4.50 -4.94 | 43.85 3.60 -1.54 | 38.44 2.89 -2.72 | 37.08 2.83 -4.15 | 36.98 2.50 -6.97 | 27.65 2.03 -0.23 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 25.74 0.94 0.00 | 23.43 0.88 0.00 | 21.33 0.84 0.00 | 21.06 0.85 0.00 | 20.48 0.86 0.00 | 22.37 1.31 0.00 | 22.84 1.00 0.00 | 24.02 0.54 0.00 | 25.89 0.56 0.00 | 26.22 0.91 0.00 | 29.61 1.00 0.00 | 31.00 0.90 0.00 | 30.44 1.00 0.00 | 31.19 1.00 0.00 | 31.94 0.81 0.00 | 32.03 0.47 0.00 | 33.96 0.93 0.00 | 40.63 0.44 0.00 | 49.79 1.87 0.00 | 40.02 1.32 0.00 | 34.28 1.44 0.00 | 31.49 1.38 0.00 | 28.36 0.85 0.00 | 26.69 1.30 0.00 |
| BINGHAMTON___COGEN 23790 | 25.57 0.77 0.00 | 23.25 0.70 0.00 | 21.12 0.64 0.00 | 20.84 0.63 0.00 | 20.25 0.63 0.00 | 21.86 0.80 0.00 | 22.58 0.74 0.00 | 24.19 0.70 0.00 | 26.07 0.73 0.00 | 26.12 0.81 0.00 | 29.58 0.97 0.00 | 31.10 0.99 0.00 | 30.41 0.97 0.00 | 31.19 1.00 0.00 | 32.10 0.97 0.00 | 32.47 0.92 0.00 | 34.13 1.09 0.00 | 41.36 1.17 0.00 | 49.69 1.77 0.00 | 40.06 1.35 0.00 | 34.08 1.25 0.00 | 31.22 1.11 0.00 | 28.39 0.88 0.00 | 26.28 0.89 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 26.02 1.22 0.00 | 23.68 1.13 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.72 1.10 0.00 | 22.60 1.54 0.00 | 23.06 1.22 0.00 | 24.38 0.89 0.00 | 26.25 0.91 0.00 | 26.50 1.19 0.00 | 29.90 1.29 0.00 | 31.28 1.17 0.00 | 30.68 1.24 0.00 | 31.55 1.36 0.00 | 32.28 1.15 0.00 | 32.28 0.73 0.00 | 34.26 1.22 0.00 | 41.12 0.92 0.00 | 50.41 2.49 0.00 | 40.60 1.90 0.00 | 34.67 1.84 0.00 | 31.94 1.84 0.00 | 28.74 1.24 0.00 | 26.94 1.55 0.00 |

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| BROOKLYN_NAVY_YARD 23515 | 26.27 1.46 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.36 1.15 0.00 | 20.74 1.12 0.00 | 22.15 1.09 0.00 | 23.06 1.22 0.00 | 25.01 1.53 0.00 | 27.23 1.90 0.00 | 27.16 1.85 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.65 2.21 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 34.06 2.43 -0.08 | 35.29 2.25 0.00 | 42.93 2.73 0.00 | 51.37 3.45 0.00 | 41.50 2.79 0.00 | 35.04 2.20 0.00 | 32.36 2.26 0.00 | 29.51 2.01 0.00 | 26.94 1.55 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 28.35 1.91 -1.64 | 24.22 1.67 0.00 | 21.98 1.50 0.00 | 21.75 1.54 0.00 | 21.07 1.45 0.00 | 22.39 1.33 0.00 | 23.23 1.40 0.00 | 25.41 1.93 0.00 | 27.64 2.31 0.00 | 27.51 2.20 0.00 | 31.21 2.60 0.00 | 34.22 2.77 -1.35 | 34.21 2.74 -2.03 | 35.91 2.87 -2.85 | 36.13 2.99 -2.00 | 36.92 3.06 -2.30 | 40.28 3.01 -4.24 | 53.47 3.78 -9.50 | 57.36 4.50 -4.94 | 43.84 3.60 -1.54 | 38.43 2.89 -2.71 | 37.01 2.77 -4.14 | 37.02 2.56 -6.96 | 27.64 2.03 -0.22 |
| BROOME_2_LFGE 323671 | 25.60 0.79 0.00 | 23.25 0.70 0.00 | 21.12 0.64 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.86 0.80 0.00 | 22.58 0.74 0.00 | 24.19 0.70 0.00 | 26.07 0.74 0.00 | 26.12 0.81 0.00 | 29.58 0.97 0.00 | 31.09 0.99 0.00 | 30.41 0.97 0.00 | 31.15 0.97 0.00 | 32.10 0.97 0.00 | 32.50 0.92 -0.03 | 34.13 1.09 0.00 | 41.68 1.49 0.00 | 49.69 1.77 0.00 | 40.06 1.35 0.00 | 34.11 1.28 0.00 | 31.22 1.11 0.00 | 28.44 0.94 0.00 | 26.31 0.91 0.00 |
| BROOME___LFGE 323600 | 25.60 0.79 0.00 | 23.25 0.70 0.00 | 21.12 0.64 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.86 0.80 0.00 | 22.58 0.74 0.00 | 24.19 0.70 0.00 | 26.07 0.74 0.00 | 26.12 0.81 0.00 | 29.58 0.97 0.00 | 31.09 0.99 0.00 | 30.41 0.97 0.00 | 31.15 0.97 0.00 | 32.10 0.97 0.00 | 32.50 0.92 -0.03 | 34.13 1.09 0.00 | 41.68 1.49 0.00 | 49.69 1.77 0.00 | 40.06 1.35 0.00 | 34.11 1.28 0.00 | 31.22 1.11 0.00 | 28.44 0.94 0.00 | 26.31 0.91 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 24.50 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.04 -0.45 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.70 -0.85 0.00 | 32.31 -0.73 0.00 | 39.51 -0.68 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 26.44 1.64 0.00 | 24.02 1.47 0.00 | 21.80 1.31 0.00 | 21.51 1.29 0.00 | 20.86 1.24 0.00 | 22.26 1.20 0.00 | 23.17 1.33 0.00 | 25.22 1.74 0.00 | 27.39 2.05 0.00 | 27.26 1.95 0.00 | 30.90 2.29 0.00 | 32.51 2.41 0.00 | 31.80 2.36 0.00 | 32.63 2.45 0.00 | 33.72 2.58 0.00 | 34.17 2.62 0.00 | 35.48 2.44 0.00 | 43.33 3.13 0.00 | 51.66 3.74 0.00 | 41.73 3.02 0.00 | 35.23 2.40 0.00 | 32.51 2.41 0.00 | 29.76 2.26 0.00 | 27.12 1.73 0.00 |
| BURROWS___LYONSDAL 23803 | 25.12 0.32 0.00 | 22.85 0.29 0.00 | 20.73 0.25 0.00 | 20.46 0.24 0.00 | 19.82 0.20 0.00 | 21.35 0.29 0.00 | 22.12 0.28 0.00 | 23.81 0.33 0.00 | 25.64 0.30 0.00 | 25.59 0.28 0.00 | 28.95 0.34 0.00 | 30.43 0.33 0.00 | 29.71 0.26 0.00 | 30.49 0.30 0.00 | 31.44 0.31 0.00 | 31.93 0.38 0.00 | 33.54 0.50 0.00 | 40.95 0.76 0.00 | 48.88 0.96 0.00 | 39.33 0.62 0.00 | 33.52 0.69 0.00 | 30.67 0.57 0.00 | 27.95 0.44 0.00 | 25.77 0.38 0.00 |
| CAITHNESS_CC_1 323624 | 29.03 2.58 -1.65 | 25.03 2.48 0.00 | 22.93 2.44 0.00 | 22.00 1.78 -0.01 | 21.64 2.02 0.00 | 22.07 1.01 0.00 | 22.84 1.01 0.00 | 25.13 1.64 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.04 2.99 -2.86 | 36.54 3.39 -2.01 | 37.35 3.41 -2.38 | 41.52 4.23 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.61 3.05 -2.72 | 37.26 3.01 -4.15 | 36.87 2.39 -6.97 | 27.90 2.29 -0.23 |
| CALPINE BETH_PAGE_GT4 24209 | 28.38 1.93 -1.64 | 24.22 1.67 0.00 | 21.98 1.50 0.00 | 21.77 1.56 0.00 | 21.09 1.47 0.00 | 22.37 1.31 0.00 | 23.21 1.38 0.00 | 25.41 1.93 0.00 | 27.64 2.31 0.00 | 27.51 2.20 0.00 | 31.21 2.60 0.00 | 34.25 2.80 -1.35 | 34.21 2.74 -2.03 | 35.91 2.87 -2.85 | 36.16 3.02 -2.00 | 36.95 3.09 -2.30 | 40.32 3.04 -4.24 | 53.47 3.78 -9.50 | 57.36 4.50 -4.94 | 43.84 3.60 -1.54 | 38.43 2.89 -2.71 | 37.04 2.80 -4.14 | 37.02 2.56 -6.96 | 27.64 2.03 -0.22 |
| CALPINE_BETH_PAGE_GT_4 323586 | 28.39 1.94 -1.65 | 24.31 1.76 0.00 | 22.09 1.60 0.00 | 21.68 1.46 -0.01 | 21.07 1.45 0.00 | 22.37 1.31 0.00 | 23.21 1.38 0.00 | 25.27 1.78 0.00 | 27.61 2.28 0.00 | 27.51 2.20 0.00 | 31.21 2.60 0.00 | 34.26 2.80 -1.36 | 34.22 2.74 -2.04 | 35.95 2.90 -2.86 | 36.16 3.02 -2.01 | 37.03 3.09 -2.38 | 40.32 3.04 -4.25 | 53.36 3.66 -9.51 | 57.36 4.50 -4.94 | 43.85 3.60 -1.54 | 38.44 2.89 -2.72 | 37.05 2.80 -4.15 | 36.98 2.50 -6.97 | 27.62 2.01 -0.23 |
| CALPINE_BP_GT1 23823 | 28.39 1.94 -1.65 | 24.31 1.76 0.00 | 22.09 1.60 0.00 | 21.68 1.46 -0.01 | 21.07 1.45 0.00 | 22.37 1.31 0.00 | 23.21 1.38 0.00 | 25.27 1.78 0.00 | 27.61 2.28 0.00 | 27.51 2.20 0.00 | 31.21 2.60 0.00 | 34.26 2.80 -1.36 | 34.22 2.74 -2.04 | 35.95 2.90 -2.86 | 36.16 3.02 -2.01 | 37.03 3.09 -2.38 | 40.32 3.04 -4.25 | 53.36 3.66 -9.51 | 57.36 4.50 -4.94 | 43.85 3.60 -1.54 | 38.44 2.89 -2.72 | 37.05 2.80 -4.15 | 36.98 2.50 -6.97 | 27.62 2.01 -0.23 |
| CALSPAN___DRP 24200 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.29 0.80 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 22.32 1.26 0.00 | 22.80 0.96 0.00 | 23.95 0.47 0.00 | 25.81 0.48 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 30.88 0.78 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 31.82 0.68 0.00 | 31.90 0.35 0.00 | 33.83 0.79 0.00 | 40.47 0.28 0.00 | 49.55 1.63 0.00 | 39.87 1.16 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.25 0.74 0.00 | 26.61 1.22 0.00 |
| CALVERTON___SOLAR 323806 | 29.18 2.73 -1.65 | 25.17 2.61 0.00 | 23.07 2.58 0.00 | 22.10 1.88 -0.01 | 21.78 2.16 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.71 2.38 0.00 | 27.54 2.23 0.00 | 31.50 2.89 0.00 | 34.65 3.19 -1.36 | 34.57 3.09 -2.04 | 36.16 3.11 -2.86 | 36.69 3.55 -2.01 | 37.50 3.56 -2.38 | 41.78 4.49 -4.25 | 54.52 4.82 -9.51 | 58.51 5.65 -4.94 | 45.13 4.88 -1.54 | 38.77 3.22 -2.72 | 37.41 3.16 -4.15 | 36.98 2.50 -6.97 | 28.00 2.39 -0.23 |
| CANDIGU_WT_PWR 323617 | 25.84 1.04 0.00 | 23.46 0.90 0.00 | 21.35 0.86 0.00 | 21.12 0.91 0.00 | 20.50 0.88 0.00 | 22.26 1.20 0.00 | 22.84 1.01 0.00 | 24.28 0.80 0.00 | 26.12 0.79 0.00 | 26.32 1.01 0.00 | 29.76 1.15 0.00 | 31.25 1.14 0.00 | 30.59 1.15 0.00 | 31.31 1.12 0.00 | 32.16 1.03 0.00 | 32.43 0.85 -0.03 | 34.26 1.22 0.00 | 42.08 1.89 0.00 | 50.12 2.21 0.00 | 40.33 1.63 0.00 | 34.51 1.67 0.00 | 31.61 1.50 0.00 | 28.75 1.24 0.00 | 26.71 1.32 0.00 |

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| CARR STREET_E__SYR 24060 | 24.95 0.15 0.00 | 22.67 0.11 0.00 | 20.59 0.10 0.00 | 20.33 0.12 0.00 | 19.74 0.12 0.00 | 21.25 0.19 0.00 | 21.99 0.15 0.00 | 23.51 0.02 0.00 | 25.21 -0.13 0.00 | 25.16 -0.15 0.00 | 28.47 -0.14 0.00 | 29.92 -0.18 0.00 | 29.27 -0.18 0.00 | 29.98 -0.21 0.00 | 30.92 -0.22 0.00 | 31.32 -0.25 -0.02 | 32.84 -0.20 0.00 | 40.07 -0.12 0.00 | 47.77 -0.14 0.00 | 38.51 -0.19 0.00 | 32.77 -0.07 0.00 | 29.98 -0.12 0.00 | 27.37 -0.14 0.00 | 25.39 0.00 0.00 |
| CARTHAGE__PAPER 23857 | 24.73 -0.07 0.00 | 22.46 -0.09 0.00 | 20.37 -0.12 0.00 | 20.11 -0.10 0.00 | 19.46 -0.16 0.00 | 20.95 -0.10 0.00 | 21.73 -0.11 0.00 | 23.41 -0.07 0.00 | 25.11 -0.23 0.00 | 25.03 -0.28 0.00 | 28.27 -0.34 0.00 | 29.74 -0.36 0.00 | 28.97 -0.47 0.00 | 29.77 -0.42 0.00 | 30.67 -0.47 0.00 | 31.22 -0.35 -0.01 | 32.88 -0.16 0.00 | 40.27 0.08 0.00 | 48.06 0.14 0.00 | 38.63 -0.08 0.00 | 32.97 0.13 0.00 | 30.13 0.03 0.00 | 27.48 -0.03 0.00 | 25.37 -0.03 0.00 |
| CASSADAGA_WT_PWR 323784 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.84 1.35 0.00 | 21.61 1.39 0.00 | 20.99 1.37 0.00 | 22.89 1.83 0.00 | 23.39 1.55 0.00 | 24.68 1.20 0.00 | 26.52 1.19 0.00 | 26.95 1.64 0.00 | 30.53 1.92 0.00 | 31.94 1.84 0.00 | 31.41 1.97 0.00 | 32.09 1.90 0.00 | 32.97 1.84 0.00 | 33.09 1.51 -0.02 | 35.02 1.98 0.00 | 43.45 3.25 0.00 | 51.51 3.60 0.00 | 41.42 2.71 0.00 | 35.49 2.66 0.00 | 32.57 2.47 0.00 | 29.57 2.06 0.00 | 27.58 2.18 0.00 |
| CE_DUNWOOD__DRP 24194 | 26.14 1.34 0.00 | 23.77 1.22 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.66 1.04 0.00 | 22.05 0.99 0.00 | 22.91 1.07 0.00 | 24.94 1.46 0.00 | 27.06 1.72 0.00 | 26.95 1.65 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.30 2.11 0.00 | 33.34 2.21 0.00 | 33.83 2.27 0.00 | 35.19 2.15 0.00 | 42.88 2.69 0.00 | 51.08 3.16 0.00 | 41.30 2.59 0.00 | 34.90 2.07 0.00 | 32.12 2.02 0.00 | 29.38 1.87 0.00 | 26.81 1.42 0.00 |
| CE_MILLWOOD__DRP 24193 | 26.09 1.29 0.00 | 23.75 1.20 0.00 | 21.55 1.07 0.00 | 21.26 1.05 0.00 | 20.62 1.00 0.00 | 22.03 0.97 0.00 | 22.88 1.05 0.00 | 24.89 1.41 0.00 | 27.03 1.70 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.41 1.97 0.00 | 32.24 2.05 0.00 | 33.31 2.18 0.00 | 33.76 2.21 0.00 | 35.15 2.11 0.00 | 42.84 2.65 0.00 | 51.03 3.11 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.06 1.96 0.00 | 29.35 1.84 0.00 | 26.76 1.37 0.00 |
| CE_NYC2_DRP 24202 | 26.29 1.49 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.03 0.97 0.00 | 22.91 1.07 0.00 | 24.94 1.46 0.00 | 27.08 1.75 0.00 | 26.95 1.65 0.00 | 30.53 1.92 0.00 | 32.12 2.02 0.00 | 31.44 2.00 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.09 2.05 0.00 | 42.80 2.61 0.00 | 51.03 3.11 0.00 | 41.22 2.52 0.00 | 34.84 2.00 0.00 | 32.12 2.02 0.00 | 29.40 1.90 0.00 | 26.89 1.50 0.00 |
| CE_NYC_DRP 24195 | 26.29 1.49 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.62 2.18 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.29 2.25 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.57 2.06 0.00 | 26.97 1.57 0.00 |
| CHAFFEE__LFGE 323603 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.31 0.82 0.00 | 21.12 0.91 0.00 | 20.46 0.84 0.00 | 22.34 1.28 0.00 | 22.82 0.98 0.00 | 24.05 0.56 0.00 | 25.84 0.51 0.00 | 26.19 0.89 0.00 | 29.58 0.97 0.00 | 30.98 0.87 0.00 | 30.44 1.00 0.00 | 31.06 0.88 0.00 | 31.91 0.78 0.00 | 32.02 0.44 -0.02 | 33.93 0.89 0.00 | 42.00 1.81 0.00 | 49.74 1.82 0.00 | 40.02 1.32 0.00 | 34.28 1.44 0.00 | 31.46 1.36 0.00 | 28.61 1.10 0.00 | 26.74 1.34 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 25.05 0.25 0.00 | 22.78 0.23 0.00 | 20.73 0.25 0.00 | 20.48 0.26 0.00 | 19.84 0.22 0.00 | 21.31 0.25 0.00 | 22.27 0.44 0.00 | 24.07 0.59 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.88 0.44 0.00 | 30.61 0.42 0.00 | 31.63 0.50 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.92 0.00 | 48.97 1.05 0.00 | 39.33 0.62 0.00 | 33.43 0.59 0.00 | 30.61 0.51 0.00 | 27.97 0.47 0.00 | 25.77 0.38 0.00 |
| CHATEAUG_WT_PWR 323614 | 25.08 0.27 0.00 | 22.78 0.23 0.00 | 20.74 0.25 0.00 | 20.50 0.28 0.00 | 19.86 0.24 0.00 | 21.33 0.27 0.00 | 22.27 0.44 0.00 | 24.07 0.59 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.91 0.47 0.00 | 30.64 0.45 0.00 | 31.66 0.53 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.93 0.00 | 48.97 1.05 0.00 | 39.32 0.62 0.00 | 33.43 0.59 0.00 | 30.64 0.54 0.00 | 27.97 0.47 0.00 | 25.80 0.41 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 25.05 0.25 0.00 | 22.78 0.23 0.00 | 20.74 0.25 0.00 | 20.50 0.28 0.00 | 19.84 0.22 0.00 | 21.31 0.25 0.00 | 22.27 0.44 0.00 | 24.07 0.59 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.88 0.44 0.00 | 30.61 0.42 0.00 | 31.63 0.50 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.93 0.00 | 48.97 1.05 0.00 | 39.32 0.62 0.00 | 33.43 0.59 0.00 | 30.61 0.51 0.00 | 27.97 0.47 0.00 | 25.77 0.38 0.00 |
| CHAUTAUQUA__LFGE 323629 | 26.14 1.34 0.00 | 23.72 1.17 0.00 | 21.61 1.13 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.66 1.60 0.00 | 23.15 1.31 0.00 | 24.40 0.91 0.00 | 26.22 0.89 0.00 | 26.60 1.29 0.00 | 30.07 1.46 0.00 | 31.49 1.39 0.00 | 30.94 1.50 0.00 | 31.61 1.42 0.00 | 32.47 1.34 0.00 | 32.59 1.01 -0.02 | 34.49 1.45 0.00 | 42.72 2.53 0.00 | 50.65 2.73 0.00 | 40.72 2.01 0.00 | 34.91 2.07 0.00 | 32.03 1.93 0.00 | 29.10 1.59 0.00 | 27.20 1.80 0.00 |
| CHERRYST_13_KV_LD 356241 | 26.37 1.56 0.00 | 23.95 1.40 0.00 | 21.76 1.27 0.00 | 21.47 1.25 0.00 | 20.82 1.20 0.00 | 22.20 1.14 0.00 | 23.10 1.27 0.00 | 25.15 1.67 0.00 | 27.31 1.98 0.00 | 27.18 1.87 0.00 | 30.81 2.20 0.00 | 32.39 2.29 0.00 | 31.71 2.27 0.00 | 32.54 2.35 0.00 | 33.59 2.46 0.00 | 34.08 2.52 0.00 | 35.39 2.35 0.00 | 43.17 2.97 0.00 | 51.46 3.55 0.00 | 41.57 2.86 0.00 | 35.10 2.27 0.00 | 32.42 2.32 0.00 | 29.65 2.15 0.00 | 27.04 1.65 0.00 |
| CHESTROR_138KV_BK263 355645 | 25.87 1.07 0.00 | 23.54 0.99 0.00 | 21.37 0.88 0.00 | 21.08 0.87 0.00 | 20.46 0.84 0.00 | 21.88 0.82 0.00 | 22.75 0.92 0.00 | 24.66 1.17 0.00 | 26.70 1.37 0.00 | 26.62 1.32 0.00 | 30.16 1.55 0.00 | 31.70 1.60 0.00 | 31.03 1.59 0.00 | 31.85 1.66 0.00 | 32.91 1.77 0.00 | 33.38 1.83 0.00 | 34.82 1.78 0.00 | 42.40 2.21 0.00 | 50.46 2.54 0.00 | 40.80 2.09 0.00 | 34.51 1.67 0.00 | 31.73 1.63 0.00 | 29.02 1.51 0.00 | 26.54 1.14 0.00 |
| CH_MIDHUDSON__DRP 24192 | 25.99 1.19 0.00 | 23.63 1.08 0.00 | 21.45 0.96 0.00 | 21.18 0.97 0.00 | 20.54 0.92 0.00 | 21.94 0.88 0.00 | 22.82 0.98 0.00 | 24.82 1.34 0.00 | 26.88 1.55 0.00 | 26.80 1.49 0.00 | 30.39 1.77 0.00 | 31.97 1.87 0.00 | 31.30 1.85 0.00 | 32.15 1.96 0.00 | 33.22 2.09 0.00 | 33.70 2.15 0.00 | 35.15 2.11 0.00 | 42.76 2.57 0.00 | 50.84 2.92 0.00 | 41.15 2.44 0.00 | 34.74 1.90 0.00 | 31.94 1.84 0.00 | 29.24 1.73 0.00 | 26.69 1.30 0.00 |

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| CH_MISC_IPPS 23765 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.75 1.27 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.89 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.84 2.21 -0.08 | 35.29 2.25 0.00 | 42.60 2.41 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.74 1.34 0.00 |
| CH_RES_BVR_FALLS 23983 | 24.55 -0.25 0.00 | 22.30 -0.25 0.00 | 20.28 -0.20 0.00 | 20.01 -0.20 0.00 | 19.42 -0.20 0.00 | 20.87 -0.19 0.00 | 21.66 -0.18 0.00 | 23.34 -0.14 0.00 | 25.16 -0.18 0.00 | 25.16 -0.15 0.00 | 28.44 -0.17 0.00 | 29.92 -0.18 0.00 | 29.27 -0.18 0.00 | 29.98 -0.21 0.00 | 30.92 -0.22 0.00 | 31.30 -0.25 0.00 | 32.81 -0.23 0.00 | 39.91 -0.28 0.00 | 47.53 -0.39 0.00 | 38.40 -0.31 0.00 | 32.57 -0.26 0.00 | 29.86 -0.24 0.00 | 27.29 -0.22 0.00 | 25.19 -0.20 0.00 |
| CH_RES_NIAGARA 23895 | 24.73 -0.07 0.00 | 22.60 0.05 0.00 | 20.47 -0.02 0.00 | 20.29 0.08 0.00 | 19.68 0.06 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.99 -0.49 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.59 -0.60 0.00 | 30.38 -0.75 0.00 | 30.47 -1.11 -0.02 | 32.28 -0.76 0.00 | 39.87 -0.32 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 27.29 -0.22 0.00 | 25.65 0.25 0.00 |
| CH_RES_SYRACUSE 23985 | 25.18 0.37 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.18 0.35 0.00 | 23.74 0.26 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.43 0.24 0.00 | 31.38 0.25 0.00 | 31.79 0.22 -0.02 | 33.37 0.33 0.00 | 40.68 0.48 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.78 0.28 0.00 | 25.77 0.38 0.00 |
| CLINTON_WT_PWR 323605 | 25.08 0.27 0.00 | 22.78 0.23 0.00 | 20.74 0.25 0.00 | 20.50 0.28 0.00 | 19.86 0.24 0.00 | 21.33 0.27 0.00 | 22.27 0.44 0.00 | 24.07 0.59 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.91 0.47 0.00 | 30.64 0.45 0.00 | 31.66 0.53 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.93 1.05 | 48.97 1.05 0.00 | 39.32 0.62 0.00 | 33.43 0.59 0.00 | 30.64 0.54 0.00 | 27.97 0.47 0.00 | 25.80 0.41 0.00 |
| CLINTON__LFGE 323618 | 25.40 0.59 0.00 | 23.07 0.52 0.00 | 21.00 0.51 0.00 | 20.76 0.55 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.62 0.78 0.00 | 24.45 0.96 0.00 | 26.22 0.89 0.00 | 26.14 0.83 0.00 | 29.50 0.89 0.00 | 31.06 0.96 0.00 | 30.36 0.91 0.00 | 31.06 0.88 0.00 | 32.13 1.00 0.00 | 32.56 1.01 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.84 1.92 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.13 1.02 0.00 | 28.41 0.91 0.00 | 26.18 0.79 0.00 |
| COBBLENY_34_KV_TB1 80064 | 25.70 0.89 0.00 | 23.39 0.83 0.00 | 21.31 0.82 0.00 | 21.02 0.81 0.00 | 20.46 0.84 0.00 | 22.34 1.28 0.00 | 22.82 0.98 0.00 | 23.98 0.49 0.00 | 25.87 0.53 0.00 | 26.19 0.89 0.00 | 29.58 0.97 0.00 | 30.97 0.87 0.00 | 30.44 1.00 0.00 | 31.15 0.97 0.00 | 31.91 0.78 0.00 | 32.00 0.44 0.00 | 33.93 0.89 0.00 | 40.63 0.44 0.00 | 49.74 1.82 0.00 | 40.02 1.32 0.00 | 34.28 1.44 0.00 | 31.46 1.35 0.00 | 28.33 0.83 0.00 | 26.64 1.24 0.00 |
| COFFEEN__115KV_TB3 355620 | 25.00 0.20 0.00 | 22.71 0.16 0.00 | 20.59 0.10 0.00 | 20.31 0.10 0.00 | 19.68 0.06 0.00 | 21.25 0.19 0.00 | 22.01 0.17 0.00 | 23.65 0.16 0.00 | 25.36 0.03 0.00 | 25.31 0.00 0.00 | 28.58 -0.03 0.00 | 30.04 -0.06 0.00 | 29.27 -0.18 0.00 | 30.07 -0.12 0.00 | 30.98 -0.16 0.00 | 31.52 -0.03 0.00 | 33.24 0.20 0.00 | 40.71 0.52 0.00 | 48.73 0.81 0.00 | 39.09 0.39 0.00 | 33.43 0.59 0.00 | 30.55 0.45 0.00 | 27.75 0.25 0.00 | 25.65 0.25 0.00 |
| COLDSPRG_115KV_BK1 355956 | 26.56 1.76 0.00 | 24.15 1.60 0.00 | 22.00 1.52 0.00 | 21.71 1.50 0.00 | 21.15 1.53 0.00 | 23.08 2.02 0.00 | 23.58 1.75 0.00 | 24.92 1.43 0.00 | 26.88 1.55 0.00 | 27.26 1.95 0.00 | 30.84 2.23 0.00 | 32.27 2.17 0.00 | 31.71 2.27 0.00 | 32.45 2.26 0.00 | 33.28 2.15 0.00 | 33.35 1.80 0.00 | 35.35 2.31 0.00 | 42.48 2.29 0.00 | 52.04 4.12 0.00 | 41.80 3.10 0.00 | 35.82 2.99 0.00 | 32.84 2.74 0.00 | 29.51 2.01 0.00 | 27.63 2.23 0.00 |
| COLONIE_LFGE__ 323577 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.65 0.00 | 24.40 0.91 0.00 | 26.52 1.19 0.00 | 26.47 1.16 0.00 | 30.01 1.40 0.00 | 31.64 1.53 0.00 | 30.97 1.53 0.00 | 31.82 1.63 0.00 | 32.78 1.65 0.00 | 33.35 1.70 -0.10 | 34.76 1.72 0.00 | 42.24 2.05 0.00 | 50.46 2.54 0.00 | 40.76 2.05 0.00 | 34.41 1.58 0.00 | 31.55 1.44 0.00 | 28.80 1.29 0.00 | 26.31 0.91 0.00 |
| COOPERNY_115KV_TB1 80082 | 25.70 0.89 0.00 | 23.39 0.83 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.33 0.71 0.00 | 21.78 0.72 0.00 | 22.62 0.79 0.00 | 24.47 0.99 0.00 | 26.47 1.14 0.00 | 26.42 1.11 0.00 | 29.90 1.29 0.00 | 31.46 1.35 0.00 | 30.77 1.32 0.00 | 31.58 1.39 0.00 | 32.60 1.46 0.00 | 33.04 1.48 0.00 | 34.49 1.45 0.00 | 42.00 1.81 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.28 1.44 0.00 | 31.46 1.35 0.00 | 28.77 1.27 0.00 | 26.36 0.96 0.00 |
| COPENHAGEN_WT_PWR 323753 | 24.85 0.05 0.00 | 22.57 0.02 0.00 | 20.47 -0.02 0.00 | 20.21 0.00 0.00 | 19.56 -0.06 0.00 | 21.10 0.04 0.00 | 21.86 0.02 0.00 | 23.51 0.02 0.00 | 25.18 -0.15 0.00 | 25.13 -0.18 0.00 | 28.41 -0.20 0.00 | 29.86 -0.24 0.00 | 29.09 -0.35 0.00 | 29.89 -0.30 0.00 | 30.79 -0.34 0.00 | 31.31 -0.25 -0.01 | 32.97 -0.07 0.00 | 40.43 0.24 0.00 | 48.26 0.34 0.00 | 38.75 0.04 0.00 | 33.10 0.26 0.00 | 30.25 0.15 0.00 | 27.56 0.06 0.00 | 25.47 0.08 0.00 |
| CORNELL____ 23752 | 25.77 0.97 0.00 | 23.43 0.88 0.00 | 21.27 0.78 0.00 | 20.98 0.77 0.00 | 20.41 0.78 0.00 | 22.03 0.97 0.00 | 22.75 0.92 0.00 | 24.40 0.92 0.00 | 26.27 0.94 0.00 | 26.30 0.99 0.00 | 29.78 1.17 0.00 | 31.34 1.23 0.00 | 30.59 1.15 0.00 | 31.37 1.18 0.00 | 32.32 1.18 0.00 | 32.72 1.17 0.00 | 34.46 1.42 0.00 | 41.84 1.65 0.00 | 50.27 2.35 0.00 | 40.45 1.74 0.00 | 34.48 1.64 0.00 | 31.49 1.38 0.00 | 28.61 1.10 0.00 | 26.48 1.09 0.00 |
| CORONAAV_69_KV_TB1 355595 | 28.23 1.79 -1.64 | 24.13 1.58 0.00 | 21.90 1.41 0.00 | 21.65 1.44 0.00 | 20.99 1.37 0.00 | 22.30 1.24 0.00 | 23.15 1.31 0.00 | 25.29 1.81 0.00 | 27.51 2.18 0.00 | 27.38 2.08 0.00 | 31.04 2.43 0.00 | 34.01 2.56 -1.35 | 34.01 2.53 -2.03 | 35.67 2.63 -2.85 | 35.91 2.77 -2.00 | 36.66 2.81 -2.30 | 40.02 2.74 -4.24 | 53.15 3.46 -9.50 | 56.97 4.12 -4.94 | 43.53 3.29 -1.54 | 38.20 2.66 -2.71 | 36.80 2.56 -4.14 | 36.86 2.39 -6.96 | 27.51 1.90 -0.22 |
| CORTLAND_115KV_TB3 80093 | 25.52 0.72 0.00 | 23.18 0.63 0.00 | 21.06 0.57 0.00 | 20.78 0.57 0.00 | 20.19 0.57 0.00 | 21.78 0.72 0.00 | 22.51 0.68 0.00 | 24.12 0.63 0.00 | 25.99 0.66 0.00 | 25.99 0.68 0.00 | 29.44 0.83 0.00 | 30.97 0.87 0.00 | 30.27 0.82 0.00 | 31.03 0.85 0.00 | 31.97 0.84 0.00 | 32.37 0.82 0.00 | 34.03 0.99 0.00 | 41.36 1.17 0.00 | 49.55 1.63 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.10 0.99 0.00 | 28.28 0.77 0.00 | 26.18 0.79 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| COXSACKIE___GT 23611 | 25.65 0.84 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.80 0.59 0.00 | 20.25 0.63 0.00 | 21.69 0.63 0.00 | 22.71 0.87 0.00 | 24.45 0.96 0.00 | 26.52 1.19 0.00 | 26.40 1.09 0.00 | 30.01 1.40 0.00 | 31.49 1.39 0.00 | 30.88 1.44 0.00 | 31.76 1.57 0.00 | 32.87 1.74 0.00 | 33.54 1.89 -0.09 | 35.32 2.28 0.00 | 42.28 2.09 0.00 | 50.74 2.83 0.00 | 41.03 2.32 0.00 | 34.64 1.80 0.00 | 31.61 1.50 0.00 | 28.96 1.46 0.00 | 26.46 1.07 0.00 |
| CPV_VALLEY___CC1 323721 | 25.80 0.99 0.00 | 23.50 0.95 0.00 | 21.35 0.86 0.00 | 21.02 0.81 0.00 | 20.43 0.80 0.00 | 21.84 0.78 0.00 | 22.69 0.85 0.00 | 24.51 1.03 0.00 | 26.62 1.29 0.00 | 26.55 1.24 0.00 | 30.07 1.46 0.00 | 31.64 1.53 0.00 | 30.94 1.50 0.00 | 31.79 1.60 0.00 | 32.81 1.68 0.00 | 33.35 1.73 -0.06 | 34.72 1.68 0.00 | 42.12 1.93 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.41 1.58 0.00 | 31.64 1.53 0.00 | 28.88 1.37 0.00 | 26.46 1.07 0.00 |
| CPV_VALLEY___CC2 323722 | 25.80 0.99 0.00 | 23.50 0.95 0.00 | 21.35 0.86 0.00 | 21.02 0.81 0.00 | 20.43 0.80 0.00 | 21.84 0.78 0.00 | 22.69 0.85 0.00 | 24.51 1.03 0.00 | 26.62 1.29 0.00 | 26.55 1.24 0.00 | 30.07 1.46 0.00 | 31.64 1.53 0.00 | 30.94 1.50 0.00 | 31.79 1.60 0.00 | 32.81 1.68 0.00 | 33.35 1.73 -0.06 | 34.72 1.68 0.00 | 42.12 1.93 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.41 1.58 0.00 | 31.64 1.53 0.00 | 28.88 1.37 0.00 | 26.46 1.07 0.00 |
| CRESCENT___HYD 24018 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.65 0.00 | 24.40 0.91 0.00 | 26.52 1.19 0.00 | 26.47 1.16 0.00 | 30.01 1.40 0.00 | 31.64 1.53 0.00 | 30.97 1.53 0.00 | 31.82 1.63 0.00 | 32.78 1.65 0.00 | 33.35 1.70 -0.10 | 34.76 1.72 0.00 | 42.24 2.05 0.00 | 50.46 2.54 0.00 | 40.76 2.05 0.00 | 34.41 1.58 0.00 | 31.55 1.44 0.00 | 28.80 1.29 0.00 | 26.31 0.91 0.00 |
| CRICKET___VALLEY_CC1 323756 | 25.84 1.04 0.00 | 23.54 0.99 0.00 | 21.37 0.88 0.00 | 21.04 0.83 0.00 | 20.44 0.82 0.00 | 21.84 0.78 0.00 | 22.64 0.81 0.00 | 24.59 1.10 0.00 | 26.75 1.42 0.00 | 26.67 1.37 0.00 | 30.24 1.63 0.00 | 31.88 1.78 0.00 | 31.21 1.77 0.00 | 32.06 1.87 0.00 | 33.09 1.96 0.00 | 33.66 2.02 -0.08 | 34.99 1.95 0.00 | 42.44 2.25 0.00 | 50.70 2.78 0.00 | 40.99 2.28 0.00 | 34.57 1.74 0.00 | 31.76 1.65 0.00 | 29.02 1.51 0.00 | 26.48 1.09 0.00 |
| CRICKET___VALLEY_CC2 323757 | 25.84 1.04 0.00 | 23.54 0.99 0.00 | 21.37 0.88 0.00 | 21.04 0.83 0.00 | 20.44 0.82 0.00 | 21.84 0.78 0.00 | 22.64 0.81 0.00 | 24.59 1.10 0.00 | 26.75 1.42 0.00 | 26.67 1.37 0.00 | 30.24 1.63 0.00 | 31.88 1.78 0.00 | 31.21 1.77 0.00 | 32.06 1.87 0.00 | 33.09 1.96 0.00 | 33.66 2.02 -0.08 | 34.99 1.95 0.00 | 42.44 2.25 0.00 | 50.70 2.78 0.00 | 40.99 2.28 0.00 | 34.57 1.74 0.00 | 31.76 1.65 0.00 | 29.02 1.51 0.00 | 26.48 1.09 0.00 |
| CRICKET___VALLEY_CC3 323758 | 25.84 1.04 0.00 | 23.54 0.99 0.00 | 21.37 0.88 0.00 | 21.04 0.83 0.00 | 20.44 0.82 0.00 | 21.84 0.78 0.00 | 22.64 0.81 0.00 | 24.59 1.10 0.00 | 26.75 1.42 0.00 | 26.67 1.37 0.00 | 30.24 1.63 0.00 | 31.88 1.78 0.00 | 31.21 1.77 0.00 | 32.06 1.87 0.00 | 33.09 1.96 0.00 | 33.66 2.02 -0.08 | 34.99 1.95 0.00 | 42.44 2.25 0.00 | 50.70 2.78 0.00 | 40.99 2.28 0.00 | 34.57 1.74 0.00 | 31.76 1.65 0.00 | 29.02 1.51 0.00 | 26.48 1.09 0.00 |
| CRUCIBLE_METL_DRP 24180 | 25.15 0.35 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.19 0.35 0.00 | 23.69 0.21 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.46 0.27 0.00 | 31.38 0.25 0.00 | 31.78 0.22 0.00 | 33.37 0.33 0.00 | 40.51 0.32 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.73 0.22 0.00 | 25.75 0.36 0.00 |
| DAHOWA___HYDRO 323763 | 25.77 0.97 0.00 | 23.46 0.90 0.00 | 21.29 0.80 0.00 | 20.96 0.75 0.00 | 20.41 0.79 0.00 | 21.82 0.76 0.00 | 22.62 0.78 0.00 | 24.56 1.08 0.00 | 26.78 1.44 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.12 1.93 0.00 | 33.00 1.87 0.00 | 33.61 1.96 -0.10 | 35.06 2.02 0.00 | 42.72 2.53 0.00 | 51.13 3.21 0.00 | 41.19 2.48 0.00 | 34.81 1.97 0.00 | 31.91 1.81 0.00 | 29.07 1.57 0.00 | 26.51 1.12 0.00 |
| DANC___LFGE 323619 | 24.75 -0.05 0.00 | 22.48 -0.07 0.00 | 20.41 -0.08 0.00 | 20.15 -0.06 0.00 | 19.52 -0.10 0.00 | 21.06 0.00 0.00 | 21.79 -0.04 0.00 | 23.37 -0.12 0.00 | 25.08 -0.25 0.00 | 25.06 -0.25 0.00 | 28.30 -0.31 0.00 | 29.74 -0.36 0.00 | 29.00 -0.44 0.00 | 29.77 -0.42 0.00 | 30.70 -0.44 0.00 | 31.12 -0.44 -0.01 | 32.74 -0.30 0.00 | 40.07 -0.12 0.00 | 47.82 -0.10 0.00 | 38.48 -0.23 0.00 | 32.80 -0.03 0.00 | 30.01 -0.09 0.00 | 27.37 -0.14 0.00 | 25.34 -0.05 0.00 |
| DANSKAMMER___1 23586 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.75 1.27 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.89 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.84 2.21 -0.08 | 35.29 2.25 0.00 | 42.60 2.41 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.74 1.34 0.00 |
| DANSKAMMER___2 23589 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.75 1.27 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.89 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.84 2.21 -0.08 | 35.29 2.25 0.00 | 42.60 2.41 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.74 1.34 0.00 |
| DANSKAMMER___3 23590 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.75 1.27 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.89 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.84 2.21 -0.08 | 35.29 2.25 0.00 | 42.60 2.41 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.74 1.34 0.00 |
| DANSKAMMER___4 23591 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.75 1.27 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.89 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.84 2.21 -0.08 | 35.29 2.25 0.00 | 42.60 2.41 0.00 | 50.99 3.07 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.24 1.73 0.00 | 26.74 1.34 0.00 |
| DANSKAMMER___DIESEL 23592 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.20 0.99 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.89 1.41 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.44 1.83 0.00 | 31.97 1.87 0.00 | 31.33 1.88 0.00 | 32.18 1.99 0.00 | 33.28 2.15 0.00 | 33.76 2.21 0.00 | 35.29 2.25 0.00 | 42.84 2.65 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.84 2.00 0.00 | 31.97 1.87 0.00 | 29.32 1.82 0.00 | 26.74 1.35 0.00 |

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| DARBY___SOLAR 323810 | 25.74 0.94 0.00 | 23.43 0.88 0.00 | 21.29 0.80 0.00 | 20.96 0.75 0.00 | 20.41 0.79 0.00 | 21.80 0.74 0.00 | 22.62 0.78 0.00 | 24.54 1.06 0.00 | 26.73 1.39 0.00 | 26.70 1.39 0.00 | 30.27 1.66 0.00 | 31.91 1.81 0.00 | 31.21 1.77 0.00 | 32.06 1.87 0.00 | 32.97 1.84 0.00 | 33.54 1.89 -0.10 | 34.99 1.95 0.00 | 42.64 2.45 0.00 | 50.99 3.07 0.00 | 41.11 2.40 0.00 | 34.74 1.90 0.00 | 31.88 1.78 0.00 | 29.05 1.54 0.00 | 26.48 1.09 0.00 |
| DASHVILLE___HYD 23610 | 25.82 1.02 0.00 | 23.48 0.92 0.00 | 21.31 0.82 0.00 | 21.04 0.83 0.00 | 20.39 0.77 0.00 | 21.78 0.72 0.00 | 22.69 0.85 0.00 | 24.63 1.15 0.00 | 26.63 1.29 0.00 | 26.52 1.21 0.00 | 30.07 1.46 0.00 | 31.61 1.51 0.00 | 30.94 1.50 0.00 | 31.79 1.60 0.00 | 32.91 1.77 0.00 | 33.38 1.83 0.00 | 34.86 1.82 0.00 | 42.32 2.13 0.00 | 50.31 2.40 0.00 | 40.72 2.01 0.00 | 34.38 1.54 0.00 | 31.61 1.51 0.00 | 29.02 1.51 0.00 | 26.48 1.09 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 29.67 3.22 -1.64 | 24.92 2.37 0.00 | 22.82 2.34 0.00 | 23.16 2.95 0.00 | 22.29 2.67 0.00 | 22.53 1.47 0.00 | 23.30 1.46 0.00 | 26.09 2.61 0.00 | 28.27 2.94 0.00 | 28.04 2.73 0.00 | 32.10 3.49 0.00 | 35.31 3.85 -1.35 | 35.19 3.71 -2.03 | 36.91 3.86 -2.85 | 37.34 4.20 -2.00 | 38.08 4.23 -2.30 | 42.53 5.25 -4.24 | 55.52 5.83 -9.50 | 59.66 6.80 -4.94 | 46.01 5.77 -1.54 | 39.48 3.94 -2.71 | 38.01 3.76 -4.14 | 37.55 3.08 -6.96 | 28.51 2.89 -0.22 |
| DELAWARE___LFGE 323621 | 25.72 0.92 0.00 | 23.39 0.83 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.35 0.73 0.00 | 21.88 0.82 0.00 | 22.64 0.81 0.00 | 24.47 0.99 0.00 | 26.42 1.09 0.00 | 26.40 1.09 0.00 | 29.90 1.29 0.00 | 31.46 1.35 0.00 | 30.77 1.32 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.01 1.45 0.00 | 34.53 1.49 0.00 | 42.00 1.81 0.00 | 50.12 2.20 0.00 | 40.45 1.74 0.00 | 34.38 1.54 0.00 | 31.52 1.41 0.00 | 28.72 1.21 0.00 | 26.38 0.99 0.00 |
| DERFIELD_115KV_TB7 355931 | 24.90 0.10 0.00 | 22.64 0.09 0.00 | 20.57 0.08 0.00 | 20.29 0.08 0.00 | 19.70 0.08 0.00 | 21.16 0.11 0.00 | 21.92 0.09 0.00 | 23.60 0.12 0.00 | 25.46 0.13 0.00 | 25.44 0.13 0.00 | 28.75 0.14 0.00 | 30.25 0.15 0.00 | 29.59 0.15 0.00 | 30.37 0.18 0.00 | 31.32 0.19 0.00 | 31.74 0.19 0.00 | 33.24 0.20 0.00 | 40.43 0.24 0.00 | 48.21 0.29 0.00 | 38.90 0.19 0.00 | 33.00 0.16 0.00 | 30.25 0.15 0.00 | 27.64 0.14 0.00 | 25.49 0.10 0.00 |
| DOGLEVILLE___HYD 23807 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.37 0.88 0.00 | 21.10 0.89 0.00 | 20.48 0.86 0.00 | 22.03 0.97 0.00 | 22.82 0.98 0.00 | 24.56 1.08 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 29.87 1.26 0.00 | 31.40 1.29 0.00 | 30.68 1.24 0.00 | 31.46 1.27 0.00 | 32.44 1.31 0.00 | 32.88 1.33 0.00 | 34.39 1.36 0.00 | 41.80 1.61 0.00 | 49.79 1.87 0.00 | 40.10 1.39 0.00 | 34.05 1.22 0.00 | 31.15 1.05 0.00 | 28.44 0.94 0.00 | 26.23 0.84 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.72 1.10 0.00 | 22.62 1.56 0.00 | 23.10 1.27 0.00 | 24.30 0.82 0.00 | 26.19 0.86 0.00 | 26.55 1.24 0.00 | 30.01 1.40 0.00 | 31.43 1.32 0.00 | 30.88 1.44 0.00 | 31.61 1.42 0.00 | 32.38 1.25 0.00 | 32.47 0.92 0.00 | 34.43 1.39 0.00 | 41.24 1.04 0.00 | 50.51 2.59 0.00 | 40.60 1.90 0.00 | 34.81 1.97 0.00 | 31.97 1.87 0.00 | 28.77 1.27 0.00 | 27.04 1.65 0.00 |
| DUNKIRK___1 23563 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.72 1.10 0.00 | 22.62 1.56 0.00 | 23.10 1.27 0.00 | 24.30 0.82 0.00 | 26.19 0.86 0.00 | 26.55 1.24 0.00 | 30.01 1.40 0.00 | 31.43 1.32 0.00 | 30.88 1.44 0.00 | 31.61 1.42 0.00 | 32.38 1.25 0.00 | 32.47 0.92 0.00 | 34.43 1.39 0.00 | 41.24 1.04 0.00 | 50.51 2.59 0.00 | 40.60 1.90 0.00 | 34.81 1.97 0.00 | 31.97 1.87 0.00 | 28.77 1.27 0.00 | 27.04 1.65 0.00 |
| DUNKIRK___2 23564 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.72 1.10 0.00 | 22.62 1.56 0.00 | 23.10 1.27 0.00 | 24.30 0.82 0.00 | 26.19 0.86 0.00 | 26.55 1.24 0.00 | 30.01 1.40 0.00 | 31.43 1.32 0.00 | 30.88 1.44 0.00 | 31.61 1.42 0.00 | 32.38 1.25 0.00 | 32.47 0.92 0.00 | 34.43 1.39 0.00 | 41.24 1.04 0.00 | 50.51 2.59 0.00 | 40.60 1.90 0.00 | 34.81 1.97 0.00 | 31.97 1.87 0.00 | 28.77 1.27 0.00 | 27.04 1.65 0.00 |
| DUNKIRK___3 23565 | 25.94 1.14 0.00 | 23.59 1.04 0.00 | 21.49 1.00 0.00 | 21.20 0.99 0.00 | 20.64 1.02 0.00 | 22.51 1.45 0.00 | 23.02 1.18 0.00 | 24.23 0.75 0.00 | 26.12 0.79 0.00 | 26.45 1.14 0.00 | 29.87 1.26 0.00 | 31.31 1.20 0.00 | 30.74 1.30 0.00 | 31.46 1.27 0.00 | 32.25 1.12 0.00 | 32.34 0.79 0.00 | 34.30 1.26 0.00 | 41.08 0.88 0.00 | 50.27 2.35 0.00 | 40.45 1.74 0.00 | 34.64 1.81 0.00 | 31.79 1.69 0.00 | 28.63 1.13 0.00 | 26.89 1.50 0.00 |
| DUNKIRK___4 23566 | 25.92 1.12 0.00 | 23.59 1.04 0.00 | 21.47 0.98 0.00 | 21.18 0.97 0.00 | 20.62 1.00 0.00 | 22.51 1.45 0.00 | 22.99 1.16 0.00 | 24.19 0.70 0.00 | 26.07 0.73 0.00 | 26.42 1.11 0.00 | 29.84 1.23 0.00 | 31.25 1.14 0.00 | 30.71 1.27 0.00 | 31.43 1.24 0.00 | 32.19 1.06 0.00 | 32.31 0.76 0.00 | 34.23 1.19 0.00 | 41.00 0.80 0.00 | 50.22 2.30 0.00 | 40.37 1.66 0.00 | 34.61 1.77 0.00 | 31.79 1.69 0.00 | 28.61 1.10 0.00 | 26.89 1.50 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 26.17 1.36 0.00 | 23.79 1.24 0.00 | 21.59 1.11 0.00 | 21.32 1.11 0.00 | 20.68 1.06 0.00 | 22.07 1.01 0.00 | 22.95 1.11 0.00 | 24.99 1.50 0.00 | 27.11 1.77 0.00 | 27.00 1.70 0.00 | 30.61 2.00 0.00 | 32.21 2.11 0.00 | 31.50 2.06 0.00 | 32.36 2.17 0.00 | 33.40 2.27 0.00 | 33.89 2.34 0.00 | 35.22 2.18 0.00 | 42.96 2.77 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.94 2.10 0.00 | 32.18 2.08 0.00 | 29.43 1.93 0.00 | 26.84 1.45 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 25.94 1.14 0.00 | 23.59 1.04 0.00 | 21.43 0.94 0.00 | 21.14 0.93 0.00 | 20.50 0.88 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.75 1.27 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.24 1.63 0.00 | 31.79 1.69 0.00 | 31.15 1.71 0.00 | 31.97 1.78 0.00 | 33.06 1.93 0.00 | 33.54 1.99 0.00 | 35.02 1.98 0.00 | 42.56 2.37 0.00 | 50.65 2.73 0.00 | 40.99 2.28 0.00 | 34.64 1.81 0.00 | 31.82 1.72 0.00 | 29.13 1.62 0.00 | 26.61 1.22 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 26.34 1.54 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.38 1.17 0.00 | 20.72 1.10 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.84 1.36 0.00 | 26.95 1.62 0.00 | 26.83 1.52 0.00 | 30.39 1.77 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.15 1.96 0.00 | 33.19 2.05 0.00 | 33.67 2.11 0.00 | 35.12 2.08 0.00 | 42.80 2.61 0.00 | 51.03 3.11 0.00 | 41.22 2.52 0.00 | 34.74 1.90 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.87 1.47 0.00 |
| E179THST_13_KV_LOAD 356214 | 26.44 1.64 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.05 0.99 0.00 | 22.93 1.09 0.00 | 24.94 1.46 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.41 1.97 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.38 2.67 0.00 | 34.87 2.04 0.00 | 32.15 2.05 0.00 | 29.40 1.90 0.00 | 26.97 1.57 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| EMPIRE_CC_2 323658 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.88 0.67 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.65 0.00 | 24.40 0.91 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 29.98 1.37 0.00 | 31.64 1.53 0.00 | 30.94 1.50 0.00 | 31.82 1.63 0.00 | 32.81 1.68 0.00 | 33.35 1.70 -0.09 | 34.76 1.72 0.00 | 42.16 1.97 0.00 | 50.31 2.39 0.00 | 40.72 2.01 0.00 | 34.35 1.51 0.00 | 31.52 1.42 0.00 | 28.80 1.29 0.00 | 26.28 0.89 0.00 |
| ENORWICH_115KV_TB1 80156 | 26.86 2.06 0.00 | 24.42 1.87 0.00 | 22.17 1.68 0.00 | 21.89 1.68 0.00 | 21.23 1.61 0.00 | 23.08 2.02 0.00 | 23.80 1.97 0.00 | 25.67 2.18 0.00 | 27.61 2.28 0.00 | 27.61 2.30 0.00 | 31.33 2.72 0.00 | 32.93 2.83 0.00 | 32.09 2.65 0.00 | 32.94 2.75 0.00 | 33.87 2.74 0.00 | 34.43 2.87 0.00 | 36.24 3.20 0.00 | 44.21 4.02 0.00 | 53.09 5.18 0.00 | 42.50 3.79 0.00 | 36.41 3.58 0.00 | 33.20 3.10 0.00 | 30.04 2.53 0.00 | 27.68 2.29 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 25.87 1.07 0.00 | 23.52 0.97 0.00 | 21.41 0.92 0.00 | 21.14 0.93 0.00 | 20.58 0.96 0.00 | 22.47 1.41 0.00 | 22.93 1.09 0.00 | 24.16 0.68 0.00 | 26.04 0.71 0.00 | 26.40 1.09 0.00 | 29.81 1.20 0.00 | 31.22 1.11 0.00 | 30.68 1.24 0.00 | 31.40 1.21 0.00 | 32.19 1.06 0.00 | 32.28 0.73 0.00 | 34.20 1.16 0.00 | 41.04 0.84 0.00 | 50.22 2.30 0.00 | 40.37 1.66 0.00 | 34.58 1.74 0.00 | 31.73 1.63 0.00 | 28.55 1.05 0.00 | 26.81 1.42 0.00 |
| ERIE_WT_PWR 323693 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.31 0.82 0.00 | 21.12 0.91 0.00 | 20.46 0.84 0.00 | 22.34 1.28 0.00 | 22.80 0.96 0.00 | 24.02 0.54 0.00 | 25.79 0.46 0.00 | 26.14 0.83 0.00 | 29.50 0.89 0.00 | 30.91 0.81 0.00 | 30.36 0.91 0.00 | 31.00 0.82 0.00 | 31.85 0.72 0.00 | 31.96 0.38 -0.02 | 33.83 0.79 0.00 | 41.88 1.69 0.00 | 49.59 1.68 0.00 | 39.91 1.20 0.00 | 34.18 1.35 0.00 | 31.40 1.29 0.00 | 28.55 1.04 0.00 | 26.71 1.32 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.84 0.63 0.00 | 20.23 0.61 0.00 | 21.78 0.72 0.00 | 22.58 0.74 0.00 | 24.40 0.92 0.00 | 26.40 1.06 0.00 | 26.37 1.06 0.00 | 29.84 1.23 0.00 | 31.43 1.32 0.00 | 30.71 1.27 0.00 | 31.52 1.33 0.00 | 32.47 1.34 0.00 | 32.97 1.42 0.00 | 34.59 1.55 0.00 | 42.24 2.05 0.00 | 50.55 2.64 0.00 | 40.64 1.94 0.00 | 34.58 1.74 0.00 | 31.61 1.51 0.00 | 28.69 1.18 0.00 | 26.33 0.94 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 25.74 0.94 0.00 | 23.39 0.83 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.37 0.75 0.00 | 21.99 0.93 0.00 | 22.73 0.90 0.00 | 24.35 0.87 0.00 | 26.22 0.89 0.00 | 26.25 0.94 0.00 | 29.73 1.12 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.69 1.14 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 50.12 2.20 0.00 | 40.37 1.66 0.00 | 34.38 1.54 0.00 | 31.43 1.32 0.00 | 28.55 1.05 0.00 | 26.43 1.04 0.00 |
| ETNA_____115KV_TB2 80207 | 25.74 0.94 0.00 | 23.39 0.83 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.37 0.75 0.00 | 21.99 0.93 0.00 | 22.73 0.90 0.00 | 24.35 0.87 0.00 | 26.22 0.89 0.00 | 26.25 0.94 0.00 | 29.73 1.12 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.31 1.12 0.00 | 32.25 1.12 0.00 | 32.69 1.14 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 50.12 2.20 0.00 | 40.37 1.66 0.00 | 34.38 1.54 0.00 | 31.43 1.32 0.00 | 28.55 1.05 0.00 | 26.43 1.04 0.00 |
| EUCLID___115KV_TB2 356179 | 24.80 0.00 0.00 | 22.53 -0.02 0.00 | 20.47 -0.02 0.00 | 20.19 -0.02 0.00 | 19.62 0.00 0.00 | 21.12 0.06 0.00 | 21.86 0.02 0.00 | 23.32 -0.16 0.00 | 25.11 -0.23 0.00 | 25.11 -0.20 0.00 | 28.38 -0.23 0.00 | 29.83 -0.27 0.00 | 29.18 -0.26 0.00 | 29.92 -0.27 0.00 | 30.82 -0.31 0.00 | 31.21 -0.35 0.00 | 32.74 -0.30 0.00 | 39.75 -0.44 0.00 | 47.58 -0.34 0.00 | 38.40 -0.31 0.00 | 32.64 -0.20 0.00 | 29.89 -0.21 0.00 | 27.26 -0.25 0.00 | 25.34 -0.05 0.00 |
| E_CANADA_CAP_HY 24051 | 25.35 0.54 0.00 | 23.09 0.54 0.00 | 20.96 0.47 0.00 | 20.66 0.44 0.00 | 20.09 0.47 0.00 | 21.54 0.48 0.00 | 22.36 0.52 0.00 | 24.21 0.73 0.00 | 26.30 0.96 0.00 | 26.25 0.94 0.00 | 29.67 1.06 0.00 | 31.27 1.17 0.00 | 30.62 1.18 0.00 | 31.46 1.27 0.00 | 32.38 1.25 0.00 | 33.06 1.39 -0.12 | 34.53 1.49 0.00 | 42.28 2.09 0.00 | 50.65 2.73 0.00 | 40.72 2.01 0.00 | 34.51 1.67 0.00 | 31.55 1.44 0.00 | 28.64 1.13 0.00 | 26.15 0.76 0.00 |
| E_CANADA_MHWK_HY 24050 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.37 0.88 0.00 | 21.10 0.89 0.00 | 20.48 0.86 0.00 | 22.03 0.97 0.00 | 22.82 0.98 0.00 | 24.56 1.08 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 29.87 1.26 0.00 | 31.40 1.29 0.00 | 30.68 1.24 0.00 | 31.46 1.27 0.00 | 32.44 1.31 0.00 | 32.88 1.33 0.00 | 34.39 1.36 0.00 | 41.80 1.61 0.00 | 49.79 1.87 0.00 | 40.10 1.39 0.00 | 34.05 1.22 0.00 | 31.15 1.05 0.00 | 28.44 0.94 0.00 | 26.23 0.84 0.00 |
| E_FISHKILL___LBMP 23776 | 25.97 1.17 0.00 | 23.63 1.08 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.54 0.92 0.00 | 21.92 0.86 0.00 | 22.78 0.94 0.00 | 24.77 1.29 0.00 | 26.88 1.55 0.00 | 26.78 1.47 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.27 1.83 0.00 | 32.09 1.90 0.00 | 33.16 2.02 0.00 | 33.61 2.05 0.00 | 35.02 1.98 0.00 | 42.64 2.45 0.00 | 50.79 2.88 0.00 | 41.07 2.36 0.00 | 34.67 1.84 0.00 | 31.91 1.81 0.00 | 29.18 1.68 0.00 | 26.64 1.24 0.00 |
| FALCON___SEABRD_CC1 323796 | 25.40 0.59 0.00 | 23.07 0.52 0.00 | 21.02 0.53 0.00 | 20.78 0.57 0.00 | 20.11 0.49 0.00 | 21.61 0.55 0.00 | 22.60 0.76 0.00 | 24.42 0.94 0.00 | 26.22 0.89 0.00 | 26.14 0.83 0.00 | 29.47 0.86 0.00 | 31.06 0.96 0.00 | 30.32 0.88 0.00 | 31.06 0.88 0.00 | 32.10 0.97 0.00 | 32.53 0.98 0.00 | 34.26 1.22 0.00 | 41.76 1.57 0.00 | 49.74 1.82 0.00 | 39.87 1.16 0.00 | 33.92 1.08 0.00 | 31.09 0.99 0.00 | 28.39 0.88 0.00 | 26.18 0.79 0.00 |
| FALCON___SEABRD_CC2 323797 | 25.40 0.59 0.00 | 23.07 0.52 0.00 | 21.02 0.53 0.00 | 20.78 0.57 0.00 | 20.11 0.49 0.00 | 21.61 0.55 0.00 | 22.60 0.76 0.00 | 24.42 0.94 0.00 | 26.22 0.89 0.00 | 26.14 0.83 0.00 | 29.47 0.86 0.00 | 31.06 0.96 0.00 | 30.32 0.88 0.00 | 31.06 0.88 0.00 | 32.10 0.97 0.00 | 32.53 0.98 0.00 | 34.26 1.22 0.00 | 41.76 1.57 0.00 | 49.74 1.82 0.00 | 39.87 1.16 0.00 | 33.92 1.08 0.00 | 31.09 0.99 0.00 | 28.39 0.88 0.00 | 26.18 0.79 0.00 |
| FAR ROCKAWAY___4 23548 | 28.40 1.96 -1.64 | 24.29 1.74 0.00 | 22.05 1.56 0.00 | 21.79 1.58 0.00 | 21.13 1.51 0.00 | 22.45 1.39 0.00 | 23.30 1.46 0.00 | 25.46 1.97 0.00 | 27.69 2.36 0.00 | 27.59 2.28 0.00 | 31.24 2.63 0.00 | 34.25 2.80 -1.35 | 34.24 2.77 -2.03 | 35.91 2.87 -2.85 | 36.13 2.99 -2.00 | 36.92 3.06 -2.30 | 40.28 3.01 -4.24 | 53.47 3.78 -9.50 | 57.36 4.50 -4.94 | 43.88 3.64 -1.54 | 38.50 2.96 -2.71 | 37.07 2.83 -4.14 | 37.08 2.61 -6.96 | 27.69 2.08 -0.22 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.62 2.18 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.29 2.25 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.97 1.57 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| FRESHKLS_33_KV_LOAD 356253 | 26.46 1.66 0.00 | 24.00 1.44 0.00 | 21.80 1.31 0.00 | 21.47 1.25 0.00 | 20.80 1.18 0.00 | 22.05 0.99 0.00 | 22.95 1.11 0.00 | 24.99 1.50 0.00 | 27.13 1.80 0.00 | 27.03 1.72 0.00 | 30.47 1.86 0.00 | 32.06 1.96 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.76 2.21 0.00 | 35.02 1.98 0.00 | 42.80 2.61 0.00 | 51.03 3.11 0.00 | 41.18 2.48 0.00 | 34.84 2.00 0.00 | 32.06 1.96 0.00 | 29.38 1.87 0.00 | 26.99 1.60 0.00 |
| FULTON COGEN____ 23766 | 24.65 -0.15 0.00 | 22.42 -0.14 0.00 | 20.35 -0.14 0.00 | 20.07 -0.14 0.00 | 19.50 -0.12 0.00 | 21.00 -0.06 0.00 | 21.73 -0.11 0.00 | 23.18 -0.31 0.00 | 24.95 -0.38 0.00 | 24.98 -0.33 0.00 | 28.21 -0.40 0.00 | 29.68 -0.42 0.00 | 29.00 -0.44 0.00 | 29.74 -0.45 0.00 | 30.63 -0.50 0.00 | 31.02 -0.54 0.00 | 32.54 -0.50 0.00 | 39.59 -0.60 0.00 | 47.34 -0.58 0.00 | 38.20 -0.50 0.00 | 32.47 -0.36 0.00 | 29.68 -0.42 0.00 | 27.09 -0.41 0.00 | 25.21 -0.18 0.00 |
| FULTON____LFGE 323630 | 26.07 1.26 0.00 | 23.72 1.17 0.00 | 21.57 1.09 0.00 | 21.22 1.01 0.00 | 20.68 1.06 0.00 | 22.13 1.07 0.00 | 23.01 1.18 0.00 | 24.99 1.50 0.00 | 27.33 2.00 0.00 | 27.26 1.95 0.00 | 30.76 2.15 0.00 | 32.57 2.47 0.00 | 31.92 2.47 0.00 | 32.85 2.66 0.00 | 33.71 2.58 0.00 | 34.41 2.74 -0.11 | 35.95 2.91 0.00 | 44.13 3.94 0.00 | 52.90 4.98 0.00 | 42.34 3.64 0.00 | 35.89 3.05 0.00 | 32.75 2.65 0.00 | 29.68 2.17 0.00 | 26.99 1.60 0.00 |
| G.F.CEMENT____DRP 24184 | 25.82 1.02 0.00 | 23.48 0.92 0.00 | 21.33 0.84 0.00 | 20.98 0.77 0.00 | 20.45 0.82 0.00 | 21.84 0.78 0.00 | 22.67 0.83 0.00 | 24.66 1.17 0.00 | 26.90 1.57 0.00 | 26.88 1.57 0.00 | 30.50 1.89 0.00 | 32.12 2.02 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.09 1.96 0.00 | 33.61 2.05 0.00 | 35.19 2.15 0.00 | 43.04 2.85 0.00 | 51.42 3.50 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.09 1.99 0.00 | 29.24 1.73 0.00 | 26.61 1.22 0.00 |
| GARDENVILLE____LBMP 24039 | 25.57 0.77 0.00 | 23.30 0.74 0.00 | 21.21 0.72 0.00 | 20.92 0.71 0.00 | 20.37 0.75 0.00 | 22.24 1.18 0.00 | 22.71 0.87 0.00 | 23.86 0.38 0.00 | 25.71 0.38 0.00 | 26.04 0.73 0.00 | 29.38 0.77 0.00 | 30.79 0.69 0.00 | 30.24 0.79 0.00 | 30.94 0.75 0.00 | 31.69 0.56 0.00 | 31.78 0.22 0.00 | 33.70 0.66 0.00 | 40.31 0.12 0.00 | 49.36 1.44 0.00 | 39.71 1.01 0.00 | 34.02 1.18 0.00 | 31.25 1.14 0.00 | 28.17 0.66 0.00 | 26.51 1.12 0.00 |
| GARDNVLA_35_KV_LD 355827 | 25.72 0.92 0.00 | 23.41 0.86 0.00 | 21.31 0.82 0.00 | 21.04 0.83 0.00 | 20.46 0.84 0.00 | 22.37 1.31 0.00 | 22.82 0.98 0.00 | 23.98 0.49 0.00 | 25.84 0.51 0.00 | 26.19 0.89 0.00 | 29.56 0.94 0.00 | 30.97 0.87 0.00 | 30.41 0.97 0.00 | 31.12 0.94 0.00 | 31.88 0.75 0.00 | 31.96 0.41 0.00 | 33.90 0.86 0.00 | 40.55 0.36 0.00 | 49.64 1.73 0.00 | 39.95 1.24 0.00 | 34.21 1.38 0.00 | 31.43 1.32 0.00 | 28.33 0.83 0.00 | 26.66 1.27 0.00 |
| GELCKHM__115KV_LOAD 80723 | 24.93 0.12 0.00 | 22.64 0.09 0.00 | 20.57 0.08 0.00 | 20.29 0.08 0.00 | 19.72 0.10 0.00 | 21.25 0.19 0.00 | 21.97 0.13 0.00 | 23.46 -0.02 0.00 | 25.26 -0.08 0.00 | 25.26 -0.05 0.00 | 28.58 -0.03 0.00 | 30.04 -0.06 0.00 | 29.38 -0.06 0.00 | 30.10 -0.09 0.00 | 31.04 -0.09 0.00 | 31.40 -0.16 0.00 | 32.97 -0.07 0.00 | 40.03 -0.16 0.00 | 47.97 0.05 0.00 | 38.67 -0.04 0.00 | 32.87 0.03 0.00 | 30.07 -0.03 0.00 | 27.42 -0.08 0.00 | 25.49 0.10 0.00 |
| GENERAL____MILLS 23808 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.29 0.80 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 22.32 1.26 0.00 | 22.80 0.96 0.00 | 23.95 0.47 0.00 | 25.81 0.48 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 30.88 0.78 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 31.82 0.68 0.00 | 31.90 0.35 0.00 | 33.83 0.79 0.00 | 40.47 0.28 0.00 | 49.55 1.63 0.00 | 39.87 1.16 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.25 0.74 0.00 | 26.61 1.22 0.00 |
| GE_PLASTICS____DRP 24183 | 25.42 0.62 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.72 0.51 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.34 0.50 0.00 | 24.23 0.75 0.00 | 26.25 0.91 0.00 | 26.17 0.86 0.00 | 29.67 1.06 0.00 | 31.25 1.14 0.00 | 30.59 1.15 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.88 1.33 0.00 | 34.33 1.29 0.00 | 41.80 1.61 0.00 | 49.74 1.82 0.00 | 40.26 1.55 0.00 | 34.02 1.18 0.00 | 31.19 1.08 0.00 | 28.52 1.02 0.00 | 26.08 0.69 0.00 |
| GILBOA____1 23756 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.45 0.61 0.00 | 24.23 0.75 0.00 | 26.27 0.94 0.00 | 26.25 0.94 0.00 | 29.73 1.11 0.00 | 31.27 1.17 0.00 | 30.62 1.18 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.96 1.33 -0.08 | 34.29 1.26 0.00 | 41.52 1.32 0.00 | 49.59 1.68 0.00 | 40.18 1.47 0.00 | 34.05 1.22 0.00 | 31.27 1.17 0.00 | 28.55 1.04 0.00 | 26.18 0.79 0.00 |
| GILBOA____2 23757 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.45 0.61 0.00 | 24.23 0.75 0.00 | 26.27 0.94 0.00 | 26.25 0.94 0.00 | 29.73 1.11 0.00 | 31.27 1.17 0.00 | 30.62 1.18 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.96 1.33 -0.08 | 34.29 1.26 0.00 | 41.52 1.32 0.00 | 49.59 1.68 0.00 | 40.18 1.47 0.00 | 34.05 1.22 0.00 | 31.27 1.17 0.00 | 28.55 1.04 0.00 | 26.18 0.79 0.00 |
| GILBOA____3 23758 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.45 0.61 0.00 | 24.23 0.75 0.00 | 26.27 0.94 0.00 | 26.25 0.94 0.00 | 29.73 1.11 0.00 | 31.27 1.17 0.00 | 30.62 1.18 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.96 1.33 -0.08 | 34.29 1.26 0.00 | 41.52 1.32 0.00 | 49.59 1.68 0.00 | 40.18 1.47 0.00 | 34.05 1.22 0.00 | 31.27 1.17 0.00 | 28.55 1.04 0.00 | 26.18 0.79 0.00 |
| GILBOA____4 23759 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.45 0.61 0.00 | 24.23 0.75 0.00 | 26.27 0.94 0.00 | 26.25 0.94 0.00 | 29.73 1.11 0.00 | 31.27 1.17 0.00 | 30.62 1.18 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.96 1.33 -0.08 | 34.29 1.26 0.00 | 41.52 1.32 0.00 | 49.59 1.68 0.00 | 40.18 1.47 0.00 | 34.05 1.22 0.00 | 31.27 1.17 0.00 | 28.55 1.04 0.00 | 26.18 0.79 0.00 |
| GILBOA____ 23599 | 25.55 0.74 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.82 0.61 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.45 0.61 0.00 | 24.28 0.80 0.00 | 26.30 0.96 0.00 | 26.25 0.94 0.00 | 29.73 1.12 0.00 | 31.28 1.17 0.00 | 30.62 1.18 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.88 1.33 0.00 | 34.30 1.26 0.00 | 41.72 1.53 0.00 | 49.60 1.68 0.00 | 40.18 1.47 0.00 | 34.05 1.21 0.00 | 31.28 1.17 0.00 | 28.58 1.07 0.00 | 26.18 0.79 0.00 |
| GINNA____ 23603 | 23.91 -0.89 0.00 | 21.67 -0.88 0.00 | 19.69 -0.80 0.00 | 19.49 -0.73 0.00 | 18.86 -0.77 0.00 | 20.45 -0.61 0.00 | 21.07 -0.76 0.00 | 22.38 -1.10 0.00 | 24.14 -1.19 0.00 | 24.30 -1.01 0.00 | 27.49 -1.12 0.00 | 28.93 -1.17 0.00 | 28.32 -1.12 0.00 | 28.89 -1.30 0.00 | 29.73 -1.40 0.00 | 30.00 -1.58 -0.02 | 31.65 -1.39 0.00 | 38.82 -1.37 0.00 | 46.34 -1.58 0.00 | 37.20 -1.51 0.00 | 31.65 -1.18 0.00 | 28.96 -1.14 0.00 | 26.41 -1.10 0.00 | 24.61 -0.79 0.00 |

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| GLEN PARK____ 23778 | 24.95 0.15 0.00 | 22.67 0.11 0.00 | 20.55 0.06 0.00 | 20.29 0.08 0.00 | 19.64 0.02 0.00 | 21.21 0.15 0.00 | 21.95 0.11 0.00 | 23.65 0.17 0.00 | 25.31 -0.03 0.00 | 25.26 -0.05 0.00 | 28.53 -0.09 0.00 | 29.98 -0.12 0.00 | 29.21 -0.24 0.00 | 30.01 -0.18 0.00 | 30.92 -0.22 0.00 | 31.47 -0.09 -0.01 | 33.17 0.13 0.00 | 40.71 0.52 0.00 | 48.64 0.72 0.00 | 39.02 0.31 0.00 | 33.36 0.52 0.00 | 30.46 0.36 0.00 | 27.73 0.22 0.00 | 25.59 0.20 0.00 |
| GLENDAL_27_KV_LOAD 356172 | 26.37 1.56 0.00 | 23.93 1.38 0.00 | 21.74 1.25 0.00 | 21.43 1.21 0.00 | 20.76 1.14 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.01 1.53 0.00 | 27.18 1.85 0.00 | 27.06 1.75 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.47 2.33 0.00 | 33.92 2.37 0.00 | 35.22 2.18 0.00 | 43.00 2.81 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.97 1.57 0.00 |
| GLENWOOD_IC_1_G5 23712 | 28.28 1.84 -1.64 | 24.15 1.60 0.00 | 21.92 1.43 0.00 | 21.69 1.48 0.00 | 21.01 1.39 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.34 1.86 0.00 | 27.56 2.23 0.00 | 27.43 2.13 0.00 | 31.13 2.52 0.00 | 34.13 2.68 -1.35 | 34.13 2.65 -2.03 | 35.79 2.75 -2.85 | 36.03 2.90 -2.00 | 36.79 2.93 -2.30 | 40.15 2.87 -4.24 | 53.31 3.62 -9.50 | 57.17 4.31 -4.94 | 43.69 3.44 -1.54 | 38.33 2.79 -2.71 | 36.92 2.68 -4.14 | 36.91 2.45 -6.96 | 27.54 1.93 -0.22 |
| GLENWOOD_IC_2_G1 23688 | 28.21 1.76 -1.65 | 24.15 1.60 0.00 | 21.94 1.45 0.00 | 21.55 1.33 -0.01 | 20.96 1.33 0.00 | 22.26 1.20 0.00 | 23.12 1.29 0.00 | 25.15 1.67 0.00 | 27.46 2.13 0.00 | 27.38 2.08 0.00 | 31.04 2.43 0.00 | 34.05 2.59 -1.36 | 34.02 2.53 -2.04 | 35.74 2.69 -2.86 | 35.95 2.80 -2.01 | 36.78 2.84 -2.38 | 40.06 2.78 -4.25 | 53.03 3.33 -9.51 | 56.98 4.12 -4.94 | 43.58 3.33 -1.54 | 38.21 2.66 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.47 1.85 -0.23 |
| GLENWOOD_IC_3_G1 23689 | 28.21 1.76 -1.65 | 24.15 1.60 0.00 | 21.94 1.45 0.00 | 21.55 1.33 -0.01 | 20.96 1.33 0.00 | 22.26 1.20 0.00 | 23.12 1.29 0.00 | 25.15 1.67 0.00 | 27.46 2.13 0.00 | 27.38 2.08 0.00 | 31.04 2.43 0.00 | 34.05 2.59 -1.36 | 34.02 2.53 -2.04 | 35.74 2.69 -2.86 | 35.95 2.80 -2.01 | 36.78 2.84 -2.38 | 40.06 2.78 -4.25 | 53.03 3.33 -9.51 | 56.98 4.12 -4.94 | 43.58 3.33 -1.54 | 38.21 2.66 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.47 1.85 -0.23 |
| GLENWOOD____4 23550 | 28.28 1.84 -1.64 | 24.15 1.60 0.00 | 21.92 1.43 0.00 | 21.69 1.48 0.00 | 21.01 1.39 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.34 1.86 0.00 | 27.56 2.23 0.00 | 27.43 2.13 0.00 | 31.13 2.52 0.00 | 34.13 2.68 -1.35 | 34.13 2.65 -2.03 | 35.79 2.75 -2.85 | 36.03 2.90 -2.00 | 36.79 2.93 -2.30 | 40.15 2.87 -4.24 | 53.31 3.62 -9.50 | 57.17 4.31 -4.94 | 43.69 3.44 -1.54 | 38.33 2.79 -2.71 | 36.92 2.68 -4.14 | 36.91 2.45 -6.96 | 27.54 1.93 -0.22 |
| GLENWOOD____5 23614 | 28.28 1.84 -1.64 | 24.15 1.60 0.00 | 21.92 1.43 0.00 | 21.69 1.48 0.00 | 21.01 1.39 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.34 1.86 0.00 | 27.56 2.23 0.00 | 27.43 2.13 0.00 | 31.13 2.52 0.00 | 34.13 2.68 -1.35 | 34.13 2.65 -2.03 | 35.79 2.75 -2.85 | 36.03 2.90 -2.00 | 36.79 2.93 -2.30 | 40.15 2.87 -4.24 | 53.31 3.62 -9.50 | 57.17 4.31 -4.94 | 43.69 3.44 -1.54 | 38.33 2.79 -2.71 | 36.92 2.68 -4.14 | 36.91 2.45 -6.96 | 27.54 1.93 -0.22 |
| GLOBAL GREEN_PORT_GT1 23814 | 29.92 3.47 -1.65 | 25.84 3.29 0.00 | 23.68 3.19 0.00 | 22.71 2.49 -0.01 | 22.35 2.73 0.00 | 22.74 1.69 0.00 | 23.52 1.68 0.00 | 25.90 2.42 0.00 | 28.53 3.19 0.00 | 28.34 3.04 0.00 | 32.45 3.84 0.00 | 35.68 4.21 -1.36 | 35.57 4.09 -2.04 | 37.19 4.14 -2.86 | 37.69 4.55 -2.01 | 38.51 4.57 -2.38 | 42.93 5.65 -4.25 | 55.97 6.27 -9.51 | 60.29 7.43 -4.94 | 46.52 6.27 -1.54 | 39.89 4.33 -2.72 | 38.34 4.09 -4.15 | 37.77 3.30 -6.97 | 28.74 3.12 -0.23 |
| GLOBE____DSASP 323697 | 24.60 -0.20 0.00 | 22.39 -0.16 0.00 | 20.55 0.06 0.00 | 20.13 -0.08 0.00 | 19.58 -0.04 0.00 | 21.42 0.36 0.00 | 21.88 0.04 0.00 | 22.87 -0.61 0.00 | 24.62 -0.71 0.00 | 24.95 -0.35 0.00 | 28.10 -0.52 0.00 | 29.47 -0.63 0.00 | 28.91 -0.53 0.00 | 29.59 -0.60 0.00 | 30.29 -0.84 0.00 | 30.36 -1.20 0.00 | 32.21 -0.83 0.00 | 38.38 -1.81 0.00 | 47.01 -0.91 0.00 | 37.86 -0.85 0.00 | 32.44 -0.39 0.00 | 29.83 -0.27 0.00 | 26.90 -0.61 0.00 | 25.47 0.08 0.00 |
| GOETHSLN____LBMP 323567 | 26.17 1.36 0.00 | 23.77 1.22 0.00 | 21.59 1.11 0.00 | 21.30 1.09 0.00 | 20.66 1.04 0.00 | 22.05 0.99 0.00 | 22.97 1.14 0.00 | 25.01 1.53 0.00 | 27.16 1.82 0.00 | 27.03 1.72 0.00 | 30.56 1.95 0.00 | 32.12 2.02 0.00 | 31.44 2.00 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.83 2.27 0.00 | 35.09 2.05 0.00 | 42.80 2.61 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.81 1.97 0.00 | 32.15 2.05 0.00 | 29.46 1.95 0.00 | 26.84 1.45 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 25.30 0.50 0.00 | 22.98 0.43 0.00 | 20.92 0.43 0.00 | 20.62 0.40 0.00 | 19.99 0.37 0.00 | 21.75 0.69 0.00 | 22.36 0.52 0.00 | 23.62 0.14 0.00 | 25.51 0.18 0.00 | 25.69 0.38 0.00 | 29.04 0.43 0.00 | 30.49 0.39 0.00 | 29.85 0.41 0.00 | 30.46 0.27 0.00 | 31.23 0.09 0.00 | 31.46 -0.09 0.00 | 33.37 0.33 0.00 | 40.11 -0.08 0.00 | 48.68 0.77 0.00 | 39.17 0.46 0.00 | 33.39 0.56 0.00 | 30.55 0.45 0.00 | 27.70 0.19 0.00 | 26.03 0.63 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 25.79 0.99 0.00 | 23.45 0.90 0.00 | 21.31 0.82 0.00 | 21.02 0.81 0.00 | 20.39 0.77 0.00 | 21.97 0.91 0.00 | 22.73 0.90 0.00 | 24.56 1.08 0.00 | 26.55 1.22 0.00 | 26.52 1.21 0.00 | 30.04 1.43 0.00 | 31.61 1.51 0.00 | 30.88 1.44 0.00 | 31.70 1.51 0.00 | 32.66 1.53 0.00 | 33.13 1.58 0.00 | 34.72 1.69 0.00 | 42.28 2.09 0.00 | 50.46 2.54 0.00 | 40.68 1.97 0.00 | 34.61 1.77 0.00 | 31.70 1.60 0.00 | 28.83 1.32 0.00 | 26.48 1.09 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 25.60 0.79 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.88 0.82 0.00 | 22.60 0.76 0.00 | 24.19 0.70 0.00 | 26.09 0.76 0.00 | 26.14 0.84 0.00 | 29.58 0.97 0.00 | 31.10 0.99 0.00 | 30.44 1.00 0.00 | 31.19 1.00 0.00 | 32.13 1.00 0.00 | 32.47 0.92 0.00 | 34.13 1.09 0.00 | 41.40 1.21 0.00 | 49.69 1.77 0.00 | 40.10 1.39 0.00 | 34.12 1.28 0.00 | 31.25 1.14 0.00 | 28.41 0.91 0.00 | 26.31 0.91 0.00 |
| GOUDEY____7 23579 | 25.62 0.82 0.00 | 23.30 0.74 0.00 | 21.16 0.68 0.00 | 20.88 0.67 0.00 | 20.29 0.67 0.00 | 21.90 0.84 0.00 | 22.62 0.79 0.00 | 24.21 0.73 0.00 | 26.12 0.79 0.00 | 26.17 0.86 0.00 | 29.61 1.00 0.00 | 31.16 1.05 0.00 | 30.47 1.03 0.00 | 31.22 1.03 0.00 | 32.16 1.03 0.00 | 32.50 0.95 0.00 | 34.16 1.12 0.00 | 41.44 1.25 0.00 | 49.79 1.87 0.00 | 40.14 1.43 0.00 | 34.15 1.31 0.00 | 31.28 1.17 0.00 | 28.44 0.94 0.00 | 26.33 0.94 0.00 |
| GOUDEY____8 23580 | 25.60 0.79 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.27 0.65 0.00 | 21.88 0.82 0.00 | 22.60 0.76 0.00 | 24.19 0.70 0.00 | 26.09 0.76 0.00 | 26.14 0.84 0.00 | 29.58 0.97 0.00 | 31.10 0.99 0.00 | 30.44 1.00 0.00 | 31.19 1.00 0.00 | 32.13 1.00 0.00 | 32.47 0.92 0.00 | 34.13 1.09 0.00 | 41.40 1.21 0.00 | 49.69 1.77 0.00 | 40.10 1.39 0.00 | 34.12 1.28 0.00 | 31.25 1.14 0.00 | 28.41 0.91 0.00 | 26.31 0.91 0.00 |

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| GOWANUS_GT1_1 24077 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_2 24078 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_3 24079 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_4 24080 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_5 24084 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_6 24111 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_7 24112 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT1_8 24113 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT2_1 24114 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_2 24115 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_3 24116 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_4 24117 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_5 24118 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_6 24119 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT2_7 24120 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |

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| GOWANUS_GT2_8 24121 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_1 24122 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_2 24123 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_3 24124 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_4 24125 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_5 24126 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_6 24127 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_7 24128 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT3_8 24129 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| GOWANUS_GT4_1 24130 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_2 24131 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_3 24132 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_4 24133 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_5 24134 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_6 24135 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_7 24136 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GOWANUS_GT4_8 24137 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GREENBSH_115KV_TB3 55895 | 25.30 0.50 0.00 | 23.05 0.50 0.00 | 20.92 0.43 0.00 | 20.62 0.40 0.00 | 20.07 0.45 0.00 | 21.46 0.40 0.00 | 22.27 0.44 0.00 | 24.21 0.73 0.00 | 26.19 0.86 0.00 | 26.14 0.84 0.00 | 29.64 1.03 0.00 | 31.25 1.14 0.00 | 30.56 1.12 0.00 | 31.40 1.21 0.00 | 32.38 1.25 0.00 | 32.85 1.29 0.00 | 34.33 1.29 0.00 | 41.80 1.61 0.00 | 49.74 1.82 0.00 | 40.22 1.51 0.00 | 33.95 1.12 0.00 | 31.16 1.05 0.00 | 28.50 0.99 0.00 | 26.00 0.61 0.00 |
| GREENDGE_115KV_TB5 80291 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.39 0.77 0.00 | 22.09 1.03 0.00 | 22.78 0.94 0.00 | 24.26 0.77 0.00 | 26.14 0.81 0.00 | 26.25 0.94 0.00 | 29.76 1.14 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.31 1.12 0.00 | 32.19 1.06 0.00 | 32.50 0.95 0.00 | 34.33 1.29 0.00 | 41.20 1.00 0.00 | 49.83 1.92 0.00 | 40.06 1.35 0.00 | 34.48 1.64 0.00 | 31.52 1.41 0.00 | 28.52 1.02 0.00 | 26.51 1.12 0.00 |
| GREENIDGE___3 23582 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.39 0.77 0.00 | 22.09 1.03 0.00 | 22.78 0.94 0.00 | 24.26 0.77 0.00 | 26.14 0.81 0.00 | 26.25 0.94 0.00 | 29.76 1.14 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.31 1.12 0.00 | 32.19 1.06 0.00 | 32.50 0.95 0.00 | 34.33 1.29 0.00 | 41.20 1.00 0.00 | 49.83 1.92 0.00 | 40.06 1.35 0.00 | 34.48 1.64 0.00 | 31.52 1.41 0.00 | 28.52 1.02 0.00 | 26.51 1.12 0.00 |
| GREENIDGE___4 23583 | 25.77 0.97 0.00 | 23.36 0.81 0.00 | 21.25 0.76 0.00 | 21.00 0.79 0.00 | 20.39 0.76 0.00 | 22.09 1.03 0.00 | 22.77 0.94 0.00 | 24.28 0.80 0.00 | 26.12 0.79 0.00 | 26.25 0.94 0.00 | 29.76 1.15 0.00 | 31.27 1.17 0.00 | 30.56 1.12 0.00 | 31.27 1.09 0.00 | 32.19 1.06 0.00 | 32.52 0.95 -0.02 | 34.33 1.29 0.00 | 41.76 1.57 0.00 | 49.84 1.92 0.00 | 40.06 1.35 0.00 | 34.48 1.64 0.00 | 31.52 1.42 0.00 | 28.64 1.13 0.00 | 26.56 1.17 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 28.38 1.93 -1.64 | 24.20 1.65 0.00 | 21.98 1.50 0.00 | 21.77 1.56 0.00 | 21.09 1.47 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.39 1.90 0.00 | 27.59 2.25 0.00 | 27.49 2.18 0.00 | 31.21 2.60 0.00 | 34.25 2.80 -1.35 | 34.21 2.74 -2.03 | 35.91 2.87 -2.85 | 36.16 3.02 -2.00 | 36.95 3.09 -2.30 | 40.35 3.07 -4.24 | 53.47 3.78 -9.50 | 57.36 4.50 -4.94 | 43.84 3.60 -1.54 | 38.40 2.86 -2.71 | 37.01 2.77 -4.14 | 36.97 2.50 -6.96 | 27.62 2.01 -0.22 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |
| GRISSOM___SOLAR 323813 | 26.07 1.26 0.00 | 23.72 1.17 0.00 | 21.57 1.09 0.00 | 21.22 1.01 0.00 | 20.68 1.06 0.00 | 22.13 1.07 0.00 | 23.01 1.18 0.00 | 24.99 1.50 0.00 | 27.33 2.00 0.00 | 27.26 1.95 0.00 | 30.76 2.15 0.00 | 32.57 2.47 0.00 | 31.92 2.47 0.00 | 32.85 2.66 0.00 | 33.71 2.58 0.00 | 34.41 2.74 -0.11 | 35.95 2.91 0.00 | 44.13 3.94 0.00 | 52.90 4.98 0.00 | 42.34 3.64 0.00 | 35.89 3.05 0.00 | 32.75 2.65 0.00 | 29.68 2.17 0.00 | 26.99 1.60 0.00 |
| GROVEVILLE___HYD 323602 | 26.09 1.29 0.00 | 23.70 1.15 0.00 | 21.51 1.02 0.00 | 21.22 1.01 0.00 | 20.58 0.96 0.00 | 22.01 0.95 0.00 | 22.93 1.09 0.00 | 24.94 1.46 0.00 | 26.95 1.62 0.00 | 26.88 1.57 0.00 | 30.47 1.86 0.00 | 32.03 1.93 0.00 | 31.36 1.91 0.00 | 32.21 2.02 0.00 | 33.34 2.21 0.00 | 33.83 2.27 0.00 | 35.32 2.28 0.00 | 42.92 2.73 0.00 | 51.03 3.11 0.00 | 41.30 2.59 0.00 | 34.87 2.04 0.00 | 32.03 1.93 0.00 | 29.35 1.84 0.00 | 26.79 1.40 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 25.15 0.35 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.19 0.35 0.00 | 23.69 0.21 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.46 0.27 0.00 | 31.38 0.25 0.00 | 31.78 0.22 0.00 | 33.37 0.33 0.00 | 40.51 0.32 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.73 0.22 0.00 | 25.75 0.36 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 25.30 0.50 0.00 | 22.98 0.43 0.00 | 20.88 0.39 0.00 | 20.60 0.38 0.00 | 20.01 0.39 0.00 | 21.59 0.53 0.00 | 22.32 0.48 0.00 | 23.84 0.35 0.00 | 25.69 0.35 0.00 | 25.74 0.43 0.00 | 29.13 0.52 0.00 | 30.64 0.54 0.00 | 29.94 0.50 0.00 | 30.70 0.51 0.00 | 31.60 0.47 0.00 | 32.00 0.44 0.00 | 33.63 0.59 0.00 | 40.79 0.60 0.00 | 48.97 1.05 0.00 | 39.44 0.74 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.95 0.44 0.00 | 25.95 0.56 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 24.51 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.95 -0.26 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.06 -0.42 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.71 -0.85 0.00 | 32.31 -0.73 0.00 | 39.47 -0.72 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.21 0.72 0.00 | 20.94 0.73 0.00 | 20.33 0.71 0.00 | 21.86 0.80 0.00 | 22.64 0.81 0.00 | 24.38 0.89 0.00 | 26.30 0.96 0.00 | 26.25 0.94 0.00 | 29.64 1.03 0.00 | 31.13 1.02 0.00 | 30.41 0.97 0.00 | 31.18 0.99 0.00 | 32.16 1.03 0.00 | 32.60 1.04 0.00 | 34.06 1.03 0.00 | 41.40 1.20 0.00 | 49.26 1.34 0.00 | 39.67 0.97 0.00 | 33.66 0.82 0.00 | 30.82 0.72 0.00 | 28.14 0.63 0.00 | 25.95 0.56 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 25.97 1.17 0.00 | 23.63 1.08 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.94 0.88 0.00 | 22.86 1.03 0.00 | 24.80 1.32 0.00 | 26.83 1.49 0.00 | 26.75 1.44 0.00 | 30.30 1.69 0.00 | 31.85 1.75 0.00 | 31.18 1.74 0.00 | 32.03 1.84 0.00 | 33.12 1.99 0.00 | 33.61 2.05 0.00 | 35.09 2.05 0.00 | 42.64 2.45 0.00 | 50.75 2.83 0.00 | 41.03 2.32 0.00 | 34.67 1.84 0.00 | 31.88 1.78 0.00 | 29.18 1.68 0.00 | 26.66 1.27 0.00 |

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| HARSNRAD_115KV_TB1 81005 | 25.20 0.40 0.00 | 22.96 0.41 0.00 | 20.86 0.37 0.00 | 20.64 0.42 0.00 | 20.09 0.47 0.00 | 21.97 0.91 0.00 | 22.34 0.50 0.00 | 23.39 -0.09 0.00 | 25.21 -0.13 0.00 | 25.54 0.23 0.00 | 28.78 0.17 0.00 | 30.16 0.06 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.04 -0.09 0.00 | 31.11 -0.44 0.00 | 33.01 -0.03 0.00 | 39.39 -0.80 0.00 | 48.30 0.38 0.00 | 38.86 0.15 0.00 | 33.33 0.49 0.00 | 30.61 0.51 0.00 | 27.59 0.08 0.00 | 26.08 0.69 0.00 |
| HARZA MOOSE__RIVER 24016 | 25.12 0.32 0.00 | 22.85 0.29 0.00 | 20.73 0.25 0.00 | 20.46 0.24 0.00 | 19.82 0.20 0.00 | 21.35 0.29 0.00 | 22.12 0.28 0.00 | 23.81 0.33 0.00 | 25.64 0.30 0.00 | 25.59 0.28 0.00 | 28.95 0.34 0.00 | 30.43 0.33 0.00 | 29.71 0.26 0.00 | 30.49 0.30 0.00 | 31.44 0.31 0.00 | 31.93 0.38 0.00 | 33.54 0.50 0.00 | 40.95 0.76 0.00 | 48.88 0.96 0.00 | 39.33 0.62 0.00 | 33.52 0.69 0.00 | 30.67 0.57 0.00 | 27.95 0.44 0.00 | 25.77 0.38 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 24.95 0.15 0.00 | 22.66 0.11 0.00 | 20.59 0.10 0.00 | 20.31 0.10 0.00 | 19.74 0.12 0.00 | 21.25 0.19 0.00 | 21.99 0.15 0.00 | 23.46 -0.02 0.00 | 25.26 -0.08 0.00 | 25.26 -0.05 0.00 | 28.55 -0.06 0.00 | 30.01 -0.09 0.00 | 29.35 -0.09 0.00 | 30.10 -0.09 0.00 | 31.01 -0.12 0.00 | 31.40 -0.16 0.00 | 32.94 -0.10 0.00 | 40.03 -0.16 0.00 | 47.92 0.00 0.00 | 38.67 -0.04 0.00 | 32.87 0.03 0.00 | 30.07 -0.03 0.00 | 27.40 -0.11 0.00 | 25.47 0.08 0.00 |
| HELLGATE_13_KV_LD 55870 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.76 2.21 0.00 | 35.09 2.05 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.01 0.95 0.00 | 22.88 1.05 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.28 2.15 0.00 | 33.76 2.21 0.00 | 35.09 2.05 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.77 1.94 0.00 | 32.09 1.99 0.00 | 29.38 1.87 0.00 | 26.87 1.47 0.00 |
| HEMPSTEAD____ 23647 | 28.16 1.71 -1.65 | 24.13 1.58 0.00 | 21.90 1.41 0.00 | 21.52 1.29 -0.01 | 20.92 1.29 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.41 2.08 0.00 | 27.33 2.03 0.00 | 30.98 2.37 0.00 | 34.02 2.56 -1.36 | 33.98 2.50 -2.04 | 35.71 2.66 -2.86 | 35.88 2.74 -2.01 | 36.75 2.81 -2.38 | 40.03 2.74 -4.25 | 53.00 3.30 -9.51 | 56.93 4.07 -4.94 | 43.54 3.29 -1.54 | 38.18 2.63 -2.72 | 36.78 2.53 -4.15 | 36.73 2.26 -6.97 | 27.42 1.80 -0.23 |
| HEWLETT__69_KV_BK3 55828 | 28.30 1.86 -1.64 | 24.20 1.65 0.00 | 21.96 1.48 0.00 | 21.71 1.50 0.00 | 21.03 1.41 0.00 | 22.37 1.31 0.00 | 23.21 1.38 0.00 | 25.36 1.88 0.00 | 27.59 2.25 0.00 | 27.46 2.15 0.00 | 31.13 2.52 0.00 | 34.10 2.65 -1.35 | 34.10 2.62 -2.03 | 35.76 2.72 -2.85 | 36.00 2.86 -2.00 | 36.76 2.90 -2.30 | 40.12 2.84 -4.24 | 53.27 3.58 -9.50 | 57.12 4.26 -4.94 | 43.69 3.44 -1.54 | 38.30 2.76 -2.71 | 36.89 2.65 -4.14 | 36.94 2.48 -6.96 | 27.59 1.98 -0.22 |
| HICKLING__1 23621 | 25.97 1.17 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.18 0.97 0.00 | 20.60 0.98 0.00 | 22.32 1.26 0.00 | 22.97 1.14 0.00 | 24.49 1.01 0.00 | 26.37 1.04 0.00 | 26.50 1.19 0.00 | 30.04 1.43 0.00 | 31.55 1.44 0.00 | 30.88 1.44 0.00 | 31.61 1.42 0.00 | 32.50 1.37 0.00 | 32.78 1.23 0.00 | 34.63 1.59 0.00 | 41.80 1.61 0.00 | 50.55 2.64 0.00 | 40.72 2.01 0.00 | 34.77 1.94 0.00 | 31.85 1.75 0.00 | 28.83 1.32 0.00 | 26.76 1.37 0.00 |
| HICKLING__2 23622 | 25.97 1.17 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.18 0.97 0.00 | 20.60 0.98 0.00 | 22.32 1.26 0.00 | 22.97 1.14 0.00 | 24.49 1.01 0.00 | 26.37 1.04 0.00 | 26.50 1.19 0.00 | 30.04 1.43 0.00 | 31.55 1.44 0.00 | 30.88 1.44 0.00 | 31.61 1.42 0.00 | 32.50 1.37 0.00 | 32.78 1.23 0.00 | 34.63 1.59 0.00 | 41.80 1.61 0.00 | 50.55 2.64 0.00 | 40.72 2.01 0.00 | 34.77 1.94 0.00 | 31.85 1.75 0.00 | 28.83 1.32 0.00 | 26.76 1.37 0.00 |
| HIGH FALLS__HY 23754 | 26.09 1.29 0.00 | 23.72 1.17 0.00 | 21.53 1.04 0.00 | 21.24 1.03 0.00 | 20.58 0.96 0.00 | 22.03 0.97 0.00 | 22.99 1.16 0.00 | 24.96 1.48 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.39 1.77 0.00 | 31.88 1.78 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.25 2.12 0.00 | 33.73 2.18 0.00 | 35.29 2.25 0.00 | 42.80 2.61 0.00 | 50.89 2.97 0.00 | 41.15 2.44 0.00 | 34.81 1.97 0.00 | 31.97 1.87 0.00 | 29.32 1.82 0.00 | 26.81 1.42 0.00 |
| HILLBURN__GT 23639 | 25.97 1.17 0.00 | 23.68 1.13 0.00 | 21.51 1.02 0.00 | 21.18 0.97 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.70 1.22 0.00 | 26.85 1.52 0.00 | 26.78 1.47 0.00 | 30.30 1.69 0.00 | 31.88 1.78 0.00 | 31.21 1.77 0.00 | 32.06 1.87 0.00 | 33.09 1.96 0.00 | 33.65 2.02 -0.07 | 35.02 1.98 0.00 | 42.44 2.25 0.00 | 50.79 2.87 0.00 | 41.07 2.36 0.00 | 34.71 1.87 0.00 | 31.91 1.81 0.00 | 29.13 1.62 0.00 | 26.64 1.24 0.00 |
| HILLSIDE_115KV_TB1 80332 | 25.62 0.82 0.00 | 23.30 0.74 0.00 | 21.19 0.70 0.00 | 20.90 0.69 0.00 | 20.33 0.71 0.00 | 22.01 0.95 0.00 | 22.67 0.83 0.00 | 24.19 0.70 0.00 | 26.04 0.71 0.00 | 26.17 0.86 0.00 | 29.64 1.03 0.00 | 31.13 1.02 0.00 | 30.47 1.03 0.00 | 31.22 1.03 0.00 | 32.10 0.97 0.00 | 32.37 0.82 0.00 | 34.13 1.09 0.00 | 41.24 1.04 0.00 | 49.83 1.92 0.00 | 40.14 1.43 0.00 | 34.25 1.41 0.00 | 31.40 1.29 0.00 | 28.44 0.94 0.00 | 26.41 1.02 0.00 |
| HISHELDN_WT_PWR 323625 | 25.62 0.82 0.00 | 23.25 0.70 0.00 | 21.21 0.72 0.00 | 21.00 0.79 0.00 | 20.37 0.75 0.00 | 22.20 1.14 0.00 | 22.69 0.85 0.00 | 23.93 0.45 0.00 | 25.71 0.38 0.00 | 26.02 0.71 0.00 | 29.35 0.74 0.00 | 30.79 0.69 0.00 | 30.21 0.76 0.00 | 30.85 0.66 0.00 | 31.69 0.56 0.00 | 31.83 0.25 -0.02 | 33.70 0.66 0.00 | 41.60 1.41 0.00 | 49.35 1.44 0.00 | 39.71 1.00 0.00 | 34.02 1.18 0.00 | 31.25 1.14 0.00 | 28.41 0.91 0.00 | 26.56 1.17 0.00 |
| HOLTSVILLE_IC_1 23690 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| HOLTSVILLE_IC_10 23699 | 29.13 2.68 -1.65 | 25.10 2.55 0.00 | 22.97 2.48 0.00 | 22.08 1.86 -0.01 | 21.70 2.08 0.00 | 22.20 1.14 0.00 | 22.97 1.13 0.00 | 25.27 1.78 0.00 | 27.77 2.43 0.00 | 27.61 2.30 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.25 3.20 -2.86 | 36.69 3.55 -2.01 | 37.53 3.60 -2.38 | 41.58 4.29 -4.25 | 54.40 4.70 -9.51 | 58.47 5.60 -4.94 | 45.01 4.76 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.06 2.58 -6.97 | 28.03 2.41 -0.23 |

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| HOLTSVILLE_IC_2 23691 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| HOLTSVILLE_IC_3 23692 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| HOLTSVILLE_IC_4 23693 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| HOLTSVILLE_IC_5 23694 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| HOLTSVILLE_IC_6 23695 | 29.13 2.68 -1.65 | 25.10 2.55 0.00 | 22.97 2.48 0.00 | 22.08 1.86 -0.01 | 21.70 2.08 0.00 | 22.20 1.14 0.00 | 22.97 1.13 0.00 | 25.27 1.78 0.00 | 27.77 2.43 0.00 | 27.61 2.30 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.25 3.20 -2.86 | 36.69 3.55 -2.01 | 37.53 3.60 -2.38 | 41.58 4.29 -4.25 | 54.40 4.70 -9.51 | 58.47 5.60 -4.94 | 45.01 4.76 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.06 2.58 -6.97 | 28.03 2.41 -0.23 |
| HOLTSVILLE_IC_7 23696 | 29.13 2.68 -1.65 | 25.10 2.55 0.00 | 22.97 2.48 0.00 | 22.08 1.86 -0.01 | 21.70 2.08 0.00 | 22.20 1.14 0.00 | 22.97 1.13 0.00 | 25.27 1.78 0.00 | 27.77 2.43 0.00 | 27.61 2.30 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.25 3.20 -2.86 | 36.69 3.55 -2.01 | 37.53 3.60 -2.38 | 41.58 4.29 -4.25 | 54.40 4.70 -9.51 | 58.47 5.60 -4.94 | 45.01 4.76 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.06 2.58 -6.97 | 28.03 2.41 -0.23 |
| HOLTSVILLE_IC_8 23697 | 29.13 2.68 -1.65 | 25.10 2.55 0.00 | 22.97 2.48 0.00 | 22.08 1.86 -0.01 | 21.70 2.08 0.00 | 22.20 1.14 0.00 | 22.97 1.13 0.00 | 25.27 1.78 0.00 | 27.77 2.43 0.00 | 27.61 2.30 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.25 3.20 -2.86 | 36.69 3.55 -2.01 | 37.53 3.60 -2.38 | 41.58 4.29 -4.25 | 54.40 4.70 -9.51 | 58.47 5.60 -4.94 | 45.01 4.76 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.06 2.58 -6.97 | 28.03 2.41 -0.23 |
| HOLTSVILLE_IC_9 23698 | 29.13 2.68 -1.65 | 25.10 2.55 0.00 | 22.97 2.48 0.00 | 22.08 1.86 -0.01 | 21.70 2.08 0.00 | 22.20 1.14 0.00 | 22.97 1.13 0.00 | 25.27 1.78 0.00 | 27.77 2.43 0.00 | 27.61 2.30 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.25 3.20 -2.86 | 36.69 3.55 -2.01 | 37.53 3.60 -2.38 | 41.58 4.29 -4.25 | 54.40 4.70 -9.51 | 58.47 5.60 -4.94 | 45.01 4.76 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.06 2.58 -6.97 | 28.03 2.41 -0.23 |
| HOMER_HL_115KV_TB2 355744 | 25.99 1.19 0.00 | 23.63 1.08 0.00 | 21.53 1.04 0.00 | 21.26 1.05 0.00 | 20.68 1.06 0.00 | 22.55 1.50 0.00 | 23.08 1.24 0.00 | 24.47 0.99 0.00 | 26.35 1.01 0.00 | 26.65 1.34 0.00 | 30.10 1.49 0.00 | 31.52 1.41 0.00 | 30.94 1.50 0.00 | 31.67 1.48 0.00 | 32.50 1.37 0.00 | 32.60 1.04 0.00 | 34.53 1.49 0.00 | 41.52 1.33 0.00 | 50.75 2.83 0.00 | 40.84 2.13 0.00 | 34.94 2.10 0.00 | 32.06 1.96 0.00 | 28.85 1.35 0.00 | 26.97 1.57 0.00 |
| HOWARD_WT_PWR 323690 | 26.29 1.49 0.00 | 23.86 1.31 0.00 | 21.72 1.23 0.00 | 21.49 1.27 0.00 | 20.86 1.24 0.00 | 22.68 1.62 0.00 | 23.25 1.42 0.00 | 24.68 1.20 0.00 | 26.55 1.22 0.00 | 26.75 1.44 0.00 | 30.30 1.69 0.00 | 31.79 1.68 0.00 | 31.12 1.68 0.00 | 31.85 1.66 0.00 | 32.75 1.62 0.00 | 32.97 1.39 -0.02 | 34.89 1.85 0.00 | 42.96 2.77 0.00 | 51.22 3.30 0.00 | 41.19 2.48 0.00 | 35.27 2.43 0.00 | 32.27 2.17 0.00 | 29.29 1.79 0.00 | 27.20 1.80 0.00 |
| HQ_GEN_CEDARS 23644 | 24.55 -0.25 0.00 | 22.30 -0.25 0.00 | 20.28 -0.20 0.00 | 20.01 -0.20 0.00 | 19.37 -0.26 0.00 | 20.70 -0.36 0.00 | 21.57 -0.26 0.00 | 23.25 -0.23 0.00 | 24.95 -0.38 0.00 | 24.93 -0.38 0.00 | 28.15 -0.46 0.00 | 29.62 -0.48 0.00 | 28.97 -0.47 0.00 | 29.65 -0.54 0.00 | 30.60 -0.53 0.00 | 31.02 -0.54 0.00 | 32.54 -0.50 0.00 | 39.67 -0.52 0.00 | 47.20 -0.72 0.00 | 38.01 -0.70 0.00 | 32.34 -0.49 0.00 | 29.71 -0.39 0.00 | 27.26 -0.25 0.00 | 25.16 -0.23 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 24.55 -0.25 0.00 | 22.30 -0.25 0.00 | 20.28 -0.20 0.00 | 20.01 -0.20 0.00 | 19.37 -0.26 0.00 | 20.70 -0.36 0.00 | 21.58 -0.26 0.00 | 23.25 -0.23 0.00 | 24.95 -0.38 0.00 | 24.93 -0.38 0.00 | 28.15 -0.46 0.00 | 29.62 -0.48 0.00 | 28.97 -0.47 0.00 | 29.65 -0.54 0.00 | 30.60 -0.53 0.00 | 31.02 -0.54 0.00 | 32.54 -0.49 0.00 | 39.63 -0.56 0.00 | 47.20 -0.72 0.00 | 38.01 -0.70 0.00 | 32.34 -0.49 0.00 | 29.71 -0.39 0.00 | 27.26 -0.25 0.00 | 25.16 -0.23 0.00 |
| HQ_GEN_IMPORT 323601 | 24.51 -0.30 0.00 | 22.28 -0.27 0.00 | 20.24 -0.24 0.00 | 19.97 -0.24 0.00 | 19.37 -0.26 0.00 | 20.79 -0.27 0.00 | 21.58 -0.26 0.00 | 23.23 -0.26 0.00 | 25.03 -0.30 0.00 | 25.01 -0.30 0.00 | 28.27 -0.34 0.00 | 29.74 -0.36 0.00 | 29.09 -0.35 0.00 | 29.80 -0.39 0.00 | 30.73 -0.41 0.00 | 31.14 -0.41 0.00 | 32.64 -0.39 0.00 | 39.71 -0.48 0.00 | 47.29 -0.62 0.00 | 38.20 -0.50 0.00 | 32.41 -0.43 0.00 | 29.74 -0.36 0.00 | 27.18 -0.33 0.00 | 25.09 -0.30 0.00 |
| HQ_GEN_WHEEL 23651 | 24.51 -0.30 0.00 | 22.28 -0.27 0.00 | 20.24 -0.24 0.00 | 19.97 -0.24 0.00 | 19.37 -0.26 0.00 | 20.79 -0.27 0.00 | 21.58 -0.26 0.00 | 23.23 -0.26 0.00 | 25.03 -0.30 0.00 | 25.01 -0.30 0.00 | 28.27 -0.34 0.00 | 29.74 -0.36 0.00 | 29.09 -0.35 0.00 | 29.80 -0.39 0.00 | 30.73 -0.41 0.00 | 31.14 -0.41 0.00 | 32.64 -0.39 0.00 | 39.71 -0.48 0.00 | 47.29 -0.62 0.00 | 38.20 -0.50 0.00 | 32.41 -0.43 0.00 | 29.74 -0.36 0.00 | 27.18 -0.33 0.00 | 25.09 -0.30 0.00 |
| HUDSON_AVE_GT_3 23810 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.62 2.18 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.32 2.28 0.00 | 43.09 2.89 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.99 1.60 0.00 |

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| HUDSON AVE_GT_4 23540 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.62 2.18 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.32 2.28 0.00 | 43.09 2.89 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.99 1.60 0.00 |
| HUDSON AVE_GT_5 23657 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.62 2.18 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.32 2.28 0.00 | 43.09 2.89 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.99 1.60 0.00 |
| HUDSON_AVE_10 24168 | 26.29 1.49 0.00 | 23.88 1.33 0.00 | 21.70 1.21 0.00 | 21.38 1.17 0.00 | 20.74 1.12 0.00 | 22.15 1.10 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.65 2.21 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 33.98 2.43 0.00 | 35.29 2.25 0.00 | 43.09 2.89 0.00 | 51.37 3.45 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.36 2.26 0.00 | 29.60 2.09 0.00 | 26.97 1.57 0.00 |
| HUDSON___115KV_TB 4 355613 | 25.47 0.67 0.00 | 23.16 0.61 0.00 | 21.02 0.53 0.00 | 20.72 0.51 0.00 | 20.17 0.55 0.00 | 21.56 0.51 0.00 | 22.43 0.59 0.00 | 24.40 0.92 0.00 | 26.37 1.04 0.00 | 26.27 0.96 0.00 | 29.81 1.20 0.00 | 31.37 1.26 0.00 | 30.71 1.27 0.00 | 31.58 1.39 0.00 | 32.60 1.46 0.00 | 33.10 1.55 0.00 | 34.72 1.69 0.00 | 42.24 2.05 0.00 | 50.22 2.30 0.00 | 40.60 1.90 0.00 | 34.28 1.44 0.00 | 31.40 1.29 0.00 | 28.72 1.21 0.00 | 26.20 0.81 0.00 |
| HUNTER MOUNT___DRP 323613 | 25.47 0.67 0.00 | 23.16 0.61 0.00 | 21.00 0.51 0.00 | 20.70 0.49 0.00 | 20.17 0.55 0.00 | 21.56 0.51 0.00 | 22.47 0.63 0.00 | 24.42 0.94 0.00 | 26.35 1.01 0.00 | 26.27 0.96 0.00 | 29.81 1.20 0.00 | 31.34 1.23 0.00 | 30.71 1.27 0.00 | 31.55 1.36 0.00 | 32.63 1.49 0.00 | 33.16 1.61 0.00 | 34.86 1.82 0.00 | 42.36 2.17 0.00 | 50.31 2.40 0.00 | 40.64 1.94 0.00 | 34.31 1.48 0.00 | 31.40 1.29 0.00 | 28.77 1.27 0.00 | 26.23 0.84 0.00 |
| HUNTINGTON_RES_REC 323705 | 28.63 2.18 -1.65 | 24.58 2.03 0.00 | 22.37 1.88 0.00 | 21.78 1.56 -0.01 | 21.27 1.65 0.00 | 22.28 1.22 0.00 | 23.10 1.27 0.00 | 25.25 1.76 0.00 | 27.66 2.33 0.00 | 27.54 2.23 0.00 | 31.36 2.75 0.00 | 34.41 2.95 -1.36 | 34.40 2.92 -2.04 | 36.07 3.02 -2.86 | 36.38 3.24 -2.01 | 37.22 3.28 -2.38 | 40.79 3.50 -4.25 | 53.76 4.06 -9.51 | 57.80 4.94 -4.94 | 44.28 4.03 -1.54 | 38.57 3.02 -2.72 | 37.20 2.95 -4.15 | 36.98 2.50 -6.97 | 27.75 2.13 -0.23 |
| HUNTLEY___63 23557 | 25.37 0.57 0.00 | 23.12 0.56 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 22.09 1.03 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.43 -0.13 0.00 | 33.34 0.30 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.25 0.54 0.00 | 33.62 0.79 0.00 | 30.91 0.81 0.00 | 27.84 0.33 0.00 | 26.31 0.91 0.00 |
| HUNTLEY___64 23558 | 25.37 0.57 0.00 | 23.12 0.56 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 22.09 1.03 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.43 -0.13 0.00 | 33.34 0.30 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.25 0.54 0.00 | 33.62 0.79 0.00 | 30.91 0.81 0.00 | 27.84 0.33 0.00 | 26.31 0.91 0.00 |
| HUNTLEY___65 23559 | 25.37 0.57 0.00 | 23.12 0.56 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 22.09 1.03 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.43 -0.13 0.00 | 33.34 0.30 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.25 0.54 0.00 | 33.62 0.79 0.00 | 30.91 0.81 0.00 | 27.84 0.33 0.00 | 26.31 0.91 0.00 |
| HUNTLEY___66 23560 | 25.37 0.57 0.00 | 23.12 0.56 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 22.09 1.03 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.43 -0.13 0.00 | 33.34 0.30 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.25 0.54 0.00 | 33.62 0.79 0.00 | 30.91 0.81 0.00 | 27.84 0.33 0.00 | 26.31 0.91 0.00 |
| HUNTLEY___67 23561 | 25.27 0.47 0.00 | 23.00 0.45 0.00 | 20.96 0.47 0.00 | 20.68 0.46 0.00 | 20.13 0.51 0.00 | 21.99 0.93 0.00 | 22.45 0.61 0.00 | 23.53 0.05 0.00 | 25.36 0.03 0.00 | 25.69 0.38 0.00 | 28.95 0.34 0.00 | 30.34 0.24 0.00 | 29.80 0.35 0.00 | 30.49 0.30 0.00 | 31.23 0.09 0.00 | 31.33 -0.22 0.00 | 33.20 0.17 0.00 | 39.67 -0.52 0.00 | 48.54 0.62 0.00 | 39.09 0.39 0.00 | 33.49 0.66 0.00 | 30.76 0.66 0.00 | 27.75 0.25 0.00 | 26.18 0.79 0.00 |
| HUNTLEY___68 23562 | 25.27 0.47 0.00 | 23.00 0.45 0.00 | 20.96 0.47 0.00 | 20.68 0.46 0.00 | 20.13 0.51 0.00 | 21.99 0.93 0.00 | 22.45 0.61 0.00 | 23.53 0.05 0.00 | 25.36 0.03 0.00 | 25.69 0.38 0.00 | 28.95 0.34 0.00 | 30.34 0.24 0.00 | 29.80 0.35 0.00 | 30.49 0.30 0.00 | 31.23 0.09 0.00 | 31.33 -0.22 0.00 | 33.20 0.17 0.00 | 39.67 -0.52 0.00 | 48.54 0.62 0.00 | 39.09 0.39 0.00 | 33.49 0.66 0.00 | 30.76 0.66 0.00 | 27.75 0.25 0.00 | 26.18 0.79 0.00 |
| HYLAND___LFGE 323620 | 26.51 1.71 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.57 1.35 0.00 | 20.88 1.26 0.00 | 22.70 1.64 0.00 | 23.36 1.53 0.00 | 24.82 1.34 0.00 | 26.70 1.37 0.00 | 26.70 1.39 0.00 | 30.16 1.54 0.00 | 31.58 1.47 0.00 | 30.86 1.41 0.00 | 31.55 1.36 0.00 | 32.44 1.31 0.00 | 32.77 1.20 -0.02 | 34.92 1.88 0.00 | 43.37 3.17 0.00 | 52.18 4.26 0.00 | 41.76 3.06 0.00 | 35.59 2.76 0.00 | 32.48 2.38 0.00 | 29.49 1.98 0.00 | 27.37 1.98 0.00 |
| INDECK___CORINTH 23802 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.23 0.74 0.00 | 20.86 0.65 0.00 | 20.35 0.73 0.00 | 21.73 0.67 0.00 | 22.56 0.72 0.00 | 24.49 1.01 0.00 | 26.75 1.42 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 32.91 1.77 0.00 | 33.51 1.86 -0.10 | 34.99 1.95 0.00 | 42.68 2.49 0.00 | 51.13 3.21 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.07 1.57 0.00 | 26.48 1.09 0.00 |
| INDECK___ILION 23567 | 25.32 0.52 0.00 | 23.03 0.47 0.00 | 20.92 0.43 0.00 | 20.64 0.42 0.00 | 20.05 0.43 0.00 | 21.54 0.48 0.00 | 22.32 0.48 0.00 | 24.02 0.54 0.00 | 25.92 0.58 0.00 | 25.89 0.58 0.00 | 29.27 0.66 0.00 | 30.76 0.66 0.00 | 30.09 0.65 0.00 | 30.85 0.66 0.00 | 31.82 0.68 0.00 | 32.28 0.73 0.00 | 33.77 0.73 0.00 | 41.08 0.88 0.00 | 48.92 1.01 0.00 | 39.48 0.77 0.00 | 33.49 0.66 0.00 | 30.70 0.60 0.00 | 28.00 0.50 0.00 | 25.85 0.46 0.00 |

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| INDECK___OLEAN 23982 | 26.04 1.24 0.00 | 23.63 1.08 0.00 | 21.55 1.06 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.55 1.50 0.00 | 23.08 1.24 0.00 | 24.47 0.99 0.00 | 26.32 0.99 0.00 | 26.65 1.34 0.00 | 30.10 1.49 0.00 | 31.52 1.42 0.00 | 30.94 1.50 0.00 | 31.61 1.42 0.00 | 32.50 1.37 0.00 | 32.62 1.04 -0.02 | 34.53 1.49 0.00 | 42.72 2.53 0.00 | 50.74 2.83 0.00 | 40.83 2.13 0.00 | 34.94 2.10 0.00 | 32.06 1.96 0.00 | 29.10 1.59 0.00 | 27.04 1.65 0.00 |
| INDECK___OSWEGO 23783 | 24.46 -0.35 0.00 | 22.21 -0.34 0.00 | 20.18 -0.31 0.00 | 19.93 -0.28 0.00 | 19.35 -0.27 0.00 | 20.81 -0.25 0.00 | 21.55 -0.28 0.00 | 23.01 -0.47 0.00 | 24.75 -0.58 0.00 | 24.73 -0.58 0.00 | 27.92 -0.69 0.00 | 29.35 -0.75 0.00 | 28.68 -0.77 0.00 | 29.40 -0.79 0.00 | 30.32 -0.81 0.00 | 30.72 -0.85 -0.01 | 32.21 -0.82 0.00 | 39.27 -0.92 0.00 | 46.82 -1.10 0.00 | 37.78 -0.93 0.00 | 32.11 -0.72 0.00 | 29.38 -0.72 0.00 | 26.88 -0.63 0.00 | 24.99 -0.41 0.00 |
| INDECK___YERKES 23781 | 25.45 0.64 0.00 | 23.14 0.59 0.00 | 21.08 0.59 0.00 | 20.90 0.69 0.00 | 20.25 0.63 0.00 | 22.11 1.05 0.00 | 22.53 0.70 0.00 | 23.67 0.19 0.00 | 25.44 0.10 0.00 | 25.79 0.48 0.00 | 29.10 0.49 0.00 | 30.49 0.39 0.00 | 29.94 0.50 0.00 | 30.55 0.36 0.00 | 31.38 0.25 0.00 | 31.48 -0.09 -0.02 | 33.34 0.30 0.00 | 41.28 1.09 0.00 | 48.83 0.91 0.00 | 39.29 0.58 0.00 | 33.69 0.85 0.00 | 30.94 0.84 0.00 | 28.17 0.66 0.00 | 26.43 1.04 0.00 |
| INDIAN POINT_GT_1 24139 | 26.07 1.26 0.00 | 23.70 1.15 0.00 | 21.51 1.02 0.00 | 21.24 1.03 0.00 | 20.60 0.98 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.84 1.36 0.00 | 26.98 1.65 0.00 | 26.88 1.57 0.00 | 30.44 1.83 0.00 | 32.03 1.93 0.00 | 31.33 1.88 0.00 | 32.18 1.99 0.00 | 33.22 2.09 0.00 | 33.70 2.15 0.00 | 35.09 2.05 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.71 1.32 0.00 |
| INDIAN POINT_GT_2 23659 | 26.07 1.26 0.00 | 23.70 1.15 0.00 | 21.51 1.02 0.00 | 21.24 1.03 0.00 | 20.60 0.98 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.84 1.36 0.00 | 26.98 1.65 0.00 | 26.88 1.57 0.00 | 30.44 1.83 0.00 | 32.03 1.93 0.00 | 31.33 1.88 0.00 | 32.18 1.99 0.00 | 33.22 2.09 0.00 | 33.70 2.15 0.00 | 35.09 2.05 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.71 1.32 0.00 |
| INDIAN POINT_GT_3 24019 | 26.07 1.26 0.00 | 23.70 1.15 0.00 | 21.51 1.02 0.00 | 21.24 1.03 0.00 | 20.60 0.98 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.84 1.36 0.00 | 26.98 1.65 0.00 | 26.88 1.57 0.00 | 30.44 1.83 0.00 | 32.03 1.93 0.00 | 31.33 1.88 0.00 | 32.18 1.99 0.00 | 33.22 2.09 0.00 | 33.70 2.15 0.00 | 35.09 2.05 0.00 | 42.76 2.57 0.00 | 50.94 3.02 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.71 1.32 0.00 |
| INDIAN POINT___2 23530 | 25.99 1.19 0.00 | 23.68 1.13 0.00 | 21.51 1.02 0.00 | 21.18 0.97 0.00 | 20.58 0.96 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.73 1.24 0.00 | 26.90 1.57 0.00 | 26.83 1.52 0.00 | 30.36 1.75 0.00 | 31.94 1.84 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.15 2.02 0.00 | 33.71 2.08 -0.07 | 35.02 1.98 0.00 | 42.52 2.33 0.00 | 50.84 2.92 0.00 | 41.11 2.40 0.00 | 34.71 1.87 0.00 | 31.94 1.84 0.00 | 29.16 1.65 0.00 | 26.66 1.27 0.00 |
| INDIAN POINT___3 23531 | 26.12 1.31 0.00 | 23.75 1.20 0.00 | 21.55 1.07 0.00 | 21.26 1.05 0.00 | 20.62 1.00 0.00 | 22.03 0.97 0.00 | 22.88 1.05 0.00 | 24.89 1.41 0.00 | 27.03 1.70 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.12 2.02 0.00 | 31.41 1.97 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.15 2.11 0.00 | 42.84 2.65 0.00 | 51.03 3.11 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.09 1.99 0.00 | 29.35 1.84 0.00 | 26.76 1.37 0.00 |
| INGHAM_C_115KV_TB7 356103 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.37 0.88 0.00 | 21.10 0.89 0.00 | 20.48 0.86 0.00 | 22.03 0.97 0.00 | 22.82 0.98 0.00 | 24.56 1.08 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 29.87 1.26 0.00 | 31.40 1.29 0.00 | 30.68 1.24 0.00 | 31.46 1.27 0.00 | 32.44 1.31 0.00 | 32.88 1.33 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 49.79 1.87 0.00 | 40.10 1.39 0.00 | 34.05 1.21 0.00 | 31.16 1.05 0.00 | 28.44 0.94 0.00 | 26.23 0.84 0.00 |
| IP CORINTH___1 23988 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.23 0.74 0.00 | 20.88 0.67 0.00 | 20.35 0.73 0.00 | 21.73 0.67 0.00 | 22.56 0.72 0.00 | 24.54 1.06 0.00 | 26.75 1.42 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 32.91 1.77 0.00 | 33.42 1.86 0.00 | 34.99 1.95 0.00 | 42.80 2.61 0.00 | 51.13 3.21 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.10 1.60 0.00 | 26.48 1.09 0.00 |
| IP___TICONDEROGA 23804 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.28 1.07 0.00 | 20.80 1.18 0.00 | 22.20 1.14 0.00 | 23.08 1.24 0.00 | 25.17 1.69 0.00 | 27.61 2.28 0.00 | 27.64 2.33 0.00 | 31.36 2.75 0.00 | 32.99 2.89 0.00 | 32.24 2.80 0.00 | 33.09 2.90 0.00 | 33.84 2.71 0.00 | 34.39 2.84 0.00 | 36.08 3.04 0.00 | 44.25 4.06 0.00 | 53.05 5.13 0.00 | 42.54 3.83 0.00 | 35.92 3.09 0.00 | 32.93 2.83 0.00 | 29.90 2.39 0.00 | 27.12 1.73 0.00 |
| ISLIP_RES_REC 323679 | 29.20 2.75 -1.65 | 25.17 2.61 0.00 | 23.03 2.54 0.00 | 22.14 1.92 -0.01 | 21.78 2.16 0.00 | 22.28 1.22 0.00 | 23.06 1.22 0.00 | 25.36 1.88 0.00 | 27.87 2.53 0.00 | 27.71 2.41 0.00 | 31.67 3.06 0.00 | 34.83 3.37 -1.36 | 34.75 3.27 -2.04 | 36.37 3.32 -2.86 | 36.82 3.67 -2.01 | 37.66 3.72 -2.38 | 41.74 4.46 -4.25 | 54.60 4.90 -9.51 | 58.71 5.84 -4.94 | 45.21 4.96 -1.54 | 38.97 3.41 -2.72 | 37.59 3.34 -4.15 | 37.17 2.70 -6.97 | 28.13 2.51 -0.23 |
| JAMAICA___27_KV_LOAD 355505 | 26.51 1.71 0.00 | 24.09 1.53 0.00 | 21.88 1.39 0.00 | 21.57 1.35 0.00 | 20.92 1.29 0.00 | 22.37 1.31 0.00 | 23.30 1.46 0.00 | 25.39 1.90 0.00 | 27.56 2.23 0.00 | 27.43 2.13 0.00 | 31.10 2.49 0.00 | 32.69 2.59 0.00 | 32.00 2.56 0.00 | 32.85 2.66 0.00 | 33.90 2.77 0.00 | 34.36 2.81 0.00 | 35.62 2.58 0.00 | 43.57 3.38 0.00 | 51.94 4.03 0.00 | 42.00 3.29 0.00 | 35.46 2.63 0.00 | 32.72 2.62 0.00 | 29.96 2.45 -0.01 | 27.27 1.88 0.00 |
| JANIS___SOLAR 323808 | 26.32 1.51 0.00 | 23.93 1.38 0.00 | 21.72 1.23 0.00 | 21.45 1.23 0.00 | 20.82 1.20 0.00 | 22.55 1.50 0.00 | 23.30 1.46 0.00 | 25.03 1.55 0.00 | 26.90 1.57 0.00 | 26.90 1.60 0.00 | 30.50 1.89 0.00 | 32.03 1.93 0.00 | 31.24 1.80 0.00 | 32.03 1.84 0.00 | 32.97 1.84 0.00 | 33.51 1.93 -0.03 | 35.29 2.25 0.00 | 43.29 3.09 0.00 | 51.66 3.74 0.00 | 41.50 2.79 0.00 | 35.43 2.59 0.00 | 32.33 2.23 0.00 | 29.35 1.84 0.00 | 27.09 1.70 0.00 |
| JARVIS____ 23743 | 24.90 0.10 0.00 | 22.64 0.09 0.00 | 20.57 0.08 0.00 | 20.29 0.08 0.00 | 19.70 0.08 0.00 | 21.17 0.11 0.00 | 21.92 0.09 0.00 | 23.60 0.12 0.00 | 25.46 0.13 0.00 | 25.44 0.13 0.00 | 28.75 0.14 0.00 | 30.25 0.15 0.00 | 29.59 0.15 0.00 | 30.37 0.18 0.00 | 31.32 0.19 0.00 | 31.75 0.19 0.00 | 33.24 0.20 0.00 | 40.39 0.20 0.00 | 48.21 0.29 0.00 | 38.90 0.19 0.00 | 33.00 0.17 0.00 | 30.25 0.15 0.00 | 27.65 0.14 0.00 | 25.49 0.10 0.00 |

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| JENNISON____1 23625 | 26.41 1.61 0.00 | 24.02 1.47 0.00 | 21.80 1.31 0.00 | 21.51 1.29 0.00 | 20.88 1.26 0.00 | 22.60 1.54 0.00 | 23.34 1.51 0.00 | 25.15 1.67 0.00 | 27.08 1.75 0.00 | 27.11 1.80 0.00 | 30.76 2.15 0.00 | 32.33 2.23 0.00 | 31.56 2.12 0.00 | 32.36 2.17 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.52 2.48 0.00 | 43.25 3.05 0.00 | 51.85 3.93 0.00 | 41.65 2.94 0.00 | 35.59 2.76 0.00 | 32.51 2.41 0.00 | 29.46 1.95 0.00 | 27.17 1.78 0.00 |
| JENNISON____2 23626 | 26.41 1.61 0.00 | 24.02 1.47 0.00 | 21.80 1.31 0.00 | 21.51 1.29 0.00 | 20.88 1.26 0.00 | 22.60 1.54 0.00 | 23.34 1.51 0.00 | 25.15 1.67 0.00 | 27.08 1.75 0.00 | 27.11 1.80 0.00 | 30.76 2.15 0.00 | 32.33 2.23 0.00 | 31.56 2.12 0.00 | 32.36 2.17 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.52 2.48 0.00 | 43.25 3.05 0.00 | 51.85 3.93 0.00 | 41.65 2.94 0.00 | 35.59 2.76 0.00 | 32.51 2.41 0.00 | 29.46 1.95 0.00 | 27.17 1.78 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.65 0.16 0.00 | 20.41 0.20 0.00 | 19.78 0.16 0.00 | 21.23 0.17 0.00 | 22.18 0.35 0.00 | 23.95 0.47 0.00 | 25.74 0.40 0.00 | 25.66 0.35 0.00 | 28.96 0.34 0.00 | 30.49 0.39 0.00 | 29.80 0.35 0.00 | 30.52 0.33 0.00 | 31.51 0.37 0.00 | 31.93 0.38 0.00 | 33.60 0.56 0.00 | 40.92 0.72 0.00 | 48.73 0.81 0.00 | 39.13 0.43 0.00 | 33.26 0.43 0.00 | 30.49 0.39 0.00 | 27.86 0.36 0.00 | 25.70 0.31 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 26.22 1.41 0.00 | 23.84 1.29 0.00 | 21.64 1.15 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.09 1.03 0.00 | 22.97 1.14 0.00 | 25.01 1.53 0.00 | 27.16 1.82 0.00 | 27.06 1.75 0.00 | 30.70 2.09 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.39 2.35 0.00 | 43.13 2.93 0.00 | 51.42 3.50 0.00 | 41.57 2.86 0.00 | 35.10 2.27 0.00 | 32.24 2.14 0.00 | 29.49 1.98 0.00 | 26.87 1.47 0.00 |
| KCE_NY_1 323755 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.35 0.86 0.00 | 21.02 0.81 0.00 | 20.48 0.86 0.00 | 21.88 0.82 0.00 | 22.69 0.85 0.00 | 24.61 1.13 0.00 | 26.80 1.47 0.00 | 26.78 1.47 0.00 | 30.36 1.75 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.15 1.96 0.00 | 33.06 1.93 0.00 | 33.64 1.99 -0.10 | 35.09 2.05 0.00 | 42.72 2.53 0.00 | 51.13 3.21 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.94 1.84 0.00 | 29.13 1.62 0.00 | 26.59 1.19 0.00 |
| KCE_NY_6_ESR 323823 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.31 0.82 0.00 | 21.12 0.91 0.00 | 20.46 0.84 0.00 | 22.34 1.28 0.00 | 22.80 0.96 0.00 | 24.02 0.54 0.00 | 25.79 0.46 0.00 | 26.14 0.83 0.00 | 29.50 0.89 0.00 | 30.91 0.81 0.00 | 30.36 0.91 0.00 | 31.00 0.82 0.00 | 31.85 0.72 0.00 | 31.96 0.38 -0.02 | 33.83 0.79 0.00 | 41.88 1.69 0.00 | 49.59 1.68 0.00 | 39.91 1.20 0.00 | 34.18 1.35 0.00 | 31.40 1.29 0.00 | 28.55 1.04 0.00 | 26.71 1.32 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.88 2.40 0.00 | 22.02 1.80 -0.01 | 21.64 2.02 0.00 | 22.15 1.09 0.00 | 22.93 1.09 0.00 | 25.25 1.76 0.00 | 27.74 2.41 0.00 | 27.56 2.25 0.00 | 31.50 2.89 0.00 | 34.65 3.19 -1.36 | 34.57 3.09 -2.04 | 36.19 3.14 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.41 4.13 -4.25 | 54.20 4.50 -9.51 | 58.23 5.37 -4.94 | 44.78 4.53 -1.54 | 38.67 3.12 -2.72 | 37.35 3.10 -4.15 | 36.98 2.50 -6.97 | 27.98 2.36 -0.23 |
| KEDC_PORT_JEFF_GT3 24211 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.88 2.40 0.00 | 22.02 1.80 -0.01 | 21.64 2.02 0.00 | 22.15 1.09 0.00 | 22.93 1.09 0.00 | 25.25 1.76 0.00 | 27.74 2.41 0.00 | 27.56 2.25 0.00 | 31.50 2.89 0.00 | 34.65 3.19 -1.36 | 34.57 3.09 -2.04 | 36.19 3.14 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.41 4.13 -4.25 | 54.20 4.50 -9.51 | 58.23 5.37 -4.94 | 44.78 4.53 -1.54 | 38.67 3.12 -2.72 | 37.35 3.10 -4.15 | 36.98 2.50 -6.97 | 27.98 2.36 -0.23 |
| KEDC_GLWD_GT4 24219 | 28.29 1.84 -1.65 | 24.22 1.67 0.00 | 21.98 1.49 0.00 | 21.61 1.39 -0.01 | 20.99 1.37 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.22 1.74 0.00 | 27.54 2.20 0.00 | 27.46 2.15 0.00 | 31.13 2.52 0.00 | 34.14 2.68 -1.36 | 34.13 2.65 -2.04 | 35.86 2.81 -2.86 | 36.04 2.90 -2.01 | 36.87 2.94 -2.38 | 40.16 2.87 -4.25 | 53.19 3.49 -9.51 | 57.18 4.31 -4.94 | 43.70 3.44 -1.54 | 38.31 2.76 -2.72 | 36.93 2.68 -4.15 | 36.87 2.39 -6.97 | 27.52 1.91 -0.23 |
| KEDC_GLWD_GT5 24220 | 28.29 1.84 -1.65 | 24.22 1.67 0.00 | 21.98 1.49 0.00 | 21.61 1.39 -0.01 | 20.99 1.37 0.00 | 22.32 1.26 0.00 | 23.17 1.33 0.00 | 25.22 1.74 0.00 | 27.54 2.20 0.00 | 27.46 2.15 0.00 | 31.13 2.52 0.00 | 34.14 2.68 -1.36 | 34.13 2.65 -2.04 | 35.86 2.81 -2.86 | 36.04 2.90 -2.01 | 36.87 2.94 -2.38 | 40.16 2.87 -4.25 | 53.19 3.49 -9.51 | 57.18 4.31 -4.94 | 43.70 3.44 -1.54 | 38.31 2.76 -2.72 | 36.93 2.68 -4.15 | 36.87 2.39 -6.97 | 27.52 1.91 -0.23 |
| KENSICO____ 23655 | 26.14 1.34 0.00 | 23.77 1.22 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.66 1.04 0.00 | 22.05 0.99 0.00 | 22.91 1.07 0.00 | 24.94 1.46 0.00 | 27.06 1.72 0.00 | 26.95 1.65 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.30 2.11 0.00 | 33.34 2.21 0.00 | 33.83 2.27 0.00 | 35.19 2.15 0.00 | 42.88 2.69 0.00 | 51.08 3.16 0.00 | 41.30 2.59 0.00 | 34.90 2.07 0.00 | 32.12 2.02 0.00 | 29.38 1.87 0.00 | 26.81 1.42 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 26.12 1.31 0.00 | 23.72 1.17 0.00 | 21.53 1.04 0.00 | 21.24 1.03 0.00 | 20.58 0.96 0.00 | 22.03 0.97 0.00 | 22.99 1.16 0.00 | 24.96 1.48 0.00 | 26.95 1.62 0.00 | 26.85 1.54 0.00 | 30.44 1.83 0.00 | 31.94 1.84 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.28 2.15 0.00 | 33.76 2.21 0.00 | 35.35 2.31 0.00 | 42.88 2.69 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.87 2.04 0.00 | 32.00 1.90 0.00 | 29.35 1.84 0.00 | 26.81 1.42 0.00 |
| KIAC_JFK_GT1 23816 | 26.46 1.66 0.00 | 24.04 1.49 0.00 | 21.82 1.33 0.00 | 21.53 1.31 0.00 | 20.88 1.26 0.00 | 22.30 1.24 0.00 | 23.23 1.40 0.00 | 25.31 1.83 0.00 | 27.49 2.15 0.00 | 27.38 2.08 0.00 | 31.01 2.40 0.00 | 32.63 2.53 0.00 | 31.92 2.47 0.00 | 32.75 2.57 0.00 | 33.81 2.68 0.00 | 34.27 2.71 0.00 | 35.52 2.48 0.00 | 43.45 3.26 0.00 | 51.80 3.88 0.00 | 41.88 3.17 0.00 | 35.36 2.53 0.00 | 32.63 2.53 0.00 | 29.88 2.37 -0.01 | 27.20 1.80 0.00 |
| KIAC_JFK_GT2 23817 | 26.46 1.66 0.00 | 24.04 1.49 0.00 | 21.82 1.33 0.00 | 21.53 1.31 0.00 | 20.88 1.26 0.00 | 22.30 1.24 0.00 | 23.23 1.40 0.00 | 25.31 1.83 0.00 | 27.49 2.15 0.00 | 27.38 2.08 0.00 | 31.01 2.40 0.00 | 32.63 2.53 0.00 | 31.92 2.47 0.00 | 32.75 2.57 0.00 | 33.81 2.68 0.00 | 34.27 2.71 0.00 | 35.52 2.48 0.00 | 43.45 3.26 0.00 | 51.80 3.88 0.00 | 41.88 3.17 0.00 | 35.36 2.53 0.00 | 32.63 2.53 0.00 | 29.88 2.37 -0.01 | 27.20 1.80 0.00 |
| KIAC_JFK____ 323774 | 26.44 1.64 0.00 | 24.04 1.49 0.00 | 21.84 1.35 0.00 | 21.49 1.27 0.00 | 20.86 1.24 0.00 | 22.30 1.24 0.00 | 23.24 1.40 0.00 | 25.25 1.76 0.00 | 27.49 2.15 0.00 | 27.38 2.08 0.00 | 31.01 2.40 0.00 | 32.63 2.53 0.00 | 31.92 2.47 0.00 | 32.79 2.60 0.00 | 33.81 2.68 0.00 | 34.34 2.71 -0.08 | 35.55 2.51 0.00 | 43.33 3.14 0.00 | 51.80 3.88 0.00 | 41.88 3.17 0.00 | 35.33 2.49 0.00 | 32.63 2.53 0.00 | 29.80 2.28 -0.01 | 27.17 1.78 0.00 |

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| KINTIGH____ 23543 | 24.95 0.15 0.00 | 22.71 0.16 0.00 | 20.67 0.18 0.00 | 20.39 0.18 0.00 | 19.84 0.22 0.00 | 21.63 0.57 0.00 | 22.16 0.33 0.00 | 23.27 -0.21 0.00 | 25.08 -0.25 0.00 | 25.33 0.03 0.00 | 28.58 -0.03 0.00 | 29.98 -0.12 0.00 | 29.41 -0.03 0.00 | 30.10 -0.09 0.00 | 30.85 -0.28 0.00 | 30.99 -0.57 0.00 | 32.81 -0.23 0.00 | 39.27 -0.92 0.00 | 47.87 -0.05 0.00 | 38.55 -0.15 0.00 | 32.97 0.13 0.00 | 30.28 0.18 0.00 | 27.34 -0.17 0.00 | 25.77 0.38 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 25.40 0.60 0.00 | 23.07 0.52 0.00 | 21.00 0.51 0.00 | 20.74 0.53 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.62 0.79 0.00 | 24.45 0.96 0.00 | 26.22 0.89 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 31.07 0.96 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 32.13 1.00 0.00 | 32.56 1.01 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.83 1.92 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.13 1.02 0.00 | 28.41 0.91 0.00 | 26.18 0.79 0.00 |
| LACHUTE__HYDRO 323717 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.28 1.07 0.00 | 20.80 1.18 0.00 | 22.20 1.14 0.00 | 23.08 1.24 0.00 | 25.13 1.64 0.00 | 27.61 2.28 0.00 | 27.64 2.33 0.00 | 31.36 2.75 0.00 | 32.99 2.89 0.00 | 32.24 2.80 0.00 | 33.09 2.90 0.00 | 33.84 2.71 0.00 | 34.49 2.84 -0.10 | 36.08 3.04 0.00 | 44.21 4.02 0.00 | 53.05 5.13 0.00 | 42.54 3.83 0.00 | 35.92 3.09 0.00 | 32.93 2.83 0.00 | 29.90 2.39 0.00 | 27.12 1.73 0.00 |
| LAWRNCV_115KV_TB1 80681 | 24.48 -0.32 0.00 | 22.21 -0.34 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.21 -0.41 0.00 | 20.45 -0.61 0.00 | 21.31 -0.52 0.00 | 22.94 -0.54 0.00 | 24.57 -0.76 0.00 | 24.52 -0.78 0.00 | 27.70 -0.92 0.00 | 29.17 -0.93 0.00 | 28.47 -0.97 0.00 | 29.16 -1.03 0.00 | 30.10 -1.03 0.00 | 30.54 -1.01 0.00 | 32.11 -0.93 0.00 | 39.19 -1.00 0.00 | 46.62 -1.29 0.00 | 37.47 -1.24 0.00 | 31.92 -0.92 0.00 | 29.41 -0.69 0.00 | 27.12 -0.39 0.00 | 25.09 -0.30 0.00 |
| LEDERLE____ 23769 | 26.02 1.22 0.00 | 23.70 1.15 0.00 | 21.53 1.04 0.00 | 21.24 1.03 0.00 | 20.60 0.98 0.00 | 22.01 0.95 0.00 | 22.91 1.07 0.00 | 24.84 1.36 0.00 | 26.90 1.57 0.00 | 26.83 1.52 0.00 | 30.36 1.75 0.00 | 31.91 1.81 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.16 2.02 0.00 | 33.64 2.08 0.00 | 35.05 2.02 0.00 | 42.68 2.49 0.00 | 50.84 2.92 0.00 | 41.11 2.40 0.00 | 34.74 1.90 0.00 | 31.94 1.84 0.00 | 29.24 1.73 0.00 | 26.69 1.30 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 24.75 -0.05 0.00 | 22.48 -0.07 0.00 | 20.41 -0.08 0.00 | 20.13 -0.08 0.00 | 19.54 -0.08 0.00 | 21.06 0.00 0.00 | 21.81 -0.02 0.00 | 23.27 -0.21 0.00 | 25.03 -0.30 0.00 | 25.03 -0.28 0.00 | 28.27 -0.34 0.00 | 29.71 -0.39 0.00 | 29.03 -0.41 0.00 | 29.77 -0.42 0.00 | 30.67 -0.47 0.00 | 31.05 -0.50 0.00 | 32.64 -0.40 0.00 | 39.75 -0.44 0.00 | 47.58 -0.34 0.00 | 38.36 -0.35 0.00 | 32.64 -0.20 0.00 | 29.86 -0.24 0.00 | 27.26 -0.25 0.00 | 25.32 -0.08 0.00 |
| LINDEN COGEN____ 23786 | 26.14 1.34 0.00 | 23.77 1.22 0.00 | 21.57 1.09 0.00 | 21.26 1.05 0.00 | 20.64 1.02 0.00 | 22.05 0.99 0.00 | 22.95 1.11 0.00 | 24.89 1.41 0.00 | 27.13 1.80 0.00 | 27.03 1.72 0.00 | 30.56 1.95 0.00 | 32.12 2.02 0.00 | 31.41 1.97 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.87 2.24 -0.08 | 35.09 2.05 0.00 | 42.64 2.45 0.00 | 50.99 3.07 0.00 | 41.19 2.48 0.00 | 34.81 1.97 0.00 | 32.15 2.05 0.00 | 29.35 1.84 0.00 | 26.81 1.42 0.00 |
| LINDHRST_69_KV_BK1 356055 | 28.63 2.18 -1.64 | 24.40 1.85 0.00 | 22.17 1.68 0.00 | 21.99 1.78 0.00 | 21.29 1.67 0.00 | 22.45 1.39 0.00 | 23.28 1.44 0.00 | 25.57 2.09 0.00 | 27.79 2.46 0.00 | 27.66 2.35 0.00 | 31.44 2.83 0.00 | 34.49 3.04 -1.35 | 34.45 2.97 -2.03 | 36.18 3.14 -2.85 | 36.44 3.30 -2.00 | 37.20 3.34 -2.30 | 40.65 3.37 -4.24 | 53.83 4.14 -9.50 | 57.79 4.94 -4.94 | 44.23 3.99 -1.54 | 38.70 3.15 -2.71 | 37.31 3.07 -4.14 | 37.22 2.75 -6.96 | 27.85 2.23 -0.22 |
| LIPA_MISC_IPP 23656 | 29.10 2.65 -1.64 | 24.42 1.87 0.00 | 22.37 1.88 0.00 | 22.66 2.45 0.00 | 21.82 2.20 0.00 | 22.09 1.03 0.00 | 22.86 1.03 0.00 | 25.57 2.09 0.00 | 27.66 2.33 0.00 | 27.46 2.15 0.00 | 31.42 2.80 0.00 | 34.55 3.10 -1.35 | 34.48 3.00 -2.03 | 36.18 3.14 -2.85 | 36.59 3.46 -2.00 | 37.33 3.47 -2.30 | 41.61 4.33 -4.24 | 54.43 4.74 -9.50 | 58.32 5.46 -4.94 | 44.97 4.72 -1.54 | 38.66 3.12 -2.71 | 37.31 3.07 -4.14 | 36.97 2.50 -6.96 | 27.95 2.34 -0.22 |
| LISF__SOLAR 323691 | 29.13 2.68 -1.65 | 25.14 2.59 0.00 | 23.03 2.54 0.00 | 22.08 1.86 -0.01 | 21.74 2.12 0.00 | 22.11 1.05 0.00 | 22.88 1.05 0.00 | 25.17 1.69 0.00 | 27.66 2.33 0.00 | 27.49 2.18 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.63 3.49 -2.01 | 37.47 3.53 -2.38 | 41.71 4.43 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.05 4.80 -1.54 | 38.74 3.18 -2.72 | 37.35 3.10 -4.15 | 36.95 2.48 -6.97 | 27.98 2.36 -0.23 |
| LITTLE FALLS__HYD 24013 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.37 0.88 0.00 | 21.10 0.89 0.00 | 20.48 0.86 0.00 | 22.03 0.97 0.00 | 22.82 0.98 0.00 | 24.56 1.08 0.00 | 26.50 1.17 0.00 | 26.45 1.14 0.00 | 29.87 1.26 0.00 | 31.40 1.29 0.00 | 30.68 1.24 0.00 | 31.46 1.27 0.00 | 32.44 1.31 0.00 | 32.88 1.33 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 49.79 1.87 0.00 | 40.10 1.39 0.00 | 34.05 1.21 0.00 | 31.16 1.05 0.00 | 28.44 0.94 0.00 | 26.23 0.84 0.00 |
| LITTLRIV_115KV_TB1 356100 | 24.83 0.02 0.00 | 22.53 -0.02 0.00 | 20.47 -0.02 0.00 | 20.19 -0.02 0.00 | 19.44 -0.18 0.00 | 20.70 -0.36 0.00 | 21.57 -0.26 0.00 | 23.27 -0.21 0.00 | 24.88 -0.46 0.00 | 24.80 -0.51 0.00 | 28.01 -0.60 0.00 | 29.50 -0.60 0.00 | 28.76 -0.68 0.00 | 29.46 -0.72 0.00 | 30.39 -0.75 0.00 | 30.89 -0.66 0.00 | 32.54 -0.50 0.00 | 39.83 -0.36 0.00 | 47.44 -0.48 0.00 | 38.05 -0.66 0.00 | 32.51 -0.33 0.00 | 29.92 -0.18 0.00 | 27.56 0.06 0.00 | 25.47 0.08 0.00 |
| LI_NEWBRDGE__DRP 323616 | 28.08 1.64 -1.64 | 23.97 1.42 0.00 | 21.76 1.27 0.00 | 21.53 1.31 0.00 | 20.86 1.24 0.00 | 22.13 1.07 0.00 | 22.99 1.16 0.00 | 25.15 1.67 0.00 | 27.33 2.00 0.00 | 27.21 1.90 0.00 | 30.87 2.26 0.00 | 33.86 2.41 -1.35 | 33.86 2.38 -2.03 | 35.52 2.48 -2.85 | 35.75 2.62 -2.00 | 36.54 2.68 -2.30 | 39.85 2.58 -4.24 | 52.91 3.22 -9.50 | 56.69 3.83 -4.94 | 43.30 3.06 -1.54 | 37.97 2.43 -2.71 | 36.65 2.41 -4.14 | 36.67 2.20 -6.96 | 27.34 1.73 -0.22 |
| LOCKPORT_115KV_TB60_63_64 80432 | 25.17 0.37 0.00 | 22.96 0.41 0.00 | 20.84 0.35 0.00 | 20.64 0.42 0.00 | 20.09 0.47 0.00 | 21.94 0.88 0.00 | 22.32 0.48 0.00 | 23.37 -0.12 0.00 | 25.18 -0.15 0.00 | 25.51 0.20 0.00 | 28.78 0.17 0.00 | 30.16 0.06 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.01 -0.12 0.00 | 31.08 -0.47 0.00 | 32.97 -0.07 0.00 | 39.39 -0.80 0.00 | 48.30 0.38 0.00 | 38.82 0.12 0.00 | 33.29 0.46 0.00 | 30.58 0.48 0.00 | 27.56 0.06 0.00 | 26.05 0.66 0.00 |
| LOCKPORT__CC1 323769 | 25.25 0.45 0.00 | 22.87 0.32 0.00 | 20.92 0.43 0.00 | 20.76 0.55 0.00 | 20.11 0.49 0.00 | 21.96 0.90 0.00 | 22.34 0.50 0.00 | 23.46 -0.02 0.00 | 25.21 -0.13 0.00 | 25.54 0.23 0.00 | 28.78 0.17 0.00 | 30.19 0.09 0.00 | 29.62 0.18 0.00 | 30.22 0.03 0.00 | 31.04 -0.09 0.00 | 31.13 -0.44 -0.02 | 33.01 -0.03 0.00 | 40.80 0.60 0.00 | 48.30 0.38 0.00 | 38.86 0.16 0.00 | 33.33 0.49 0.00 | 30.61 0.51 0.00 | 27.89 0.38 0.00 | 26.18 0.79 0.00 |

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| LOCKPORT___CC2 323770 | 25.25 0.45 0.00 | 22.87 0.32 0.00 | 20.92 0.43 0.00 | 20.76 0.55 0.00 | 20.11 0.49 0.00 | 21.96 0.90 0.00 | 22.34 0.50 0.00 | 23.46 -0.02 0.00 | 25.21 -0.13 0.00 | 25.54 0.23 0.00 | 28.78 0.17 0.00 | 30.19 0.09 0.00 | 29.62 0.18 0.00 | 30.22 0.03 0.00 | 31.04 -0.09 0.00 | 31.13 -0.44 -0.02 | 33.01 -0.03 0.00 | 40.80 0.60 0.00 | 48.30 0.38 0.00 | 38.86 0.16 0.00 | 33.33 0.49 0.00 | 30.61 0.51 0.00 | 27.89 0.38 0.00 | 26.18 0.79 0.00 |
| LOCKPORT___CC3 323771 | 25.25 0.45 0.00 | 22.87 0.32 0.00 | 20.92 0.43 0.00 | 20.76 0.55 0.00 | 20.11 0.49 0.00 | 21.96 0.90 0.00 | 22.34 0.50 0.00 | 23.46 -0.02 0.00 | 25.21 -0.13 0.00 | 25.54 0.23 0.00 | 28.78 0.17 0.00 | 30.19 0.09 0.00 | 29.62 0.18 0.00 | 30.22 0.03 0.00 | 31.04 -0.09 0.00 | 31.13 -0.44 -0.02 | 33.01 -0.03 0.00 | 40.80 0.60 0.00 | 48.30 0.38 0.00 | 38.86 0.16 0.00 | 33.33 0.49 0.00 | 30.61 0.51 0.00 | 27.89 0.38 0.00 | 26.18 0.79 0.00 |
| LONG_LAKE_PHOENIX 24014 | 24.65 -0.15 0.00 | 22.42 -0.14 0.00 | 20.35 -0.14 0.00 | 20.07 -0.14 0.00 | 19.50 -0.12 0.00 | 21.00 -0.06 0.00 | 21.73 -0.11 0.00 | 23.18 -0.31 0.00 | 24.95 -0.38 0.00 | 24.98 -0.33 0.00 | 28.21 -0.40 0.00 | 29.68 -0.42 0.00 | 29.00 -0.44 0.00 | 29.74 -0.45 0.00 | 30.63 -0.50 0.00 | 31.02 -0.54 0.00 | 32.54 -0.50 0.00 | 39.59 -0.60 0.00 | 47.34 -0.58 0.00 | 38.20 -0.50 0.00 | 32.47 -0.36 0.00 | 29.68 -0.42 0.00 | 27.09 -0.41 0.00 | 25.21 -0.18 0.00 |
| LOVETT___3 23632 | 25.92 1.12 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.18 1.57 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.86 1.82 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.79 1.69 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| LOVETT___4 23642 | 25.92 1.12 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.18 1.57 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.86 1.82 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.79 1.69 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| LOVETT___5 23593 | 25.92 1.12 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.18 1.57 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.86 1.82 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.79 1.69 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| LOWER RAQUET___HYD 24057 | 24.46 -0.35 0.00 | 22.19 -0.36 0.00 | 20.16 -0.33 0.00 | 19.91 -0.30 0.00 | 19.17 -0.45 0.00 | 20.34 -0.72 0.00 | 21.23 -0.61 0.00 | 22.85 -0.63 0.00 | 24.47 -0.86 0.00 | 24.40 -0.91 0.00 | 27.55 -1.06 0.00 | 29.02 -1.08 0.00 | 28.32 -1.12 0.00 | 28.98 -1.21 0.00 | 29.92 -1.21 0.00 | 30.39 -1.17 0.00 | 31.95 -1.09 0.00 | 38.99 -1.20 0.00 | 46.43 -1.49 0.00 | 37.32 -1.39 0.00 | 31.78 -1.05 0.00 | 29.32 -0.78 0.00 | 27.07 -0.44 0.00 | 25.06 -0.33 0.00 |
| LOWER___HUDSON 24059 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.65 0.00 | 24.40 0.91 0.00 | 26.52 1.19 0.00 | 26.47 1.16 0.00 | 30.01 1.40 0.00 | 31.64 1.53 0.00 | 30.97 1.53 0.00 | 31.82 1.63 0.00 | 32.78 1.65 0.00 | 33.35 1.70 -0.10 | 34.76 1.72 0.00 | 42.24 2.05 0.00 | 50.46 2.54 0.00 | 40.76 2.05 0.00 | 34.41 1.58 0.00 | 31.55 1.44 0.00 | 28.80 1.29 0.00 | 26.31 0.91 0.00 |
| LOWVILLE_115KV_TB2 356335 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.59 0.10 0.00 | 20.31 0.10 0.00 | 19.66 0.04 0.00 | 21.19 0.13 0.00 | 21.95 0.11 0.00 | 23.62 0.14 0.00 | 25.41 0.08 0.00 | 25.33 0.03 0.00 | 28.64 0.03 0.00 | 30.13 0.03 0.00 | 29.38 -0.06 0.00 | 30.16 -0.03 0.00 | 31.10 -0.03 0.00 | 31.62 0.06 0.00 | 33.24 0.20 0.00 | 40.63 0.44 0.00 | 48.54 0.62 0.00 | 39.02 0.31 0.00 | 33.26 0.43 0.00 | 30.43 0.33 0.00 | 27.75 0.25 0.00 | 25.60 0.20 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 25.84 1.04 0.00 | 23.50 0.95 0.00 | 21.35 0.86 0.00 | 21.02 0.81 0.00 | 20.46 0.84 0.00 | 21.86 0.80 0.00 | 22.69 0.85 0.00 | 24.63 1.15 0.00 | 26.80 1.47 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.03 1.90 0.00 | 33.51 1.96 0.00 | 35.05 2.02 0.00 | 42.80 2.61 0.00 | 51.08 3.16 0.00 | 41.18 2.48 0.00 | 34.81 1.97 0.00 | 31.91 1.81 0.00 | 29.13 1.62 0.00 | 26.56 1.17 0.00 |
| LUTHERNY_35_KV_BK2 355980 | 25.84 1.04 0.00 | 23.52 0.97 0.00 | 21.35 0.86 0.00 | 21.04 0.83 0.00 | 20.48 0.86 0.00 | 21.88 0.82 0.00 | 22.69 0.85 0.00 | 24.66 1.17 0.00 | 26.80 1.47 0.00 | 26.78 1.47 0.00 | 30.36 1.75 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.15 1.96 0.00 | 33.06 1.93 0.00 | 33.54 1.99 0.00 | 35.09 2.05 0.00 | 42.84 2.65 0.00 | 51.13 3.21 0.00 | 41.22 2.52 0.00 | 34.84 2.00 0.00 | 31.94 1.84 0.00 | 29.16 1.65 0.00 | 26.59 1.19 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 24.50 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.04 -0.45 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.70 -0.85 0.00 | 32.31 -0.73 0.00 | 39.51 -0.68 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| LYONS_FALL_HYD 23570 | 25.12 0.32 0.00 | 22.84 0.29 0.00 | 20.74 0.25 0.00 | 20.46 0.24 0.00 | 19.82 0.20 0.00 | 21.35 0.29 0.00 | 22.12 0.28 0.00 | 23.84 0.35 0.00 | 25.64 0.31 0.00 | 25.59 0.28 0.00 | 28.96 0.34 0.00 | 30.43 0.33 0.00 | 29.71 0.26 0.00 | 30.49 0.30 0.00 | 31.44 0.31 0.00 | 31.94 0.38 -0.01 | 33.54 0.50 0.00 | 40.99 0.80 0.00 | 48.88 0.96 0.00 | 39.32 0.62 0.00 | 33.53 0.69 0.00 | 30.67 0.57 0.00 | 27.95 0.44 0.00 | 25.77 0.38 0.00 |
| MADISON___COUNTY_LFGE 323628 | 25.55 0.74 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.80 0.59 0.00 | 20.17 0.55 0.00 | 21.75 0.69 0.00 | 22.51 0.68 0.00 | 24.23 0.75 0.00 | 26.09 0.76 0.00 | 26.07 0.76 0.00 | 29.53 0.92 0.00 | 31.07 0.96 0.00 | 30.33 0.88 0.00 | 31.12 0.94 0.00 | 32.10 0.97 0.00 | 32.56 1.01 0.00 | 34.20 1.16 0.00 | 41.68 1.49 0.00 | 49.83 1.92 0.00 | 40.10 1.39 0.00 | 34.15 1.31 0.00 | 31.25 1.14 0.00 | 28.41 0.91 0.00 | 26.23 0.84 0.00 |
| MALONE___115KV_TB1 356076 | 25.10 0.30 0.00 | 22.80 0.25 0.00 | 20.75 0.27 0.00 | 20.50 0.28 0.00 | 19.82 0.20 0.00 | 21.25 0.19 0.00 | 22.23 0.39 0.00 | 24.02 0.54 0.00 | 25.76 0.43 0.00 | 25.69 0.38 0.00 | 28.98 0.37 0.00 | 30.52 0.42 0.00 | 29.80 0.35 0.00 | 30.52 0.33 0.00 | 31.51 0.37 0.00 | 31.96 0.41 0.00 | 33.67 0.63 0.00 | 41.04 0.84 0.00 | 48.88 0.96 0.00 | 39.17 0.46 0.00 | 33.36 0.53 0.00 | 30.61 0.51 0.00 | 28.00 0.50 0.00 | 25.82 0.43 0.00 |

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| MAPLEWOD_115KV_TB3 80458 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.82 0.61 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.42 0.94 0.00 | 26.47 1.14 0.00 | 26.42 1.11 0.00 | 29.96 1.34 0.00 | 31.58 1.47 0.00 | 30.91 1.47 0.00 | 31.76 1.57 0.00 | 32.75 1.62 0.00 | 33.23 1.67 0.00 | 34.72 1.69 0.00 | 42.28 2.09 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.38 1.54 0.00 | 31.52 1.41 0.00 | 28.80 1.29 0.00 | 26.28 0.89 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 24.51 -0.30 0.00 | 22.28 -0.27 0.00 | 20.24 -0.24 0.00 | 19.99 -0.22 0.00 | 19.41 -0.22 0.00 | 20.85 -0.21 0.00 | 21.66 -0.18 0.00 | 23.32 -0.16 0.00 | 25.16 -0.18 0.00 | 25.13 -0.18 0.00 | 28.41 -0.20 0.00 | 29.89 -0.21 0.00 | 29.24 -0.20 0.00 | 29.98 -0.21 0.00 | 30.88 -0.25 0.00 | 31.30 -0.25 0.00 | 32.77 -0.27 0.00 | 39.87 -0.32 0.00 | 47.49 -0.43 0.00 | 38.36 -0.35 0.00 | 32.54 -0.30 0.00 | 29.83 -0.27 0.00 | 27.26 -0.25 0.00 | 25.16 -0.23 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 24.51 -0.30 0.00 | 22.28 -0.27 0.00 | 20.24 -0.24 0.00 | 19.99 -0.22 0.00 | 19.41 -0.22 0.00 | 20.85 -0.21 0.00 | 21.66 -0.18 0.00 | 23.32 -0.16 0.00 | 25.16 -0.18 0.00 | 25.13 -0.18 0.00 | 28.41 -0.20 0.00 | 29.89 -0.21 0.00 | 29.24 -0.20 0.00 | 29.98 -0.21 0.00 | 30.88 -0.25 0.00 | 31.30 -0.25 0.00 | 32.77 -0.27 0.00 | 39.87 -0.32 0.00 | 47.49 -0.43 0.00 | 38.36 -0.35 0.00 | 32.54 -0.30 0.00 | 29.83 -0.27 0.00 | 27.26 -0.25 0.00 | 25.16 -0.23 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 25.05 0.25 0.00 | 22.78 0.23 0.00 | 20.74 0.25 0.00 | 20.50 0.28 0.00 | 19.86 0.24 0.00 | 21.33 0.27 0.00 | 22.27 0.44 0.00 | 24.05 0.56 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.91 0.47 0.00 | 30.64 0.45 0.00 | 31.63 0.50 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.93 0.00 | 48.93 1.01 0.00 | 39.32 0.62 0.00 | 33.43 0.59 0.00 | 30.61 0.51 0.00 | 27.97 0.47 0.00 | 25.80 0.41 0.00 |
| MARSHVLE_115KV_TB1 80742 | 25.40 0.60 0.00 | 23.14 0.59 0.00 | 21.02 0.53 0.00 | 20.70 0.49 0.00 | 20.13 0.51 0.00 | 21.61 0.55 0.00 | 22.43 0.59 0.00 | 24.30 0.82 0.00 | 26.37 1.04 0.00 | 26.32 1.01 0.00 | 29.76 1.14 0.00 | 31.37 1.26 0.00 | 30.71 1.27 0.00 | 31.55 1.36 0.00 | 32.47 1.34 0.00 | 33.04 1.48 0.00 | 34.66 1.62 0.00 | 42.44 2.25 0.00 | 50.84 2.92 0.00 | 40.84 2.13 0.00 | 34.64 1.81 0.00 | 31.64 1.54 0.00 | 28.72 1.21 0.00 | 26.20 0.81 0.00 |
| MARSH_HILL_WT_PWR 323713 | 26.27 1.46 0.00 | 23.84 1.28 0.00 | 21.70 1.21 0.00 | 21.47 1.25 0.00 | 20.84 1.22 0.00 | 22.64 1.58 0.00 | 23.24 1.40 0.00 | 24.66 1.17 0.00 | 26.52 1.19 0.00 | 26.73 1.42 0.00 | 30.27 1.66 0.00 | 31.76 1.65 0.00 | 31.09 1.65 0.00 | 31.79 1.60 0.00 | 32.69 1.56 0.00 | 32.93 1.36 -0.02 | 34.82 1.78 0.00 | 42.88 2.69 0.00 | 51.13 3.21 0.00 | 41.11 2.40 0.00 | 35.20 2.37 0.00 | 32.21 2.11 0.00 | 29.27 1.76 0.00 | 27.17 1.78 0.00 |
| MCINTYRE_115KV_TB2 80467 | 25.12 0.32 0.00 | 22.80 0.25 0.00 | 20.71 0.23 0.00 | 20.43 0.22 0.00 | 19.66 0.04 0.00 | 20.98 -0.08 0.00 | 21.86 0.02 0.00 | 23.60 0.12 0.00 | 25.21 -0.13 0.00 | 25.11 -0.20 0.00 | 28.35 -0.26 0.00 | 29.86 -0.24 0.00 | 29.09 -0.35 0.00 | 29.80 -0.39 0.00 | 30.76 -0.37 0.00 | 31.27 -0.28 0.00 | 33.01 -0.03 0.00 | 40.47 0.28 0.00 | 48.25 0.34 0.00 | 38.63 -0.08 0.00 | 33.07 0.23 0.00 | 30.40 0.30 0.00 | 27.95 0.44 0.00 | 25.80 0.41 0.00 |
| MECO____69_KV_BK1 80468 | 26.07 1.26 0.00 | 23.75 1.20 0.00 | 21.57 1.09 0.00 | 21.22 1.01 0.00 | 20.68 1.06 0.00 | 22.13 1.07 0.00 | 23.02 1.18 0.00 | 25.01 1.53 0.00 | 27.33 2.00 0.00 | 27.26 1.95 0.00 | 30.76 2.15 0.00 | 32.57 2.47 0.00 | 31.92 2.47 0.00 | 32.85 2.66 0.00 | 33.72 2.58 0.00 | 34.30 2.75 0.00 | 35.95 2.91 0.00 | 44.13 3.94 0.00 | 52.90 4.98 0.00 | 42.35 3.64 0.00 | 35.89 3.05 0.00 | 32.75 2.65 0.00 | 29.68 2.17 0.00 | 26.99 1.60 0.00 |
| MENANDS_115KV_TB5 355628 | 25.47 0.67 0.00 | 23.18 0.63 0.00 | 21.04 0.55 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 21.59 0.53 0.00 | 22.40 0.57 0.00 | 24.35 0.87 0.00 | 26.37 1.04 0.00 | 26.32 1.01 0.00 | 29.84 1.23 0.00 | 31.46 1.35 0.00 | 30.80 1.35 0.00 | 31.64 1.45 0.00 | 32.63 1.49 0.00 | 33.10 1.55 0.00 | 34.56 1.52 0.00 | 42.12 1.93 0.00 | 50.12 2.20 0.00 | 40.53 1.82 0.00 | 34.21 1.38 0.00 | 31.37 1.26 0.00 | 28.69 1.18 0.00 | 26.18 0.79 0.00 |
| MG INDUSTRY__DRP 24185 | 25.52 0.72 0.00 | 23.25 0.70 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.25 0.63 0.00 | 21.65 0.59 0.00 | 22.43 0.59 0.00 | 24.33 0.85 0.00 | 26.35 1.01 0.00 | 26.30 0.99 0.00 | 29.81 1.20 0.00 | 31.40 1.29 0.00 | 30.71 1.27 0.00 | 31.55 1.36 0.00 | 32.53 1.40 0.00 | 33.01 1.45 0.00 | 34.46 1.42 0.00 | 42.00 1.81 0.00 | 49.98 2.06 0.00 | 40.41 1.70 0.00 | 34.18 1.35 0.00 | 31.34 1.23 0.00 | 28.66 1.16 0.00 | 26.18 0.79 0.00 |
| MID__OSWEGATCHIE_HYD 23849 | 24.50 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.04 -0.45 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.70 -0.85 0.00 | 32.31 -0.73 0.00 | 39.51 -0.68 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| MID__RAQUETTE_HYD 23851 | 24.46 -0.35 0.00 | 22.19 -0.36 0.00 | 20.16 -0.33 0.00 | 19.91 -0.30 0.00 | 19.17 -0.45 0.00 | 20.34 -0.72 0.00 | 21.22 -0.61 0.00 | 22.85 -0.63 0.00 | 24.47 -0.86 0.00 | 24.40 -0.91 0.00 | 27.55 -1.06 0.00 | 29.02 -1.08 0.00 | 28.32 -1.12 0.00 | 28.98 -1.21 0.00 | 29.92 -1.21 0.00 | 30.39 -1.17 0.00 | 31.95 -1.09 0.00 | 39.03 -1.17 0.00 | 46.43 -1.49 0.00 | 37.31 -1.39 0.00 | 31.78 -1.05 0.00 | 29.32 -0.78 0.00 | 27.09 -0.41 0.00 | 25.06 -0.33 0.00 |
| MILLIKEN__1 23584 | 25.74 0.94 0.00 | 23.41 0.86 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.39 0.77 0.00 | 21.99 0.93 0.00 | 22.73 0.90 0.00 | 24.35 0.87 0.00 | 26.22 0.89 0.00 | 26.25 0.94 0.00 | 29.76 1.14 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.34 1.15 0.00 | 32.25 1.12 0.00 | 32.69 1.14 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 50.17 2.25 0.00 | 40.37 1.66 0.00 | 34.38 1.54 0.00 | 31.43 1.32 0.00 | 28.55 1.05 0.00 | 26.43 1.04 0.00 |
| MILLIKEN__2 23585 | 25.74 0.94 0.00 | 23.41 0.86 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.39 0.77 0.00 | 21.99 0.93 0.00 | 22.73 0.90 0.00 | 24.35 0.87 0.00 | 26.22 0.89 0.00 | 26.25 0.94 0.00 | 29.76 1.14 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.34 1.15 0.00 | 32.25 1.12 0.00 | 32.69 1.14 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 50.17 2.25 0.00 | 40.37 1.66 0.00 | 34.38 1.54 0.00 | 31.43 1.32 0.00 | 28.55 1.05 0.00 | 26.43 1.04 0.00 |
| MILLIKEN__DIESEL 23629 | 25.74 0.94 0.00 | 23.41 0.86 0.00 | 21.25 0.76 0.00 | 20.96 0.75 0.00 | 20.39 0.77 0.00 | 21.99 0.93 0.00 | 22.73 0.90 0.00 | 24.35 0.87 0.00 | 26.22 0.89 0.00 | 26.25 0.94 0.00 | 29.76 1.14 0.00 | 31.28 1.17 0.00 | 30.56 1.12 0.00 | 31.34 1.15 0.00 | 32.25 1.12 0.00 | 32.69 1.14 0.00 | 34.39 1.35 0.00 | 41.76 1.57 0.00 | 50.17 2.25 0.00 | 40.37 1.66 0.00 | 34.38 1.54 0.00 | 31.43 1.32 0.00 | 28.55 1.05 0.00 | 26.43 1.04 0.00 |

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| MILLSEAT___LFGE 323607 | 25.47 0.67 0.00 | 23.03 0.47 0.00 | 21.06 0.57 0.00 | 20.90 0.69 0.00 | 20.25 0.63 0.00 | 22.09 1.03 0.00 | 22.49 0.65 0.00 | 23.62 0.14 0.00 | 25.41 0.08 0.00 | 25.74 0.43 0.00 | 29.04 0.43 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.49 0.30 0.00 | 31.29 0.16 0.00 | 31.39 -0.19 -0.02 | 33.30 0.26 0.00 | 41.23 1.04 0.00 | 48.93 1.01 0.00 | 39.29 0.58 0.00 | 33.79 0.95 0.00 | 30.98 0.87 0.00 | 28.19 0.69 0.00 | 26.41 1.02 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 26.09 1.29 0.00 | 23.75 1.20 0.00 | 21.55 1.07 0.00 | 21.26 1.05 0.00 | 20.62 1.00 0.00 | 22.03 0.97 0.00 | 22.88 1.05 0.00 | 24.89 1.41 0.00 | 27.03 1.70 0.00 | 26.93 1.62 0.00 | 30.50 1.89 0.00 | 32.09 1.99 0.00 | 31.41 1.97 0.00 | 32.24 2.05 0.00 | 33.31 2.18 0.00 | 33.76 2.21 0.00 | 35.15 2.11 0.00 | 42.84 2.65 0.00 | 51.03 3.11 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.06 1.96 0.00 | 29.35 1.84 0.00 | 26.76 1.37 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 26.17 1.36 0.00 | 23.79 1.24 0.00 | 21.59 1.11 0.00 | 21.30 1.09 0.00 | 20.66 1.04 0.00 | 22.05 0.99 0.00 | 22.93 1.09 0.00 | 24.94 1.46 0.00 | 27.08 1.75 0.00 | 26.98 1.67 0.00 | 30.59 1.97 0.00 | 32.15 2.05 0.00 | 31.47 2.03 0.00 | 32.33 2.14 0.00 | 33.37 2.24 0.00 | 33.86 2.30 0.00 | 35.22 2.18 0.00 | 42.92 2.73 0.00 | 51.18 3.26 0.00 | 41.38 2.67 0.00 | 34.94 2.10 0.00 | 32.15 2.05 0.00 | 29.40 1.90 0.00 | 26.81 1.42 0.00 |
| MODEL_CITY_ENERGY 24167 | 25.03 0.22 0.00 | 22.62 0.07 0.00 | 20.74 0.25 0.00 | 20.60 0.38 0.00 | 19.95 0.33 0.00 | 21.78 0.72 0.00 | 22.10 0.26 0.00 | 23.18 -0.31 0.00 | 24.90 -0.43 0.00 | 25.26 -0.05 0.00 | 28.47 -0.14 0.00 | 29.83 -0.27 0.00 | 29.30 -0.15 0.00 | 29.89 -0.30 0.00 | 30.67 -0.47 0.00 | 30.75 -0.82 -0.02 | 32.61 -0.43 0.00 | 40.31 0.12 0.00 | 47.68 -0.24 0.00 | 38.40 -0.31 0.00 | 32.90 0.07 0.00 | 30.25 0.15 0.00 | 27.56 0.06 0.00 | 25.87 0.48 0.00 |
| MODERN_LFGE___ 323580 | 25.03 0.22 0.00 | 22.62 0.07 0.00 | 20.74 0.25 0.00 | 20.60 0.38 0.00 | 19.95 0.33 0.00 | 21.78 0.72 0.00 | 22.10 0.26 0.00 | 23.18 -0.31 0.00 | 24.90 -0.43 0.00 | 25.26 -0.05 0.00 | 28.47 -0.14 0.00 | 29.83 -0.27 0.00 | 29.30 -0.15 0.00 | 29.89 -0.30 0.00 | 30.67 -0.47 0.00 | 30.75 -0.82 -0.02 | 32.61 -0.43 0.00 | 40.31 0.12 0.00 | 47.68 -0.24 0.00 | 38.40 -0.31 0.00 | 32.90 0.07 0.00 | 30.25 0.15 0.00 | 27.56 0.06 0.00 | 25.87 0.48 0.00 |
| MOHAWK_PAPER___DRP 24187 | 25.57 0.77 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.82 0.61 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.42 0.94 0.00 | 26.47 1.14 0.00 | 26.42 1.11 0.00 | 29.96 1.34 0.00 | 31.58 1.47 0.00 | 30.91 1.47 0.00 | 31.76 1.57 0.00 | 32.75 1.62 0.00 | 33.23 1.67 0.00 | 34.72 1.69 0.00 | 42.28 2.09 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.38 1.54 0.00 | 31.52 1.41 0.00 | 28.80 1.29 0.00 | 26.28 0.89 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 25.82 1.02 0.00 | 23.48 0.92 0.00 | 21.33 0.84 0.00 | 20.98 0.77 0.00 | 20.45 0.82 0.00 | 21.84 0.78 0.00 | 22.67 0.83 0.00 | 24.66 1.17 0.00 | 26.90 1.57 0.00 | 26.88 1.57 0.00 | 30.50 1.89 0.00 | 32.12 2.02 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.09 1.96 0.00 | 33.61 2.05 0.00 | 35.19 2.15 0.00 | 43.04 2.85 0.00 | 51.42 3.50 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.09 1.99 0.00 | 29.24 1.73 0.00 | 26.61 1.22 0.00 |
| MONGAUP___HYD 23641 | 25.87 1.07 0.00 | 23.52 0.97 0.00 | 21.35 0.86 0.00 | 21.04 0.83 0.00 | 20.41 0.79 0.00 | 21.86 0.80 0.00 | 22.82 0.98 0.00 | 24.56 1.08 0.00 | 26.68 1.34 0.00 | 26.57 1.26 0.00 | 30.13 1.52 0.00 | 31.64 1.53 0.00 | 31.00 1.56 0.00 | 31.85 1.66 0.00 | 32.94 1.80 0.00 | 33.51 1.89 -0.07 | 34.96 1.92 0.00 | 42.12 1.93 0.00 | 50.46 2.54 0.00 | 40.80 2.09 0.00 | 34.57 1.74 0.00 | 31.73 1.62 0.00 | 28.99 1.48 0.00 | 26.59 1.19 0.00 |
| MONTAUK___DIESEL 23721 | 29.96 3.52 -1.64 | 25.19 2.64 0.00 | 23.07 2.58 0.00 | 23.41 3.19 0.00 | 22.52 2.90 0.00 | 22.79 1.73 0.00 | 23.56 1.73 0.00 | 26.39 2.91 0.00 | 28.60 3.27 0.00 | 28.40 3.09 0.00 | 32.50 3.89 0.00 | 35.73 4.27 -1.35 | 35.60 4.12 -2.03 | 37.33 4.29 -2.85 | 37.74 4.61 -2.00 | 38.49 4.64 -2.30 | 42.96 5.68 -4.24 | 56.08 6.39 -9.50 | 60.38 7.52 -4.94 | 46.59 6.35 -1.54 | 39.94 4.40 -2.71 | 38.40 4.15 -4.14 | 37.88 3.41 -6.96 | 28.81 3.20 -0.22 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 26.37 1.56 0.00 | 23.97 1.42 0.00 | 21.82 1.33 0.00 | 21.51 1.29 0.00 | 20.97 1.35 0.00 | 22.89 1.83 0.00 | 23.39 1.55 0.00 | 24.66 1.17 0.00 | 26.55 1.22 0.00 | 26.95 1.65 0.00 | 30.53 1.92 0.00 | 31.94 1.84 0.00 | 31.41 1.97 0.00 | 32.15 1.96 0.00 | 32.97 1.84 0.00 | 33.07 1.51 0.00 | 35.02 1.98 0.00 | 42.04 1.85 0.00 | 51.51 3.59 0.00 | 41.42 2.71 0.00 | 35.49 2.66 0.00 | 32.57 2.47 0.00 | 29.29 1.79 0.00 | 27.47 2.08 0.00 |
| MORTIMER_115KV_TB3 55949 | 25.17 0.37 0.00 | 22.85 0.29 0.00 | 20.80 0.31 0.00 | 20.50 0.28 0.00 | 19.90 0.27 0.00 | 21.63 0.57 0.00 | 22.25 0.41 0.00 | 23.51 0.02 0.00 | 25.38 0.05 0.00 | 25.59 0.28 0.00 | 28.93 0.31 0.00 | 30.40 0.30 0.00 | 29.77 0.32 0.00 | 30.43 0.24 0.00 | 31.26 0.12 0.00 | 31.46 -0.09 0.00 | 33.27 0.23 0.00 | 40.07 -0.12 0.00 | 48.68 0.77 0.00 | 39.09 0.39 0.00 | 33.33 0.49 0.00 | 30.52 0.42 0.00 | 27.64 0.14 0.00 | 25.93 0.53 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.06 1.75 0.00 | 30.64 2.03 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.24 2.14 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 26.99 2.18 0.00 | 24.54 1.99 0.00 | 22.27 1.78 0.00 | 22.01 1.80 0.00 | 21.35 1.73 0.00 | 23.21 2.15 0.00 | 23.93 2.10 0.00 | 25.85 2.37 0.00 | 27.77 2.43 0.00 | 27.79 2.48 0.00 | 31.53 2.92 0.00 | 33.14 3.04 0.00 | 32.30 2.86 0.00 | 33.12 2.93 0.00 | 34.06 2.93 0.00 | 34.64 3.06 -0.03 | 36.48 3.44 0.00 | 44.77 4.58 0.00 | 53.38 5.46 0.00 | 42.73 4.03 0.00 | 36.64 3.81 0.00 | 33.41 3.31 0.00 | 30.23 2.72 0.00 | 27.83 2.44 0.00 |
| N SALMON___HYD 24042 | 25.10 0.30 0.00 | 22.80 0.25 0.00 | 20.75 0.27 0.00 | 20.50 0.28 0.00 | 19.82 0.20 0.00 | 21.25 0.19 0.00 | 22.23 0.39 0.00 | 24.02 0.54 0.00 | 25.76 0.43 0.00 | 25.69 0.38 0.00 | 28.98 0.37 0.00 | 30.52 0.42 0.00 | 29.80 0.35 0.00 | 30.52 0.33 0.00 | 31.51 0.37 0.00 | 31.96 0.41 0.00 | 33.67 0.63 0.00 | 41.04 0.85 0.00 | 48.88 0.96 0.00 | 39.17 0.47 0.00 | 33.36 0.52 0.00 | 30.61 0.51 0.00 | 28.00 0.50 0.00 | 25.82 0.43 0.00 |
| N.AKRON___115KV_KNAPP 355671 | 25.42 0.62 0.00 | 23.16 0.61 0.00 | 21.02 0.53 0.00 | 20.80 0.59 0.00 | 20.25 0.63 0.00 | 22.11 1.05 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.46 0.13 0.00 | 25.79 0.48 0.00 | 29.10 0.49 0.00 | 30.49 0.39 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.40 -0.16 0.00 | 33.37 0.33 0.00 | 39.87 -0.32 0.00 | 48.97 1.05 0.00 | 39.33 0.62 0.00 | 33.79 0.95 0.00 | 31.00 0.90 0.00 | 27.92 0.41 0.00 | 26.33 0.94 0.00 |

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| N.BELMOR_69_KV_BK1 55787 | 28.30 1.86 -1.64 | 24.18 1.62 0.00 | 21.94 1.45 0.00 | 21.71 1.50 0.00 | 21.03 1.41 0.00 | 22.30 1.24 0.00 | 23.17 1.33 0.00 | 25.34 1.86 0.00 | 27.56 2.23 0.00 | 27.46 2.15 0.00 | 31.13 2.52 0.00 | 34.16 2.71 -1.35 | 34.13 2.65 -2.03 | 35.82 2.78 -2.85 | 36.06 2.93 -2.00 | 36.82 2.97 -2.30 | 40.18 2.91 -4.24 | 53.35 3.66 -9.50 | 57.21 4.36 -4.94 | 43.73 3.48 -1.54 | 38.37 2.82 -2.71 | 36.95 2.71 -4.14 | 36.94 2.48 -6.96 | 27.57 1.96 -0.22 |
| N.E_GEN_SANDY PD 24062 | 25.74 0.94 0.00 | 23.48 0.92 0.00 | 21.31 0.82 0.00 | 21.00 0.79 0.00 | 20.41 0.79 0.00 | 21.80 0.74 0.00 | 22.58 0.74 0.00 | 24.51 1.03 0.00 | 26.65 1.32 0.00 | 26.60 1.29 0.00 | 30.16 1.54 0.00 | 31.82 1.71 0.00 | 31.12 1.68 0.00 | 32.00 1.81 0.00 | 33.00 1.87 0.00 | 33.56 1.93 -0.09 | 34.92 1.88 0.00 | 42.40 2.21 0.00 | 50.60 2.68 0.00 | 40.91 2.21 0.00 | 34.51 1.67 0.00 | 31.67 1.56 0.00 | 28.94 1.43 0.00 | 26.41 1.02 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 25.94 1.14 0.00 | 23.63 1.08 0.00 | 21.47 0.98 0.00 | 21.18 0.97 0.00 | 20.54 0.92 0.00 | 21.94 0.88 0.00 | 22.84 1.00 0.00 | 24.75 1.27 0.00 | 26.83 1.49 0.00 | 26.73 1.42 0.00 | 30.24 1.63 0.00 | 31.79 1.69 0.00 | 31.12 1.68 0.00 | 31.97 1.78 0.00 | 33.03 1.90 0.00 | 33.51 1.96 0.00 | 34.92 1.88 0.00 | 42.52 2.33 0.00 | 50.65 2.73 0.00 | 40.95 2.24 0.00 | 34.61 1.77 0.00 | 31.82 1.72 0.00 | 29.13 1.62 0.00 | 26.61 1.22 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 26.37 1.56 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.87 1.39 0.00 | 26.98 1.65 0.00 | 26.85 1.54 0.00 | 30.41 1.80 0.00 | 32.00 1.90 0.00 | 31.30 1.85 0.00 | 32.15 1.96 0.00 | 33.19 2.05 0.00 | 33.67 2.11 0.00 | 35.15 2.11 0.00 | 42.84 2.65 0.00 | 51.08 3.16 0.00 | 41.30 2.59 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.89 1.50 0.00 |
| N.TROY___115KV_TB1 355778 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.88 0.67 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.66 0.00 | 24.45 0.96 0.00 | 26.52 1.19 0.00 | 26.47 1.16 0.00 | 30.01 1.40 0.00 | 31.64 1.54 0.00 | 30.97 1.53 0.00 | 31.82 1.63 0.00 | 32.78 1.65 0.00 | 33.26 1.70 0.00 | 34.76 1.72 0.00 | 42.36 2.17 0.00 | 50.46 2.54 0.00 | 40.76 2.05 0.00 | 34.41 1.58 0.00 | 31.55 1.44 0.00 | 28.85 1.35 0.00 | 26.33 0.94 0.00 |
| NARROWS_GT1_1 24228 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_2 24229 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_3 24230 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_4 24231 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_5 24232 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_6 24233 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_7 24234 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT1_8 24235 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_1 24236 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_2 24237 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NARROWS_GT2_3 24238 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_4 24239 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_5 24240 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_6 24241 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_7 24242 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NARROWS_GT2_8 24243 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.31 2.28 0.01 | 42.92 2.73 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 25.47 0.67 0.00 | 23.16 0.61 0.00 | 21.00 0.51 0.00 | 20.70 0.49 0.00 | 20.17 0.55 0.00 | 21.56 0.51 0.00 | 22.47 0.63 0.00 | 24.42 0.94 0.00 | 26.35 1.01 0.00 | 26.27 0.96 0.00 | 29.81 1.20 0.00 | 31.34 1.23 0.00 | 30.71 1.27 0.00 | 31.55 1.36 0.00 | 32.63 1.49 0.00 | 33.16 1.61 0.00 | 34.86 1.82 0.00 | 42.36 2.17 0.00 | 50.31 2.40 0.00 | 40.64 1.94 0.00 | 34.31 1.48 0.00 | 31.40 1.29 0.00 | 28.77 1.27 0.00 | 26.23 0.84 0.00 |
| NCHELSEA_115KV_TR2 355582 | 26.07 1.26 0.00 | 23.68 1.13 0.00 | 21.49 1.00 0.00 | 21.22 1.01 0.00 | 20.56 0.94 0.00 | 21.99 0.93 0.00 | 22.91 1.07 0.00 | 24.92 1.43 0.00 | 26.95 1.62 0.00 | 26.85 1.54 0.00 | 30.44 1.83 0.00 | 32.00 1.90 0.00 | 31.33 1.88 0.00 | 32.18 1.99 0.00 | 33.31 2.18 0.00 | 33.79 2.24 0.00 | 35.29 2.25 0.00 | 42.88 2.69 0.00 | 50.98 3.07 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.00 1.90 0.00 | 29.32 1.82 0.00 | 26.76 1.37 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 25.82 1.02 0.00 | 23.50 0.95 0.00 | 21.35 0.86 0.00 | 21.00 0.79 0.00 | 20.46 0.84 0.00 | 21.86 0.80 0.00 | 22.69 0.85 0.00 | 24.61 1.13 0.00 | 26.78 1.44 0.00 | 26.78 1.47 0.00 | 30.36 1.75 0.00 | 31.97 1.87 0.00 | 31.30 1.86 0.00 | 32.15 1.96 0.00 | 33.06 1.93 0.00 | 33.67 2.02 -0.10 | 35.12 2.08 0.00 | 42.77 2.57 0.00 | 51.13 3.21 0.00 | 41.22 2.51 0.00 | 34.84 2.00 0.00 | 31.94 1.84 0.00 | 29.10 1.59 0.00 | 26.56 1.17 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 24.65 -0.15 0.00 | 22.35 -0.20 0.00 | 20.30 -0.18 0.00 | 20.09 -0.12 0.00 | 19.46 -0.16 0.00 | 21.10 0.04 0.00 | 21.75 -0.09 0.00 | 23.11 -0.38 0.00 | 24.88 -0.46 0.00 | 25.03 -0.28 0.00 | 28.33 -0.29 0.00 | 29.80 -0.30 0.00 | 29.15 -0.29 0.00 | 29.80 -0.39 0.00 | 30.63 -0.50 0.00 | 30.91 -0.66 -0.02 | 32.64 -0.39 0.00 | 39.99 -0.20 0.00 | 47.68 -0.24 0.00 | 38.32 -0.39 0.00 | 32.64 -0.20 0.00 | 29.86 -0.24 0.00 | 27.23 -0.28 0.00 | 25.37 -0.03 0.00 |
| NEG CENTRAL___DRP 24199 | 25.45 0.64 0.00 | 23.12 0.56 0.00 | 21.00 0.51 0.00 | 20.72 0.51 0.00 | 20.15 0.53 0.00 | 21.78 0.72 0.00 | 22.49 0.66 0.00 | 24.00 0.52 0.00 | 25.84 0.51 0.00 | 25.94 0.63 0.00 | 29.38 0.77 0.00 | 30.88 0.78 0.00 | 30.18 0.74 0.00 | 30.91 0.72 0.00 | 31.82 0.68 0.00 | 32.19 0.63 0.00 | 33.93 0.89 0.00 | 41.00 0.80 0.00 | 49.45 1.53 0.00 | 39.75 1.05 0.00 | 33.98 1.15 0.00 | 31.03 0.93 0.00 | 28.17 0.66 0.00 | 26.15 0.76 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.27 1.46 0.00 | 23.77 1.22 0.00 | 21.61 1.13 0.00 | 21.40 1.19 0.00 | 20.72 1.10 0.00 | 22.53 1.47 0.00 | 23.17 1.33 0.00 | 24.59 1.10 0.00 | 26.47 1.14 0.00 | 26.57 1.26 0.00 | 30.04 1.43 0.00 | 31.52 1.42 0.00 | 30.86 1.41 0.00 | 31.52 1.33 0.00 | 32.41 1.28 0.00 | 32.68 1.10 -0.02 | 34.72 1.68 0.00 | 42.93 2.73 0.00 | 51.37 3.45 0.00 | 41.19 2.48 0.00 | 35.17 2.33 0.00 | 32.12 2.02 0.00 | 29.18 1.68 0.00 | 27.12 1.73 0.00 |
| NEG CENTRAL___SENECA 23627 | 25.65 0.84 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.86 0.65 0.00 | 20.29 0.67 0.00 | 21.97 0.91 0.00 | 22.67 0.83 0.00 | 24.16 0.68 0.00 | 26.02 0.68 0.00 | 26.14 0.84 0.00 | 29.64 1.03 0.00 | 31.16 1.05 0.00 | 30.44 1.00 0.00 | 31.15 0.97 0.00 | 32.07 0.93 0.00 | 32.37 0.82 0.00 | 34.20 1.16 0.00 | 41.20 1.00 0.00 | 49.83 1.92 0.00 | 40.06 1.35 0.00 | 34.31 1.48 0.00 | 31.34 1.23 0.00 | 28.39 0.88 0.00 | 26.38 0.99 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 25.42 0.62 0.00 | 23.09 0.54 0.00 | 20.96 0.47 0.00 | 20.70 0.49 0.00 | 20.11 0.49 0.00 | 21.71 0.65 0.00 | 22.45 0.61 0.00 | 24.00 0.52 0.00 | 25.87 0.53 0.00 | 25.92 0.61 0.00 | 29.36 0.74 0.00 | 30.88 0.78 0.00 | 30.18 0.74 0.00 | 30.94 0.75 0.00 | 31.85 0.72 0.00 | 32.22 0.66 0.00 | 33.93 0.89 0.00 | 41.20 1.00 0.00 | 49.45 1.53 0.00 | 39.83 1.12 0.00 | 33.89 1.05 0.00 | 30.97 0.87 0.00 | 28.14 0.63 0.00 | 26.10 0.71 0.00 |
| NEG MILLWOOD___DRP 24198 | 26.24 1.44 0.00 | 23.84 1.29 0.00 | 21.64 1.15 0.00 | 21.36 1.15 0.00 | 20.68 1.06 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.16 1.82 0.00 | 27.06 1.75 0.00 | 30.70 2.09 0.00 | 32.24 2.14 0.00 | 31.59 2.15 0.00 | 32.48 2.29 0.00 | 33.56 2.43 0.00 | 34.05 2.49 0.00 | 35.48 2.44 0.00 | 43.17 2.97 0.00 | 51.42 3.50 0.00 | 41.61 2.90 0.00 | 35.13 2.30 0.00 | 32.24 2.14 0.00 | 29.49 1.98 0.00 | 26.87 1.47 0.00 |

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|----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG NORTH_FLCN_SEA 23793 | 25.40 0.60 0.00 | 23.07 0.52 0.00 | 21.02 0.53 0.00 | 20.76 0.55 0.00 | 20.11 0.49 0.00 | 21.61 0.55 0.00 | 22.60 0.76 0.00 | 24.42 0.94 0.00 | 26.22 0.89 0.00 | 26.14 0.84 0.00 | 29.47 0.86 0.00 | 31.07 0.96 0.00 | 30.33 0.88 0.00 | 31.06 0.88 0.00 | 32.10 0.97 0.00 | 32.53 0.98 0.00 | 34.26 1.22 0.00 | 41.72 1.53 0.00 | 49.74 1.82 0.00 | 39.87 1.16 0.00 | 33.92 1.08 0.00 | 31.10 0.99 0.00 | 28.39 0.88 0.00 | 26.18 0.79 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 25.05 0.25 0.00 | 22.78 0.23 0.00 | 20.73 0.25 0.00 | 20.48 0.26 0.00 | 19.84 0.22 0.00 | 21.31 0.25 0.00 | 22.27 0.44 0.00 | 24.07 0.59 0.00 | 25.84 0.51 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.61 0.51 0.00 | 29.88 0.44 0.00 | 30.61 0.42 0.00 | 31.63 0.50 0.00 | 32.06 0.50 0.00 | 33.73 0.69 0.00 | 41.12 0.92 0.00 | 48.97 1.05 0.00 | 39.33 0.62 0.00 | 33.43 0.59 0.00 | 30.61 0.51 0.00 | 27.97 0.47 0.00 | 25.77 0.38 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 25.40 0.60 0.00 | 23.07 0.52 0.00 | 21.00 0.51 0.00 | 20.74 0.53 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.62 0.79 0.00 | 24.45 0.96 0.00 | 26.22 0.89 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 31.07 0.96 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 32.13 1.00 0.00 | 32.56 1.01 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.83 1.92 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.13 1.02 0.00 | 28.41 0.91 0.00 | 26.18 0.79 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 25.40 0.60 0.00 | 23.07 0.52 0.00 | 21.00 0.51 0.00 | 20.74 0.53 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.62 0.79 0.00 | 24.45 0.96 0.00 | 26.22 0.89 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 31.07 0.96 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 32.13 1.00 0.00 | 32.56 1.01 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.83 1.92 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.13 1.02 0.00 | 28.41 0.91 0.00 | 26.18 0.79 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 25.40 0.59 0.00 | 23.07 0.52 0.00 | 21.00 0.51 0.00 | 20.76 0.55 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.62 0.78 0.00 | 24.45 0.96 0.00 | 26.22 0.89 0.00 | 26.14 0.83 0.00 | 29.50 0.89 0.00 | 31.06 0.96 0.00 | 30.36 0.91 0.00 | 31.06 0.88 0.00 | 32.13 1.00 0.00 | 32.56 1.01 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.84 1.92 0.00 | 39.95 1.24 0.00 | 33.98 1.15 0.00 | 31.13 1.02 0.00 | 28.41 0.91 0.00 | 26.18 0.79 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 25.20 0.40 0.00 | 22.96 0.41 0.00 | 20.86 0.37 0.00 | 20.64 0.42 0.00 | 20.09 0.47 0.00 | 21.97 0.91 0.00 | 22.34 0.50 0.00 | 23.39 -0.09 0.00 | 25.21 -0.13 0.00 | 25.54 0.23 0.00 | 28.78 0.17 0.00 | 30.16 0.06 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.04 -0.09 0.00 | 31.11 -0.44 0.00 | 33.01 -0.03 0.00 | 39.39 -0.80 0.00 | 48.30 0.38 0.00 | 38.86 0.15 0.00 | 33.33 0.49 0.00 | 30.61 0.51 0.00 | 27.59 0.08 0.00 | 26.08 0.69 0.00 |
| NEG WEST___LANCASTR 23811 | 25.79 0.99 0.00 | 23.45 0.90 0.00 | 21.35 0.86 0.00 | 21.08 0.87 0.00 | 20.52 0.90 0.00 | 22.39 1.33 0.00 | 22.88 1.05 0.00 | 24.19 0.70 0.00 | 26.07 0.73 0.00 | 26.37 1.06 0.00 | 29.78 1.17 0.00 | 31.19 1.08 0.00 | 30.62 1.18 0.00 | 31.37 1.18 0.00 | 32.16 1.03 0.00 | 32.25 0.69 0.00 | 34.16 1.12 0.00 | 41.00 0.80 0.00 | 50.12 2.20 0.00 | 40.33 1.63 0.00 | 34.51 1.67 0.00 | 31.70 1.60 0.00 | 28.55 1.05 0.00 | 26.71 1.32 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 25.65 0.84 0.00 | 23.32 0.77 0.00 | 21.19 0.70 0.00 | 20.92 0.71 0.00 | 20.31 0.69 0.00 | 21.90 0.84 0.00 | 22.62 0.78 0.00 | 24.23 0.75 0.00 | 26.12 0.79 0.00 | 26.19 0.89 0.00 | 29.67 1.06 0.00 | 31.18 1.08 0.00 | 30.50 1.06 0.00 | 31.24 1.06 0.00 | 32.19 1.06 0.00 | 32.60 1.01 -0.03 | 34.23 1.19 0.00 | 41.80 1.61 0.00 | 49.84 1.92 0.00 | 40.18 1.47 0.00 | 34.21 1.38 0.00 | 31.34 1.23 0.00 | 28.53 1.02 0.00 | 26.36 0.96 0.00 |
| NEG___GEN_MONROE 24207 | 25.30 0.50 0.00 | 22.98 0.43 0.00 | 20.92 0.43 0.00 | 20.62 0.40 0.00 | 19.99 0.37 0.00 | 21.75 0.69 0.00 | 22.36 0.52 0.00 | 23.62 0.14 0.00 | 25.51 0.18 0.00 | 25.69 0.38 0.00 | 29.04 0.43 0.00 | 30.49 0.39 0.00 | 29.85 0.41 0.00 | 30.46 0.27 0.00 | 31.23 0.09 0.00 | 31.46 -0.09 0.00 | 33.37 0.33 0.00 | 40.11 -0.08 0.00 | 48.68 0.77 0.00 | 39.17 0.46 0.00 | 33.39 0.56 0.00 | 30.55 0.45 0.00 | 27.70 0.19 0.00 | 26.03 0.63 0.00 |
| NEPA___ENERGY 23901 | 26.04 1.24 0.00 | 23.68 1.13 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.72 1.10 0.00 | 22.60 1.54 0.00 | 23.10 1.27 0.00 | 24.40 0.92 0.00 | 26.27 0.94 0.00 | 26.60 1.29 0.00 | 30.04 1.43 0.00 | 31.46 1.35 0.00 | 30.88 1.44 0.00 | 31.64 1.45 0.00 | 32.44 1.31 0.00 | 32.56 1.01 0.00 | 34.49 1.45 0.00 | 41.36 1.17 0.00 | 50.55 2.64 0.00 | 40.68 1.97 0.00 | 34.81 1.97 0.00 | 31.97 1.87 0.00 | 28.80 1.29 0.00 | 26.99 1.60 0.00 |
| NEVERSINK___HYD 23608 | 26.09 1.29 0.00 | 23.72 1.17 0.00 | 21.53 1.04 0.00 | 21.22 1.01 0.00 | 20.58 0.96 0.00 | 22.05 0.99 0.00 | 23.01 1.18 0.00 | 24.77 1.29 0.00 | 26.90 1.57 0.00 | 26.80 1.49 0.00 | 30.41 1.80 0.00 | 31.91 1.81 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.25 2.12 0.00 | 33.80 2.18 -0.07 | 35.35 2.31 0.00 | 42.56 2.37 0.00 | 50.94 3.02 0.00 | 41.19 2.48 0.00 | 34.87 2.04 0.00 | 32.00 1.90 0.00 | 29.27 1.76 0.00 | 26.81 1.42 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 25.35 0.55 0.00 | 23.07 0.52 0.00 | 20.96 0.47 0.00 | 20.66 0.44 0.00 | 20.11 0.49 0.00 | 21.50 0.44 0.00 | 22.32 0.48 0.00 | 24.26 0.77 0.00 | 26.27 0.94 0.00 | 26.22 0.91 0.00 | 29.73 1.12 0.00 | 31.34 1.23 0.00 | 30.65 1.21 0.00 | 31.49 1.30 0.00 | 32.47 1.34 0.00 | 32.94 1.39 0.00 | 34.39 1.35 0.00 | 41.92 1.73 0.00 | 49.88 1.96 0.00 | 40.33 1.63 0.00 | 34.05 1.21 0.00 | 31.25 1.14 0.00 | 28.55 1.05 0.00 | 26.05 0.66 0.00 |
| NEWTON___FALLS_HYD 23847 | 24.50 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.04 -0.45 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.70 -0.85 0.00 | 32.31 -0.73 0.00 | 39.51 -0.68 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| NGRID_A1_DSASP 323792 | 24.73 -0.07 0.00 | 22.60 0.05 0.00 | 20.47 -0.02 0.00 | 20.29 0.08 0.00 | 19.68 0.06 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.99 -0.49 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.59 -0.60 0.00 | 30.38 -0.75 0.00 | 30.47 -1.11 -0.02 | 32.28 -0.76 0.00 | 39.87 -0.32 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 27.29 -0.22 0.00 | 25.65 0.25 0.00 |
| NGRID_A2_DSASP 323793 | 24.73 -0.07 0.00 | 22.60 0.05 0.00 | 20.47 -0.02 0.00 | 20.29 0.08 0.00 | 19.68 0.06 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.99 -0.49 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.59 -0.60 0.00 | 30.38 -0.75 0.00 | 30.47 -1.11 -0.02 | 32.28 -0.76 0.00 | 39.87 -0.32 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 27.29 -0.22 0.00 | 25.65 0.25 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NGRID_A4_DSASP 323807 | 24.73 -0.07 0.00 | 22.60 0.05 0.00 | 20.47 -0.02 0.00 | 20.29 0.08 0.00 | 19.68 0.06 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.99 -0.49 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.59 -0.60 0.00 | 30.38 -0.75 0.00 | 30.47 -1.11 -0.02 | 32.28 -0.76 0.00 | 39.87 -0.32 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 27.29 -0.22 0.00 | 25.65 0.25 0.00 |
| NIAGARA_115E_LBMP 323715 | 24.90 0.10 0.00 | 22.51 -0.05 0.00 | 20.65 0.16 0.00 | 20.52 0.30 0.00 | 19.88 0.25 0.00 | 21.67 0.61 0.00 | 21.99 0.15 0.00 | 23.06 -0.42 0.00 | 24.78 -0.56 0.00 | 25.11 -0.20 0.00 | 28.30 -0.31 0.00 | 29.65 -0.45 0.00 | 29.12 -0.32 0.00 | 29.70 -0.48 0.00 | 30.48 -0.66 0.00 | 30.56 -1.01 -0.02 | 32.41 -0.63 0.00 | 40.03 -0.16 0.00 | 47.35 -0.57 0.00 | 38.13 -0.58 0.00 | 32.70 -0.13 0.00 | 30.04 -0.06 0.00 | 27.40 -0.11 0.00 | 25.72 0.33 0.00 |
| NIAGARA_115W_LBMP 323714 | 24.65 -0.15 0.00 | 22.53 -0.02 0.00 | 20.41 -0.08 0.00 | 20.23 0.02 0.00 | 19.62 0.00 0.00 | 21.42 0.36 0.00 | 21.88 0.04 0.00 | 22.94 -0.54 0.00 | 24.62 -0.71 0.00 | 24.95 -0.35 0.00 | 28.10 -0.51 0.00 | 29.47 -0.63 0.00 | 28.91 -0.53 0.00 | 29.50 -0.69 0.00 | 30.29 -0.84 0.00 | 30.38 -1.20 -0.02 | 32.18 -0.86 0.00 | 39.75 -0.44 0.00 | 47.01 -0.91 0.00 | 37.86 -0.85 0.00 | 32.44 -0.39 0.00 | 29.83 -0.27 0.00 | 27.20 -0.30 0.00 | 25.57 0.18 0.00 |
| NIAGARA_230_LBMP 323716 | 25.00 0.20 0.00 | 22.69 0.14 0.00 | 20.69 0.20 0.00 | 20.52 0.30 0.00 | 19.88 0.25 0.00 | 21.71 0.65 0.00 | 22.16 0.33 0.00 | 23.25 -0.23 0.00 | 24.98 -0.35 0.00 | 25.28 -0.03 0.00 | 28.50 -0.11 0.00 | 29.89 -0.21 0.00 | 29.32 -0.12 0.00 | 29.92 -0.27 0.00 | 30.73 -0.41 0.00 | 30.82 -0.76 -0.02 | 32.64 -0.39 0.00 | 40.27 0.08 0.00 | 47.68 -0.24 0.00 | 38.40 -0.31 0.00 | 32.90 0.07 0.00 | 30.22 0.12 0.00 | 27.59 0.08 0.00 | 25.90 0.51 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 24.60 -0.20 0.00 | 22.39 -0.16 0.00 | 20.55 0.06 0.00 | 20.13 -0.08 0.00 | 19.58 -0.04 0.00 | 21.42 0.36 0.00 | 21.88 0.04 0.00 | 22.87 -0.61 0.00 | 24.62 -0.71 0.00 | 24.95 -0.35 0.00 | 28.10 -0.52 0.00 | 29.47 -0.63 0.00 | 28.91 -0.53 0.00 | 29.59 -0.60 0.00 | 30.29 -0.84 0.00 | 30.36 -1.20 0.00 | 32.21 -0.83 0.00 | 38.38 -1.81 0.00 | 47.01 -0.91 0.00 | 37.86 -0.85 0.00 | 32.44 -0.39 0.00 | 29.83 -0.27 0.00 | 26.90 -0.61 0.00 | 25.47 0.08 0.00 |
| NIAGARA____ 23760 | 25.00 0.20 0.00 | 22.69 0.14 0.00 | 20.69 0.20 0.00 | 20.52 0.30 0.00 | 19.88 0.25 0.00 | 21.71 0.65 0.00 | 22.16 0.33 0.00 | 23.25 -0.23 0.00 | 24.98 -0.35 0.00 | 25.28 -0.03 0.00 | 28.50 -0.11 0.00 | 29.89 -0.21 0.00 | 29.32 -0.12 0.00 | 29.92 -0.27 0.00 | 30.73 -0.41 0.00 | 30.82 -0.76 -0.02 | 32.64 -0.39 0.00 | 40.27 0.08 0.00 | 47.68 -0.24 0.00 | 38.40 -0.31 0.00 | 32.90 0.07 0.00 | 30.22 0.12 0.00 | 27.59 0.08 0.00 | 25.90 0.51 0.00 |
| NINE_MILE_1 23575 | 24.36 -0.45 0.00 | 22.15 -0.41 0.00 | 20.12 -0.37 0.00 | 19.85 -0.36 0.00 | 19.27 -0.35 0.00 | 20.74 -0.32 0.00 | 21.46 -0.37 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.81 -0.80 0.00 | 29.23 -0.87 0.00 | 28.59 -0.85 0.00 | 29.28 -0.90 0.00 | 30.20 -0.93 0.00 | 30.59 -0.98 -0.01 | 32.08 -0.96 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.62 -1.08 0.00 | 31.95 -0.89 0.00 | 29.26 -0.84 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| NINE_MILE_2 23744 | 24.36 -0.45 0.00 | 22.15 -0.41 0.00 | 20.12 -0.37 0.00 | 19.85 -0.36 0.00 | 19.27 -0.35 0.00 | 20.74 -0.32 0.00 | 21.46 -0.37 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.81 -0.80 0.00 | 29.23 -0.87 0.00 | 28.59 -0.85 0.00 | 29.28 -0.90 0.00 | 30.20 -0.93 0.00 | 30.59 -0.98 -0.01 | 32.08 -0.96 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.62 -1.08 0.00 | 31.95 -0.89 0.00 | 29.26 -0.84 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| NM_CAPITAL____DRP 24208 | 25.42 0.62 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.72 0.51 0.00 | 20.17 0.55 0.00 | 21.56 0.51 0.00 | 22.36 0.52 0.00 | 24.30 0.82 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.30 0.00 | 31.58 1.39 0.00 | 32.56 1.43 0.00 | 33.04 1.48 0.00 | 34.49 1.45 0.00 | 42.04 1.85 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.20 0.00 | 28.63 1.13 0.00 | 26.13 0.74 0.00 |
| NM_CENTRAL____DRP 24181 | 24.95 0.15 0.00 | 22.66 0.11 0.00 | 20.59 0.10 0.00 | 20.31 0.10 0.00 | 19.74 0.12 0.00 | 21.25 0.19 0.00 | 21.99 0.15 0.00 | 23.46 -0.02 0.00 | 25.23 -0.10 0.00 | 25.23 -0.08 0.00 | 28.53 -0.09 0.00 | 30.01 -0.09 0.00 | 29.35 -0.09 0.00 | 30.07 -0.12 0.00 | 30.98 -0.16 0.00 | 31.36 -0.19 0.00 | 32.94 -0.10 0.00 | 39.99 -0.20 0.00 | 47.92 0.00 0.00 | 38.63 -0.08 0.00 | 32.84 0.00 0.00 | 30.04 -0.06 0.00 | 27.40 -0.11 0.00 | 25.47 0.08 0.00 |
| NM_FRONTIER____DRP 24179 | 24.60 -0.20 0.00 | 22.39 -0.16 0.00 | 20.55 0.06 0.00 | 20.13 -0.08 0.00 | 19.58 -0.04 0.00 | 21.42 0.36 0.00 | 21.88 0.04 0.00 | 22.87 -0.61 0.00 | 24.62 -0.71 0.00 | 24.95 -0.35 0.00 | 28.10 -0.52 0.00 | 29.47 -0.63 0.00 | 28.91 -0.53 0.00 | 29.59 -0.60 0.00 | 30.29 -0.84 0.00 | 30.36 -1.20 0.00 | 32.21 -0.83 0.00 | 38.38 -1.81 0.00 | 47.01 -0.91 0.00 | 37.86 -0.85 0.00 | 32.44 -0.39 0.00 | 29.83 -0.27 0.00 | 26.90 -0.61 0.00 | 25.47 0.08 0.00 |
| NM_ST_REGIS____HYD 24053 | 24.58 -0.22 0.00 | 22.33 -0.23 0.00 | 20.30 -0.18 0.00 | 20.03 -0.18 0.00 | 19.31 -0.31 0.00 | 20.55 -0.51 0.00 | 21.47 -0.37 0.00 | 23.13 -0.35 0.00 | 24.78 -0.56 0.00 | 24.73 -0.58 0.00 | 27.90 -0.72 0.00 | 29.38 -0.72 0.00 | 28.71 -0.74 0.00 | 29.37 -0.82 0.00 | 30.32 -0.81 0.00 | 30.77 -0.79 0.00 | 32.38 -0.66 0.00 | 39.55 -0.64 0.00 | 47.06 -0.86 0.00 | 37.78 -0.93 0.00 | 32.18 -0.66 0.00 | 29.62 -0.48 0.00 | 27.29 -0.22 0.00 | 25.24 -0.15 0.00 |
| NORTHPORT____1 23551 | 28.29 1.84 -1.65 | 24.24 1.69 0.00 | 22.00 1.52 0.00 | 21.57 1.35 -0.01 | 20.99 1.37 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.13 1.64 0.00 | 27.46 2.13 0.00 | 27.36 2.05 0.00 | 31.07 2.46 0.00 | 34.11 2.65 -1.36 | 34.08 2.59 -2.04 | 35.80 2.75 -2.86 | 36.01 2.86 -2.01 | 36.84 2.90 -2.38 | 39.96 2.68 -4.25 | 52.75 3.05 -9.51 | 56.65 3.78 -4.94 | 43.35 3.10 -1.54 | 38.08 2.53 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.50 1.88 -0.23 |
| NORTHPORT____2 23552 | 28.29 1.84 -1.65 | 24.24 1.69 0.00 | 22.00 1.52 0.00 | 21.57 1.35 -0.01 | 20.99 1.37 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.13 1.64 0.00 | 27.46 2.13 0.00 | 27.36 2.05 0.00 | 31.07 2.46 0.00 | 34.11 2.65 -1.36 | 34.08 2.59 -2.04 | 35.80 2.75 -2.86 | 36.01 2.86 -2.01 | 36.84 2.90 -2.38 | 39.96 2.68 -4.25 | 52.75 3.05 -9.51 | 56.65 3.78 -4.94 | 43.35 3.10 -1.54 | 38.08 2.53 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.50 1.88 -0.23 |
| NORTHPORT____3 23553 | 28.33 1.88 -1.65 | 24.29 1.74 0.00 | 22.07 1.58 0.00 | 21.63 1.41 -0.01 | 21.05 1.43 0.00 | 22.30 1.24 0.00 | 23.15 1.31 0.00 | 25.22 1.74 0.00 | 27.54 2.20 0.00 | 27.46 2.15 0.00 | 31.16 2.55 0.00 | 34.20 2.74 -1.36 | 34.16 2.68 -2.04 | 35.89 2.84 -2.86 | 36.10 2.96 -2.01 | 36.97 3.03 -2.38 | 40.29 3.01 -4.25 | 53.28 3.58 -9.51 | 57.27 4.41 -4.94 | 43.77 3.52 -1.54 | 38.34 2.79 -2.72 | 36.99 2.74 -4.15 | 36.87 2.39 -6.97 | 27.57 1.96 -0.23 |

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| NORTHPORT___4 23650 | 28.33 1.88 -1.65 | 24.29 1.74 0.00 | 22.07 1.58 0.00 | 21.63 1.41 -0.01 | 21.05 1.43 0.00 | 22.30 1.24 0.00 | 23.15 1.31 0.00 | 25.22 1.74 0.00 | 27.54 2.20 0.00 | 27.46 2.15 0.00 | 31.16 2.55 0.00 | 34.20 2.74 -1.36 | 34.16 2.68 -2.04 | 35.89 2.84 -2.86 | 36.10 2.96 -2.01 | 36.97 3.03 -2.38 | 40.29 3.01 -4.25 | 53.28 3.58 -9.51 | 57.27 4.41 -4.94 | 43.77 3.52 -1.54 | 38.34 2.79 -2.72 | 36.99 2.74 -4.15 | 36.87 2.39 -6.97 | 27.57 1.96 -0.23 |
| NORTHPORT___IC 23718 | 28.29 1.84 -1.65 | 24.24 1.69 0.00 | 22.00 1.52 0.00 | 21.57 1.35 -0.01 | 20.99 1.37 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.13 1.64 0.00 | 27.46 2.13 0.00 | 27.36 2.05 0.00 | 31.07 2.46 0.00 | 34.11 2.65 -1.36 | 34.08 2.59 -2.04 | 35.80 2.75 -2.86 | 36.01 2.86 -2.01 | 36.84 2.90 -2.38 | 39.96 2.68 -4.25 | 52.75 3.05 -9.51 | 56.65 3.78 -4.94 | 43.35 3.10 -1.54 | 38.08 2.53 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.50 1.88 -0.23 |
| NORTH___COUNTRY_ESR 323785 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.65 0.16 0.00 | 20.41 0.20 0.00 | 19.78 0.16 0.00 | 21.23 0.17 0.00 | 22.18 0.35 0.00 | 23.95 0.47 0.00 | 25.74 0.40 0.00 | 25.66 0.35 0.00 | 28.96 0.34 0.00 | 30.49 0.39 0.00 | 29.80 0.35 0.00 | 30.52 0.33 0.00 | 31.51 0.37 0.00 | 31.93 0.38 0.00 | 33.60 0.56 0.00 | 40.92 0.72 0.00 | 48.73 0.81 0.00 | 39.13 0.43 0.00 | 33.26 0.43 0.00 | 30.49 0.39 0.00 | 27.86 0.36 0.00 | 25.70 0.31 0.00 |
| NPX_GEN_1385_PROXY 323591 | 28.29 1.84 -1.65 | 24.24 1.69 0.00 | 22.00 1.52 0.00 | 21.57 1.35 -0.01 | 20.99 1.37 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.13 1.64 0.00 | 27.46 2.13 0.00 | 27.36 2.05 0.00 | 31.07 2.46 0.00 | 34.11 2.65 -1.36 | 34.08 2.59 -2.04 | 35.80 2.75 -2.86 | 36.01 2.86 -2.01 | 36.84 2.90 -2.38 | 39.96 2.68 -4.25 | 52.75 3.05 -9.51 | 56.65 3.78 -4.94 | 43.35 3.10 -1.54 | 38.08 2.53 -2.72 | 36.84 2.59 -4.15 | 36.78 2.31 -6.97 | 27.50 1.88 -0.23 |
| NPX_GEN_CSC 323557 | 29.13 2.68 -1.65 | 25.14 2.59 0.00 | 23.07 2.58 0.00 | 22.06 1.84 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.37 5.51 -4.94 | 45.05 4.80 -1.54 | 38.64 3.09 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.93 2.31 -0.23 |
| NSINS_S_GLNS_FALLS 23858 | 25.79 0.99 0.00 | 23.48 0.92 0.00 | 21.31 0.82 0.00 | 20.98 0.77 0.00 | 20.45 0.82 0.00 | 21.82 0.76 0.00 | 22.67 0.83 0.00 | 24.66 1.17 0.00 | 26.90 1.57 0.00 | 26.88 1.57 0.00 | 30.50 1.89 0.00 | 32.12 2.02 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.06 1.93 0.00 | 33.61 2.05 0.00 | 35.19 2.15 0.00 | 43.00 2.81 0.00 | 51.42 3.50 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.09 1.99 0.00 | 29.24 1.73 0.00 | 26.61 1.22 0.00 |
| NUCOR_STEEL___DRP 24197 | 25.45 0.64 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.74 0.53 0.00 | 20.15 0.53 0.00 | 21.75 0.69 0.00 | 22.47 0.63 0.00 | 24.00 0.52 0.00 | 25.87 0.53 0.00 | 25.89 0.58 0.00 | 29.33 0.72 0.00 | 30.85 0.75 0.00 | 30.15 0.71 0.00 | 30.91 0.72 0.00 | 31.82 0.68 0.00 | 32.19 0.63 0.00 | 33.87 0.83 0.00 | 41.12 0.92 0.00 | 49.40 1.49 0.00 | 39.75 1.05 0.00 | 33.85 1.02 0.00 | 30.94 0.84 0.00 | 28.14 0.63 0.00 | 26.13 0.74 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 24.93 0.12 0.00 | 22.67 0.11 0.00 | 20.55 0.06 0.00 | 20.29 0.08 0.00 | 19.64 0.02 0.00 | 21.14 0.08 0.00 | 21.90 0.07 0.00 | 23.62 0.14 0.00 | 25.36 0.03 0.00 | 25.31 0.00 0.00 | 28.61 0.00 0.00 | 30.07 -0.03 0.00 | 29.32 -0.12 0.00 | 30.10 -0.09 0.00 | 31.04 -0.09 0.00 | 31.56 0.00 -0.01 | 33.21 0.17 0.00 | 40.59 0.40 0.00 | 48.45 0.53 0.00 | 38.94 0.23 0.00 | 33.23 0.40 0.00 | 30.40 0.30 0.00 | 27.73 0.22 0.00 | 25.57 0.18 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 24.80 0.00 0.00 | 22.55 0.00 0.00 | 20.49 0.00 0.00 | 20.21 0.00 0.00 | 19.62 0.00 0.00 | 21.06 0.00 0.00 | 21.84 0.00 0.00 | 23.48 0.00 0.00 | 25.33 0.00 0.00 | 25.31 0.00 0.00 | 28.61 0.00 0.00 | 30.10 0.00 0.00 | 29.44 0.00 0.00 | 30.19 0.00 0.00 | 31.13 0.00 0.00 | 31.55 0.00 0.00 | 33.04 0.00 0.00 | 40.19 0.00 0.00 | 47.92 0.00 0.00 | 38.71 0.00 0.00 | 32.84 0.00 0.00 | 30.10 0.00 0.00 | 27.51 0.00 0.00 | 25.39 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 28.73 2.28 -1.65 | 24.67 2.12 0.00 | 22.46 1.97 0.00 | 21.88 1.66 -0.01 | 21.35 1.73 0.00 | 22.39 1.33 0.00 | 23.21 1.38 0.00 | 25.36 1.88 0.00 | 27.77 2.43 0.00 | 27.64 2.33 0.00 | 31.44 2.83 0.00 | 34.53 3.07 -1.36 | 34.49 3.00 -2.04 | 36.19 3.14 -2.86 | 36.48 3.33 -2.01 | 37.32 3.38 -2.38 | 40.79 3.50 -4.25 | 53.72 4.02 -9.51 | 57.80 4.94 -4.94 | 44.28 4.03 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 37.11 2.64 -6.97 | 27.88 2.26 -0.23 |
| NYPA_GOWANUS___GT5 24156 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.28 2.25 0.01 | 42.88 2.69 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NYPA_GOWANUS___GT6 24157 | 26.41 1.61 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.40 1.19 0.00 | 20.78 1.16 0.00 | 22.08 1.03 0.01 | 22.98 1.16 0.01 | 24.96 1.48 0.01 | 27.17 1.85 0.01 | 27.10 1.80 0.01 | 30.69 2.09 0.01 | 32.29 2.20 0.01 | 31.58 2.15 0.01 | 32.47 2.29 0.01 | 33.52 2.40 0.01 | 34.09 2.46 -0.07 | 35.28 2.25 0.01 | 42.88 2.69 0.01 | 51.31 3.40 0.01 | 41.45 2.75 0.01 | 35.03 2.20 0.01 | 32.26 2.17 0.01 | 29.43 1.92 0.00 | 26.99 1.60 0.00 |
| NYPA_HARLEM__RVR_GT1 24160 | 26.32 1.51 0.00 | 23.86 1.31 0.00 | 21.70 1.21 0.00 | 21.32 1.11 0.00 | 20.68 1.06 0.00 | 21.94 0.88 0.01 | 22.81 0.98 0.01 | 24.74 1.27 0.01 | 26.92 1.60 0.01 | 26.82 1.52 0.01 | 30.35 1.75 0.01 | 31.93 1.84 0.01 | 31.26 1.83 0.01 | 32.14 1.96 0.01 | 33.12 1.99 0.01 | 33.70 2.08 -0.07 | 35.08 2.05 0.01 | 42.64 2.45 0.01 | 50.98 3.07 0.01 | 41.21 2.51 0.01 | 34.70 1.87 0.01 | 31.96 1.87 0.01 | 29.18 1.68 0.00 | 26.84 1.45 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 26.32 1.51 0.00 | 23.86 1.31 0.00 | 21.70 1.21 0.00 | 21.32 1.11 0.00 | 20.68 1.06 0.00 | 21.94 0.88 0.01 | 22.81 0.98 0.01 | 24.74 1.27 0.01 | 26.92 1.60 0.01 | 26.82 1.52 0.01 | 30.35 1.75 0.01 | 31.93 1.84 0.01 | 31.26 1.83 0.01 | 32.14 1.96 0.01 | 33.12 1.99 0.01 | 33.70 2.08 -0.07 | 35.08 2.05 0.01 | 42.64 2.45 0.01 | 50.98 3.07 0.01 | 41.21 2.51 0.01 | 34.70 1.87 0.01 | 31.96 1.87 0.01 | 29.18 1.68 0.00 | 26.84 1.45 0.00 |
| NYPA_KENT___GT 24152 | 26.34 1.54 0.00 | 23.91 1.35 0.00 | 21.74 1.25 0.00 | 21.36 1.15 0.00 | 20.74 1.12 0.00 | 22.04 0.99 0.01 | 22.94 1.11 0.01 | 24.91 1.43 0.01 | 27.12 1.80 0.01 | 27.05 1.74 0.01 | 30.61 2.00 0.01 | 32.20 2.11 0.01 | 31.52 2.09 0.01 | 32.38 2.20 0.01 | 33.43 2.30 0.01 | 33.99 2.37 -0.07 | 35.18 2.15 0.01 | 42.76 2.57 0.01 | 51.12 3.21 0.01 | 41.33 2.63 0.01 | 34.93 2.10 0.01 | 32.20 2.11 0.01 | 29.38 1.87 0.00 | 26.92 1.52 0.00 |

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| NYPA_POUCH1____GT 24155 | 26.44 1.64 0.00 | 23.97 1.42 0.00 | 21.80 1.31 0.00 | 21.43 1.21 0.00 | 20.80 1.18 0.00 | 22.10 1.05 0.01 | 23.01 1.18 0.01 | 24.98 1.50 0.01 | 27.20 1.87 0.01 | 27.12 1.82 0.01 | 30.72 2.12 0.01 | 32.32 2.23 0.01 | 31.61 2.18 0.01 | 32.51 2.32 0.01 | 33.55 2.43 0.01 | 34.12 2.49 -0.07 | 35.34 2.31 0.01 | 42.88 2.69 0.01 | 51.26 3.35 0.01 | 41.45 2.75 0.01 | 34.99 2.17 0.01 | 32.29 2.20 0.01 | 29.46 1.95 0.00 | 27.02 1.63 0.00 |
| NYPA_VERNON____GT2 24162 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.02 0.97 0.01 | 22.92 1.09 0.01 | 24.86 1.39 0.01 | 27.07 1.75 0.01 | 26.97 1.67 0.01 | 30.55 1.95 0.01 | 32.14 2.05 0.01 | 31.44 2.00 0.01 | 32.29 2.11 0.01 | 33.33 2.21 0.01 | 33.86 2.24 -0.07 | 35.11 2.08 0.01 | 42.68 2.49 0.01 | 51.02 3.11 0.01 | 41.25 2.55 0.01 | 34.83 2.00 0.01 | 32.14 2.05 0.01 | 29.32 1.82 0.00 | 26.86 1.47 0.00 |
| NYPA_VERNON____GT3 24163 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.02 0.97 0.01 | 22.92 1.09 0.01 | 24.86 1.39 0.01 | 27.07 1.75 0.01 | 26.97 1.67 0.01 | 30.55 1.95 0.01 | 32.14 2.05 0.01 | 31.44 2.00 0.01 | 32.29 2.11 0.01 | 33.33 2.21 0.01 | 33.86 2.24 -0.07 | 35.11 2.08 0.01 | 42.68 2.49 0.01 | 51.02 3.11 0.01 | 41.25 2.55 0.01 | 34.83 2.00 0.01 | 32.14 2.05 0.01 | 29.32 1.82 0.00 | 26.86 1.47 0.00 |
| NYPA____ASTORIA_CC1 323568 | 26.24 1.44 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.68 1.06 0.00 | 22.00 0.95 0.01 | 22.88 1.05 0.01 | 24.81 1.34 0.01 | 27.02 1.70 0.01 | 26.92 1.62 0.01 | 30.49 1.89 0.01 | 32.08 1.99 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.80 2.18 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.93 3.02 0.01 | 41.18 2.48 0.01 | 34.76 1.94 0.01 | 32.08 1.99 0.01 | 29.29 1.79 0.00 | 26.84 1.45 0.00 |
| NYPA____ASTORIA_CC2 323569 | 26.24 1.44 0.00 | 23.84 1.28 0.00 | 21.68 1.19 0.00 | 21.30 1.09 0.00 | 20.68 1.06 0.00 | 22.00 0.95 0.01 | 22.88 1.05 0.01 | 24.81 1.34 0.01 | 27.02 1.70 0.01 | 26.92 1.62 0.01 | 30.49 1.89 0.01 | 32.08 1.99 0.01 | 31.38 1.94 0.01 | 32.23 2.05 0.01 | 33.27 2.15 0.01 | 33.80 2.18 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.93 3.02 0.01 | 41.18 2.48 0.01 | 34.76 1.94 0.01 | 32.08 1.99 0.01 | 29.29 1.79 0.00 | 26.84 1.45 0.00 |
| NYPA____HOLTSVILL 23794 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.90 2.42 0.00 | 22.02 1.80 -0.01 | 21.66 2.04 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.69 2.36 0.00 | 27.51 2.20 0.00 | 31.44 2.83 0.00 | 34.59 3.13 -1.36 | 34.52 3.03 -2.04 | 36.13 3.08 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.48 4.20 -4.25 | 54.24 4.54 -9.51 | 58.23 5.37 -4.94 | 44.86 4.60 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| NYPA____HELLGATE_GT1 24158 | 26.32 1.51 0.00 | 23.86 1.31 0.00 | 21.70 1.21 0.00 | 21.32 1.11 0.00 | 20.68 1.06 0.00 | 21.94 0.88 0.01 | 22.81 0.98 0.01 | 24.74 1.27 0.01 | 26.92 1.60 0.01 | 26.82 1.52 0.01 | 30.35 1.75 0.01 | 31.93 1.84 0.01 | 31.23 1.80 0.01 | 32.11 1.93 0.01 | 33.12 1.99 0.01 | 33.70 2.08 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.98 3.07 0.01 | 41.18 2.48 0.01 | 34.66 1.84 0.01 | 31.96 1.87 0.01 | 29.18 1.68 0.00 | 26.84 1.45 0.00 |
| NYPA____HELLGATE_GT2 24159 | 26.32 1.51 0.00 | 23.86 1.31 0.00 | 21.70 1.21 0.00 | 21.32 1.11 0.00 | 20.68 1.06 0.00 | 21.94 0.88 0.01 | 22.81 0.98 0.01 | 24.74 1.27 0.01 | 26.92 1.60 0.01 | 26.82 1.52 0.01 | 30.35 1.75 0.01 | 31.93 1.84 0.01 | 31.23 1.80 0.01 | 32.11 1.93 0.01 | 33.12 1.99 0.01 | 33.70 2.08 -0.07 | 35.05 2.02 0.01 | 42.59 2.41 0.01 | 50.98 3.07 0.01 | 41.18 2.48 0.01 | 34.66 1.84 0.01 | 31.96 1.87 0.01 | 29.18 1.68 0.00 | 26.84 1.45 0.00 |
| NYS_BARGE____HYD 23848 | 25.25 0.45 0.00 | 22.84 0.29 0.00 | 20.92 0.43 0.00 | 20.76 0.55 0.00 | 20.11 0.49 0.00 | 21.94 0.88 0.00 | 22.32 0.48 0.00 | 23.41 -0.07 0.00 | 25.18 -0.15 0.00 | 25.51 0.20 0.00 | 28.78 0.17 0.00 | 30.16 0.06 0.00 | 29.62 0.18 0.00 | 30.22 0.03 0.00 | 31.01 -0.12 0.00 | 31.10 -0.47 -0.02 | 32.97 -0.07 0.00 | 40.80 0.60 0.00 | 48.30 0.38 0.00 | 38.82 0.12 0.00 | 33.33 0.49 0.00 | 30.58 0.48 0.00 | 27.86 0.36 0.00 | 26.15 0.76 0.00 |
| OAK ORCHARD____HYD 24046 | 25.20 0.40 0.00 | 22.84 0.29 0.00 | 20.78 0.29 0.00 | 20.56 0.34 0.00 | 19.92 0.29 0.00 | 21.63 0.57 0.00 | 22.25 0.41 0.00 | 23.58 0.09 0.00 | 25.38 0.05 0.00 | 25.59 0.28 0.00 | 28.93 0.32 0.00 | 30.40 0.30 0.00 | 29.77 0.32 0.00 | 30.37 0.18 0.00 | 31.26 0.13 0.00 | 31.48 -0.09 -0.02 | 33.27 0.23 0.00 | 40.87 0.68 0.00 | 48.68 0.76 0.00 | 39.09 0.39 0.00 | 33.33 0.49 0.00 | 30.52 0.42 0.00 | 27.84 0.33 0.00 | 25.98 0.58 0.00 |
| OAKDALE__35_KV_LOAD 356122 | 25.55 0.74 0.00 | 23.23 0.68 0.00 | 21.10 0.61 0.00 | 20.82 0.61 0.00 | 20.23 0.61 0.00 | 21.82 0.76 0.00 | 22.54 0.70 0.00 | 24.14 0.66 0.00 | 26.04 0.71 0.00 | 26.09 0.78 0.00 | 29.53 0.92 0.00 | 31.03 0.93 0.00 | 30.35 0.91 0.00 | 31.12 0.94 0.00 | 32.07 0.93 0.00 | 32.44 0.88 0.00 | 34.06 1.02 0.00 | 41.32 1.13 0.00 | 49.60 1.68 0.00 | 39.98 1.28 0.00 | 34.05 1.21 0.00 | 31.19 1.08 0.00 | 28.36 0.85 0.00 | 26.23 0.84 0.00 |
| OCC_CHEM____DRP 24175 | 24.65 -0.15 0.00 | 22.46 -0.09 0.00 | 20.61 0.12 0.00 | 20.19 -0.02 0.00 | 19.64 0.02 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.94 -0.54 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.68 -0.51 0.00 | 30.39 -0.75 0.00 | 30.45 -1.10 0.00 | 32.28 -0.76 0.00 | 38.46 -1.73 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 26.98 -0.52 0.00 | 25.54 0.15 0.00 |
| OH_GEN_PROXY 24063 | 25.00 0.20 0.00 | 22.71 0.16 0.00 | 20.69 0.20 0.00 | 20.52 0.30 0.00 | 19.88 0.25 0.00 | 21.71 0.65 0.00 | 22.18 0.35 0.00 | 23.29 -0.19 0.00 | 25.03 -0.30 0.00 | 25.33 0.03 0.00 | 28.55 -0.06 0.00 | 29.92 -0.18 0.00 | 29.38 -0.06 0.00 | 29.98 -0.21 0.00 | 30.79 -0.34 0.00 | 30.88 -0.69 -0.02 | 32.74 -0.30 0.00 | 40.35 0.16 0.00 | 47.77 -0.14 0.00 | 38.48 -0.23 0.00 | 32.97 0.13 0.00 | 30.28 0.18 0.00 | 27.62 0.11 0.00 | 25.90 0.51 0.00 |
| OLIN_CORP_DRP 24177 | 24.88 0.07 0.00 | 22.69 0.14 0.00 | 20.57 0.08 0.00 | 20.39 0.18 0.00 | 19.88 0.26 0.00 | 21.71 0.65 0.00 | 22.05 0.22 0.00 | 23.06 -0.42 0.00 | 24.85 -0.48 0.00 | 25.16 -0.15 0.00 | 28.35 -0.26 0.00 | 29.71 -0.39 0.00 | 29.18 -0.26 0.00 | 29.86 -0.33 0.00 | 30.57 -0.56 0.00 | 30.64 -0.92 0.00 | 32.48 -0.56 0.00 | 38.74 -1.45 0.00 | 47.49 -0.43 0.00 | 38.24 -0.46 0.00 | 32.77 -0.07 0.00 | 30.13 0.03 0.00 | 27.15 -0.36 0.00 | 25.70 0.30 0.00 |
| OLIN_CORP_DSASP 323712 | 24.73 -0.07 0.00 | 22.60 0.05 0.00 | 20.47 -0.02 0.00 | 20.29 0.08 0.00 | 19.68 0.06 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.99 -0.49 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.59 -0.60 0.00 | 30.38 -0.75 0.00 | 30.47 -1.11 -0.02 | 32.28 -0.76 0.00 | 39.87 -0.32 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 27.29 -0.22 0.00 | 25.65 0.25 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ONEIDA_HERK_LFGE 323681 | 25.22 0.42 0.00 | 22.91 0.36 0.00 | 20.80 0.31 0.00 | 20.53 0.32 0.00 | 19.90 0.27 0.00 | 21.44 0.38 0.00 | 22.18 0.35 0.00 | 23.93 0.45 0.00 | 25.74 0.40 0.00 | 25.71 0.40 0.00 | 29.10 0.49 0.00 | 30.58 0.48 0.00 | 29.85 0.41 0.00 | 30.64 0.45 0.00 | 31.60 0.47 0.00 | 32.09 0.54 0.00 | 33.70 0.66 0.00 | 41.15 0.96 0.00 | 49.07 1.15 0.00 | 39.48 0.77 0.00 | 33.62 0.79 0.00 | 30.76 0.66 0.00 | 28.06 0.55 0.00 | 25.85 0.46 0.00 |
| ONEIDA___115KV_TB4 55905 | 25.55 0.74 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.80 0.59 0.00 | 20.17 0.55 0.00 | 21.75 0.69 0.00 | 22.51 0.68 0.00 | 24.23 0.75 0.00 | 26.09 0.76 0.00 | 26.07 0.76 0.00 | 29.53 0.92 0.00 | 31.07 0.96 0.00 | 30.33 0.88 0.00 | 31.12 0.94 0.00 | 32.10 0.97 0.00 | 32.56 1.01 0.00 | 34.20 1.16 0.00 | 41.68 1.49 0.00 | 49.83 1.92 0.00 | 40.10 1.39 0.00 | 34.15 1.31 0.00 | 31.25 1.14 0.00 | 28.41 0.91 0.00 | 26.23 0.84 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 25.08 0.27 0.00 | 22.80 0.25 0.00 | 20.69 0.20 0.00 | 20.41 0.20 0.00 | 19.84 0.22 0.00 | 21.38 0.32 0.00 | 22.12 0.28 0.00 | 23.62 0.14 0.00 | 25.43 0.10 0.00 | 25.44 0.13 0.00 | 28.78 0.17 0.00 | 30.25 0.15 0.00 | 29.59 0.15 0.00 | 30.34 0.15 0.00 | 31.26 0.12 0.00 | 31.65 0.09 0.00 | 33.24 0.20 0.00 | 40.39 0.20 0.00 | 48.35 0.43 0.00 | 39.02 0.31 0.00 | 33.16 0.33 0.00 | 30.34 0.24 0.00 | 27.64 0.14 0.00 | 25.65 0.25 0.00 |
| ONONDAGA___COGEN 23986 | 25.15 0.35 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.19 0.35 0.00 | 23.69 0.21 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.46 0.27 0.00 | 31.38 0.25 0.00 | 31.78 0.22 0.00 | 33.37 0.33 0.00 | 40.51 0.32 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.73 0.22 0.00 | 25.75 0.36 0.00 |
| ONTARIO___LFGE 23819 | 25.67 0.87 0.00 | 23.27 0.72 0.00 | 21.14 0.66 0.00 | 20.90 0.69 0.00 | 20.29 0.67 0.00 | 21.99 0.93 0.00 | 22.67 0.83 0.00 | 24.19 0.70 0.00 | 26.02 0.68 0.00 | 26.14 0.83 0.00 | 29.64 1.03 0.00 | 31.15 1.05 0.00 | 30.44 1.00 0.00 | 31.13 0.94 0.00 | 32.07 0.93 0.00 | 32.39 0.82 -0.02 | 34.20 1.16 0.00 | 41.76 1.57 0.00 | 49.84 1.92 0.00 | 40.06 1.35 0.00 | 34.35 1.51 0.00 | 31.34 1.23 0.00 | 28.53 1.02 0.00 | 26.43 1.04 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.67 0.87 0.00 | 23.30 0.74 0.00 | 21.23 0.74 0.00 | 21.02 0.81 0.00 | 20.41 0.79 0.00 | 22.20 1.14 0.00 | 22.71 0.87 0.00 | 24.00 0.52 0.00 | 25.79 0.46 0.00 | 26.07 0.76 0.00 | 29.44 0.83 0.00 | 30.88 0.78 0.00 | 30.27 0.82 0.00 | 30.94 0.76 0.00 | 31.75 0.62 0.00 | 31.92 0.35 0.00 | 33.80 0.76 0.00 | 41.68 1.49 0.00 | 49.50 1.58 0.00 | 39.83 1.12 0.00 | 34.11 1.28 0.00 | 31.31 1.21 0.00 | 28.50 0.99 0.00 | 26.59 1.19 0.00 |
| ORANGEVILLE___ESR 323794 | 25.67 0.87 0.00 | 23.30 0.74 0.00 | 21.23 0.74 0.00 | 21.02 0.81 0.00 | 20.41 0.79 0.00 | 22.20 1.14 0.00 | 22.71 0.87 0.00 | 24.00 0.52 0.00 | 25.79 0.46 0.00 | 26.07 0.76 0.00 | 29.44 0.83 0.00 | 30.88 0.78 0.00 | 30.27 0.82 0.00 | 30.94 0.76 0.00 | 31.75 0.62 0.00 | 31.92 0.35 -0.02 | 33.80 0.76 0.00 | 41.68 1.49 0.00 | 49.50 1.58 0.00 | 39.83 1.12 0.00 | 34.11 1.28 0.00 | 31.31 1.21 0.00 | 28.50 0.99 0.00 | 26.59 1.19 0.00 |
| OSWEGATCHIE___HYD 24044 | 24.51 -0.30 0.00 | 22.26 -0.29 0.00 | 20.20 -0.29 0.00 | 19.95 -0.26 0.00 | 19.25 -0.37 0.00 | 20.60 -0.46 0.00 | 21.40 -0.44 0.00 | 23.06 -0.42 0.00 | 24.70 -0.63 0.00 | 24.65 -0.66 0.00 | 27.84 -0.77 0.00 | 29.29 -0.81 0.00 | 28.59 -0.85 0.00 | 29.31 -0.88 0.00 | 30.23 -0.90 0.00 | 30.71 -0.85 0.00 | 32.31 -0.73 0.00 | 39.47 -0.72 0.00 | 47.10 -0.81 0.00 | 37.82 -0.89 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.18 -0.33 0.00 | 25.14 -0.25 0.00 |
| OSWEGO___5 23606 | 24.48 -0.32 0.00 | 22.24 -0.32 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.35 -0.27 0.00 | 20.83 -0.23 0.00 | 21.55 -0.28 0.00 | 23.04 -0.45 0.00 | 24.78 -0.56 0.00 | 24.78 -0.53 0.00 | 27.95 -0.66 0.00 | 29.38 -0.72 0.00 | 28.74 -0.71 0.00 | 29.46 -0.72 0.00 | 30.38 -0.75 0.00 | 30.78 -0.79 -0.01 | 32.25 -0.79 0.00 | 39.31 -0.88 0.00 | 46.86 -1.05 0.00 | 37.82 -0.89 0.00 | 32.14 -0.69 0.00 | 29.41 -0.69 0.00 | 26.90 -0.61 0.00 | 25.01 -0.38 0.00 |
| OSWEGO___6 23613 | 24.48 -0.32 0.00 | 22.24 -0.32 0.00 | 20.20 -0.29 0.00 | 19.93 -0.28 0.00 | 19.35 -0.27 0.00 | 20.83 -0.23 0.00 | 21.55 -0.28 0.00 | 23.04 -0.45 0.00 | 24.78 -0.56 0.00 | 24.78 -0.53 0.00 | 27.95 -0.66 0.00 | 29.38 -0.72 0.00 | 28.74 -0.71 0.00 | 29.46 -0.72 0.00 | 30.38 -0.75 0.00 | 30.78 -0.79 -0.01 | 32.25 -0.79 0.00 | 39.31 -0.88 0.00 | 46.86 -1.05 0.00 | 37.82 -0.89 0.00 | 32.14 -0.69 0.00 | 29.41 -0.69 0.00 | 26.90 -0.61 0.00 | 25.01 -0.38 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 25.37 0.57 0.00 | 23.12 0.56 0.00 | 21.08 0.59 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 22.09 1.03 0.00 | 22.51 0.68 0.00 | 23.58 0.09 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.07 0.46 0.00 | 30.46 0.36 0.00 | 29.91 0.47 0.00 | 30.61 0.42 0.00 | 31.35 0.22 0.00 | 31.43 -0.13 0.00 | 33.34 0.30 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.25 0.54 0.00 | 33.62 0.79 0.00 | 30.91 0.81 0.00 | 27.84 0.33 0.00 | 26.31 0.91 0.00 |
| OXBOW___ 24026 | 25.12 0.32 0.00 | 22.91 0.36 0.00 | 20.82 0.33 0.00 | 20.64 0.43 0.00 | 19.99 0.37 0.00 | 21.84 0.78 0.00 | 22.27 0.44 0.00 | 23.37 -0.12 0.00 | 25.11 -0.23 0.00 | 25.46 0.15 0.00 | 28.70 0.09 0.00 | 30.07 -0.03 0.00 | 29.56 0.12 0.00 | 30.16 -0.03 0.00 | 30.95 -0.19 0.00 | 31.04 -0.54 -0.02 | 32.91 -0.13 0.00 | 40.68 0.48 0.00 | 48.11 0.19 0.00 | 38.71 0.00 0.00 | 33.20 0.36 0.00 | 30.49 0.39 0.00 | 27.78 0.28 0.00 | 26.10 0.71 0.00 |
| OXY_CHEM_DSASP 323612 | 24.65 -0.15 0.00 | 22.46 -0.09 0.00 | 20.61 0.12 0.00 | 20.19 -0.02 0.00 | 19.64 0.02 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.94 -0.54 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.68 -0.51 0.00 | 30.39 -0.75 0.00 | 30.45 -1.10 0.00 | 32.28 -0.76 0.00 | 38.46 -1.73 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 26.98 -0.52 0.00 | 25.54 0.15 0.00 |
| OZONE_PARK_ESR 323760 | 26.44 1.64 0.00 | 24.02 1.47 0.00 | 21.82 1.33 0.00 | 21.51 1.29 0.00 | 20.86 1.24 0.00 | 22.26 1.20 0.00 | 23.17 1.33 0.00 | 25.22 1.74 0.00 | 27.39 2.05 0.00 | 27.28 1.97 0.00 | 30.90 2.29 0.00 | 32.51 2.41 0.00 | 31.80 2.36 0.00 | 32.66 2.48 0.00 | 33.72 2.58 0.00 | 34.17 2.62 0.00 | 35.48 2.44 0.00 | 43.33 3.13 0.00 | 51.66 3.74 0.00 | 41.76 3.06 0.00 | 35.23 2.40 0.00 | 32.54 2.44 0.00 | 29.76 2.26 0.00 | 27.12 1.73 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 24.65 -0.15 0.00 | 22.46 -0.09 0.00 | 20.61 0.12 0.00 | 20.19 -0.02 0.00 | 19.64 0.02 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.94 -0.54 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.68 -0.51 0.00 | 30.39 -0.75 0.00 | 30.45 -1.10 0.00 | 32.28 -0.76 0.00 | 38.46 -1.73 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 26.98 -0.52 0.00 | 25.54 0.15 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PACKARD__115KV_DUPONT_184 80571 | 24.65 -0.15 0.00 | 22.46 -0.09 0.00 | 20.61 0.12 0.00 | 20.19 -0.02 0.00 | 19.64 0.02 0.00 | 21.48 0.42 0.00 | 21.95 0.11 0.00 | 22.94 -0.54 0.00 | 24.70 -0.63 0.00 | 25.03 -0.28 0.00 | 28.18 -0.43 0.00 | 29.56 -0.54 0.00 | 29.00 -0.44 0.00 | 29.68 -0.51 0.00 | 30.39 -0.75 0.00 | 30.45 -1.10 0.00 | 32.28 -0.76 0.00 | 38.46 -1.73 0.00 | 47.15 -0.77 0.00 | 37.97 -0.74 0.00 | 32.54 -0.30 0.00 | 29.92 -0.18 0.00 | 26.98 -0.52 0.00 | 25.54 0.15 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 26.34 1.54 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.38 1.17 0.00 | 20.72 1.10 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.84 1.36 0.00 | 26.93 1.60 0.00 | 26.83 1.52 0.00 | 30.39 1.77 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.16 2.02 0.00 | 33.67 2.11 0.00 | 35.12 2.08 0.00 | 42.80 2.61 0.00 | 50.98 3.07 0.00 | 41.22 2.52 0.00 | 34.74 1.90 0.00 | 32.00 1.90 0.00 | 29.29 1.79 0.00 | 26.87 1.47 0.00 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 26.56 1.76 0.00 | 24.11 1.56 0.00 | 21.90 1.41 0.00 | 21.57 1.35 0.00 | 20.90 1.28 0.00 | 22.15 1.10 0.00 | 23.04 1.20 0.00 | 25.06 1.57 0.00 | 27.18 1.85 0.00 | 27.03 1.72 0.00 | 30.61 2.00 0.00 | 32.21 2.11 0.00 | 31.50 2.06 0.00 | 32.36 2.17 0.00 | 33.40 2.27 0.00 | 33.89 2.34 0.00 | 35.35 2.31 0.00 | 43.13 2.93 0.00 | 51.42 3.50 0.00 | 41.57 2.86 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 27.12 1.73 0.00 |
| PATROON__115KV_TB1 80586 | 25.40 0.60 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.70 0.49 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.36 0.52 0.00 | 24.30 0.82 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.30 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.01 1.45 0.00 | 34.49 1.45 0.00 | 42.04 1.85 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.20 0.00 | 28.63 1.13 0.00 | 26.13 0.74 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 25.79 0.99 0.00 | 23.48 0.92 0.00 | 21.37 0.88 0.00 | 21.10 0.89 0.00 | 20.54 0.92 0.00 | 22.41 1.35 0.00 | 22.88 1.05 0.00 | 24.14 0.66 0.00 | 26.02 0.68 0.00 | 26.35 1.04 0.00 | 29.73 1.12 0.00 | 31.16 1.05 0.00 | 30.59 1.15 0.00 | 31.34 1.15 0.00 | 32.13 1.00 0.00 | 32.22 0.66 0.00 | 34.13 1.09 0.00 | 40.91 0.72 0.00 | 50.07 2.16 0.00 | 40.26 1.55 0.00 | 34.48 1.64 0.00 | 31.67 1.57 0.00 | 28.50 0.99 0.00 | 26.74 1.35 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 26.24 1.44 0.00 | 23.84 1.29 0.00 | 21.64 1.15 0.00 | 21.36 1.15 0.00 | 20.68 1.06 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.16 1.82 0.00 | 27.06 1.75 0.00 | 30.70 2.09 0.00 | 32.24 2.14 0.00 | 31.59 2.15 0.00 | 32.48 2.29 0.00 | 33.56 2.43 0.00 | 34.05 2.49 0.00 | 35.48 2.44 0.00 | 43.17 2.97 0.00 | 51.42 3.50 0.00 | 41.61 2.90 0.00 | 35.13 2.30 0.00 | 32.24 2.14 0.00 | 29.49 1.98 0.00 | 26.87 1.47 0.00 |
| PEEKSKILL____ 23653 | 26.04 1.24 0.00 | 23.70 1.15 0.00 | 21.53 1.04 0.00 | 21.20 0.99 0.00 | 20.58 0.96 0.00 | 21.99 0.93 0.00 | 22.86 1.03 0.00 | 24.77 1.29 0.00 | 26.96 1.62 0.00 | 26.88 1.57 0.00 | 30.44 1.83 0.00 | 32.03 1.93 0.00 | 31.33 1.89 0.00 | 32.21 2.02 0.00 | 33.22 2.09 0.00 | 33.78 2.15 -0.08 | 35.09 2.05 0.00 | 42.60 2.41 0.00 | 50.94 3.02 0.00 | 41.19 2.48 0.00 | 34.77 1.94 0.00 | 32.00 1.90 0.00 | 29.21 1.71 0.00 | 26.69 1.29 0.00 |
| PGE MADISON__WINDPWR 24146 | 26.99 2.18 0.00 | 24.54 1.99 0.00 | 22.27 1.78 0.00 | 22.01 1.80 0.00 | 21.35 1.73 0.00 | 23.21 2.15 0.00 | 23.93 2.10 0.00 | 25.85 2.37 0.00 | 27.77 2.43 0.00 | 27.79 2.48 0.00 | 31.53 2.92 0.00 | 33.14 3.04 0.00 | 32.30 2.86 0.00 | 33.12 2.93 0.00 | 34.06 2.93 0.00 | 34.64 3.06 -0.03 | 36.48 3.44 0.00 | 44.77 4.58 0.00 | 53.38 5.46 0.00 | 42.73 4.03 0.00 | 36.64 3.81 0.00 | 33.41 3.31 0.00 | 30.23 2.72 0.00 | 27.83 2.44 0.00 |
| PIERCEFIELD__HYD 23852 | 24.46 -0.35 0.00 | 22.19 -0.36 0.00 | 20.16 -0.33 0.00 | 19.91 -0.30 0.00 | 19.17 -0.45 0.00 | 20.34 -0.72 0.00 | 21.22 -0.61 0.00 | 22.85 -0.63 0.00 | 24.47 -0.86 0.00 | 24.40 -0.91 0.00 | 27.55 -1.06 0.00 | 29.02 -1.08 0.00 | 28.32 -1.12 0.00 | 28.98 -1.21 0.00 | 29.92 -1.21 0.00 | 30.39 -1.17 0.00 | 31.95 -1.09 0.00 | 39.03 -1.17 0.00 | 46.43 -1.49 0.00 | 37.31 -1.39 0.00 | 31.78 -1.05 0.00 | 29.32 -0.78 0.00 | 27.09 -0.41 0.00 | 25.06 -0.33 0.00 |
| PINELAWN_CC_1 323563 | 28.48 2.03 -1.65 | 24.40 1.85 0.00 | 22.19 1.70 0.00 | 21.72 1.50 -0.01 | 21.15 1.53 0.00 | 22.34 1.28 0.00 | 23.19 1.35 0.00 | 25.29 1.81 0.00 | 27.64 2.31 0.00 | 27.54 2.23 0.00 | 31.27 2.66 0.00 | 34.32 2.86 -1.36 | 34.28 2.80 -2.04 | 36.01 2.96 -2.86 | 36.23 3.08 -2.01 | 37.09 3.16 -2.38 | 40.46 3.17 -4.25 | 53.44 3.74 -9.51 | 57.51 4.65 -4.94 | 43.97 3.72 -1.54 | 38.51 2.96 -2.72 | 37.14 2.89 -4.15 | 37.00 2.53 -6.97 | 27.70 2.08 -0.23 |
| PJM_GEN_HTP_PROXY 323702 | 26.27 1.46 0.00 | 23.88 1.33 0.00 | 21.70 1.21 0.00 | 21.34 1.13 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 24.99 1.50 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.27 0.00 | 33.50 2.36 0.00 | 34.03 2.40 -0.08 | 35.29 2.25 0.00 | 42.88 2.69 0.00 | 51.27 3.35 0.00 | 41.46 2.75 0.00 | 35.00 2.17 0.00 | 32.30 2.20 0.00 | 29.49 1.98 0.00 | 26.92 1.52 0.00 |
| PJM_GEN_KEystone 24065 | 25.62 0.82 0.00 | 23.32 0.77 0.00 | 21.21 0.72 0.00 | 20.94 0.73 0.00 | 20.33 0.71 0.00 | 21.90 0.84 0.00 | 22.62 0.78 0.00 | 24.23 0.75 0.00 | 26.22 0.89 0.00 | 26.29 0.99 0.00 | 29.70 1.09 0.00 | 31.22 1.11 0.00 | 30.56 1.12 0.00 | 31.34 1.15 0.00 | 32.28 1.15 0.00 | 32.64 1.04 -0.05 | 34.20 1.16 0.00 | 41.80 1.61 0.00 | 49.79 1.87 0.00 | 40.21 1.51 0.00 | 34.15 1.31 0.00 | 31.40 1.29 0.00 | 28.64 1.13 0.00 | 26.41 1.02 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 27.11 1.59 -0.72 | 24.02 1.47 0.00 | 21.82 1.33 0.00 | 21.43 1.21 -0.01 | 20.84 1.22 0.00 | 22.11 1.05 0.00 | 22.97 1.13 0.00 | 25.01 1.53 0.00 | 27.28 1.95 0.00 | 27.21 1.90 0.00 | 30.84 2.23 0.00 | 33.07 2.38 -0.59 | 32.69 2.36 -0.89 | 33.94 2.50 -1.25 | 34.63 2.62 -0.88 | 35.29 2.65 -1.08 | 37.47 2.58 -1.85 | 47.42 3.09 -4.14 | 53.86 3.78 -2.15 | 42.40 3.02 -0.67 | 36.41 2.40 -1.18 | 34.29 2.38 -1.81 | 32.66 2.12 -3.03 | 27.17 1.68 -0.10 |
| PJM_GEN_VFT_PROXY 323633 | 26.14 1.34 0.00 | 23.77 1.22 0.00 | 21.57 1.09 0.00 | 21.26 1.05 0.00 | 20.64 1.02 0.00 | 22.05 0.99 0.00 | 22.95 1.11 0.00 | 24.89 1.41 0.00 | 27.13 1.80 0.00 | 27.03 1.72 0.00 | 30.56 1.95 0.00 | 32.12 2.02 0.00 | 31.41 1.97 0.00 | 32.27 2.08 0.00 | 33.31 2.18 0.00 | 33.87 2.24 -0.08 | 35.09 2.05 0.00 | 42.64 2.45 0.00 | 50.99 3.07 0.00 | 41.19 2.48 0.00 | 34.81 1.97 0.00 | 32.15 2.05 0.00 | 29.35 1.84 0.00 | 26.81 1.42 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 25.37 0.57 0.00 | 23.05 0.50 0.00 | 21.00 0.51 0.00 | 20.74 0.53 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.58 0.74 0.00 | 24.40 0.92 0.00 | 26.19 0.86 0.00 | 26.12 0.81 0.00 | 29.47 0.86 0.00 | 31.03 0.93 0.00 | 30.33 0.88 0.00 | 31.03 0.85 0.00 | 32.07 0.93 0.00 | 32.50 0.95 0.00 | 34.23 1.19 0.00 | 41.68 1.49 0.00 | 49.69 1.77 0.00 | 39.87 1.16 0.00 | 33.89 1.05 0.00 | 31.07 0.96 0.00 | 28.36 0.85 0.00 | 26.15 0.76 0.00 |

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| PLEASANTVLY___LBMP 24000 | 25.94 1.14 0.00 | 23.61 1.06 0.00 | 21.43 0.94 0.00 | 21.14 0.93 0.00 | 20.52 0.90 0.00 | 21.90 0.84 0.00 | 22.75 0.92 0.00 | 24.75 1.27 0.00 | 26.85 1.52 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.91 1.81 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.12 1.99 0.00 | 33.61 2.05 0.00 | 34.99 1.95 0.00 | 42.60 2.41 0.00 | 50.75 2.83 0.00 | 41.03 2.32 0.00 | 34.64 1.81 0.00 | 31.88 1.78 0.00 | 29.16 1.65 0.00 | 26.61 1.22 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 26.12 1.31 0.00 | 23.75 1.20 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.64 1.02 0.00 | 22.03 0.97 0.00 | 22.91 1.07 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.95 1.65 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.30 2.11 0.00 | 33.34 2.21 0.00 | 33.83 2.27 0.00 | 35.19 2.15 0.00 | 42.92 2.73 0.00 | 51.13 3.21 0.00 | 41.34 2.63 0.00 | 34.90 2.07 0.00 | 32.12 2.02 0.00 | 29.38 1.87 0.00 | 26.79 1.40 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 26.12 1.31 0.00 | 23.75 1.20 0.00 | 21.57 1.09 0.00 | 21.28 1.07 0.00 | 20.64 1.02 0.00 | 22.03 0.97 0.00 | 22.91 1.07 0.00 | 24.92 1.43 0.00 | 27.06 1.72 0.00 | 26.95 1.65 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.30 2.11 0.00 | 33.34 2.21 0.00 | 33.83 2.27 0.00 | 35.19 2.15 0.00 | 42.92 2.73 0.00 | 51.13 3.21 0.00 | 41.34 2.63 0.00 | 34.90 2.07 0.00 | 32.12 2.02 0.00 | 29.38 1.87 0.00 | 26.79 1.40 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 25.99 1.19 0.00 | 23.63 1.08 0.00 | 21.45 0.96 0.00 | 21.18 0.97 0.00 | 20.54 0.92 0.00 | 21.94 0.88 0.00 | 22.84 1.00 0.00 | 24.84 1.36 0.00 | 26.90 1.57 0.00 | 26.80 1.49 0.00 | 30.41 1.80 0.00 | 31.97 1.87 0.00 | 31.30 1.85 0.00 | 32.15 1.96 0.00 | 33.25 2.12 0.00 | 33.73 2.18 0.00 | 35.22 2.18 0.00 | 42.80 2.61 0.00 | 50.89 2.97 0.00 | 41.18 2.48 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.27 1.76 0.00 | 26.69 1.30 0.00 |
| POLETTI____ 23519 | 26.29 1.49 0.00 | 23.88 1.33 0.00 | 21.70 1.21 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 25.08 1.60 0.00 | 27.23 1.90 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.42 2.23 0.00 | 33.50 2.37 0.00 | 33.95 2.40 0.00 | 35.25 2.21 0.00 | 43.00 2.81 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.30 2.20 0.00 | 29.57 2.06 0.00 | 26.97 1.57 0.00 |
| POMONA___ESR 323819 | 25.92 1.12 0.00 | 23.63 1.08 0.00 | 21.47 0.98 0.00 | 21.16 0.95 0.00 | 20.54 0.92 0.00 | 21.94 0.88 0.00 | 22.84 1.01 0.00 | 24.66 1.17 0.00 | 26.80 1.47 0.00 | 26.73 1.42 0.00 | 30.24 1.63 0.00 | 31.79 1.68 0.00 | 31.12 1.68 0.00 | 31.97 1.78 0.00 | 33.03 1.90 0.00 | 33.58 1.96 -0.07 | 34.92 1.88 0.00 | 42.32 2.13 0.00 | 50.65 2.73 0.00 | 40.95 2.24 0.00 | 34.61 1.77 0.00 | 31.82 1.71 0.00 | 29.05 1.54 0.00 | 26.56 1.17 0.00 |
| PORT_JEFF_3 23555 | 29.03 2.58 -1.65 | 25.01 2.46 0.00 | 22.88 2.40 0.00 | 22.00 1.78 -0.01 | 21.62 2.00 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.71 2.38 0.00 | 27.54 2.23 0.00 | 31.47 2.86 0.00 | 34.62 3.16 -1.36 | 34.55 3.06 -2.04 | 36.13 3.08 -2.86 | 36.57 3.42 -2.01 | 37.38 3.44 -2.38 | 41.35 4.06 -4.25 | 54.08 4.38 -9.51 | 58.09 5.22 -4.94 | 44.70 4.45 -1.54 | 38.61 3.05 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| PORT_JEFF_4 23616 | 29.03 2.58 -1.65 | 25.01 2.46 0.00 | 22.88 2.40 0.00 | 22.00 1.78 -0.01 | 21.62 2.00 0.00 | 22.13 1.07 0.00 | 22.91 1.07 0.00 | 25.20 1.71 0.00 | 27.71 2.38 0.00 | 27.54 2.23 0.00 | 31.47 2.86 0.00 | 34.62 3.16 -1.36 | 34.55 3.06 -2.04 | 36.13 3.08 -2.86 | 36.57 3.42 -2.01 | 37.38 3.44 -2.38 | 41.35 4.06 -4.25 | 54.08 4.38 -9.51 | 58.09 5.22 -4.94 | 44.70 4.45 -1.54 | 38.61 3.05 -2.72 | 37.32 3.07 -4.15 | 36.95 2.48 -6.97 | 27.95 2.33 -0.23 |
| PORT_JEFF_IC 23713 | 29.05 2.60 -1.65 | 25.03 2.48 0.00 | 22.88 2.40 0.00 | 22.02 1.80 -0.01 | 21.64 2.02 0.00 | 22.15 1.09 0.00 | 22.93 1.09 0.00 | 25.25 1.76 0.00 | 27.74 2.41 0.00 | 27.56 2.25 0.00 | 31.50 2.89 0.00 | 34.65 3.19 -1.36 | 34.57 3.09 -2.04 | 36.19 3.14 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.41 4.13 -4.25 | 54.20 4.50 -9.51 | 58.23 5.37 -4.94 | 44.78 4.53 -1.54 | 38.67 3.12 -2.72 | 37.35 3.10 -4.15 | 36.98 2.50 -6.97 | 27.98 2.36 -0.23 |
| PPL PILGRIM_ST_GT1 24216 | 28.73 2.28 -1.65 | 24.67 2.12 0.00 | 22.46 1.97 0.00 | 21.88 1.66 -0.01 | 21.35 1.73 0.00 | 22.39 1.33 0.00 | 23.21 1.38 0.00 | 25.36 1.88 0.00 | 27.77 2.43 0.00 | 27.64 2.33 0.00 | 31.44 2.83 0.00 | 34.53 3.07 -1.36 | 34.49 3.00 -2.04 | 36.19 3.14 -2.86 | 36.48 3.33 -2.01 | 37.32 3.38 -2.38 | 40.79 3.50 -4.25 | 53.72 4.02 -9.51 | 57.80 4.94 -4.94 | 44.28 4.03 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 37.11 2.64 -6.97 | 27.88 2.26 -0.23 |
| PPL PILGRIM_ST_GT2 24217 | 28.73 2.28 -1.65 | 24.67 2.12 0.00 | 22.46 1.97 0.00 | 21.88 1.66 -0.01 | 21.35 1.73 0.00 | 22.39 1.33 0.00 | 23.21 1.38 0.00 | 25.36 1.88 0.00 | 27.77 2.43 0.00 | 27.64 2.33 0.00 | 31.44 2.83 0.00 | 34.53 3.07 -1.36 | 34.49 3.00 -2.04 | 36.19 3.14 -2.86 | 36.48 3.33 -2.01 | 37.32 3.38 -2.38 | 40.79 3.50 -4.25 | 53.72 4.02 -9.51 | 57.80 4.94 -4.94 | 44.28 4.03 -1.54 | 38.67 3.12 -2.72 | 37.32 3.07 -4.15 | 37.11 2.64 -6.97 | 27.88 2.26 -0.23 |
| PPL_SHRM_GT3 24213 | 29.15 2.70 -1.65 | 25.17 2.61 0.00 | 23.09 2.60 0.00 | 22.08 1.86 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.67 3.12 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.95 2.33 -0.23 |
| PPL_SHRM_GT4 24214 | 29.15 2.70 -1.65 | 25.17 2.61 0.00 | 23.09 2.60 0.00 | 22.08 1.86 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.67 3.12 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.95 2.33 -0.23 |
| PROJECT___ORANGE 1 24174 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.61 0.12 0.00 | 20.33 0.12 0.00 | 19.76 0.14 0.00 | 21.29 0.23 0.00 | 22.01 0.17 0.00 | 23.48 0.00 0.00 | 25.28 -0.05 0.00 | 25.26 -0.05 0.00 | 28.58 -0.03 0.00 | 30.04 -0.06 0.00 | 29.38 -0.06 0.00 | 30.13 -0.06 0.00 | 31.04 -0.09 0.00 | 31.43 -0.13 0.00 | 32.97 -0.07 0.00 | 40.07 -0.12 0.00 | 47.97 0.05 0.00 | 38.71 0.00 0.00 | 32.90 0.07 0.00 | 30.10 0.00 0.00 | 27.42 -0.08 0.00 | 25.49 0.10 0.00 |
| PROJECT___ORANGE 2 24166 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.61 0.12 0.00 | 20.33 0.12 0.00 | 19.76 0.14 0.00 | 21.29 0.23 0.00 | 22.01 0.17 0.00 | 23.48 0.00 0.00 | 25.28 -0.05 0.00 | 25.26 -0.05 0.00 | 28.58 -0.03 0.00 | 30.04 -0.06 0.00 | 29.38 -0.06 0.00 | 30.13 -0.06 0.00 | 31.04 -0.09 0.00 | 31.43 -0.13 0.00 | 32.97 -0.07 0.00 | 40.07 -0.12 0.00 | 47.97 0.05 0.00 | 38.71 0.00 0.00 | 32.90 0.07 0.00 | 30.10 0.00 0.00 | 27.42 -0.08 0.00 | 25.49 0.10 0.00 |

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| PUCKETT___SOLAR 323809 | 25.92 1.12 0.00 | 23.57 1.02 0.00 | 21.39 0.90 0.00 | 21.12 0.91 0.00 | 20.50 0.88 0.00 | 22.15 1.09 0.00 | 22.88 1.05 0.00 | 24.56 1.08 0.00 | 26.47 1.14 0.00 | 26.50 1.19 0.00 | 30.01 1.40 0.00 | 31.58 1.47 0.00 | 30.86 1.41 0.00 | 31.61 1.42 0.00 | 32.57 1.43 0.00 | 33.01 1.42 -0.03 | 34.69 1.65 0.00 | 42.40 2.21 0.00 | 50.55 2.63 0.00 | 40.72 2.01 0.00 | 34.71 1.87 0.00 | 31.76 1.65 0.00 | 28.88 1.37 0.00 | 26.66 1.27 0.00 |
| PYRITES___HYD 24023 | 24.95 0.15 0.00 | 22.64 0.09 0.00 | 20.57 0.08 0.00 | 20.29 0.08 0.00 | 19.54 -0.08 0.00 | 20.83 -0.23 0.00 | 21.71 -0.13 0.00 | 23.41 -0.07 0.00 | 25.03 -0.30 0.00 | 24.93 -0.38 0.00 | 28.18 -0.43 0.00 | 29.65 -0.45 0.00 | 28.91 -0.53 0.00 | 29.62 -0.57 0.00 | 30.57 -0.56 0.00 | 31.08 -0.47 0.00 | 32.74 -0.30 0.00 | 40.11 -0.08 0.00 | 47.77 -0.14 0.00 | 38.32 -0.39 0.00 | 32.74 -0.10 0.00 | 30.13 0.03 0.00 | 27.73 0.22 0.00 | 25.62 0.23 0.00 |
| QUAKERRD_115KV_BK1 80622 | 24.50 -0.30 0.00 | 22.24 -0.32 0.00 | 20.24 -0.25 0.00 | 19.95 -0.26 0.00 | 19.37 -0.26 0.00 | 21.02 -0.04 0.00 | 21.64 -0.20 0.00 | 22.94 -0.54 0.00 | 24.78 -0.56 0.00 | 24.90 -0.40 0.00 | 28.18 -0.43 0.00 | 29.62 -0.48 0.00 | 29.00 -0.44 0.00 | 29.65 -0.54 0.00 | 30.48 -0.65 0.00 | 30.73 -0.82 0.00 | 32.44 -0.59 0.00 | 39.15 -1.04 0.00 | 47.39 -0.53 0.00 | 38.09 -0.62 0.00 | 32.44 -0.39 0.00 | 29.71 -0.39 0.00 | 26.93 -0.58 0.00 | 25.19 -0.20 0.00 |
| QUENSBRY_115KV_TB8 356137 | 25.77 0.97 0.00 | 23.45 0.90 0.00 | 21.29 0.80 0.00 | 20.96 0.75 0.00 | 20.43 0.80 0.00 | 21.80 0.74 0.00 | 22.64 0.81 0.00 | 24.66 1.17 0.00 | 26.90 1.57 0.00 | 26.88 1.57 0.00 | 30.50 1.89 0.00 | 32.12 2.02 0.00 | 31.39 1.94 0.00 | 32.24 2.05 0.00 | 33.06 1.93 0.00 | 33.57 2.02 0.00 | 35.19 2.15 0.00 | 43.04 2.85 0.00 | 51.42 3.50 0.00 | 41.38 2.67 0.00 | 34.97 2.13 0.00 | 32.09 1.99 0.00 | 29.21 1.71 0.00 | 26.61 1.22 0.00 |
| RAMAPO___LBMP 323565 | 25.92 1.12 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.80 0.96 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.73 1.42 0.00 | 30.21 1.60 0.00 | 31.79 1.69 0.00 | 31.12 1.68 0.00 | 31.97 1.78 0.00 | 33.00 1.87 0.00 | 33.48 1.92 0.00 | 34.89 1.85 0.00 | 42.48 2.29 0.00 | 50.60 2.68 0.00 | 40.91 2.21 0.00 | 34.61 1.77 0.00 | 31.82 1.72 0.00 | 29.10 1.60 0.00 | 26.59 1.19 0.00 |
| RANKINE____ 23646 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.29 0.80 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 22.32 1.26 0.00 | 22.80 0.96 0.00 | 23.95 0.47 0.00 | 25.81 0.48 0.00 | 26.14 0.84 0.00 | 29.50 0.89 0.00 | 30.88 0.78 0.00 | 30.35 0.91 0.00 | 31.06 0.88 0.00 | 31.82 0.68 0.00 | 31.90 0.35 0.00 | 33.83 0.79 0.00 | 40.47 0.28 0.00 | 49.55 1.63 0.00 | 39.87 1.16 0.00 | 34.15 1.31 0.00 | 31.37 1.26 0.00 | 28.25 0.74 0.00 | 26.61 1.22 0.00 |
| RAVENSWOOD_GT2_1 24244 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT2_2 24245 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT2_3 24246 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT2_4 24247 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT3_1 24248 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.22 2.18 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT3_2 24249 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.22 2.18 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT3_3 24250 | 26.29 1.49 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 25.08 1.60 0.00 | 27.23 1.90 0.00 | 27.11 1.80 0.00 | 30.73 2.12 0.00 | 32.30 2.20 0.00 | 31.62 2.18 0.00 | 32.45 2.26 0.00 | 33.50 2.37 0.00 | 33.98 2.43 0.00 | 35.29 2.25 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.57 2.06 0.00 | 26.97 1.57 0.00 |
| RAVENSWOOD_GT3_4 24251 | 26.29 1.49 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.41 1.19 0.00 | 20.76 1.14 0.00 | 22.13 1.07 0.00 | 23.04 1.20 0.00 | 25.08 1.60 0.00 | 27.23 1.90 0.00 | 27.11 1.80 0.00 | 30.73 2.12 0.00 | 32.30 2.20 0.00 | 31.62 2.18 0.00 | 32.45 2.26 0.00 | 33.50 2.37 0.00 | 33.98 2.43 0.00 | 35.29 2.25 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.49 2.79 0.00 | 35.04 2.20 0.00 | 32.33 2.23 0.00 | 29.57 2.06 0.00 | 26.97 1.57 0.00 |
| RAVENSWOOD_GT_1 23729 | 26.29 1.49 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.03 0.97 0.00 | 22.93 1.09 0.00 | 24.94 1.46 0.00 | 27.08 1.75 0.00 | 26.98 1.67 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.27 2.08 0.00 | 33.34 2.21 0.00 | 33.79 2.24 0.00 | 35.12 2.08 0.00 | 42.84 2.65 0.00 | 51.03 3.11 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.15 2.05 0.00 | 29.40 1.90 0.00 | 26.89 1.50 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT_10 24258 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT_11 24259 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT_4 24252 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.38 1.17 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.02 1.18 0.00 | 25.06 1.57 0.00 | 27.21 1.87 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.42 2.23 0.00 | 33.47 2.33 0.00 | 33.95 2.40 0.00 | 35.25 2.21 0.00 | 43.00 2.81 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 26.94 1.55 0.00 |
| RAVENSWOOD_GT_5 24254 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.38 1.17 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.02 1.18 0.00 | 25.06 1.57 0.00 | 27.21 1.87 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.42 2.23 0.00 | 33.47 2.33 0.00 | 33.95 2.40 0.00 | 35.25 2.21 0.00 | 43.00 2.81 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 26.94 1.55 0.00 |
| RAVENSWOOD_GT_6 24253 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.38 1.17 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.02 1.18 0.00 | 25.06 1.57 0.00 | 27.21 1.87 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.42 2.23 0.00 | 33.47 2.33 0.00 | 33.95 2.40 0.00 | 35.25 2.21 0.00 | 43.00 2.81 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 26.94 1.55 0.00 |
| RAVENSWOOD_GT_7 24255 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.38 1.17 0.00 | 20.74 1.12 0.00 | 22.13 1.07 0.00 | 23.02 1.18 0.00 | 25.06 1.57 0.00 | 27.21 1.87 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.27 2.17 0.00 | 31.59 2.15 0.00 | 32.42 2.23 0.00 | 33.47 2.33 0.00 | 33.95 2.40 0.00 | 35.25 2.21 0.00 | 43.00 2.81 0.00 | 51.27 3.35 0.00 | 41.42 2.71 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 26.94 1.55 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD_GT_9 24257 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.66 1.17 0.00 | 21.36 1.15 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.39 2.20 0.00 | 33.44 2.30 0.00 | 33.92 2.37 0.00 | 35.25 2.21 0.00 | 42.96 2.77 0.00 | 51.22 3.31 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 26.92 1.52 0.00 |
| RAVENSWOOD___1 23533 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.02 0.97 0.01 | 22.92 1.09 0.01 | 24.86 1.39 0.01 | 27.07 1.75 0.01 | 26.97 1.67 0.01 | 30.55 1.95 0.01 | 32.14 2.05 0.01 | 31.44 2.00 0.01 | 32.29 2.11 0.01 | 33.33 2.21 0.01 | 33.86 2.24 -0.07 | 35.11 2.08 0.01 | 42.68 2.49 0.01 | 51.02 3.11 0.01 | 41.25 2.55 0.01 | 34.83 2.00 0.01 | 32.14 2.05 0.01 | 29.32 1.82 0.00 | 26.86 1.47 0.00 |
| RAVENSWOOD___2 23534 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.02 0.97 0.01 | 22.92 1.09 0.01 | 24.86 1.39 0.01 | 27.07 1.75 0.01 | 26.97 1.67 0.01 | 30.55 1.95 0.01 | 32.14 2.05 0.01 | 31.44 2.00 0.01 | 32.29 2.11 0.01 | 33.33 2.21 0.01 | 33.86 2.24 -0.07 | 35.11 2.08 0.01 | 42.68 2.49 0.01 | 51.02 3.11 0.01 | 41.25 2.55 0.01 | 34.83 2.00 0.01 | 32.14 2.05 0.01 | 29.32 1.82 0.00 | 26.86 1.47 0.00 |
| RAVENSWOOD___3 23535 | 26.24 1.44 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.34 1.13 0.00 | 20.72 1.10 0.00 | 22.11 1.05 0.00 | 22.99 1.16 0.00 | 24.94 1.46 0.00 | 27.18 1.85 0.00 | 27.08 1.77 0.00 | 30.67 2.06 0.00 | 32.24 2.14 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.34 0.00 | 34.00 2.37 -0.08 | 35.25 2.21 0.00 | 42.84 2.65 0.00 | 51.22 3.30 0.00 | 41.42 2.71 0.00 | 34.97 2.13 0.00 | 32.27 2.17 0.00 | 29.43 1.92 0.00 | 26.89 1.50 0.00 |
| RAVENSWOOD___4 23820 | 26.27 1.46 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.02 0.97 0.01 | 22.92 1.09 0.01 | 24.86 1.39 0.01 | 27.07 1.75 0.01 | 26.97 1.67 0.01 | 30.55 1.95 0.01 | 32.14 2.05 0.01 | 31.44 2.00 0.01 | 32.29 2.11 0.01 | 33.33 2.21 0.01 | 33.86 2.24 -0.07 | 35.11 2.08 0.01 | 42.68 2.49 0.01 | 51.02 3.11 0.01 | 41.25 2.55 0.01 | 34.83 2.00 0.01 | 32.14 2.05 0.01 | 29.32 1.82 0.00 | 26.86 1.47 0.00 |
| RCPL_TRUST___DRP 24196 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.43 1.21 0.00 | 20.78 1.16 0.00 | 22.18 1.12 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.65 2.21 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.32 2.28 0.00 | 43.09 2.89 0.00 | 51.37 3.45 0.00 | 41.49 2.79 0.00 | 35.07 2.23 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.99 1.60 0.00 |
| RED___ROCHESTER 323720 | 25.32 0.52 0.00 | 22.94 0.38 0.00 | 20.86 0.37 0.00 | 20.64 0.43 0.00 | 19.99 0.37 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.67 0.19 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.55 0.36 0.00 | 31.44 0.31 0.00 | 31.67 0.09 -0.02 | 33.47 0.43 0.00 | 41.15 0.96 0.00 | 49.02 1.10 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.97 0.47 0.00 | 26.10 0.71 0.00 |
| REGAN___SOLAR 323812 | 26.07 1.26 0.00 | 23.72 1.17 0.00 | 21.57 1.09 0.00 | 21.22 1.01 0.00 | 20.68 1.06 0.00 | 22.13 1.07 0.00 | 23.01 1.18 0.00 | 24.99 1.50 0.00 | 27.33 2.00 0.00 | 27.26 1.95 0.00 | 30.76 2.15 0.00 | 32.57 2.47 0.00 | 31.92 2.47 0.00 | 32.85 2.66 0.00 | 33.71 2.58 0.00 | 34.41 2.74 -0.11 | 35.95 2.91 0.00 | 44.13 3.94 0.00 | 52.90 4.98 0.00 | 42.34 3.64 0.00 | 35.89 3.05 0.00 | 32.75 2.65 0.00 | 29.68 2.17 0.00 | 26.99 1.60 0.00 |

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| RENSSELAER___COGEN 23796 | 25.30 0.50 0.00 | 23.05 0.50 0.00 | 20.92 0.43 0.00 | 20.62 0.40 0.00 | 20.07 0.45 0.00 | 21.46 0.40 0.00 | 22.27 0.44 0.00 | 24.14 0.66 0.00 | 26.20 0.86 0.00 | 26.14 0.83 0.00 | 29.64 1.03 0.00 | 31.25 1.14 0.00 | 30.56 1.12 0.00 | 31.40 1.21 0.00 | 32.38 1.25 0.00 | 32.94 1.29 -0.09 | 34.33 1.29 0.00 | 41.64 1.44 0.00 | 49.74 1.82 0.00 | 40.21 1.51 0.00 | 33.95 1.12 0.00 | 31.15 1.05 0.00 | 28.44 0.94 0.00 | 26.00 0.61 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 26.37 1.56 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.38 1.17 0.00 | 20.90 1.28 0.00 | 22.28 1.22 0.00 | 23.19 1.35 0.00 | 25.31 1.83 0.00 | 27.79 2.46 0.00 | 27.84 2.53 0.00 | 31.56 2.95 0.00 | 33.20 3.10 0.00 | 32.45 3.00 0.00 | 33.30 3.11 0.00 | 34.03 2.90 0.00 | 34.58 3.03 0.00 | 36.31 3.27 0.00 | 44.53 4.34 0.00 | 53.43 5.51 0.00 | 42.81 4.10 0.00 | 36.15 3.32 0.00 | 33.14 3.04 0.00 | 30.06 2.56 0.00 | 27.27 1.88 0.00 |
| REVERE_CPPR_DRP 24186 | 25.62 0.82 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.84 0.63 0.00 | 20.21 0.59 0.00 | 21.82 0.76 0.00 | 22.56 0.72 0.00 | 24.30 0.82 0.00 | 26.14 0.81 0.00 | 26.14 0.84 0.00 | 29.58 0.97 0.00 | 31.13 1.02 0.00 | 30.38 0.94 0.00 | 31.19 1.00 0.00 | 32.16 1.03 0.00 | 32.66 1.10 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.98 2.06 0.00 | 40.22 1.51 0.00 | 34.28 1.44 0.00 | 31.37 1.26 0.00 | 28.52 1.02 0.00 | 26.31 0.91 0.00 |
| REYNOLDS_115KV_TB3 80639 | 25.50 0.69 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.78 0.57 0.00 | 20.23 0.61 0.00 | 21.61 0.55 0.00 | 22.40 0.57 0.00 | 24.38 0.89 0.00 | 26.40 1.06 0.00 | 26.35 1.04 0.00 | 29.87 1.26 0.00 | 31.49 1.38 0.00 | 30.83 1.38 0.00 | 31.67 1.48 0.00 | 32.66 1.53 0.00 | 33.13 1.58 0.00 | 34.59 1.55 0.00 | 42.12 1.93 0.00 | 50.12 2.20 0.00 | 40.56 1.86 0.00 | 34.21 1.38 0.00 | 31.40 1.29 0.00 | 28.72 1.21 0.00 | 26.20 0.81 0.00 |
| RIVERBAY____ 323610 | 26.56 1.76 0.00 | 24.11 1.56 0.00 | 21.90 1.41 0.00 | 21.57 1.35 0.00 | 20.90 1.28 0.00 | 22.15 1.10 0.00 | 23.04 1.20 0.00 | 25.06 1.57 0.00 | 27.18 1.85 0.00 | 27.03 1.72 0.00 | 30.61 2.00 0.00 | 32.21 2.11 0.00 | 31.50 2.06 0.00 | 32.36 2.17 0.00 | 33.40 2.27 0.00 | 33.89 2.34 0.00 | 35.35 2.31 0.00 | 43.13 2.93 0.00 | 51.42 3.50 0.00 | 41.57 2.86 0.00 | 35.00 2.17 0.00 | 32.27 2.17 0.00 | 29.54 2.04 0.00 | 27.12 1.73 0.00 |
| RIVERSDE_115KV_TB3 55908 | 25.42 0.62 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.72 0.51 0.00 | 20.17 0.55 0.00 | 21.56 0.51 0.00 | 22.36 0.52 0.00 | 24.30 0.82 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.30 0.00 | 31.58 1.39 0.00 | 32.56 1.43 0.00 | 33.04 1.48 0.00 | 34.49 1.45 0.00 | 42.04 1.85 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.20 0.00 | 28.63 1.13 0.00 | 26.13 0.74 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 24.51 -0.30 0.00 | 22.28 -0.27 0.00 | 20.24 -0.24 0.00 | 19.99 -0.22 0.00 | 19.41 -0.22 0.00 | 20.85 -0.21 0.00 | 21.66 -0.18 0.00 | 23.32 -0.16 0.00 | 25.16 -0.18 0.00 | 25.13 -0.18 0.00 | 28.41 -0.20 0.00 | 29.89 -0.21 0.00 | 29.24 -0.20 0.00 | 29.98 -0.21 0.00 | 30.88 -0.25 0.00 | 31.30 -0.25 0.00 | 32.77 -0.27 0.00 | 39.87 -0.32 0.00 | 47.49 -0.43 0.00 | 38.36 -0.35 0.00 | 32.54 -0.30 0.00 | 29.83 -0.27 0.00 | 27.26 -0.25 0.00 | 25.16 -0.23 0.00 |
| ROCHESRG_115KV_T4 355643 | 25.08 0.27 0.00 | 22.75 0.20 0.00 | 20.71 0.23 0.00 | 20.41 0.20 0.00 | 19.84 0.22 0.00 | 21.54 0.48 0.00 | 22.16 0.33 0.00 | 23.41 -0.07 0.00 | 25.28 -0.05 0.00 | 25.46 0.15 0.00 | 28.78 0.17 0.00 | 30.22 0.12 0.00 | 29.62 0.18 0.00 | 30.28 0.09 0.00 | 31.10 -0.03 0.00 | 31.30 -0.25 0.00 | 33.11 0.07 0.00 | 39.87 -0.32 0.00 | 48.40 0.48 0.00 | 38.90 0.19 0.00 | 33.16 0.33 0.00 | 30.37 0.27 0.00 | 27.53 0.03 0.00 | 25.80 0.41 0.00 |
| ROCHESTER_9_IC 23652 | 25.20 0.40 0.00 | 22.87 0.32 0.00 | 20.80 0.31 0.00 | 20.52 0.30 0.00 | 19.92 0.29 0.00 | 21.65 0.59 0.00 | 22.27 0.44 0.00 | 23.53 0.05 0.00 | 25.41 0.08 0.00 | 25.61 0.30 0.00 | 28.95 0.34 0.00 | 30.43 0.33 0.00 | 29.80 0.35 0.00 | 30.46 0.27 0.00 | 31.29 0.16 0.00 | 31.49 -0.06 0.00 | 33.30 0.26 0.00 | 40.11 -0.08 0.00 | 48.73 0.81 0.00 | 39.17 0.46 0.00 | 33.36 0.53 0.00 | 30.55 0.45 0.00 | 27.67 0.17 0.00 | 25.95 0.56 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 26.22 1.41 0.00 | 23.84 1.29 0.00 | 21.64 1.15 0.00 | 21.34 1.13 0.00 | 20.70 1.08 0.00 | 22.09 1.03 0.00 | 22.97 1.14 0.00 | 25.01 1.53 0.00 | 27.18 1.85 0.00 | 27.06 1.75 0.00 | 30.67 2.06 0.00 | 32.30 2.20 0.00 | 31.56 2.12 0.00 | 32.42 2.23 0.00 | 33.47 2.33 0.00 | 33.95 2.40 0.00 | 35.29 2.25 0.00 | 43.04 2.85 0.00 | 51.27 3.35 0.00 | 41.46 2.75 0.00 | 35.00 2.17 0.00 | 32.24 2.14 0.00 | 29.49 1.98 0.00 | 26.89 1.50 0.00 |
| ROME_____115KV_TB2 80656 | 25.62 0.82 0.00 | 23.27 0.72 0.00 | 21.12 0.64 0.00 | 20.84 0.63 0.00 | 20.21 0.59 0.00 | 21.82 0.76 0.00 | 22.56 0.72 0.00 | 24.30 0.82 0.00 | 26.14 0.81 0.00 | 26.14 0.84 0.00 | 29.58 0.97 0.00 | 31.13 1.02 0.00 | 30.38 0.94 0.00 | 31.19 1.00 0.00 | 32.16 1.03 0.00 | 32.66 1.10 0.00 | 34.33 1.29 0.00 | 41.84 1.65 0.00 | 49.98 2.06 0.00 | 40.22 1.51 0.00 | 34.28 1.44 0.00 | 31.37 1.26 0.00 | 28.52 1.02 0.00 | 26.31 0.91 0.00 |
| ROSETON___1 23587 | 25.92 1.12 0.00 | 23.59 1.04 0.00 | 21.43 0.94 0.00 | 21.10 0.89 0.00 | 20.50 0.88 0.00 | 21.90 0.84 0.00 | 22.75 0.92 0.00 | 24.63 1.15 0.00 | 26.80 1.47 0.00 | 26.73 1.42 0.00 | 30.27 1.66 0.00 | 31.85 1.75 0.00 | 31.18 1.74 0.00 | 32.03 1.84 0.00 | 33.06 1.93 0.00 | 33.59 1.96 -0.08 | 34.92 1.88 0.00 | 42.40 2.21 0.00 | 50.65 2.73 0.00 | 40.95 2.24 0.00 | 34.61 1.77 0.00 | 31.82 1.71 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| ROSETON___2 23588 | 25.92 1.12 0.00 | 23.59 1.04 0.00 | 21.43 0.94 0.00 | 21.10 0.89 0.00 | 20.50 0.88 0.00 | 21.90 0.84 0.00 | 22.75 0.92 0.00 | 24.63 1.15 0.00 | 26.80 1.47 0.00 | 26.73 1.42 0.00 | 30.27 1.66 0.00 | 31.85 1.75 0.00 | 31.18 1.74 0.00 | 32.03 1.84 0.00 | 33.06 1.93 0.00 | 33.59 1.96 -0.08 | 34.92 1.88 0.00 | 42.40 2.21 0.00 | 50.65 2.73 0.00 | 40.95 2.24 0.00 | 34.61 1.77 0.00 | 31.82 1.71 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| ROTTTRDAM_115KV_TB3 80664 | 25.60 0.79 0.00 | 23.30 0.74 0.00 | 21.14 0.66 0.00 | 20.84 0.63 0.00 | 20.27 0.65 0.00 | 21.67 0.61 0.00 | 22.47 0.63 0.00 | 24.38 0.89 0.00 | 26.42 1.09 0.00 | 26.37 1.06 0.00 | 29.87 1.26 0.00 | 31.46 1.35 0.00 | 30.80 1.35 0.00 | 31.61 1.42 0.00 | 32.56 1.43 0.00 | 33.07 1.51 0.00 | 34.56 1.52 0.00 | 42.12 1.93 0.00 | 50.17 2.25 0.00 | 40.53 1.82 0.00 | 34.28 1.44 0.00 | 31.46 1.35 0.00 | 28.72 1.21 0.00 | 26.26 0.86 0.00 |
| RUSSELL___1 23602 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |

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| RUSSELL___2 23532 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |
| RUSSELL___3 23549 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |
| RUSSELL___4 23556 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |
| RUSSELL___STATION 23914 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |
| S SALMON___HYD 24043 | 24.75 -0.05 0.00 | 22.48 -0.07 0.00 | 20.41 -0.08 0.00 | 20.15 -0.06 0.00 | 19.54 -0.08 0.00 | 21.06 0.00 0.00 | 21.81 -0.02 0.00 | 23.32 -0.16 0.00 | 25.06 -0.28 0.00 | 25.03 -0.28 0.00 | 28.27 -0.34 0.00 | 29.71 -0.39 0.00 | 29.03 -0.41 0.00 | 29.77 -0.42 0.00 | 30.67 -0.47 0.00 | 31.06 -0.51 -0.01 | 32.64 -0.39 0.00 | 39.87 -0.32 0.00 | 47.59 -0.33 0.00 | 38.36 -0.35 0.00 | 32.64 -0.20 0.00 | 29.86 -0.24 0.00 | 27.29 -0.22 0.00 | 25.32 -0.08 0.00 |
| S.PERRY___115KV_TB1 80734 | 26.22 1.41 0.00 | 23.77 1.22 0.00 | 21.62 1.13 0.00 | 21.32 1.11 0.00 | 20.70 1.08 0.00 | 22.53 1.47 0.00 | 23.17 1.33 0.00 | 24.54 1.06 0.00 | 26.47 1.14 0.00 | 26.57 1.27 0.00 | 30.04 1.43 0.00 | 31.52 1.41 0.00 | 30.86 1.41 0.00 | 31.58 1.39 0.00 | 32.41 1.28 0.00 | 32.66 1.10 0.00 | 34.72 1.69 0.00 | 42.00 1.81 0.00 | 51.37 3.45 0.00 | 41.18 2.48 0.00 | 35.13 2.30 0.00 | 32.12 2.02 0.00 | 28.96 1.46 0.00 | 27.04 1.65 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 25.35 0.55 0.00 | 23.07 0.52 0.00 | 21.02 0.53 0.00 | 20.74 0.53 0.00 | 20.17 0.55 0.00 | 22.05 0.99 0.00 | 22.51 0.68 0.00 | 23.60 0.12 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.04 0.43 0.00 | 30.43 0.33 0.00 | 29.88 0.44 0.00 | 30.58 0.39 0.00 | 31.32 0.19 0.00 | 31.40 -0.16 0.00 | 33.30 0.26 0.00 | 39.79 -0.40 0.00 | 48.73 0.81 0.00 | 39.21 0.50 0.00 | 33.59 0.76 0.00 | 30.85 0.75 0.00 | 27.84 0.33 0.00 | 26.26 0.86 0.00 |
| SAWYER___23_KV_LOAD 55526 | 25.35 0.55 0.00 | 23.07 0.52 0.00 | 21.02 0.53 0.00 | 20.74 0.53 0.00 | 20.17 0.55 0.00 | 22.05 0.99 0.00 | 22.51 0.68 0.00 | 23.60 0.12 0.00 | 25.43 0.10 0.00 | 25.76 0.46 0.00 | 29.04 0.43 0.00 | 30.43 0.33 0.00 | 29.88 0.44 0.00 | 30.58 0.39 0.00 | 31.32 0.19 0.00 | 31.40 -0.16 0.00 | 33.30 0.26 0.00 | 39.79 -0.40 0.00 | 48.73 0.81 0.00 | 39.21 0.50 0.00 | 33.59 0.76 0.00 | 30.85 0.75 0.00 | 27.84 0.33 0.00 | 26.26 0.86 0.00 |
| SELKIRK___I 23801 | 25.52 0.72 0.00 | 23.25 0.70 0.00 | 21.10 0.61 0.00 | 20.80 0.59 0.00 | 20.25 0.63 0.00 | 21.65 0.59 0.00 | 22.43 0.59 0.00 | 24.28 0.80 0.00 | 26.35 1.01 0.00 | 26.29 0.99 0.00 | 29.81 1.20 0.00 | 31.40 1.29 0.00 | 30.71 1.27 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.10 1.45 -0.09 | 34.46 1.42 0.00 | 41.88 1.69 0.00 | 49.98 2.06 0.00 | 40.41 1.70 0.00 | 34.18 1.35 0.00 | 31.34 1.23 0.00 | 28.64 1.13 0.00 | 26.18 0.79 0.00 |
| SELKIRK___II 23799 | 25.40 0.59 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.70 0.48 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.34 0.50 0.00 | 24.19 0.70 0.00 | 26.22 0.89 0.00 | 26.17 0.86 0.00 | 29.67 1.06 0.00 | 31.25 1.14 0.00 | 30.59 1.15 0.00 | 31.43 1.24 0.00 | 32.41 1.28 0.00 | 32.97 1.33 -0.09 | 34.33 1.29 0.00 | 41.68 1.49 0.00 | 49.74 1.82 0.00 | 40.26 1.55 0.00 | 34.02 1.18 0.00 | 31.18 1.08 0.00 | 28.50 0.99 0.00 | 26.05 0.66 0.00 |
| SENECA OSWGO___HYD 24041 | 24.65 -0.15 0.00 | 22.42 -0.13 0.00 | 20.35 -0.14 0.00 | 20.09 -0.12 0.00 | 19.50 -0.12 0.00 | 21.00 -0.06 0.00 | 21.73 -0.11 0.00 | 23.23 -0.26 0.00 | 24.98 -0.35 0.00 | 24.98 -0.33 0.00 | 28.21 -0.40 0.00 | 29.68 -0.42 0.00 | 29.00 -0.44 0.00 | 29.70 -0.48 0.00 | 30.63 -0.50 0.00 | 31.03 -0.54 -0.01 | 32.54 -0.49 0.00 | 39.71 -0.48 0.00 | 47.35 -0.57 0.00 | 38.20 -0.50 0.00 | 32.47 -0.36 0.00 | 29.68 -0.42 0.00 | 27.12 -0.39 0.00 | 25.22 -0.18 0.00 |
| SENECA___115KV_TB3 355854 | 25.72 0.92 0.00 | 23.41 0.86 0.00 | 21.31 0.82 0.00 | 21.04 0.83 0.00 | 20.46 0.84 0.00 | 22.37 1.31 0.00 | 22.82 0.98 0.00 | 23.98 0.49 0.00 | 25.84 0.51 0.00 | 26.17 0.86 0.00 | 29.56 0.94 0.00 | 30.94 0.84 0.00 | 30.41 0.97 0.00 | 31.12 0.94 0.00 | 31.88 0.75 0.00 | 31.96 0.41 0.00 | 33.90 0.86 0.00 | 40.55 0.36 0.00 | 49.64 1.73 0.00 | 39.95 1.24 0.00 | 34.21 1.38 0.00 | 31.43 1.32 0.00 | 28.30 0.80 0.00 | 26.66 1.27 0.00 |
| SENECA___ENERGY 23797 | 25.27 0.47 0.00 | 22.94 0.38 0.00 | 20.84 0.35 0.00 | 20.58 0.36 0.00 | 19.99 0.37 0.00 | 21.61 0.55 0.00 | 22.32 0.48 0.00 | 23.84 0.35 0.00 | 25.64 0.31 0.00 | 25.71 0.40 0.00 | 29.13 0.52 0.00 | 30.61 0.51 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.54 0.40 0.00 | 31.92 0.35 -0.02 | 33.63 0.60 0.00 | 41.07 0.88 0.00 | 49.02 1.10 0.00 | 39.44 0.73 0.00 | 33.66 0.82 0.00 | 30.76 0.66 0.00 | 28.03 0.52 0.00 | 25.98 0.58 0.00 |
| SHOEMAKER___GT 23640 | 25.80 0.99 0.00 | 23.48 0.92 0.00 | 21.33 0.84 0.00 | 21.00 0.79 0.00 | 20.41 0.79 0.00 | 21.84 0.78 0.00 | 22.71 0.87 0.00 | 24.51 1.03 0.00 | 26.60 1.27 0.00 | 26.55 1.24 0.00 | 30.07 1.46 0.00 | 31.61 1.50 0.00 | 30.94 1.50 0.00 | 31.79 1.60 0.00 | 32.81 1.68 0.00 | 33.36 1.73 -0.07 | 34.76 1.72 0.00 | 42.12 1.93 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.44 1.61 0.00 | 31.64 1.53 0.00 | 28.91 1.40 0.00 | 26.46 1.07 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 25.82 1.02 0.00 | 23.48 0.92 0.00 | 21.33 0.84 0.00 | 21.04 0.83 0.00 | 20.41 0.78 0.00 | 21.84 0.78 0.00 | 22.71 0.87 0.00 | 24.61 1.13 0.00 | 26.63 1.29 0.00 | 26.55 1.24 0.00 | 30.07 1.46 0.00 | 31.61 1.51 0.00 | 30.94 1.50 0.00 | 31.79 1.60 0.00 | 32.81 1.68 0.00 | 33.29 1.74 0.00 | 34.76 1.72 0.00 | 42.28 2.09 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.44 1.61 0.00 | 31.64 1.54 0.00 | 28.96 1.46 0.00 | 26.48 1.09 0.00 |

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| SHOREHAM_IC_1 23715 | 29.15 2.70 -1.65 | 25.17 2.61 0.00 | 23.09 2.60 0.00 | 22.08 1.86 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.67 3.12 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.95 2.33 -0.23 |
| SHOREHAM_IC_2 23716 | 29.15 2.70 -1.65 | 25.17 2.61 0.00 | 23.09 2.60 0.00 | 22.08 1.86 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.63 3.49 -2.01 | 37.44 3.50 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.67 3.12 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.95 2.33 -0.23 |
| SISSONVILLE____ 23735 | 24.46 -0.35 0.00 | 22.19 -0.36 0.00 | 20.16 -0.33 0.00 | 19.91 -0.30 0.00 | 19.17 -0.45 0.00 | 20.34 -0.72 0.00 | 21.22 -0.61 0.00 | 22.85 -0.63 0.00 | 24.47 -0.86 0.00 | 24.40 -0.91 0.00 | 27.55 -1.06 0.00 | 29.02 -1.08 0.00 | 28.32 -1.12 0.00 | 28.98 -1.21 0.00 | 29.92 -1.21 0.00 | 30.39 -1.17 0.00 | 31.95 -1.09 0.00 | 39.03 -1.17 0.00 | 46.43 -1.49 0.00 | 37.31 -1.39 0.00 | 31.78 -1.05 0.00 | 29.32 -0.78 0.00 | 27.09 -0.41 0.00 | 25.06 -0.33 0.00 |
| SITHE_IND_GS1 24169 | 24.38 -0.42 0.00 | 22.17 -0.38 0.00 | 20.14 -0.35 0.00 | 19.87 -0.34 0.00 | 19.29 -0.33 0.00 | 20.76 -0.29 0.00 | 21.49 -0.35 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.78 -0.83 0.00 | 29.20 -0.90 0.00 | 28.56 -0.88 0.00 | 29.28 -0.90 0.00 | 30.17 -0.97 0.00 | 30.59 -0.98 -0.01 | 32.05 -0.99 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.58 -1.12 0.00 | 31.95 -0.89 0.00 | 29.23 -0.87 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| SITHE_IND_GS2 24170 | 24.38 -0.42 0.00 | 22.17 -0.38 0.00 | 20.14 -0.35 0.00 | 19.87 -0.34 0.00 | 19.29 -0.33 0.00 | 20.76 -0.29 0.00 | 21.49 -0.35 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.78 -0.83 0.00 | 29.20 -0.90 0.00 | 28.56 -0.88 0.00 | 29.28 -0.90 0.00 | 30.17 -0.97 0.00 | 30.59 -0.98 -0.01 | 32.05 -0.99 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.58 -1.12 0.00 | 31.95 -0.89 0.00 | 29.23 -0.87 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| SITHE_IND_GS3 24171 | 24.38 -0.42 0.00 | 22.17 -0.38 0.00 | 20.14 -0.35 0.00 | 19.87 -0.34 0.00 | 19.29 -0.33 0.00 | 20.76 -0.29 0.00 | 21.49 -0.35 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.78 -0.83 0.00 | 29.20 -0.90 0.00 | 28.56 -0.88 0.00 | 29.28 -0.90 0.00 | 30.17 -0.97 0.00 | 30.59 -0.98 -0.01 | 32.05 -0.99 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.58 -1.12 0.00 | 31.95 -0.89 0.00 | 29.23 -0.87 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| SITHE_IND_GS4 24172 | 24.38 -0.42 0.00 | 22.17 -0.38 0.00 | 20.14 -0.35 0.00 | 19.87 -0.34 0.00 | 19.29 -0.33 0.00 | 20.76 -0.29 0.00 | 21.49 -0.35 0.00 | 22.94 -0.54 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.78 -0.83 0.00 | 29.20 -0.90 0.00 | 28.56 -0.88 0.00 | 29.28 -0.90 0.00 | 30.17 -0.97 0.00 | 30.59 -0.98 -0.01 | 32.05 -0.99 0.00 | 39.07 -1.13 0.00 | 46.58 -1.34 0.00 | 37.58 -1.12 0.00 | 31.95 -0.89 0.00 | 29.23 -0.87 0.00 | 26.74 -0.77 0.00 | 24.91 -0.48 0.00 |
| SITHE____BATAVIA 24024 | 25.57 0.77 0.00 | 23.12 0.56 0.00 | 21.14 0.66 0.00 | 21.00 0.79 0.00 | 20.33 0.71 0.00 | 22.20 1.14 0.00 | 22.58 0.74 0.00 | 23.72 0.23 0.00 | 25.54 0.20 0.00 | 25.86 0.56 0.00 | 29.18 0.57 0.00 | 30.61 0.51 0.00 | 30.03 0.59 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.54 -0.03 -0.02 | 33.47 0.43 0.00 | 41.48 1.29 0.00 | 49.21 1.29 0.00 | 39.52 0.81 0.00 | 34.05 1.22 0.00 | 31.18 1.08 0.00 | 28.39 0.88 0.00 | 26.56 1.17 0.00 |
| SITHE____INDEPEND 23800 | 24.38 -0.42 0.00 | 22.17 -0.38 0.00 | 20.14 -0.35 0.00 | 19.87 -0.34 0.00 | 19.29 -0.33 0.00 | 20.76 -0.29 0.00 | 21.49 -0.35 0.00 | 22.90 -0.59 0.00 | 24.65 -0.68 0.00 | 24.65 -0.66 0.00 | 27.78 -0.83 0.00 | 29.20 -0.90 0.00 | 28.56 -0.88 0.00 | 29.28 -0.91 0.00 | 30.17 -0.97 0.00 | 30.58 -0.98 0.00 | 32.05 -0.99 0.00 | 38.95 -1.25 0.00 | 46.58 -1.34 0.00 | 37.58 -1.12 0.00 | 31.95 -0.89 0.00 | 29.23 -0.87 0.00 | 26.71 -0.80 0.00 | 24.91 -0.48 0.00 |
| SITHE____MASSENA 23902 | 24.60 -0.20 0.00 | 22.33 -0.23 0.00 | 20.30 -0.18 0.00 | 20.03 -0.18 0.00 | 19.39 -0.23 0.00 | 20.76 -0.29 0.00 | 21.62 -0.22 0.00 | 23.29 -0.19 0.00 | 25.03 -0.30 0.00 | 24.98 -0.33 0.00 | 28.21 -0.40 0.00 | 29.71 -0.39 0.00 | 29.06 -0.38 0.00 | 29.74 -0.45 0.00 | 30.70 -0.44 0.00 | 31.11 -0.44 0.00 | 32.64 -0.39 0.00 | 39.71 -0.48 0.00 | 47.29 -0.62 0.00 | 38.13 -0.58 0.00 | 32.41 -0.43 0.00 | 29.77 -0.33 0.00 | 27.29 -0.22 0.00 | 25.19 -0.20 0.00 |
| SITHE____OGDNSBRG 24021 | 25.12 0.32 0.00 | 22.82 0.27 0.00 | 20.71 0.23 0.00 | 20.43 0.22 0.00 | 19.66 0.04 0.00 | 21.00 -0.06 0.00 | 21.86 0.02 0.00 | 23.60 0.12 0.00 | 25.21 -0.13 0.00 | 25.11 -0.20 0.00 | 28.35 -0.26 0.00 | 29.86 -0.24 0.00 | 29.09 -0.35 0.00 | 29.80 -0.39 0.00 | 30.76 -0.37 0.00 | 31.30 -0.25 0.00 | 33.04 0.00 0.00 | 40.47 0.28 0.00 | 48.25 0.34 0.00 | 38.67 -0.04 0.00 | 33.07 0.23 0.00 | 30.40 0.30 0.00 | 27.95 0.44 0.00 | 25.82 0.43 0.00 |
| SITHE____STERLING 23777 | 25.55 0.74 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.80 0.59 0.00 | 20.17 0.55 0.00 | 21.75 0.69 0.00 | 22.51 0.68 0.00 | 24.23 0.75 0.00 | 26.09 0.76 0.00 | 26.07 0.76 0.00 | 29.53 0.92 0.00 | 31.06 0.96 0.00 | 30.32 0.88 0.00 | 31.13 0.94 0.00 | 32.10 0.97 0.00 | 32.57 1.01 -0.01 | 34.20 1.16 0.00 | 41.76 1.57 0.00 | 49.84 1.92 0.00 | 40.10 1.39 0.00 | 34.15 1.31 0.00 | 31.25 1.14 0.00 | 28.44 0.94 0.00 | 26.23 0.84 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 24.98 0.17 0.00 | 22.66 0.11 0.00 | 20.61 0.12 0.00 | 20.31 0.10 0.00 | 19.74 0.12 0.00 | 21.40 0.34 0.00 | 22.05 0.22 0.00 | 23.44 -0.05 0.00 | 25.31 -0.03 0.00 | 25.41 0.10 0.00 | 28.78 0.17 0.00 | 30.28 0.18 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.16 0.03 0.00 | 31.43 -0.13 0.00 | 33.17 0.13 0.00 | 40.11 -0.08 0.00 | 48.49 0.58 0.00 | 38.98 0.27 0.00 | 33.16 0.33 0.00 | 30.34 0.24 0.00 | 27.51 0.00 0.00 | 25.67 0.28 0.00 |
| SOUTH CAIRO____GT 23612 | 25.57 0.77 0.00 | 23.23 0.68 0.00 | 21.06 0.57 0.00 | 20.76 0.55 0.00 | 20.21 0.59 0.00 | 21.65 0.59 0.00 | 22.62 0.78 0.00 | 24.38 0.89 0.00 | 26.45 1.11 0.00 | 26.35 1.04 0.00 | 29.93 1.32 0.00 | 31.42 1.32 0.00 | 30.80 1.36 0.00 | 31.67 1.48 0.00 | 32.78 1.65 0.00 | 33.41 1.77 -0.09 | 35.12 2.08 0.00 | 42.20 2.01 0.00 | 50.60 2.68 0.00 | 40.87 2.17 0.00 | 34.51 1.67 0.00 | 31.52 1.42 0.00 | 28.85 1.35 0.00 | 26.36 0.96 0.00 |
| SOUTH HAMPTN____IC 23720 | 29.50 3.05 -1.65 | 25.46 2.91 0.00 | 23.34 2.85 0.00 | 22.36 2.14 -0.01 | 22.03 2.41 0.00 | 22.39 1.33 0.00 | 23.15 1.31 0.00 | 25.48 1.99 0.00 | 28.05 2.71 0.00 | 27.86 2.56 0.00 | 31.87 3.26 0.00 | 35.07 3.61 -1.36 | 34.96 3.47 -2.04 | 36.58 3.53 -2.86 | 37.10 3.95 -2.01 | 37.91 3.98 -2.38 | 42.27 4.99 -4.25 | 55.12 5.42 -9.51 | 59.24 6.37 -4.94 | 45.71 5.46 -1.54 | 39.20 3.64 -2.72 | 37.77 3.52 -4.15 | 37.31 2.83 -6.97 | 28.31 2.69 -0.23 |

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| SOUTHDOWN_115KV_TB1 355954 | 26.69 1.88 0.00 | 24.27 1.71 0.00 | 22.09 1.60 0.00 | 21.79 1.58 0.00 | 21.23 1.61 0.00 | 23.19 2.13 0.00 | 23.65 1.81 0.00 | 24.99 1.50 0.00 | 26.93 1.60 0.00 | 27.36 2.05 0.00 | 30.96 2.35 0.00 | 32.39 2.29 0.00 | 31.86 2.41 0.00 | 32.60 2.42 0.00 | 33.40 2.27 0.00 | 33.51 1.96 0.00 | 35.48 2.44 0.00 | 42.64 2.45 0.00 | 52.28 4.36 0.00 | 41.96 3.25 0.00 | 35.95 3.12 0.00 | 32.99 2.89 0.00 | 29.65 2.15 0.00 | 27.75 2.36 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 29.91 3.47 -1.64 | 25.15 2.59 0.00 | 23.03 2.54 0.00 | 23.35 3.13 0.00 | 22.47 2.85 0.00 | 22.74 1.68 0.00 | 23.52 1.68 0.00 | 26.35 2.86 0.00 | 28.58 3.24 0.00 | 28.35 3.04 0.00 | 32.45 3.83 0.00 | 35.67 4.21 -1.35 | 35.57 4.09 -2.03 | 37.27 4.23 -2.85 | 37.68 4.55 -2.00 | 38.43 4.58 -2.30 | 42.93 5.65 -4.24 | 56.00 6.31 -9.50 | 60.28 7.43 -4.94 | 46.51 6.27 -1.54 | 39.88 4.33 -2.71 | 38.34 4.09 -4.14 | 37.82 3.36 -6.96 | 28.76 3.15 -0.22 |
| SOUTHOLD___IC 23719 | 29.92 3.47 -1.65 | 25.84 3.29 0.00 | 23.68 3.19 0.00 | 22.71 2.49 -0.01 | 22.35 2.73 0.00 | 22.74 1.69 0.00 | 23.52 1.68 0.00 | 25.90 2.42 0.00 | 28.53 3.19 0.00 | 28.34 3.04 0.00 | 32.45 3.84 0.00 | 35.68 4.21 -1.36 | 35.57 4.09 -2.04 | 37.19 4.14 -2.86 | 37.69 4.55 -2.01 | 38.51 4.57 -2.38 | 42.93 5.65 -4.25 | 55.97 6.27 -9.51 | 60.29 7.43 -4.94 | 46.52 6.27 -1.54 | 39.89 4.33 -2.72 | 38.34 4.09 -4.15 | 37.77 3.30 -6.97 | 28.74 3.12 -0.23 |
| SPIERFLS_115KV_TB 1 80737 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.23 0.74 0.00 | 20.88 0.67 0.00 | 20.35 0.73 0.00 | 21.73 0.67 0.00 | 22.56 0.72 0.00 | 24.54 1.06 0.00 | 26.75 1.42 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 32.91 1.77 0.00 | 33.42 1.86 0.00 | 34.99 1.95 0.00 | 42.80 2.61 0.00 | 51.13 3.21 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.10 1.60 0.00 | 26.48 1.09 0.00 |
| ST LAWRENCE____ 23600 | 24.33 -0.47 0.00 | 22.12 -0.43 0.00 | 20.10 -0.39 0.00 | 19.83 -0.38 0.00 | 19.23 -0.39 0.00 | 20.60 -0.46 0.00 | 21.42 -0.42 0.00 | 23.08 -0.40 0.00 | 24.85 -0.48 0.00 | 24.80 -0.51 0.00 | 28.04 -0.57 0.00 | 29.50 -0.60 0.00 | 28.85 -0.59 0.00 | 29.52 -0.66 0.00 | 30.48 -0.66 0.00 | 30.89 -0.66 0.00 | 32.38 -0.66 0.00 | 39.39 -0.80 0.00 | 46.91 -1.01 0.00 | 37.86 -0.85 0.00 | 32.14 -0.69 0.00 | 29.50 -0.60 0.00 | 27.01 -0.49 0.00 | 24.91 -0.48 0.00 |
| STATE_CA_115KV_115_LB 55624 | 25.42 0.62 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.70 0.49 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.36 0.52 0.00 | 24.30 0.82 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.30 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.01 1.45 0.00 | 34.49 1.45 0.00 | 42.04 1.85 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.20 0.00 | 28.63 1.13 0.00 | 26.13 0.74 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 25.42 0.62 0.00 | 23.09 0.54 0.00 | 20.96 0.47 0.00 | 20.70 0.49 0.00 | 20.11 0.49 0.00 | 21.71 0.65 0.00 | 22.45 0.61 0.00 | 24.00 0.52 0.00 | 25.87 0.53 0.00 | 25.92 0.61 0.00 | 29.36 0.74 0.00 | 30.88 0.78 0.00 | 30.18 0.74 0.00 | 30.94 0.75 0.00 | 31.85 0.72 0.00 | 32.22 0.66 0.00 | 33.93 0.89 0.00 | 41.20 1.00 0.00 | 49.45 1.53 0.00 | 39.83 1.12 0.00 | 33.89 1.05 0.00 | 30.97 0.87 0.00 | 28.14 0.63 0.00 | 26.10 0.71 0.00 |
| STATION 5_MISC_HYD 23604 | 25.22 0.42 0.00 | 22.87 0.32 0.00 | 20.80 0.31 0.00 | 20.58 0.36 0.00 | 19.93 0.31 0.00 | 21.65 0.59 0.00 | 22.27 0.44 0.00 | 23.58 0.09 0.00 | 25.41 0.08 0.00 | 25.59 0.28 0.00 | 28.96 0.34 0.00 | 30.43 0.33 0.00 | 29.80 0.35 0.00 | 30.43 0.24 0.00 | 31.29 0.16 0.00 | 31.51 -0.06 0.00 | 33.30 0.26 0.00 | 40.92 0.72 0.00 | 48.73 0.81 0.00 | 39.17 0.47 0.00 | 33.39 0.56 0.00 | 30.55 0.45 0.00 | 27.86 0.36 0.00 | 26.00 0.61 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 25.37 0.57 0.00 | 23.00 0.45 0.00 | 20.92 0.43 0.00 | 20.64 0.42 0.00 | 20.03 0.41 0.00 | 21.71 0.65 0.00 | 22.40 0.57 0.00 | 23.79 0.31 0.00 | 25.69 0.35 0.00 | 25.84 0.53 0.00 | 29.24 0.63 0.00 | 30.76 0.66 0.00 | 30.09 0.65 0.00 | 30.76 0.57 0.00 | 31.63 0.50 0.00 | 31.90 0.35 0.00 | 33.70 0.66 0.00 | 40.67 0.48 0.00 | 49.31 1.39 0.00 | 39.56 0.85 0.00 | 33.72 0.89 0.00 | 30.82 0.72 0.00 | 27.95 0.44 0.00 | 26.05 0.66 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 25.03 0.22 0.00 | 22.71 0.16 0.00 | 20.65 0.16 0.00 | 20.37 0.16 0.00 | 19.76 0.14 0.00 | 21.48 0.42 0.00 | 22.12 0.28 0.00 | 23.39 -0.09 0.00 | 25.26 -0.08 0.00 | 25.44 0.13 0.00 | 28.78 0.17 0.00 | 30.25 0.15 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.10 -0.03 0.00 | 31.33 -0.22 0.00 | 33.14 0.10 0.00 | 39.91 -0.28 0.00 | 48.49 0.58 0.00 | 38.94 0.23 0.00 | 33.16 0.33 0.00 | 30.37 0.27 0.00 | 27.51 0.00 0.00 | 25.75 0.36 0.00 |
| STA_56___34_KV_BUS2 355983 | 25.03 0.22 0.00 | 22.71 0.16 0.00 | 20.65 0.16 0.00 | 20.37 0.16 0.00 | 19.76 0.14 0.00 | 21.48 0.42 0.00 | 22.12 0.28 0.00 | 23.39 -0.09 0.00 | 25.26 -0.08 0.00 | 25.44 0.13 0.00 | 28.78 0.17 0.00 | 30.25 0.15 0.00 | 29.62 0.18 0.00 | 30.31 0.12 0.00 | 31.10 -0.03 0.00 | 31.33 -0.22 0.00 | 33.14 0.10 0.00 | 39.91 -0.28 0.00 | 48.49 0.58 0.00 | 38.94 0.23 0.00 | 33.16 0.33 0.00 | 30.37 0.27 0.00 | 27.51 0.00 0.00 | 25.75 0.36 0.00 |
| STA_67___115KV_BK2 355882 | 25.15 0.35 0.00 | 22.82 0.27 0.00 | 20.78 0.29 0.00 | 20.48 0.26 0.00 | 19.88 0.26 0.00 | 21.61 0.55 0.00 | 22.23 0.39 0.00 | 23.48 0.00 0.00 | 25.36 0.03 0.00 | 25.56 0.25 0.00 | 28.87 0.26 0.00 | 30.34 0.24 0.00 | 29.74 0.29 0.00 | 30.40 0.21 0.00 | 31.23 0.09 0.00 | 31.43 -0.13 0.00 | 33.24 0.20 0.00 | 40.03 -0.16 0.00 | 48.64 0.72 0.00 | 39.06 0.35 0.00 | 33.29 0.46 0.00 | 30.49 0.39 0.00 | 27.62 0.11 0.00 | 25.90 0.51 0.00 |
| STA_7___115KV_9TRANS 80674 | 25.30 0.50 0.00 | 22.94 0.38 0.00 | 20.88 0.39 0.00 | 20.58 0.36 0.00 | 19.97 0.35 0.00 | 21.71 0.65 0.00 | 22.34 0.50 0.00 | 23.60 0.12 0.00 | 25.51 0.18 0.00 | 25.71 0.40 0.00 | 29.07 0.46 0.00 | 30.58 0.48 0.00 | 29.94 0.50 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.65 0.09 0.00 | 33.47 0.43 0.00 | 40.35 0.16 0.00 | 49.07 1.15 0.00 | 39.36 0.66 0.00 | 33.56 0.72 0.00 | 30.70 0.60 0.00 | 27.81 0.30 0.00 | 26.05 0.66 0.00 |
| STA_82___115KV_TB1 80780 | 25.17 0.37 0.00 | 22.85 0.29 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.90 0.27 0.00 | 21.63 0.57 0.00 | 22.25 0.41 0.00 | 23.51 0.02 0.00 | 25.38 0.05 0.00 | 25.56 0.25 0.00 | 28.90 0.29 0.00 | 30.37 0.27 0.00 | 29.74 0.29 0.00 | 30.43 0.24 0.00 | 31.23 0.09 0.00 | 31.46 -0.09 0.00 | 33.27 0.23 0.00 | 40.03 -0.16 0.00 | 48.64 0.72 0.00 | 39.09 0.39 0.00 | 33.33 0.49 0.00 | 30.52 0.42 0.00 | 27.64 0.14 0.00 | 25.90 0.51 0.00 |
| STEEL___WIND 323596 | 25.74 0.94 0.00 | 23.36 0.81 0.00 | 21.31 0.82 0.00 | 21.12 0.91 0.00 | 20.46 0.84 0.00 | 22.34 1.28 0.00 | 22.80 0.96 0.00 | 24.02 0.54 0.00 | 25.79 0.46 0.00 | 26.14 0.83 0.00 | 29.50 0.89 0.00 | 30.91 0.81 0.00 | 30.36 0.91 0.00 | 31.00 0.82 0.00 | 31.85 0.72 0.00 | 31.96 0.38 -0.02 | 33.83 0.79 0.00 | 41.88 1.69 0.00 | 49.59 1.68 0.00 | 39.91 1.20 0.00 | 34.18 1.35 0.00 | 31.40 1.29 0.00 | 28.55 1.04 0.00 | 26.71 1.32 0.00 |

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| STEPHTWN_115KV_BK_2 55603 | 25.52 0.72 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.78 0.57 0.00 | 20.25 0.63 0.00 | 21.63 0.57 0.00 | 22.47 0.63 0.00 | 24.45 0.96 0.00 | 26.52 1.19 0.00 | 26.45 1.14 0.00 | 30.01 1.40 0.00 | 31.61 1.51 0.00 | 30.91 1.47 0.00 | 31.76 1.57 0.00 | 32.69 1.56 0.00 | 33.20 1.64 0.00 | 34.69 1.65 0.00 | 42.28 2.09 0.00 | 50.36 2.44 0.00 | 40.72 2.01 0.00 | 34.38 1.54 0.00 | 31.49 1.38 0.00 | 28.77 1.27 0.00 | 26.23 0.84 0.00 |
| STEBEN_REC_LFGE 323667 | 26.37 1.56 0.00 | 23.95 1.40 0.00 | 21.78 1.29 0.00 | 21.51 1.29 0.00 | 20.94 1.31 0.00 | 22.79 1.73 0.00 | 23.36 1.53 0.00 | 24.77 1.29 0.00 | 26.68 1.34 0.00 | 26.88 1.57 0.00 | 30.47 1.86 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.03 1.84 0.00 | 32.91 1.77 0.00 | 33.10 1.55 0.00 | 35.09 2.05 0.00 | 42.24 2.05 0.00 | 51.51 3.59 0.00 | 41.38 2.67 0.00 | 35.43 2.59 0.00 | 32.42 2.32 0.00 | 29.24 1.73 0.00 | 27.25 1.85 0.00 |
| STILLWATER___SOLAR 323814 | 25.79 0.99 0.00 | 23.48 0.92 0.00 | 21.33 0.84 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 21.84 0.78 0.00 | 22.64 0.81 0.00 | 24.61 1.13 0.00 | 26.75 1.42 0.00 | 26.73 1.42 0.00 | 30.30 1.69 0.00 | 31.91 1.81 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 33.00 1.87 0.00 | 33.48 1.92 0.00 | 35.02 1.98 0.00 | 42.76 2.57 0.00 | 50.98 3.07 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.88 1.78 0.00 | 29.10 1.60 0.00 | 26.54 1.14 0.00 |
| STONY___BROOK 24151 | 29.01 2.56 -1.65 | 24.99 2.44 0.00 | 22.80 2.31 0.00 | 22.02 1.80 -0.01 | 21.60 1.98 0.00 | 22.24 1.18 0.00 | 23.04 1.20 0.00 | 25.32 1.83 0.00 | 27.79 2.46 0.00 | 27.64 2.33 0.00 | 31.56 2.95 0.00 | 34.71 3.25 -1.36 | 34.64 3.15 -2.04 | 36.28 3.23 -2.86 | 36.69 3.55 -2.01 | 37.50 3.56 -2.38 | 41.41 4.13 -4.25 | 54.28 4.58 -9.51 | 58.32 5.46 -4.94 | 44.82 4.57 -1.54 | 38.80 3.25 -2.72 | 37.44 3.19 -4.15 | 37.09 2.61 -6.97 | 28.00 2.39 -0.23 |
| STURGEON_POOL_HYD 23609 | 25.92 1.12 0.00 | 23.57 1.01 0.00 | 21.41 0.92 0.00 | 21.12 0.91 0.00 | 20.46 0.84 0.00 | 21.86 0.80 0.00 | 22.78 0.94 0.00 | 24.73 1.24 0.00 | 26.75 1.42 0.00 | 26.65 1.34 0.00 | 30.21 1.60 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.94 1.75 0.00 | 33.06 1.93 0.00 | 33.54 1.99 0.00 | 34.99 1.95 0.00 | 42.48 2.29 0.00 | 50.51 2.59 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.76 1.66 0.00 | 29.13 1.62 0.00 | 26.59 1.19 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 25.89 1.09 0.00 | 23.57 1.01 0.00 | 21.39 0.90 0.00 | 21.10 0.89 0.00 | 20.48 0.86 0.00 | 21.90 0.84 0.00 | 22.78 0.94 0.00 | 24.70 1.22 0.00 | 26.75 1.42 0.00 | 26.65 1.34 0.00 | 30.18 1.57 0.00 | 31.73 1.63 0.00 | 31.06 1.62 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.89 1.85 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.76 1.66 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| SWANROAD_115KV_TB1 355699 | 24.88 0.07 0.00 | 22.71 0.16 0.00 | 20.57 0.08 0.00 | 20.41 0.20 0.00 | 19.90 0.27 0.00 | 21.73 0.67 0.00 | 22.05 0.22 0.00 | 23.06 -0.42 0.00 | 24.85 -0.48 0.00 | 25.18 -0.13 0.00 | 28.35 -0.26 0.00 | 29.74 -0.36 0.00 | 29.18 -0.26 0.00 | 29.86 -0.33 0.00 | 30.57 -0.56 0.00 | 30.64 -0.92 0.00 | 32.51 -0.53 0.00 | 38.78 -1.41 0.00 | 47.53 -0.38 0.00 | 38.24 -0.46 0.00 | 32.80 -0.03 0.00 | 30.13 0.03 0.00 | 27.18 -0.33 0.00 | 25.70 0.30 0.00 |
| SYNERGY___BIOGAS 323694 | 25.57 0.77 0.00 | 23.12 0.56 0.00 | 21.14 0.66 0.00 | 21.00 0.79 0.00 | 20.33 0.71 0.00 | 22.20 1.14 0.00 | 22.58 0.74 0.00 | 23.72 0.23 0.00 | 25.54 0.20 0.00 | 25.86 0.56 0.00 | 29.18 0.57 0.00 | 30.61 0.51 0.00 | 30.03 0.59 0.00 | 30.61 0.42 0.00 | 31.44 0.31 0.00 | 31.54 -0.03 -0.02 | 33.47 0.43 0.00 | 41.48 1.29 0.00 | 49.21 1.29 0.00 | 39.52 0.81 0.00 | 34.05 1.22 0.00 | 31.18 1.08 0.00 | 28.39 0.88 0.00 | 26.56 1.17 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 25.15 0.35 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.19 0.35 0.00 | 23.69 0.21 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.46 0.27 0.00 | 31.38 0.25 0.00 | 31.78 0.22 0.00 | 33.37 0.33 0.00 | 40.51 0.32 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.73 0.22 0.00 | 25.75 0.36 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 25.15 0.35 0.00 | 22.87 0.32 0.00 | 20.78 0.29 0.00 | 20.50 0.28 0.00 | 19.92 0.29 0.00 | 21.46 0.40 0.00 | 22.19 0.35 0.00 | 23.69 0.21 0.00 | 25.51 0.18 0.00 | 25.54 0.23 0.00 | 28.90 0.29 0.00 | 30.40 0.30 0.00 | 29.71 0.26 0.00 | 30.46 0.27 0.00 | 31.38 0.25 0.00 | 31.78 0.22 0.00 | 33.37 0.33 0.00 | 40.51 0.32 0.00 | 48.54 0.62 0.00 | 39.13 0.43 0.00 | 33.29 0.46 0.00 | 30.43 0.33 0.00 | 27.73 0.22 0.00 | 25.75 0.36 0.00 |
| SYRACUSE___POWER 24017 | 25.08 0.27 0.00 | 22.78 0.23 0.00 | 20.69 0.20 0.00 | 20.41 0.20 0.00 | 19.84 0.22 0.00 | 21.35 0.29 0.00 | 22.10 0.26 0.00 | 23.60 0.12 0.00 | 25.41 0.08 0.00 | 25.41 0.10 0.00 | 28.75 0.14 0.00 | 30.22 0.12 0.00 | 29.56 0.12 0.00 | 30.31 0.12 0.00 | 31.23 0.09 0.00 | 31.62 0.06 0.00 | 33.20 0.17 0.00 | 40.31 0.12 0.00 | 48.30 0.38 0.00 | 38.94 0.23 0.00 | 33.13 0.30 0.00 | 30.31 0.21 0.00 | 27.62 0.11 0.00 | 25.62 0.23 0.00 |
| TALLMAN__138KV_BK151 55660 | 25.94 1.14 0.00 | 23.63 1.08 0.00 | 21.47 0.98 0.00 | 21.18 0.97 0.00 | 20.54 0.92 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.77 1.29 0.00 | 26.85 1.52 0.00 | 26.75 1.44 0.00 | 30.27 1.66 0.00 | 31.82 1.72 0.00 | 31.15 1.71 0.00 | 32.00 1.81 0.00 | 33.03 1.90 0.00 | 33.51 1.96 0.00 | 34.92 1.88 0.00 | 42.56 2.37 0.00 | 50.65 2.73 0.00 | 40.99 2.28 0.00 | 34.64 1.81 0.00 | 31.85 1.75 0.00 | 29.16 1.65 0.00 | 26.61 1.22 0.00 |
| TEALLAVE_115KV_TB7 355573 | 24.95 0.15 0.00 | 22.66 0.11 0.00 | 20.59 0.10 0.00 | 20.31 0.10 0.00 | 19.74 0.12 0.00 | 21.25 0.19 0.00 | 21.99 0.15 0.00 | 23.46 -0.02 0.00 | 25.23 -0.10 0.00 | 25.23 -0.08 0.00 | 28.53 -0.09 0.00 | 30.01 -0.09 0.00 | 29.35 -0.09 0.00 | 30.07 -0.12 0.00 | 30.98 -0.16 0.00 | 31.36 -0.19 0.00 | 32.94 -0.10 0.00 | 39.99 -0.20 0.00 | 47.92 0.00 0.00 | 38.63 -0.08 0.00 | 32.84 0.00 0.00 | 30.04 -0.06 0.00 | 27.40 -0.11 0.00 | 25.47 0.08 0.00 |
| TELEGRAPH_34_KV_EAST 80808 | 25.32 0.52 0.00 | 23.07 0.52 0.00 | 20.96 0.47 0.00 | 20.74 0.53 0.00 | 20.17 0.55 0.00 | 22.05 0.99 0.00 | 22.45 0.61 0.00 | 23.53 0.05 0.00 | 25.38 0.05 0.00 | 25.71 0.40 0.00 | 29.01 0.40 0.00 | 30.40 0.30 0.00 | 29.85 0.41 0.00 | 30.52 0.33 0.00 | 31.26 0.12 0.00 | 31.33 -0.22 0.00 | 33.27 0.23 0.00 | 39.79 -0.40 0.00 | 48.78 0.86 0.00 | 39.17 0.46 0.00 | 33.59 0.76 0.00 | 30.82 0.72 0.00 | 27.78 0.28 0.00 | 26.20 0.81 0.00 |
| TEMPLE___115KV_TB 2 55572 | 24.98 0.17 0.00 | 22.69 0.14 0.00 | 20.61 0.12 0.00 | 20.33 0.12 0.00 | 19.76 0.14 0.00 | 21.29 0.23 0.00 | 22.01 0.17 0.00 | 23.48 0.00 0.00 | 25.28 -0.05 0.00 | 25.26 -0.05 0.00 | 28.58 -0.03 0.00 | 30.04 -0.06 0.00 | 29.38 -0.06 0.00 | 30.13 -0.06 0.00 | 31.04 -0.09 0.00 | 31.43 -0.13 0.00 | 32.97 -0.07 0.00 | 40.07 -0.12 0.00 | 47.97 0.05 0.00 | 38.71 0.00 0.00 | 32.90 0.07 0.00 | 30.10 0.00 0.00 | 27.42 -0.08 0.00 | 25.49 0.10 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TIANA____69_KV_BK 1 55817 | 29.39 2.95 -1.64 | 24.67 2.12 0.00 | 22.62 2.13 0.00 | 22.92 2.71 0.00 | 22.05 2.43 0.00 | 22.30 1.24 0.00 | 23.06 1.22 0.00 | 25.83 2.35 0.00 | 27.97 2.63 0.00 | 27.74 2.43 0.00 | 31.76 3.15 0.00 | 34.92 3.46 -1.35 | 34.83 3.36 -2.03 | 36.54 3.50 -2.85 | 36.97 3.83 -2.00 | 37.70 3.85 -2.30 | 42.13 4.86 -4.24 | 55.00 5.31 -9.50 | 59.04 6.18 -4.94 | 45.55 5.30 -1.54 | 39.06 3.51 -2.71 | 37.64 3.40 -4.14 | 37.24 2.78 -6.96 | 28.23 2.62 -0.22 |
| TILDEN____115KV_TB1 80814 | 25.08 0.27 0.00 | 22.78 0.23 0.00 | 20.69 0.20 0.00 | 20.41 0.20 0.00 | 19.84 0.22 0.00 | 21.35 0.29 0.00 | 22.10 0.26 0.00 | 23.60 0.12 0.00 | 25.41 0.08 0.00 | 25.41 0.10 0.00 | 28.75 0.14 0.00 | 30.22 0.12 0.00 | 29.56 0.12 0.00 | 30.31 0.12 0.00 | 31.23 0.09 0.00 | 31.62 0.06 0.00 | 33.20 0.17 0.00 | 40.31 0.12 0.00 | 48.30 0.38 0.00 | 38.94 0.23 0.00 | 33.13 0.30 0.00 | 30.31 0.21 0.00 | 27.62 0.11 0.00 | 25.62 0.23 0.00 |
| TRIGEN____CC 323695 | 28.13 1.69 -1.64 | 24.04 1.49 0.00 | 21.82 1.33 0.00 | 21.57 1.35 0.00 | 20.92 1.29 0.00 | 22.22 1.16 0.00 | 23.06 1.22 0.00 | 25.20 1.71 0.00 | 27.41 2.08 0.00 | 27.28 1.97 0.00 | 30.93 2.32 0.00 | 33.92 2.47 -1.35 | 33.92 2.44 -2.03 | 35.61 2.57 -2.85 | 35.81 2.68 -2.00 | 36.60 2.75 -2.30 | 39.92 2.64 -4.24 | 53.03 3.34 -9.50 | 56.78 3.93 -4.94 | 43.42 3.17 -1.54 | 38.07 2.53 -2.71 | 36.71 2.47 -4.14 | 36.75 2.28 -6.96 | 27.39 1.78 -0.22 |
| TRINITY__115KV__ 4 BK 55933 | 25.35 0.55 0.00 | 23.07 0.52 0.00 | 20.96 0.47 0.00 | 20.66 0.44 0.00 | 20.11 0.49 0.00 | 21.50 0.44 0.00 | 22.32 0.48 0.00 | 24.26 0.77 0.00 | 26.25 0.91 0.00 | 26.19 0.89 0.00 | 29.70 1.09 0.00 | 31.31 1.20 0.00 | 30.65 1.21 0.00 | 31.49 1.30 0.00 | 32.44 1.31 0.00 | 32.91 1.36 0.00 | 34.39 1.35 0.00 | 41.88 1.69 0.00 | 49.88 1.96 0.00 | 40.33 1.63 0.00 | 34.05 1.21 0.00 | 31.22 1.11 0.00 | 28.55 1.05 0.00 | 26.05 0.66 0.00 |
| UNION____PROCESSING_DRP 323587 | 25.17 0.37 0.00 | 22.85 0.29 0.00 | 20.80 0.31 0.00 | 20.50 0.28 0.00 | 19.90 0.27 0.00 | 21.63 0.57 0.00 | 22.25 0.41 0.00 | 23.51 0.02 0.00 | 25.38 0.05 0.00 | 25.59 0.28 0.00 | 28.93 0.31 0.00 | 30.40 0.30 0.00 | 29.77 0.32 0.00 | 30.43 0.24 0.00 | 31.26 0.12 0.00 | 31.46 -0.09 0.00 | 33.27 0.23 0.00 | 40.07 -0.12 0.00 | 48.68 0.77 0.00 | 39.09 0.39 0.00 | 33.33 0.49 0.00 | 30.52 0.42 0.00 | 27.64 0.14 0.00 | 25.93 0.53 0.00 |
| UPPER HUDSON____HYD 24058 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.23 0.74 0.00 | 20.86 0.65 0.00 | 20.35 0.73 0.00 | 21.73 0.67 0.00 | 22.56 0.72 0.00 | 24.49 1.01 0.00 | 26.75 1.42 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 32.91 1.77 0.00 | 33.51 1.86 -0.10 | 34.99 1.95 0.00 | 42.68 2.49 0.00 | 51.13 3.21 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.07 1.57 0.00 | 26.48 1.09 0.00 |
| UPPER RAQUET____HYD 24056 | 24.46 -0.35 0.00 | 22.19 -0.36 0.00 | 20.16 -0.33 0.00 | 19.91 -0.30 0.00 | 19.17 -0.45 0.00 | 20.34 -0.72 0.00 | 21.23 -0.61 0.00 | 22.85 -0.63 0.00 | 24.47 -0.86 0.00 | 24.40 -0.91 0.00 | 27.55 -1.06 0.00 | 29.02 -1.08 0.00 | 28.32 -1.12 0.00 | 28.98 -1.21 0.00 | 29.92 -1.21 0.00 | 30.39 -1.17 0.00 | 31.95 -1.09 0.00 | 38.99 -1.20 0.00 | 46.43 -1.49 0.00 | 37.32 -1.39 0.00 | 31.78 -1.05 0.00 | 29.32 -0.78 0.00 | 27.07 -0.44 0.00 | 25.06 -0.33 0.00 |
| VALLEY44_115KV_TB2 355964 | 25.92 1.12 0.00 | 23.57 1.01 0.00 | 21.47 0.98 0.00 | 21.20 0.99 0.00 | 20.62 1.00 0.00 | 22.49 1.43 0.00 | 23.02 1.18 0.00 | 24.38 0.89 0.00 | 26.25 0.91 0.00 | 26.55 0.91 0.00 | 29.96 1.24 0.00 | 31.40 1.34 0.00 | 30.83 1.29 0.00 | 31.55 1.36 0.00 | 32.35 1.21 0.00 | 32.47 0.92 0.00 | 34.39 1.35 0.00 | 41.32 1.13 0.00 | 50.51 2.59 0.00 | 40.64 1.94 0.00 | 34.77 1.94 0.00 | 31.91 1.81 0.00 | 28.74 1.24 0.00 | 26.87 1.47 0.00 |
| VALLEY____115KV_TB 1-4 80826 | 25.50 0.69 0.00 | 23.21 0.65 0.00 | 21.08 0.59 0.00 | 20.82 0.61 0.00 | 20.21 0.59 0.00 | 21.73 0.67 0.00 | 22.51 0.68 0.00 | 24.23 0.75 0.00 | 26.14 0.81 0.00 | 26.12 0.81 0.00 | 29.50 0.89 0.00 | 31.00 0.90 0.00 | 30.30 0.85 0.00 | 31.06 0.88 0.00 | 32.04 0.90 0.00 | 32.47 0.92 0.00 | 33.93 0.89 0.00 | 41.24 1.04 0.00 | 49.12 1.20 0.00 | 39.60 0.89 0.00 | 33.59 0.76 0.00 | 30.76 0.66 0.00 | 28.06 0.55 0.00 | 25.90 0.51 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.17 1.36 0.00 | 23.79 1.24 0.00 | 21.59 1.11 0.00 | 21.30 1.09 0.00 | 20.66 1.04 0.00 | 22.28 1.22 0.00 | 23.06 1.22 0.00 | 24.94 1.46 0.00 | 26.93 1.60 0.00 | 26.93 1.62 0.00 | 30.53 1.92 0.00 | 32.09 1.99 0.00 | 31.36 1.91 0.00 | 32.18 1.99 0.00 | 33.16 2.02 0.00 | 33.64 2.08 0.00 | 35.19 2.15 0.00 | 42.84 2.65 0.00 | 51.13 3.21 0.00 | 41.22 2.52 0.00 | 35.10 2.27 0.00 | 32.15 2.05 0.00 | 29.24 1.73 0.00 | 26.84 1.45 0.00 |
| VISCHER____FERRY HYD 24020 | 25.62 0.82 0.00 | 23.34 0.79 0.00 | 21.19 0.70 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 21.71 0.65 0.00 | 22.49 0.65 0.00 | 24.40 0.91 0.00 | 26.52 1.19 0.00 | 26.47 1.16 0.00 | 30.01 1.40 0.00 | 31.64 1.53 0.00 | 30.97 1.53 0.00 | 31.82 1.63 0.00 | 32.78 1.65 0.00 | 33.35 1.70 -0.10 | 34.76 1.72 0.00 | 42.24 2.05 0.00 | 50.46 2.54 0.00 | 40.76 2.05 0.00 | 34.41 1.58 0.00 | 31.55 1.44 0.00 | 28.80 1.29 0.00 | 26.31 0.91 0.00 |
| V_A_10_SYNC_DSASP 323832 | 25.00 0.20 0.00 | 22.69 0.14 0.00 | 20.67 0.18 0.00 | 20.47 0.26 0.00 | 19.86 0.24 0.00 | 21.63 0.57 0.00 | 22.16 0.33 0.00 | 23.32 -0.16 0.00 | 25.08 -0.25 0.00 | 25.33 0.03 0.00 | 28.58 -0.03 0.00 | 29.98 -0.12 0.00 | 29.41 -0.03 0.00 | 30.01 -0.18 0.00 | 30.85 -0.28 0.00 | 31.01 -0.57 -0.02 | 32.81 -0.23 0.00 | 40.39 0.20 0.00 | 47.87 -0.05 0.00 | 38.55 -0.15 0.00 | 32.97 0.13 0.00 | 30.28 0.18 0.00 | 27.59 0.08 0.00 | 25.87 0.48 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 24.43 -0.37 0.00 | 22.19 -0.36 0.00 | 20.18 -0.31 0.00 | 19.91 -0.30 0.00 | 19.29 -0.33 0.00 | 20.68 -0.38 0.00 | 21.53 -0.31 0.00 | 23.18 -0.31 0.00 | 24.93 -0.41 0.00 | 24.90 -0.41 0.00 | 28.12 -0.49 0.00 | 29.62 -0.48 0.00 | 28.97 -0.47 0.00 | 29.65 -0.54 0.00 | 30.60 -0.53 0.00 | 31.02 -0.54 0.00 | 32.51 -0.53 0.00 | 39.55 -0.64 0.00 | 47.10 -0.81 0.00 | 38.01 -0.70 0.00 | 32.28 -0.56 0.00 | 29.62 -0.48 0.00 | 27.12 -0.39 0.00 | 25.01 -0.38 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 25.37 0.57 0.00 | 23.05 0.50 0.00 | 21.00 0.51 0.00 | 20.76 0.55 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.58 0.74 0.00 | 24.40 0.91 0.00 | 26.20 0.86 0.00 | 26.12 0.81 0.00 | 29.47 0.86 0.00 | 31.04 0.93 0.00 | 30.32 0.88 0.00 | 31.03 0.84 0.00 | 32.07 0.93 0.00 | 32.50 0.95 0.00 | 34.23 1.19 0.00 | 41.72 1.53 0.00 | 49.69 1.77 0.00 | 39.87 1.16 0.00 | 33.89 1.05 0.00 | 31.06 0.96 0.00 | 28.36 0.85 0.00 | 26.15 0.76 0.00 |
| V_E_10_SYNC_DSASP 323830 | 26.99 2.18 0.00 | 24.54 1.99 0.00 | 22.27 1.78 0.00 | 22.01 1.80 0.00 | 21.35 1.73 0.00 | 23.21 2.15 0.00 | 23.93 2.10 0.00 | 25.85 2.37 0.00 | 27.77 2.43 0.00 | 27.79 2.48 0.00 | 31.53 2.92 0.00 | 33.14 3.04 0.00 | 32.30 2.86 0.00 | 33.12 2.93 0.00 | 34.06 2.93 0.00 | 34.64 3.06 -0.03 | 36.48 3.44 0.00 | 44.77 4.58 0.00 | 53.38 5.46 0.00 | 42.73 4.03 0.00 | 36.64 3.81 0.00 | 33.41 3.31 0.00 | 30.23 2.72 0.00 | 27.83 2.44 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 25.82 1.02 0.00 | 23.50 0.95 0.00 | 21.35 0.86 0.00 | 21.02 0.81 0.00 | 20.46 0.84 0.00 | 21.86 0.80 0.00 | 22.69 0.85 0.00 | 24.59 1.10 0.00 | 26.78 1.44 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.97 1.87 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.03 1.90 0.00 | 33.61 1.96 -0.10 | 35.06 2.02 0.00 | 42.72 2.53 0.00 | 51.08 3.16 0.00 | 41.19 2.48 0.00 | 34.81 1.97 0.00 | 31.91 1.81 0.00 | 29.10 1.59 0.00 | 26.56 1.17 0.00 |
| V_F_30_SYNC_DSASP 323786 | 25.40 0.60 0.00 | 23.14 0.59 0.00 | 21.00 0.51 0.00 | 20.70 0.49 0.00 | 20.15 0.53 0.00 | 21.54 0.48 0.00 | 22.36 0.52 0.00 | 24.30 0.82 0.00 | 26.32 0.99 0.00 | 26.27 0.96 0.00 | 29.78 1.17 0.00 | 31.40 1.29 0.00 | 30.74 1.30 0.00 | 31.58 1.39 0.00 | 32.53 1.40 0.00 | 33.01 1.45 0.00 | 34.49 1.45 0.00 | 42.04 1.85 0.00 | 50.03 2.11 0.00 | 40.45 1.74 0.00 | 34.15 1.31 0.00 | 31.31 1.20 0.00 | 28.63 1.13 0.00 | 26.13 0.74 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 25.37 0.57 0.00 | 23.05 0.50 0.00 | 21.00 0.51 0.00 | 20.76 0.55 0.00 | 20.09 0.47 0.00 | 21.61 0.55 0.00 | 22.58 0.74 0.00 | 24.40 0.91 0.00 | 26.20 0.86 0.00 | 26.12 0.81 0.00 | 29.47 0.86 0.00 | 31.04 0.93 0.00 | 30.32 0.88 0.00 | 31.03 0.84 0.00 | 32.07 0.93 0.00 | 32.50 0.95 0.00 | 34.23 1.19 0.00 | 41.72 1.53 0.00 | 49.69 1.77 0.00 | 39.87 1.16 0.00 | 33.89 1.05 0.00 | 31.06 0.96 0.00 | 28.36 0.85 0.00 | 26.15 0.76 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 25.99 1.19 0.00 | 23.68 1.13 0.00 | 21.51 1.02 0.00 | 21.20 0.99 0.00 | 20.58 0.96 0.00 | 21.99 0.93 0.00 | 22.88 1.05 0.00 | 24.80 1.32 0.00 | 26.88 1.55 0.00 | 26.78 1.47 0.00 | 30.30 1.69 0.00 | 31.85 1.75 0.00 | 31.18 1.74 0.00 | 32.03 1.84 0.00 | 33.09 1.96 0.00 | 33.57 2.02 0.00 | 35.02 1.98 0.00 | 42.64 2.45 0.00 | 50.75 2.83 0.00 | 41.03 2.32 0.00 | 34.71 1.87 0.00 | 31.91 1.81 0.00 | 29.18 1.68 0.00 | 26.66 1.27 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 26.32 1.51 0.00 | 23.91 1.35 0.00 | 21.72 1.23 0.00 | 21.43 1.21 0.00 | 20.78 1.16 0.00 | 22.18 1.12 0.00 | 23.06 1.22 0.00 | 25.10 1.62 0.00 | 27.26 1.93 0.00 | 27.13 1.82 0.00 | 30.73 2.12 0.00 | 32.33 2.23 0.00 | 31.65 2.21 0.00 | 32.48 2.29 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.32 2.28 0.00 | 43.09 2.89 0.00 | 51.37 3.45 0.00 | 41.49 2.79 0.00 | 35.07 2.23 0.00 | 32.33 2.23 0.00 | 29.60 2.09 0.00 | 26.99 1.60 0.00 |
| W50THST__13_KV_LOAD 356117 | 26.41 1.61 0.00 | 24.02 1.47 0.00 | 21.80 1.31 0.00 | 21.51 1.29 0.00 | 20.86 1.24 0.00 | 22.26 1.20 0.00 | 23.17 1.33 0.00 | 25.20 1.71 0.00 | 27.39 2.05 0.00 | 27.26 1.95 0.00 | 30.87 2.26 0.00 | 32.48 2.38 0.00 | 31.80 2.36 0.00 | 32.63 2.45 0.00 | 33.69 2.55 0.00 | 34.14 2.59 0.00 | 35.45 2.41 0.00 | 43.29 3.09 0.00 | 51.56 3.64 0.00 | 41.69 2.98 0.00 | 35.20 2.36 0.00 | 32.48 2.38 0.00 | 29.73 2.23 0.00 | 27.09 1.70 0.00 |
| WADING RIVER_IC_1 23522 | 29.13 2.68 -1.65 | 25.17 2.61 0.00 | 23.07 2.58 0.00 | 22.06 1.84 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.64 3.09 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.93 2.31 -0.23 |
| WADING RIVER_IC_2 23547 | 29.13 2.68 -1.65 | 25.17 2.61 0.00 | 23.07 2.58 0.00 | 22.06 1.84 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.64 3.09 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.93 2.31 -0.23 |
| WADING RIVER_IC_3 23601 | 29.13 2.68 -1.65 | 25.17 2.61 0.00 | 23.07 2.58 0.00 | 22.06 1.84 -0.01 | 21.76 2.14 0.00 | 22.05 0.99 0.00 | 22.82 0.98 0.00 | 25.10 1.62 0.00 | 27.61 2.28 0.00 | 27.44 2.13 0.00 | 31.39 2.77 0.00 | 34.53 3.07 -1.36 | 34.46 2.97 -2.04 | 36.07 3.02 -2.86 | 36.60 3.46 -2.01 | 37.41 3.47 -2.38 | 41.81 4.53 -4.25 | 54.44 4.74 -9.51 | 58.42 5.56 -4.94 | 45.09 4.84 -1.54 | 38.64 3.09 -2.72 | 37.29 3.04 -4.15 | 36.87 2.39 -6.97 | 27.93 2.31 -0.23 |
| WALDENNY_12_KV_BK2 80841 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.27 0.78 0.00 | 21.00 0.79 0.00 | 20.45 0.82 0.00 | 22.32 1.26 0.00 | 22.78 0.94 0.00 | 23.91 0.42 0.00 | 25.76 0.43 0.00 | 26.12 0.81 0.00 | 29.47 0.86 0.00 | 30.88 0.78 0.00 | 30.33 0.88 0.00 | 31.03 0.85 0.00 | 31.82 0.68 0.00 | 31.87 0.32 0.00 | 33.80 0.76 0.00 | 40.43 0.24 0.00 | 49.55 1.63 0.00 | 39.83 1.12 0.00 | 34.12 1.28 0.00 | 31.37 1.26 0.00 | 28.25 0.74 0.00 | 26.59 1.19 0.00 |
| WALDEN___HYDRO 24148 | 25.94 1.14 0.00 | 23.61 1.06 0.00 | 21.43 0.94 0.00 | 21.12 0.91 0.00 | 20.50 0.88 0.00 | 21.92 0.86 0.00 | 22.84 1.01 0.00 | 24.66 1.17 0.00 | 26.80 1.47 0.00 | 26.73 1.42 0.00 | 30.27 1.66 0.00 | 31.82 1.71 0.00 | 31.15 1.71 0.00 | 32.00 1.81 0.00 | 33.06 1.93 0.00 | 33.65 2.02 -0.07 | 35.06 2.02 0.00 | 42.40 2.21 0.00 | 50.74 2.83 0.00 | 41.03 2.32 0.00 | 34.67 1.84 0.00 | 31.85 1.75 0.00 | 29.10 1.59 0.00 | 26.64 1.24 0.00 |
| WARRENSBURG___ 23737 | 25.67 0.87 0.00 | 23.36 0.81 0.00 | 21.23 0.74 0.00 | 20.86 0.65 0.00 | 20.35 0.73 0.00 | 21.73 0.67 0.00 | 22.56 0.72 0.00 | 24.49 1.01 0.00 | 26.75 1.42 0.00 | 26.75 1.44 0.00 | 30.33 1.72 0.00 | 31.94 1.84 0.00 | 31.24 1.80 0.00 | 32.09 1.90 0.00 | 32.91 1.77 0.00 | 33.51 1.86 -0.10 | 34.99 1.95 0.00 | 42.68 2.49 0.00 | 51.13 3.21 0.00 | 41.15 2.44 0.00 | 34.77 1.94 0.00 | 31.94 1.84 0.00 | 29.07 1.57 0.00 | 26.48 1.09 0.00 |
| WATERSIDE___6 8 9 23538 | 26.29 1.49 0.00 | 23.86 1.31 0.00 | 21.68 1.19 0.00 | 21.36 1.15 0.00 | 20.70 1.08 0.00 | 22.03 0.97 0.00 | 22.93 1.09 0.00 | 24.94 1.46 0.00 | 27.08 1.75 0.00 | 26.98 1.67 0.00 | 30.56 1.95 0.00 | 32.15 2.05 0.00 | 31.44 2.00 0.00 | 32.27 2.08 0.00 | 33.34 2.21 0.00 | 33.79 2.24 0.00 | 35.12 2.08 0.00 | 42.84 2.65 0.00 | 51.03 3.11 0.00 | 41.26 2.55 0.00 | 34.84 2.00 0.00 | 32.15 2.05 0.00 | 29.40 1.90 0.00 | 26.89 1.50 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 25.32 0.52 0.00 | 23.03 0.47 0.00 | 20.92 0.43 0.00 | 20.64 0.42 0.00 | 20.05 0.43 0.00 | 21.54 0.48 0.00 | 22.32 0.48 0.00 | 24.02 0.54 0.00 | 25.92 0.58 0.00 | 25.89 0.58 0.00 | 29.27 0.66 0.00 | 30.76 0.66 0.00 | 30.09 0.65 0.00 | 30.85 0.66 0.00 | 31.82 0.68 0.00 | 32.28 0.73 0.00 | 33.77 0.73 0.00 | 41.08 0.88 0.00 | 48.92 1.01 0.00 | 39.48 0.77 0.00 | 33.49 0.66 0.00 | 30.70 0.60 0.00 | 28.00 0.50 0.00 | 25.85 0.46 0.00 |
| WATSON___69_KV_BK 1 55734 | 29.05 2.60 -1.64 | 24.60 2.05 0.00 | 22.41 1.93 0.00 | 22.46 2.24 0.00 | 21.68 2.06 0.00 | 22.47 1.41 0.00 | 23.28 1.44 0.00 | 25.76 2.28 0.00 | 27.97 2.63 0.00 | 27.81 2.51 0.00 | 31.70 3.09 0.00 | 34.82 3.37 -1.35 | 34.74 3.27 -2.03 | 36.48 3.44 -2.85 | 36.78 3.64 -2.00 | 37.55 3.69 -2.30 | 41.37 4.10 -4.24 | 54.43 4.74 -9.50 | 58.51 5.65 -4.94 | 44.93 4.68 -1.54 | 39.02 3.48 -2.71 | 37.61 3.37 -4.14 | 37.35 2.89 -6.96 | 28.12 2.51 -0.22 |

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|--|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 26.09 1.29 0.00 | 23.72 1.17 0.00 | 21.53 1.04 0.00 | 21.22 1.01 0.00 | 20.58 0.96 0.00 | 22.05 0.99 0.00 | 23.01 1.18 0.00 | 24.77 1.29 0.00 | 26.90 1.57 0.00 | 26.83 1.52 0.00 | 30.41 1.80 0.00 | 31.91 1.81 0.00 | 31.27 1.83 0.00 | 32.12 1.93 0.00 | 33.25 2.12 0.00 | 33.83 2.21 -0.07 | 35.35 2.31 0.00 | 42.56 2.37 0.00 | 50.94 3.02 0.00 | 41.22 2.51 0.00 | 34.87 2.04 0.00 | 32.00 1.90 0.00 | 29.27 1.76 0.00 | 26.81 1.42 0.00 |
| WEST BABYLON___IC 23714 | 28.75 2.31 -1.64 | 24.47 1.92 0.00 | 22.25 1.76 0.00 | 22.11 1.90 0.00 | 21.41 1.79 0.00 | 22.47 1.41 0.00 | 23.32 1.48 0.00 | 25.64 2.16 0.00 | 27.87 2.53 0.00 | 27.74 2.43 0.00 | 31.53 2.92 0.00 | 34.61 3.16 -1.35 | 34.57 3.09 -2.03 | 36.27 3.23 -2.85 | 36.56 3.42 -2.00 | 37.33 3.47 -2.30 | 40.85 3.57 -4.24 | 54.03 4.34 -9.50 | 58.03 5.18 -4.94 | 44.42 4.18 -1.54 | 38.83 3.28 -2.71 | 37.43 3.19 -4.14 | 37.30 2.83 -6.96 | 27.95 2.34 -0.22 |
| WEST CANADA___HYD 24049 | 24.90 0.10 0.00 | 22.64 0.09 0.00 | 20.57 0.08 0.00 | 20.29 0.08 0.00 | 19.70 0.08 0.00 | 21.17 0.11 0.00 | 21.92 0.09 0.00 | 23.60 0.12 0.00 | 25.46 0.13 0.00 | 25.44 0.13 0.00 | 28.75 0.14 0.00 | 30.25 0.15 0.00 | 29.59 0.15 0.00 | 30.37 0.18 0.00 | 31.32 0.19 0.00 | 31.75 0.19 0.00 | 33.24 0.20 0.00 | 40.39 0.20 0.00 | 48.21 0.29 0.00 | 38.90 0.19 0.00 | 33.00 0.17 0.00 | 30.25 0.15 0.00 | 27.65 0.14 0.00 | 25.49 0.10 0.00 |
| WESTERN_NY_WIND 24143 | 25.50 0.69 0.00 | 23.23 0.68 0.00 | 21.08 0.59 0.00 | 20.86 0.65 0.00 | 20.31 0.69 0.00 | 22.18 1.12 0.00 | 22.58 0.74 0.00 | 23.65 0.16 0.00 | 25.54 0.20 0.00 | 25.87 0.56 0.00 | 29.18 0.57 0.00 | 30.58 0.48 0.00 | 30.03 0.59 0.00 | 30.70 0.51 0.00 | 31.44 0.31 0.00 | 31.52 -0.03 0.00 | 33.47 0.43 0.00 | 40.07 -0.12 0.00 | 49.21 1.29 0.00 | 39.52 0.81 0.00 | 34.02 1.18 0.00 | 31.19 1.08 0.00 | 28.08 0.58 0.00 | 26.46 1.07 0.00 |
| WESTOVER___LESR 323668 | 25.62 0.82 0.00 | 23.30 0.74 0.00 | 21.16 0.68 0.00 | 20.88 0.67 0.00 | 20.29 0.67 0.00 | 21.90 0.84 0.00 | 22.62 0.79 0.00 | 24.21 0.73 0.00 | 26.12 0.79 0.00 | 26.17 0.86 0.00 | 29.61 1.00 0.00 | 31.16 1.05 0.00 | 30.47 1.03 0.00 | 31.22 1.03 0.00 | 32.16 1.03 0.00 | 32.50 0.95 0.00 | 34.16 1.12 0.00 | 41.44 1.25 0.00 | 49.79 1.87 0.00 | 40.14 1.43 0.00 | 34.15 1.31 0.00 | 31.28 1.17 0.00 | 28.44 0.94 0.00 | 26.33 0.94 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.67 0.87 0.00 | 23.32 0.77 0.00 | 21.25 0.76 0.00 | 21.04 0.83 0.00 | 20.41 0.79 0.00 | 22.22 1.16 0.00 | 22.73 0.90 0.00 | 24.02 0.54 0.00 | 25.81 0.48 0.00 | 26.09 0.79 0.00 | 29.44 0.83 0.00 | 30.88 0.78 0.00 | 30.30 0.85 0.00 | 30.97 0.78 0.00 | 31.79 0.65 0.00 | 31.92 0.35 -0.02 | 33.80 0.76 0.00 | 41.72 1.53 0.00 | 49.55 1.63 0.00 | 39.87 1.16 0.00 | 34.11 1.28 0.00 | 31.34 1.23 0.00 | 28.53 1.02 0.00 | 26.59 1.19 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 25.89 1.09 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.18 1.57 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.82 1.78 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.76 1.66 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 25.89 1.09 0.00 | 23.61 1.06 0.00 | 21.45 0.96 0.00 | 21.16 0.95 0.00 | 20.52 0.90 0.00 | 21.92 0.86 0.00 | 22.82 0.98 0.00 | 24.73 1.24 0.00 | 26.80 1.47 0.00 | 26.70 1.39 0.00 | 30.18 1.57 0.00 | 31.76 1.66 0.00 | 31.09 1.65 0.00 | 31.91 1.72 0.00 | 32.97 1.84 0.00 | 33.45 1.89 0.00 | 34.82 1.78 0.00 | 42.44 2.25 0.00 | 50.55 2.64 0.00 | 40.87 2.17 0.00 | 34.54 1.71 0.00 | 31.76 1.66 0.00 | 29.07 1.57 0.00 | 26.56 1.17 0.00 |
| WHITEHAL_115KV_TB1 80871 | 25.99 1.19 0.00 | 23.63 1.08 0.00 | 21.47 0.98 0.00 | 21.10 0.89 0.00 | 20.58 0.96 0.00 | 21.97 0.91 0.00 | 22.84 1.00 0.00 | 24.87 1.39 0.00 | 27.18 1.85 0.00 | 27.21 1.90 0.00 | 30.84 2.23 0.00 | 32.45 2.35 0.00 | 31.74 2.30 0.00 | 32.57 2.38 0.00 | 33.37 2.24 0.00 | 33.92 2.37 0.00 | 35.58 2.54 0.00 | 43.57 3.38 0.00 | 52.18 4.26 0.00 | 41.92 3.21 0.00 | 35.40 2.56 0.00 | 32.45 2.35 0.00 | 29.51 2.01 0.00 | 26.84 1.45 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 26.29 1.49 0.00 | 23.91 1.35 0.00 | 21.70 1.21 0.00 | 21.38 1.17 0.00 | 20.76 1.14 0.00 | 22.15 1.10 0.00 | 23.02 1.18 0.00 | 25.08 1.60 0.00 | 27.26 1.93 0.00 | 27.16 1.85 0.00 | 30.79 2.17 0.00 | 32.42 2.32 0.00 | 31.68 2.24 0.00 | 32.54 2.35 0.00 | 33.59 2.46 0.00 | 34.08 2.52 0.00 | 35.42 2.38 0.00 | 43.25 3.05 0.00 | 51.51 3.59 0.00 | 41.65 2.94 0.00 | 35.13 2.30 0.00 | 32.36 2.26 0.00 | 29.57 2.06 0.00 | 26.94 1.55 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 29.20 2.75 -1.64 | 24.51 1.96 0.00 | 22.43 1.95 0.00 | 22.74 2.53 0.00 | 21.88 2.26 0.00 | 22.15 1.10 0.00 | 22.93 1.09 0.00 | 25.64 2.16 0.00 | 27.77 2.43 0.00 | 27.54 2.23 0.00 | 31.50 2.89 0.00 | 34.64 3.19 -1.35 | 34.57 3.09 -2.03 | 36.27 3.23 -2.85 | 36.69 3.55 -2.00 | 37.42 3.57 -2.30 | 41.74 4.46 -4.24 | 54.60 4.90 -9.50 | 58.51 5.65 -4.94 | 45.12 4.88 -1.54 | 38.79 3.25 -2.71 | 37.43 3.19 -4.14 | 37.05 2.59 -6.96 | 28.05 2.44 -0.22 |
| WOODARD___115KV_TB2 355635 | 24.90 0.10 0.00 | 22.62 0.07 0.00 | 20.55 0.06 0.00 | 20.27 0.06 0.00 | 19.70 0.08 0.00 | 21.21 0.15 0.00 | 21.95 0.11 0.00 | 23.41 -0.07 0.00 | 25.21 -0.13 0.00 | 25.21 -0.10 0.00 | 28.50 -0.11 0.00 | 29.98 -0.12 0.00 | 29.29 -0.15 0.00 | 30.04 -0.15 0.00 | 30.95 -0.19 0.00 | 31.33 -0.22 0.00 | 32.91 -0.13 0.00 | 39.95 -0.24 0.00 | 47.82 -0.10 0.00 | 38.59 -0.12 0.00 | 32.80 -0.03 0.00 | 30.01 -0.09 0.00 | 27.37 -0.14 0.00 | 25.44 0.05 0.00 |
| YORK___WARBASSE 23770 | 26.41 1.61 0.00 | 23.97 1.42 0.00 | 21.78 1.29 0.00 | 21.45 1.23 0.00 | 20.78 1.16 0.00 | 22.09 1.03 0.00 | 22.99 1.16 0.00 | 25.03 1.55 0.00 | 27.21 1.87 0.00 | 27.11 1.80 0.00 | 30.70 2.09 0.00 | 32.30 2.20 0.00 | 31.59 2.15 0.00 | 32.45 2.26 0.00 | 33.53 2.40 0.00 | 34.02 2.46 0.00 | 35.25 2.21 0.00 | 43.04 2.85 0.00 | 51.32 3.40 0.00 | 41.46 2.75 0.00 | 35.07 2.23 0.00 | 32.27 2.17 0.00 | 29.51 2.01 0.00 | 27.02 1.63 0.00 |