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|-------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ALBANY___2 23572 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.51 0.00 | 19.88 0.52 0.00 | 20.49 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.94 1.12 0.00 | 25.68 0.71 0.00 | 22.87 0.66 0.00 | 24.41 0.79 0.00 | 24.31 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.27 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.37 0.00 |
| ALBANY___3 23573 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.51 0.00 | 19.88 0.52 0.00 | 20.49 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.94 1.12 0.00 | 25.68 0.71 0.00 | 22.87 0.66 0.00 | 24.41 0.79 0.00 | 24.31 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.27 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.37 0.00 |
| ALBANY___4 23574 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.51 0.00 | 19.88 0.52 0.00 | 20.49 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.94 1.12 0.00 | 25.68 0.71 0.00 | 22.87 0.66 0.00 | 24.41 0.79 0.00 | 24.31 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.27 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.37 0.00 |
| ALBANY___LFGE 323615 | 23.86 0.78 0.00 | 20.02 0.64 0.00 | 21.12 0.69 0.00 | 20.03 0.67 0.00 | 20.66 0.70 0.00 | 21.52 0.73 0.00 | 26.18 0.94 0.00 | 43.35 1.54 0.00 | 25.93 0.96 0.00 | 23.09 0.87 0.00 | 24.62 1.00 0.00 | 24.53 0.98 0.00 | 23.06 0.91 0.00 | 23.45 0.92 0.00 | 23.07 0.80 0.00 | 25.78 0.91 0.00 | 27.51 0.87 0.00 | 35.69 1.16 0.00 | 60.18 2.18 0.00 | 36.79 1.45 0.00 | 26.43 0.97 0.00 | 24.16 0.74 0.00 | 21.60 0.62 0.00 | 18.27 0.55 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 23.18 0.11 0.00 | 19.46 0.08 0.00 | 20.50 0.06 0.00 | 19.41 0.05 0.00 | 20.00 0.04 0.00 | 20.86 0.06 0.00 | 23.89 0.06 1.42 | 42.00 0.19 0.00 | 25.00 0.03 0.00 | 22.24 0.03 0.00 | 23.65 0.03 0.00 | 23.57 0.02 0.00 | 22.10 -0.05 0.00 | 22.50 -0.03 0.00 | 22.23 -0.04 0.00 | 24.88 0.01 0.00 | 26.73 0.08 0.00 | 34.62 0.09 0.00 | 57.99 -0.01 0.00 | 32.38 -0.07 2.89 | 22.82 0.02 2.65 | 20.57 -0.04 2.80 | 18.29 -0.04 2.65 | -15.49 -0.08 33.14 |
| ALCOA_RYNLDS___DRP 24188 | 23.18 0.11 0.00 | 19.46 0.08 0.00 | 20.50 0.06 0.00 | 19.41 0.05 0.00 | 20.00 0.04 0.00 | 20.86 0.06 0.00 | 23.89 0.06 1.42 | 42.00 0.19 0.00 | 25.00 0.03 0.00 | 22.24 0.03 0.00 | 23.65 0.03 0.00 | 23.57 0.02 0.00 | 22.10 -0.05 0.00 | 22.50 -0.03 0.00 | 22.23 -0.04 0.00 | 24.88 0.01 0.00 | 26.73 0.08 0.00 | 34.62 0.09 0.00 | 57.99 -0.01 0.00 | 32.38 -0.07 2.89 | 22.82 0.02 2.65 | 20.57 -0.04 2.80 | 18.29 -0.04 2.65 | -15.49 -0.08 33.14 |
| ALCOA___DSASP 323711 | 23.18 0.10 0.00 | 19.46 0.08 0.00 | 20.50 0.06 0.00 | 19.41 0.05 0.00 | 20.00 0.04 0.00 | 20.86 0.07 0.00 | 23.89 0.06 1.42 | 42.00 0.19 0.00 | 25.00 0.03 0.00 | 22.24 0.03 0.00 | 23.65 0.03 0.00 | 23.57 0.03 0.00 | 22.10 -0.05 0.00 | 22.50 -0.03 0.00 | 22.23 -0.04 0.00 | 24.88 0.01 0.00 | 26.73 0.08 0.00 | 34.62 0.09 0.00 | 58.00 -0.01 0.00 | 32.38 -0.06 2.89 | 22.82 0.02 2.65 | 20.57 -0.04 2.80 | 18.29 -0.04 2.65 | -15.49 -0.08 33.14 |
| ALLEGHENY___COGEN 23514 | -4.31 -0.44 26.94 | -4.70 -0.39 23.70 | -3.93 -0.47 23.89 | 6.54 -0.47 12.34 | -1.81 -0.39 21.38 | 8.07 -0.28 12.45 | 7.24 -0.04 17.96 | 24.42 0.16 17.55 | 16.45 0.11 8.62 | 25.73 -0.46 -3.97 | 31.04 -0.88 -8.29 | 22.69 -0.86 -0.01 | 42.17 -0.67 -20.69 | 21.85 -0.67 0.00 | 21.71 -0.65 -0.08 | 25.39 -0.66 -1.18 | 26.30 -0.34 0.00 | 27.39 -0.09 7.04 | 53.64 0.17 4.54 | 46.57 0.13 -11.10 | 25.28 -0.25 -0.06 | 23.49 0.08 0.00 | 21.02 0.05 0.00 | 17.53 -0.19 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 23.73 0.65 0.00 | 19.92 0.53 0.00 | 21.01 0.57 0.00 | 19.91 0.55 0.00 | 20.53 0.57 0.00 | 21.38 0.59 0.00 | 25.99 0.75 0.00 | 43.05 1.24 0.00 | 25.75 0.78 0.00 | 22.92 0.70 0.00 | 24.40 0.78 0.00 | 24.30 0.75 0.00 | 22.84 0.70 0.00 | 23.23 0.70 0.00 | 22.93 0.67 0.00 | 25.65 0.77 0.00 | 27.41 0.76 0.00 | 35.57 1.04 0.00 | 59.89 1.89 0.00 | 36.53 1.20 0.00 | 26.27 0.81 0.00 | 24.09 0.67 0.00 | 21.55 0.57 0.00 | 18.24 0.51 0.00 |
| ALTONA_WT_PWR 323606 | 22.79 -0.28 0.00 | 19.11 -0.28 0.00 | 20.12 -0.31 0.00 | 19.09 -0.26 0.00 | 19.64 -0.32 0.00 | 20.51 -0.29 0.00 | 23.49 -0.44 1.31 | 41.20 -0.61 0.00 | 24.53 -0.43 0.00 | 21.89 -0.33 0.00 | 23.34 -0.29 0.00 | 23.28 -0.27 0.00 | 21.76 -0.38 0.00 | 22.10 -0.42 0.00 | 21.92 -0.34 0.00 | 24.63 -0.25 0.00 | 26.68 0.04 0.00 | 34.48 -0.05 0.00 | 57.60 -0.40 0.00 | -10.80 -0.89 45.24 | -16.72 -0.61 41.57 | -21.05 -0.62 43.85 | -21.05 -0.60 41.43 | -20.95 -0.61 38.07 |
| AMERICAN_REF_FUEL 24010 | 4.04 -1.57 17.47 | 2.73 -1.29 15.37 | 3.52 -1.42 15.49 | 9.93 -1.42 8.00 | 4.71 -1.39 13.86 | 11.22 -1.50 8.07 | 11.98 -1.62 11.64 | 27.60 -2.83 11.38 | 17.49 -1.51 5.96 | 19.13 -1.46 1.63 | 17.92 -1.45 4.25 | 21.91 -1.63 0.00 | 15.71 -1.23 5.21 | 20.95 -1.58 0.00 | 20.63 -1.62 0.02 | 22.76 -1.82 0.29 | 24.51 -2.13 0.00 | 25.41 -2.88 6.23 | 29.48 -4.66 23.86 | 19.90 -2.47 12.96 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.90 -1.07 0.00 | 16.54 -1.18 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 0.24 -1.63 21.20 | -0.61 -1.35 18.65 | 0.17 -1.46 18.80 | 8.27 -1.37 9.71 | 1.86 -1.27 16.83 | 9.77 -1.23 9.79 | 9.68 -1.43 14.14 | 25.75 -2.25 13.82 | 16.58 -1.20 7.19 | 19.51 -1.07 1.64 | 18.21 -1.03 4.38 | 22.56 -0.98 0.00 | 16.55 -0.76 4.83 | 21.68 -0.84 0.00 | 21.39 -0.86 0.02 | 23.62 -0.98 0.27 | 25.33 -1.31 0.00 | 25.35 -1.72 7.45 | 27.41 -2.96 27.64 | 19.23 -1.73 14.37 | 23.68 -1.77 0.01 | 22.38 -1.04 0.00 | 20.10 -0.88 0.00 | 16.71 -1.02 0.00 |
| ARTHUR KILL_GT_1 23520 | 24.34 1.27 0.00 | 20.44 1.06 0.00 | 21.56 1.13 0.00 | 20.41 1.05 0.00 | 21.07 1.11 0.00 | 21.97 1.18 0.00 | 26.74 1.49 0.00 | 44.36 2.55 0.00 | 26.74 1.77 0.00 | 23.80 1.58 0.00 | 25.43 1.81 0.00 | 25.39 1.85 0.00 | 23.94 1.79 0.00 | 24.32 1.79 0.00 | 24.06 1.79 0.00 | 26.84 1.96 0.00 | 28.66 2.02 0.00 | 37.09 2.56 0.00 | 61.97 3.97 0.00 | 37.92 2.59 0.00 | 27.33 1.86 0.00 | 25.05 1.64 0.00 | 22.39 1.42 0.00 | 18.97 1.24 0.00 |
| ARTHUR_KILL_2 23512 | 24.27 1.20 0.00 | 20.39 1.01 0.00 | 21.51 1.08 0.00 | 20.36 1.00 0.00 | 21.02 1.06 0.00 | 21.91 1.12 0.00 | 26.67 1.43 0.00 | 44.24 2.43 0.00 | 26.67 1.70 0.00 | 23.73 1.52 0.00 | 25.37 1.75 0.00 | 25.34 1.80 0.00 | 23.89 1.74 0.00 | 24.27 1.74 0.00 | 24.01 1.74 0.00 | 26.76 1.89 0.00 | 28.58 1.94 0.00 | 36.98 2.46 0.00 | 61.79 3.78 0.00 | 37.80 2.47 0.00 | 27.24 1.78 0.00 | 24.98 1.57 0.00 | 22.33 1.36 0.00 | 18.92 1.20 0.00 |
| ARTHUR_KILL_3 23513 | 24.18 1.10 0.00 | 20.33 0.94 0.00 | 21.42 0.99 0.00 | 20.30 0.94 0.00 | 20.95 0.99 0.00 | 21.83 1.04 0.00 | 26.57 1.32 0.00 | 44.12 2.31 0.00 | 26.52 1.55 0.00 | 23.67 1.45 0.00 | 25.29 1.67 0.00 | 25.29 1.75 0.00 | 23.85 1.71 0.00 | 24.25 1.73 0.00 | 24.03 1.76 0.00 | 26.75 1.88 0.00 | 28.54 1.90 0.00 | 36.88 2.35 0.00 | 61.86 3.85 0.00 | 37.64 2.30 0.00 | 27.10 1.64 0.00 | 24.89 1.47 0.00 | 22.25 1.28 0.00 | 18.87 1.14 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 24.34 1.27 0.00 | 20.44 1.06 0.00 | 21.56 1.13 0.00 | 20.41 1.05 0.00 | 21.07 1.11 0.00 | 21.97 1.18 0.00 | 26.74 1.49 0.00 | 44.36 2.55 0.00 | 26.74 1.77 0.00 | 23.80 1.58 0.00 | 25.43 1.81 0.00 | 25.39 1.85 0.00 | 23.94 1.79 0.00 | 24.32 1.79 0.00 | 24.06 1.79 0.00 | 26.84 1.96 0.00 | 28.66 2.02 0.00 | 37.09 2.56 0.00 | 61.97 3.97 0.00 | 37.92 2.59 0.00 | 27.33 1.86 0.00 | 25.05 1.64 0.00 | 22.39 1.42 0.00 | 18.97 1.24 0.00 |
| ASHOKAN____ 23654 | 24.23 1.16 0.00 | 20.32 0.93 0.00 | 21.42 0.99 0.00 | 20.30 0.95 0.00 | 20.95 0.99 0.00 | 21.86 1.06 0.00 | 26.66 1.42 0.00 | 44.28 2.47 0.00 | 26.46 1.49 0.00 | 23.41 1.19 0.00 | 24.76 1.14 0.00 | 24.51 0.97 0.00 | 23.02 0.87 0.00 | 23.41 0.88 0.00 | 23.12 0.86 0.00 | 25.99 1.12 0.00 | 27.84 1.19 0.00 | 36.38 1.86 0.00 | 61.66 3.66 0.00 | 37.66 2.33 0.00 | 27.03 1.56 0.00 | 24.70 1.29 0.00 | 22.03 1.06 0.00 | 18.59 0.87 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.89 0.00 | 20.89 0.93 0.00 | 21.76 0.96 0.00 | 26.49 1.25 0.00 | 44.03 2.22 0.00 | 26.53 1.56 0.00 | 23.63 1.41 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.71 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.72 1.85 0.00 | 28.52 1.87 0.00 | 36.83 2.30 0.00 | 61.79 3.79 0.00 | 37.68 2.35 0.00 | 27.10 1.64 0.00 | 24.86 1.44 0.00 | 22.22 1.25 0.00 | 18.84 1.11 0.00 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.89 0.00 | 20.89 0.93 0.00 | 21.76 0.96 0.00 | 26.49 1.25 0.00 | 44.03 2.22 0.00 | 26.53 1.56 0.00 | 23.63 1.41 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.71 0.01 | 24.24 1.73 0.01 | 24.00 1.74 0.01 | 26.72 1.85 0.00 | 28.52 1.87 0.00 | 36.83 2.30 0.00 | 61.79 3.79 0.00 | 37.68 2.35 0.00 | 27.10 1.64 0.00 | 24.86 1.44 0.00 | 22.22 1.25 0.00 | 18.84 1.11 0.00 |
| ASTORIA_GT2_1 24094 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT2_2 24095 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT2_3 24096 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT2_4 24097 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT3_1 24098 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT3_2 24099 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT3_3 24100 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT3_4 24101 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT4_1 24102 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT4_2 24103 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT4_3 24104 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |

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| ASTORIA_GT4_4 24105 | 24.14 1.06 0.00 | 20.26 0.88 0.00 | 21.38 0.95 0.00 | 20.25 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.96 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.53 1.56 0.00 | 23.64 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.87 1.72 0.00 | 24.25 1.73 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.89 0.00 | 36.84 2.31 0.00 | 61.81 3.81 0.00 | 37.69 2.36 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.22 1.25 0.00 | 18.85 1.12 0.00 |
| ASTORIA_GT_1 23523 | 24.18 1.11 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.28 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.13 2.32 0.00 | 26.59 1.62 0.00 | 23.68 1.46 0.00 | 25.39 1.76 0.00 | 25.34 1.79 0.00 | 23.91 1.76 0.01 | 24.29 1.77 0.01 | 24.05 1.79 0.01 | 26.78 1.91 0.00 | 28.58 1.94 0.00 | 36.92 2.40 0.00 | 61.95 3.94 0.00 | 37.77 2.44 0.00 | 27.16 1.70 0.00 | 24.91 1.50 0.00 | 22.27 1.30 0.00 | 18.87 1.14 0.00 |
| ASTORIA_GT_10 24110 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.41 1.79 0.00 | 25.39 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.13 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.45 0.00 | 61.99 3.99 0.00 | 37.79 2.46 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.37 0.00 | 18.94 1.21 0.00 |
| ASTORIA_GT_11 24225 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.41 1.79 0.00 | 25.39 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.13 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.45 0.00 | 61.99 3.99 0.00 | 37.79 2.46 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.37 0.00 | 18.94 1.21 0.00 |
| ASTORIA_GT_12 24226 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.41 1.79 0.00 | 25.39 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.13 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.45 0.00 | 61.99 3.99 0.00 | 37.79 2.46 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.37 0.00 | 18.94 1.21 0.00 |
| ASTORIA_GT_13 24227 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.41 1.79 0.00 | 25.39 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.13 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.45 0.00 | 61.99 3.99 0.00 | 37.79 2.46 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.37 0.00 | 18.94 1.21 0.00 |
| ASTORIA_GT_5 24106 | 24.17 1.10 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.28 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.13 2.32 0.00 | 26.58 1.61 0.00 | 23.68 1.46 0.00 | 25.38 1.76 0.00 | 25.34 1.79 0.00 | 23.91 1.76 0.00 | 24.30 1.77 0.00 | 24.06 1.79 0.00 | 26.78 1.91 0.00 | 28.58 1.94 0.00 | 36.91 2.38 0.00 | 61.93 3.93 0.00 | 37.76 2.43 0.00 | 27.16 1.70 0.00 | 24.91 1.50 0.00 | 22.26 1.29 0.00 | 18.87 1.14 0.00 |
| ASTORIA_GT_7 24107 | 24.17 1.10 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.28 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.13 2.32 0.00 | 26.58 1.61 0.00 | 23.68 1.46 0.00 | 25.38 1.76 0.00 | 25.34 1.79 0.00 | 23.91 1.76 0.00 | 24.30 1.77 0.00 | 24.06 1.79 0.00 | 26.78 1.91 0.00 | 28.58 1.94 0.00 | 36.91 2.38 0.00 | 61.93 3.93 0.00 | 37.76 2.43 0.00 | 27.16 1.70 0.00 | 24.91 1.50 0.00 | 22.26 1.29 0.00 | 18.87 1.14 0.00 |
| ASTORIA_GT_8 24108 | 24.17 1.10 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.28 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.13 2.32 0.00 | 26.58 1.61 0.00 | 23.68 1.46 0.00 | 25.38 1.76 0.00 | 25.34 1.79 0.00 | 23.91 1.76 0.00 | 24.30 1.77 0.00 | 24.06 1.79 0.00 | 26.78 1.91 0.00 | 28.58 1.94 0.00 | 36.91 2.38 0.00 | 61.93 3.93 0.00 | 37.76 2.43 0.00 | 27.16 1.70 0.00 | 24.91 1.50 0.00 | 22.26 1.29 0.00 | 18.87 1.14 0.00 |
| ASTORIA___2 24149 | 24.14 1.07 0.00 | 20.27 0.89 0.00 | 21.39 0.96 0.00 | 20.26 0.90 0.00 | 20.90 0.94 0.00 | 21.76 0.97 0.00 | 26.50 1.26 0.00 | 44.05 2.24 0.00 | 26.54 1.57 0.00 | 23.63 1.42 0.00 | 25.34 1.72 0.00 | 25.29 1.75 0.00 | 23.86 1.72 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.73 1.86 0.00 | 28.53 1.88 0.00 | 36.85 2.33 0.00 | 61.83 3.82 0.00 | 37.70 2.37 0.00 | 27.11 1.65 0.00 | 24.87 1.45 0.00 | 22.23 1.26 0.00 | 18.85 1.12 0.00 |
| ASTORIA___3 23516 | 24.25 1.18 0.00 | 20.36 0.98 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.18 2.37 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.40 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.14 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.46 0.00 | 61.99 3.99 0.00 | 37.80 2.47 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| ASTORIA___4 23517 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.41 1.79 0.00 | 25.39 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.13 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.45 0.00 | 61.99 3.99 0.00 | 37.79 2.46 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.37 0.00 | 18.94 1.21 0.00 |
| ASTORIA___5 23518 | 24.25 1.18 0.00 | 20.36 0.98 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.18 2.37 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.40 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.14 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.46 0.00 | 61.99 3.99 0.00 | 37.80 2.47 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| AST_ENERGY_2_CC3 323677 | 24.22 1.14 0.00 | 20.35 0.96 0.00 | 21.45 1.02 0.00 | 20.33 0.98 0.00 | 20.98 1.02 0.00 | 21.85 1.05 0.00 | 26.59 1.35 0.00 | 44.14 2.33 0.00 | 26.55 1.58 0.00 | 23.71 1.49 0.00 | 25.36 1.74 0.00 | 25.37 1.82 0.00 | 23.94 1.79 0.00 | 24.34 1.81 0.00 | 24.11 1.84 0.00 | 26.83 1.96 0.00 | 28.62 1.98 0.00 | 36.97 2.45 0.00 | 62.00 4.00 0.00 | 37.72 2.39 0.00 | 27.16 1.69 0.00 | 24.94 1.53 0.00 | 22.30 1.33 0.00 | 18.90 1.18 0.00 |
| AST_ENERGY_2_CC4 323678 | 24.22 1.14 0.00 | 20.35 0.96 0.00 | 21.45 1.02 0.00 | 20.33 0.98 0.00 | 20.98 1.02 0.00 | 21.85 1.05 0.00 | 26.59 1.35 0.00 | 44.14 2.33 0.00 | 26.55 1.58 0.00 | 23.71 1.49 0.00 | 25.36 1.74 0.00 | 25.37 1.82 0.00 | 23.94 1.79 0.00 | 24.34 1.81 0.00 | 24.11 1.84 0.00 | 26.83 1.96 0.00 | 28.62 1.98 0.00 | 36.97 2.45 0.00 | 62.00 4.00 0.00 | 37.72 2.39 0.00 | 27.16 1.69 0.00 | 24.94 1.53 0.00 | 22.30 1.33 0.00 | 18.90 1.18 0.00 |

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|--------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|
| ATHENS_STG_1 23668 | 23.74 0.67 0.00 | 19.94 0.56 0.00 | 21.03 0.60 0.00 | 19.93 0.57 0.00 | 20.55 0.59 0.00 | 21.37 0.57 0.00 | 25.94 0.70 0.00 | 43.01 1.20 0.00 | 25.77 0.80 0.00 | 22.98 0.76 0.00 | 24.48 0.86 0.00 | 24.43 0.89 0.00 | 22.99 0.84 0.00 | 23.37 0.85 0.00 | 23.14 0.88 0.00 | 25.87 0.99 0.00 | 27.63 0.98 0.00 | 35.79 1.26 0.00 | 60.18 2.17 0.00 | 36.65 1.32 0.00 | 26.31 0.85 0.00 | 24.15 0.73 0.00 | 21.60 0.63 0.00 | 18.31 0.59 0.00 |
| ATHENS_STG_2 23670 | 23.74 0.67 0.00 | 19.94 0.56 0.00 | 21.03 0.60 0.00 | 19.93 0.57 0.00 | 20.55 0.59 0.00 | 21.37 0.57 0.00 | 25.94 0.70 0.00 | 43.01 1.20 0.00 | 25.77 0.80 0.00 | 22.98 0.76 0.00 | 24.48 0.86 0.00 | 24.43 0.89 0.00 | 22.99 0.84 0.00 | 23.37 0.85 0.00 | 23.14 0.88 0.00 | 25.87 0.99 0.00 | 27.63 0.98 0.00 | 35.79 1.26 0.00 | 60.18 2.17 0.00 | 36.65 1.32 0.00 | 26.31 0.85 0.00 | 24.15 0.73 0.00 | 21.60 0.63 0.00 | 18.31 0.59 0.00 |
| ATHENS_STG_3 23677 | 23.74 0.67 0.00 | 19.94 0.56 0.00 | 21.03 0.60 0.00 | 19.93 0.57 0.00 | 20.55 0.59 0.00 | 21.37 0.57 0.00 | 25.94 0.70 0.00 | 43.01 1.20 0.00 | 25.77 0.80 0.00 | 22.98 0.76 0.00 | 24.48 0.86 0.00 | 24.43 0.89 0.00 | 22.99 0.84 0.00 | 23.37 0.85 0.00 | 23.14 0.88 0.00 | 25.87 0.99 0.00 | 27.63 0.98 0.00 | 35.79 1.26 0.00 | 60.18 2.17 0.00 | 36.65 1.32 0.00 | 26.31 0.85 0.00 | 24.15 0.73 0.00 | 21.60 0.63 0.00 | 18.31 0.59 0.00 |
| AUBURN___LFGE 323710 | 14.89 -0.35 7.83 | 12.21 -0.29 6.89 | 13.16 -0.32 6.94 | 15.47 -0.29 3.59 | 13.45 -0.29 6.22 | 16.90 -0.28 3.62 | 19.72 -0.30 5.22 | 35.97 -0.74 5.10 | 21.95 -0.41 2.61 | 21.57 -0.45 0.20 | 22.37 -0.56 0.69 | 22.97 -0.58 0.00 | 21.65 -0.50 0.00 | 22.02 -0.51 0.00 | 21.77 -0.49 0.00 | 24.32 -0.55 0.00 | 26.14 -0.50 0.00 | 31.31 -0.62 2.60 | 48.64 -0.99 8.38 | 31.31 -0.57 3.46 | 25.14 -0.32 0.00 | 23.22 -0.20 0.00 | 20.81 -0.16 0.00 | 17.53 -0.19 0.00 |
| BABYLON_RES_REC 323704 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.41 0.97 0.00 | 20.30 0.94 0.00 | 20.96 1.00 0.00 | 22.00 1.20 0.00 | 26.76 1.52 0.00 | 44.12 2.31 0.00 | 26.55 1.59 0.00 | 23.80 1.59 0.00 | 25.58 1.96 0.00 | 25.46 1.91 0.00 | 23.92 1.77 0.00 | 24.17 1.64 0.00 | 23.58 1.31 0.00 | 14.39 1.21 11.70 | 25.69 1.28 2.23 | 36.22 1.70 0.00 | 59.65 2.70 1.06 | 36.95 1.62 0.00 | 26.83 1.37 0.00 | 24.89 1.47 0.00 | 22.40 1.43 0.00 | 18.94 1.21 0.00 |
| BABYLON__69_KV_BK2 356345 | 24.48 1.41 0.00 | 20.56 1.18 0.00 | 21.57 1.14 0.00 | 20.46 1.10 0.00 | 21.13 1.17 0.00 | 22.19 1.39 0.00 | 27.02 1.78 0.00 | 44.53 2.72 0.00 | 26.79 1.82 0.00 | 24.03 1.82 0.00 | 25.81 2.19 0.00 | 25.69 2.14 0.00 | 24.14 1.99 0.00 | 24.37 1.84 0.00 | 23.87 1.60 11.98 | 14.53 1.63 2.28 | 26.15 1.79 0.00 | 37.01 2.49 0.00 | 60.95 4.03 1.08 | 37.76 2.43 0.00 | 27.30 1.84 0.00 | 25.14 1.72 0.00 | 22.62 1.64 0.00 | 19.11 1.38 0.00 |
| BALL_HILL_WT_PWR 323825 | 1.90 -1.22 19.96 | 0.81 -1.02 17.56 | 1.63 -1.10 17.70 | 9.15 -1.06 9.14 | 3.10 -1.02 15.85 | 10.55 -1.03 9.22 | 10.79 -1.15 13.31 | 27.01 -1.79 13.01 | 17.23 -0.94 6.80 | 19.35 -0.89 1.98 | 17.61 -0.89 5.12 | 22.66 -0.88 0.00 | 14.99 -0.69 6.47 | 21.74 -0.79 0.00 | 21.43 -0.81 0.03 | 23.57 -0.94 0.37 | 25.47 -1.17 0.00 | 25.72 -1.62 7.19 | 27.29 -2.56 28.15 | 18.35 -1.36 15.62 | 23.98 -1.46 0.02 | 22.65 -0.76 0.00 | 20.37 -0.60 0.00 | 16.93 -0.80 0.00 |
| BARON_WINDS___WT_PWR 323822 | -10.15 -1.34 31.88 | -9.79 -1.13 28.05 | -9.05 -1.21 28.27 | 3.63 -1.12 14.61 | -6.41 -1.06 25.31 | 5.06 -1.00 14.73 | 2.88 -1.11 21.26 | 19.32 -1.72 20.77 | 12.68 -1.04 11.25 | 12.53 -1.06 8.63 | 1.70 -1.23 20.70 | 22.35 -1.18 0.01 | -13.43 -0.94 34.64 | 21.68 -0.85 0.00 | 21.31 -0.81 0.15 | 21.95 -0.95 1.97 | 25.75 -0.88 0.01 | 19.73 -1.07 13.72 | -18.10 -1.97 74.13 | -18.27 -1.37 52.23 | 23.78 -1.57 0.10 | 22.33 -1.08 0.00 | 19.99 -0.99 0.00 | 16.74 -0.99 0.00 |
| BARRETT_IC_1 23704 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_10 23701 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_11 23702 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_12 23703 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_2 23705 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_3 23706 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_4 23707 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| BARRETT_IC_5 23708 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_6 23709 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_7 23710 | 24.16 1.09 0.00 | 20.29 0.91 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.85 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.22 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.83 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.60 2.85 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.20 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_8 23711 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT_IC_9 23700 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT___1 23545 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BARRETT___2 23546 | 24.17 1.09 0.00 | 20.30 0.92 0.00 | 21.31 0.88 0.00 | 20.21 0.86 0.00 | 20.86 0.90 0.00 | 21.86 1.06 0.00 | 26.42 1.18 0.00 | 43.57 1.76 0.00 | 26.23 1.26 0.00 | 23.63 1.41 0.00 | 25.42 1.80 0.00 | 25.38 1.84 0.00 | 23.87 1.72 0.00 | 24.10 1.58 0.00 | 23.63 1.36 0.00 | 12.14 1.21 13.95 | 25.21 1.23 2.66 | 36.28 1.76 0.00 | 59.62 2.87 1.25 | 37.04 1.71 0.00 | 26.72 1.26 0.00 | 24.66 1.24 0.00 | 22.21 1.23 0.00 | 18.78 1.06 0.00 |
| BATAVIA__115KV_TB1 55881 | 6.77 -0.72 15.59 | 5.09 -0.58 13.72 | 5.92 -0.69 13.82 | 11.50 -0.71 7.14 | 6.94 -0.66 12.38 | 12.94 -0.65 7.20 | 14.31 -0.54 10.39 | 30.79 -0.87 10.16 | 19.03 -0.34 5.60 | 20.15 -0.54 1.53 | 19.04 -0.58 3.99 | 22.69 -0.85 0.00 | 16.73 -0.60 4.82 | 21.70 -0.82 0.00 | 21.44 -0.81 0.02 | 23.76 -0.84 0.27 | 25.66 -0.98 0.00 | 27.90 -1.15 5.48 | 35.91 -1.69 20.41 | 24.06 -0.71 10.56 | 24.66 -0.79 0.01 | 23.17 -0.24 0.00 | 20.83 -0.14 0.00 | 17.31 -0.42 0.00 |
| BAYONEEC___CTG1 323682 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG10 323750 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG2 323683 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG3 323684 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG4 323685 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG5 323686 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG6 323687 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|
| BAYONEEC___CTG7 323688 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG8 323689 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BAYONEEC___CTG9 323749 | 24.25 1.17 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.34 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.63 1.39 0.00 | 44.22 2.41 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.12 1.86 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.02 2.49 0.00 | 62.07 4.07 0.00 | 37.76 2.43 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| BEACON___LESR 323632 | 23.93 0.86 0.00 | 20.11 0.73 0.00 | 21.18 0.74 0.00 | 20.10 0.75 0.00 | 20.71 0.75 0.00 | 21.60 0.80 0.00 | 26.23 0.99 0.00 | 43.61 1.80 0.00 | 26.03 1.07 0.00 | 23.17 0.95 0.00 | 24.66 1.04 0.00 | 24.59 1.05 0.00 | 23.07 0.93 0.00 | 23.49 0.96 0.00 | 23.11 0.84 0.00 | 25.86 0.99 0.00 | 27.63 0.99 0.00 | 35.89 1.37 0.00 | 60.68 2.68 0.00 | 37.00 1.68 0.00 | 26.59 1.13 0.00 | 24.27 0.86 0.00 | 21.68 0.71 0.00 | 18.34 0.61 0.00 |
| BEAVER RIVER___HYD 24048 | 22.75 -0.33 0.00 | 19.09 -0.29 0.00 | 20.14 -0.29 0.00 | 19.08 -0.28 0.00 | 19.68 -0.28 0.00 | 20.65 -0.15 0.00 | 25.25 0.19 0.18 | 42.31 0.50 0.00 | 25.09 0.12 0.00 | 22.04 -0.18 0.00 | 23.54 -0.08 0.00 | 23.10 -0.44 0.00 | 21.52 -0.63 0.00 | 21.97 -0.55 0.00 | 21.76 -0.51 0.00 | 24.54 -0.33 0.00 | 27.14 0.49 0.00 | 35.54 1.02 0.00 | 60.38 2.38 0.00 | 47.51 0.73 -11.45 | 36.09 0.11 -10.52 | 34.45 -0.06 -11.09 | 31.23 -0.23 -10.48 | 15.26 -0.24 2.22 |
| BEEBEE_GT_13 23619 | 9.69 -0.87 12.51 | 7.66 -0.71 11.01 | 8.54 -0.80 11.10 | 12.84 -0.79 5.73 | 9.25 -0.78 9.93 | 14.26 -0.76 5.78 | 16.09 -0.81 8.34 | 32.33 -1.33 8.15 | 20.18 -0.64 4.15 | 21.24 -0.66 0.32 | 21.78 -0.73 1.10 | 22.83 -0.72 0.00 | 21.50 -0.65 0.00 | 21.84 -0.69 0.00 | 21.57 -0.69 0.00 | 24.12 -0.76 0.00 | 25.80 -0.84 0.00 | 29.12 -1.25 4.15 | 42.47 -2.13 13.41 | 28.70 -1.10 5.53 | 24.62 -0.84 0.00 | 22.96 -0.45 0.00 | 20.63 -0.35 0.00 | 17.25 -0.48 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 24.44 1.36 0.00 | 20.51 1.13 0.00 | 21.61 1.18 0.00 | 20.47 1.12 0.00 | 21.14 1.17 0.00 | 22.05 1.25 0.00 | 26.85 1.61 0.00 | 44.60 2.79 0.00 | 26.88 1.91 0.00 | 23.97 1.76 0.00 | 25.63 2.01 0.00 | 25.62 2.07 0.00 | 24.18 2.03 0.00 | 24.57 2.04 0.00 | 24.32 2.05 0.00 | 27.10 2.23 0.00 | 28.91 2.27 0.00 | 37.34 2.82 0.00 | 62.58 4.57 0.00 | 38.19 2.86 0.00 | 27.50 2.04 0.00 | 25.22 1.81 0.00 | 22.54 1.56 0.00 | 19.08 1.35 0.00 |
| BETHLEHEM___GRP 23843 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.51 0.00 | 19.88 0.52 0.00 | 20.49 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.94 1.12 0.00 | 25.68 0.71 0.00 | 22.87 0.66 0.00 | 24.41 0.79 0.00 | 24.31 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.27 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.37 0.00 |
| BETHLEHEM___GS1 323560 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.52 0.00 | 19.88 0.52 0.00 | 20.50 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.93 1.12 0.00 | 25.68 0.71 0.00 | 22.88 0.66 0.00 | 24.41 0.79 0.00 | 24.32 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.28 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.36 0.00 |
| BETHLEHEM___GS2 323561 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.52 0.00 | 19.88 0.52 0.00 | 20.50 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.93 1.12 0.00 | 25.68 0.71 0.00 | 22.88 0.66 0.00 | 24.41 0.79 0.00 | 24.32 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.28 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.36 0.00 |
| BETHLEHEM___GS3 323562 | 23.65 0.58 0.00 | 19.86 0.47 0.00 | 20.95 0.52 0.00 | 19.88 0.52 0.00 | 20.50 0.53 0.00 | 21.34 0.54 0.00 | 25.94 0.70 0.00 | 42.93 1.12 0.00 | 25.68 0.71 0.00 | 22.88 0.66 0.00 | 24.41 0.79 0.00 | 24.32 0.77 0.00 | 22.86 0.71 0.00 | 23.24 0.71 0.00 | 22.83 0.56 0.00 | 25.50 0.63 0.00 | 27.19 0.55 0.00 | 35.28 0.75 0.00 | 59.55 1.54 0.00 | 36.43 1.10 0.00 | 26.18 0.72 0.00 | 23.90 0.49 0.00 | 21.37 0.40 0.00 | 18.09 0.36 0.00 |
| BETHLEHEM___STEEL 23779 | 2.58 -1.11 19.39 | 1.43 -0.89 17.06 | 2.24 -1.00 17.20 | 9.48 -0.99 8.88 | 3.60 -0.96 15.39 | 10.86 -0.97 8.96 | 11.28 -1.03 12.93 | 27.48 -1.69 12.63 | 17.52 -0.83 6.62 | 19.41 -0.84 1.97 | 17.69 -0.86 5.08 | 22.67 -0.87 0.00 | 14.97 -0.69 6.49 | 21.72 -0.81 0.00 | 21.40 -0.84 0.03 | 23.54 -0.97 0.37 | 25.48 -1.16 0.00 | 25.85 -1.68 7.00 | 27.67 -2.81 27.53 | 18.57 -1.42 15.35 | 24.08 -1.36 0.02 | 22.75 -0.67 0.00 | 20.48 -0.49 0.00 | 17.01 -0.72 0.00 |
| BETHLHEM_115KV_TB1 79974 | 23.66 0.59 0.00 | 19.87 0.49 0.00 | 20.96 0.53 0.00 | 19.88 0.52 0.00 | 20.49 0.53 0.00 | 21.35 0.55 0.00 | 25.94 0.70 0.00 | 42.96 1.15 0.00 | 25.69 0.73 0.00 | 22.89 0.67 0.00 | 24.40 0.78 0.00 | 24.31 0.77 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 22.87 0.59 0.00 | 25.54 0.66 0.00 | 27.24 0.60 0.00 | 35.34 0.82 0.00 | 59.62 1.62 0.00 | 36.46 1.12 0.00 | 26.20 0.74 0.00 | 23.94 0.53 0.00 | 21.41 0.43 0.00 | 18.13 0.40 0.00 |
| BETHPAGE_CC_5 323564 | 24.24 1.16 0.00 | 20.36 0.97 0.00 | 21.36 0.93 0.00 | 20.26 0.91 0.00 | 20.92 0.96 0.00 | 21.93 1.13 0.00 | 26.67 1.43 0.00 | 43.95 2.14 0.00 | 26.46 1.49 0.00 | 23.73 1.52 0.00 | 25.51 1.89 0.00 | 25.41 1.87 0.00 | 23.90 1.75 0.00 | 24.15 1.62 0.00 | 23.71 1.44 0.00 | 15.37 1.39 10.89 | 26.01 1.44 2.08 | 36.48 1.96 0.00 | 60.16 3.14 0.98 | 37.23 1.90 0.00 | 26.90 1.43 0.00 | 24.82 1.40 0.00 | 22.38 1.41 0.00 | 18.92 1.20 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 2.37 -1.03 19.67 | 1.26 -0.81 17.31 | 2.07 -0.91 17.45 | 9.43 -0.92 9.01 | 3.47 -0.88 15.62 | 10.81 -0.89 9.09 | 11.19 -0.93 13.12 | 27.49 -1.50 12.82 | 17.55 -0.72 6.70 | 19.59 -0.74 1.90 | 17.95 -0.75 4.92 | 22.77 -0.78 0.00 | 15.43 -0.58 6.14 | 21.82 -0.71 0.00 | 21.51 -0.74 0.02 | 23.67 -0.85 0.35 | 25.61 -1.03 0.00 | 25.98 -1.49 7.06 | 28.07 -2.48 27.45 | 19.01 -1.23 15.10 | 24.21 -1.23 0.02 | 22.87 -0.55 0.00 | 20.58 -0.39 0.00 | 17.09 -0.64 0.00 |

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| BINGHAMTON___COGEN 23790 | 23.12 0.04 0.00 | 19.42 0.03 0.00 | 20.49 0.05 0.00 | 19.43 0.07 0.00 | 20.03 0.07 0.00 | 20.90 0.11 0.00 | 25.42 0.18 0.00 | 42.32 0.51 0.00 | 25.30 0.31 -0.02 | 22.70 0.25 -0.24 | 24.43 0.26 -0.55 | 23.88 0.34 0.00 | 23.63 0.42 -1.06 | 22.99 0.46 0.00 | 22.75 0.48 0.00 | 25.38 0.44 -0.06 | 27.10 0.46 0.00 | 35.25 0.63 -0.10 | 60.47 1.14 -1.33 | 37.18 0.63 -1.22 | 25.31 -0.15 0.00 | 23.42 0.00 0.00 | 20.95 -0.02 0.00 | 17.64 -0.08 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 0.23 -1.50 21.34 | -0.33 -0.93 18.78 | 0.43 -1.08 18.93 | 8.61 -0.97 9.78 | 2.15 -0.87 16.94 | 9.93 -1.00 9.86 | 9.94 -1.07 14.23 | 26.28 -1.62 13.91 | 16.92 -0.82 7.23 | 19.93 -0.78 1.51 | 18.57 -0.96 4.09 | 22.53 -1.02 0.00 | 17.24 -0.67 4.24 | 21.66 -0.87 0.00 | 21.40 -0.85 0.02 | 23.72 -0.92 0.24 | 25.75 -0.89 0.00 | 26.05 -1.03 7.44 | 28.79 -2.10 27.11 | 20.53 -1.03 13.78 | 24.19 -1.26 0.01 | 23.03 -0.39 0.00 | 20.69 -0.28 0.00 | 17.11 -0.61 0.00 |
| BLACK RIVER___HYD 24047 | 22.58 -0.49 0.00 | 18.96 -0.43 0.00 | 19.98 -0.45 0.00 | 18.93 -0.43 0.00 | 19.53 -0.44 0.00 | 20.48 -0.32 0.00 | 25.11 0.00 0.12 | 41.96 0.15 0.00 | 24.92 -0.06 0.00 | 21.89 -0.33 0.00 | 23.43 -0.19 0.00 | 22.90 -0.64 0.00 | 21.29 -0.86 0.00 | 21.71 -0.82 0.00 | 21.54 -0.73 0.00 | 24.30 -0.58 0.00 | 26.95 0.30 0.00 | 35.25 0.72 0.00 | 60.00 1.99 0.00 | 43.87 0.54 -8.00 | 32.80 -0.01 -7.34 | 31.01 -0.15 -7.75 | 28.00 -0.29 -7.32 | 15.92 -0.33 1.48 |
| BLACKRVR_115KV_TB2 79977 | 22.58 -0.49 0.00 | 18.96 -0.42 0.00 | 19.98 -0.45 0.00 | 18.93 -0.43 0.00 | 19.52 -0.44 0.00 | 20.48 -0.32 0.00 | 25.11 0.00 0.12 | 41.96 0.15 0.00 | 24.91 -0.06 0.00 | 21.89 -0.33 0.00 | 23.43 -0.19 0.00 | 22.90 -0.64 0.00 | 21.29 -0.86 0.00 | 21.71 -0.82 0.00 | 21.54 -0.73 0.00 | 24.30 -0.58 0.00 | 26.95 0.30 0.00 | 35.25 0.72 0.00 | 59.99 1.98 0.00 | 43.87 0.54 -8.00 | 32.80 -0.01 -7.34 | 31.01 -0.15 -7.75 | 28.00 -0.29 -7.32 | 15.92 -0.33 1.48 |
| BLISS_WT_PWR 323608 | -0.02 -1.75 21.34 | -0.47 -1.08 18.78 | 0.28 -1.23 18.93 | 8.49 -1.09 9.78 | 2.04 -0.98 16.94 | 9.79 -1.14 9.86 | 9.77 -1.24 14.23 | 26.03 -1.87 13.91 | 16.75 -1.00 7.23 | 19.81 -0.90 1.51 | 18.40 -1.13 4.09 | 22.35 -1.19 0.00 | 17.11 -0.79 4.24 | 21.52 -1.01 0.00 | 21.25 -0.99 0.02 | 23.59 -1.05 0.24 | 25.67 -0.97 0.00 | 26.01 -1.08 7.44 | 28.60 -2.30 27.11 | 20.39 -1.17 13.78 | 24.06 -1.39 0.01 | 22.97 -0.45 0.00 | 20.63 -0.34 0.00 | 17.05 -0.68 0.00 |
| BLUESTONE___WT_PWR 323821 | 39.26 -0.04 -16.22 | 33.66 0.01 -14.27 | 34.85 0.03 -14.39 | 26.86 0.07 -7.43 | 33.05 0.21 -12.88 | 28.77 0.48 -7.49 | 36.95 0.89 -10.82 | 54.08 1.70 -10.57 | 31.34 0.95 -5.42 | 23.62 0.79 -0.62 | 26.35 0.83 -1.90 | 24.45 0.90 0.00 | 24.00 0.95 -0.90 | 23.55 1.02 0.00 | 23.29 1.02 0.00 | 25.97 1.04 -0.05 | 27.76 1.11 0.00 | 41.36 1.37 -5.47 | 78.34 1.82 -18.52 | 44.54 1.02 -8.19 | 25.64 0.18 0.00 | 23.72 0.30 0.00 | 21.32 0.35 0.00 | 17.91 0.18 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 23.89 0.81 0.00 | 20.06 0.67 0.00 | 21.16 0.73 0.00 | 20.07 0.71 0.00 | 20.69 0.73 0.00 | 21.54 0.74 0.00 | 26.17 0.93 0.00 | 43.30 1.49 0.00 | 25.86 0.89 0.00 | 22.95 0.73 0.00 | 24.40 0.78 0.00 | 24.30 0.76 0.00 | 22.85 0.71 0.00 | 23.25 0.72 0.00 | 22.90 0.63 0.00 | 25.64 0.76 0.00 | 27.44 0.80 0.00 | 35.66 1.14 0.00 | 60.10 2.09 0.00 | 36.70 1.37 0.00 | 26.39 0.93 0.00 | 24.18 0.77 0.00 | 21.63 0.66 0.00 | 18.31 0.58 0.00 |
| BOC_GAS_DRP 24189 | 23.65 0.57 0.00 | 19.86 0.47 0.00 | 20.95 0.51 0.00 | 19.86 0.50 0.00 | 20.47 0.51 0.00 | 21.31 0.51 0.00 | 25.89 0.64 0.00 | 42.86 1.05 0.00 | 25.65 0.68 0.00 | 22.85 0.63 0.00 | 24.34 0.72 0.00 | 24.27 0.72 0.00 | 22.83 0.68 0.00 | 23.21 0.68 0.00 | 22.91 0.64 0.00 | 25.59 0.72 0.00 | 27.33 0.69 0.00 | 35.43 0.91 0.00 | 59.65 1.65 0.00 | 36.39 1.06 0.00 | 26.17 0.71 0.00 | 24.00 0.58 0.00 | 21.46 0.49 0.00 | 18.18 0.45 0.00 |
| BOONVILLE_115KV_TB1 79983 | 23.19 0.11 0.00 | 19.47 0.08 0.00 | 20.54 0.11 0.00 | 19.45 0.08 0.00 | 20.07 0.11 0.00 | 21.00 0.20 0.00 | 25.69 0.45 0.00 | 42.69 0.88 0.00 | 25.39 0.42 0.00 | 22.42 0.20 0.00 | 23.87 0.25 0.00 | 23.63 0.09 0.00 | 22.16 0.01 0.00 | 22.59 0.06 0.00 | 22.33 0.07 0.00 | 25.06 0.19 0.00 | 27.23 0.58 0.00 | 35.50 0.98 0.00 | 60.02 2.02 0.00 | 40.56 0.90 -4.33 | 29.83 0.39 -3.98 | 27.89 0.28 -4.20 | 25.11 0.17 -3.96 | 18.58 0.10 -0.75 |
| BORALEX_4TH_BRANCH 23824 | 24.58 1.51 0.00 | 20.57 1.18 0.00 | 21.67 1.24 0.00 | 20.53 1.18 0.00 | 21.18 1.21 0.00 | 22.16 1.36 0.00 | 26.93 1.69 0.00 | 44.56 2.75 0.00 | 26.64 1.67 0.00 | 23.76 1.54 0.00 | 25.28 1.66 0.00 | 25.19 1.65 0.00 | 23.62 1.47 0.00 | 23.97 1.44 0.00 | 23.65 1.39 0.00 | 26.49 1.61 0.00 | 28.11 1.47 0.00 | 36.53 2.01 0.00 | 61.39 3.38 0.00 | 37.45 2.12 0.00 | 27.11 1.65 0.00 | 24.97 1.55 0.00 | 22.32 1.35 0.00 | 18.88 1.15 0.00 |
| BOWLINE___1 23526 | 24.11 1.03 0.00 | 20.24 0.85 0.00 | 21.32 0.89 0.00 | 20.20 0.85 0.00 | 20.85 0.89 0.00 | 21.76 0.97 0.00 | 26.48 1.24 0.00 | 43.98 2.18 0.00 | 26.39 1.42 0.00 | 23.52 1.31 0.00 | 25.12 1.50 0.00 | 25.11 1.57 0.00 | 23.66 1.51 0.00 | 24.06 1.53 0.00 | 23.82 1.55 0.00 | 26.55 1.68 0.00 | 28.35 1.70 0.00 | 36.68 2.16 0.00 | 61.67 3.67 0.00 | 37.52 2.19 0.00 | 26.93 1.47 0.00 | 24.75 1.33 0.00 | 22.11 1.14 0.00 | 18.74 1.01 0.00 |
| BOWLINE___2 23595 | 24.11 1.03 0.00 | 20.24 0.85 0.00 | 21.32 0.89 0.00 | 20.20 0.85 0.00 | 20.85 0.89 0.00 | 21.76 0.97 0.00 | 26.48 1.24 0.00 | 43.98 2.18 0.00 | 26.39 1.42 0.00 | 23.53 1.31 0.00 | 25.12 1.50 0.00 | 25.11 1.57 0.00 | 23.66 1.51 0.00 | 24.06 1.53 0.00 | 23.82 1.55 0.00 | 26.55 1.68 0.00 | 28.35 1.70 0.00 | 36.69 2.16 0.00 | 61.67 3.67 0.00 | 37.52 2.19 0.00 | 26.93 1.47 0.00 | 24.75 1.33 0.00 | 22.11 1.14 0.00 | 18.74 1.01 0.00 |
| BRADY___115KV_TB2 356060 | 24.62 1.54 0.00 | 20.59 1.20 0.00 | 21.66 1.23 0.00 | 20.55 1.19 0.00 | 21.29 1.33 0.00 | 22.45 1.66 0.00 | 27.27 2.60 0.57 | 46.47 4.66 0.00 | 27.46 2.49 0.00 | 23.85 1.63 0.00 | 24.86 1.24 0.00 | 24.27 0.72 0.00 | 22.44 0.29 0.00 | 22.88 0.35 0.00 | 22.80 0.53 0.00 | 25.81 0.94 0.00 | 28.90 2.26 0.00 | 38.36 3.84 0.00 | 65.44 7.43 -30.31 | 69.47 3.83 -27.85 | 55.64 2.33 -29.38 | 54.66 1.86 -27.76 | 50.11 1.38 7.84 | 10.84 0.95 0.00 |
| BRANSCOMB___SOLAR 323811 | 24.31 1.23 0.00 | 20.33 0.95 0.00 | 21.46 1.03 0.00 | 20.34 0.98 0.00 | 20.99 1.03 0.00 | 21.96 1.16 0.00 | 26.76 1.52 0.00 | 44.37 2.56 0.00 | 26.49 1.52 0.00 | 23.50 1.28 0.00 | 24.98 1.36 0.00 | 24.81 1.26 0.00 | 23.27 1.12 0.00 | 23.61 1.09 0.00 | 23.31 1.04 0.00 | 26.13 1.26 0.00 | 27.98 1.34 0.00 | 36.46 1.94 0.00 | 61.36 3.36 0.00 | 37.41 2.08 0.00 | 26.90 1.44 0.00 | 24.70 1.29 0.00 | 22.10 1.13 0.00 | 18.66 0.94 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 24.40 1.33 0.00 | 20.50 1.12 0.00 | 21.49 1.06 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 22.12 1.32 0.00 | 26.93 1.69 0.00 | 44.34 2.53 0.00 | 26.67 1.71 0.00 | 23.94 1.73 0.00 | 25.74 2.12 0.00 | 25.61 2.07 0.00 | 24.07 1.92 0.00 | 24.28 1.76 0.00 | 23.77 1.51 0.00 | 13.82 1.54 12.60 | 25.95 1.71 2.40 | 36.92 2.39 0.00 | 60.66 3.79 1.14 | 37.59 2.26 0.00 | 27.18 1.72 0.00 | 24.99 1.57 0.00 | 22.49 1.52 0.00 | 19.03 1.31 0.00 |

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| BRISTLHL_115KV_TB1 79998 | 22.44 -0.64 0.00 | 18.86 -0.52 0.00 | 19.87 -0.56 0.00 | 18.82 -0.54 0.00 | 19.42 -0.55 0.00 | 20.22 -0.58 0.00 | 24.53 -0.72 0.00 | 40.56 -1.25 0.00 | 24.28 -0.69 0.00 | 21.59 -0.63 0.00 | 22.90 -0.72 0.00 | 22.81 -0.74 0.00 | 21.50 -0.65 0.00 | 21.86 -0.67 0.00 | 21.60 -0.66 0.00 | 24.10 -0.77 0.00 | 25.87 -0.77 0.00 | 33.53 -1.00 0.00 | 56.39 -1.62 0.00 | 34.38 -0.95 0.00 | 24.86 -0.60 0.00 | 22.93 -0.48 0.00 | 20.56 -0.41 0.00 | 17.36 -0.37 0.00 |
| BROOKHAVEN___DRP 24191 | 24.22 1.15 0.00 | 20.35 0.97 0.00 | 21.34 0.90 0.00 | 20.25 0.90 0.00 | 20.95 0.99 0.00 | 22.06 1.26 0.00 | 26.89 1.65 0.00 | 44.17 2.36 0.00 | 26.59 1.62 0.00 | 23.87 1.65 0.00 | 25.61 1.99 0.00 | 25.48 1.93 0.00 | 23.94 1.80 0.00 | 24.14 1.61 0.00 | 23.54 1.28 0.00 | 13.41 1.37 12.83 | 25.75 1.55 2.45 | 36.75 2.23 0.00 | 60.36 3.52 1.16 | 37.41 2.08 0.00 | 27.06 1.60 0.00 | 24.85 1.44 0.00 | 22.40 1.42 0.00 | 18.94 1.21 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 24.20 1.12 0.00 | 20.31 0.93 0.00 | 21.42 0.98 0.00 | 20.31 0.95 0.00 | 20.96 1.00 0.00 | 21.85 1.06 0.00 | 26.60 1.35 0.00 | 44.10 2.29 0.00 | 26.52 1.55 0.00 | 23.67 1.45 0.00 | 25.32 1.70 0.00 | 25.32 1.78 0.00 | 23.89 1.74 0.00 | 24.29 1.76 0.00 | 24.07 1.80 0.00 | 26.82 1.94 0.00 | 28.62 1.98 0.00 | 36.94 2.41 0.00 | 61.94 3.94 0.00 | 37.71 2.38 0.00 | 27.13 1.67 0.00 | 24.91 1.50 0.00 | 22.26 1.29 0.00 | 18.88 1.15 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 24.34 1.27 0.00 | 20.44 1.05 0.00 | 21.48 1.05 0.00 | 20.36 1.01 0.00 | 21.02 1.06 0.00 | 21.99 1.19 0.00 | 26.75 1.51 0.00 | 44.29 2.48 0.00 | 26.63 1.66 0.00 | 23.84 1.62 0.00 | 25.56 1.94 0.00 | 25.51 1.96 0.00 | 24.01 1.86 0.00 | 24.35 1.82 0.00 | 24.00 1.73 0.00 | 21.15 1.78 5.50 | 27.41 1.82 1.05 | 36.95 2.42 0.00 | 61.51 4.01 0.49 | 37.72 2.39 0.00 | 27.17 1.71 0.00 | 24.98 1.56 0.00 | 22.39 1.42 0.00 | 18.94 1.22 0.00 |
| BROOME_2_LFGE 323671 | 23.10 0.03 0.00 | 19.40 0.02 0.00 | 20.48 0.04 0.00 | 19.43 0.07 0.00 | 20.02 0.06 0.00 | 20.89 0.09 0.00 | 25.40 0.16 0.00 | 42.30 0.16 0.00 | 25.29 0.30 -0.02 | 22.70 0.24 -0.24 | 24.42 0.25 -0.55 | 23.88 0.34 0.00 | 23.62 0.41 -1.06 | 22.98 0.46 0.00 | 22.75 0.48 0.00 | 25.38 0.44 -0.06 | 27.10 0.46 0.00 | 35.24 0.62 -0.10 | 60.43 1.09 -1.33 | 37.16 0.60 -1.22 | 25.30 -0.16 0.00 | 23.41 0.00 0.00 | 20.94 -0.03 0.00 | 17.64 -0.09 0.00 |
| BROOME___LFGE 323600 | 23.10 0.03 0.00 | 19.40 0.02 0.00 | 20.48 0.04 0.00 | 19.43 0.07 0.00 | 20.02 0.06 0.00 | 20.89 0.09 0.00 | 25.40 0.16 0.00 | 42.30 0.49 0.00 | 25.29 0.30 -0.02 | 22.70 0.24 -0.24 | 24.42 0.25 -0.55 | 23.88 0.34 0.00 | 23.62 0.41 -1.06 | 22.98 0.46 0.00 | 22.75 0.48 0.00 | 25.38 0.44 -0.06 | 27.10 0.46 0.00 | 35.24 0.62 -0.10 | 60.43 1.09 -1.33 | 37.16 0.60 -1.22 | 25.30 -0.16 0.00 | 23.41 0.00 0.00 | 20.94 -0.03 0.00 | 17.64 -0.09 0.00 |
| BROWNFLS_115KV_TB 3_5 80003 | 23.21 0.14 0.00 | 19.44 0.06 0.00 | 20.50 0.06 0.00 | 19.43 0.07 0.00 | 20.06 0.10 0.00 | 21.07 0.27 0.00 | 25.60 0.72 0.37 | 43.23 1.42 0.00 | 25.62 0.65 0.00 | 22.48 0.26 0.00 | 23.86 0.24 0.00 | 23.42 -0.12 0.00 | 21.78 -0.37 0.00 | 22.22 -0.30 0.00 | 22.03 -0.23 0.00 | 24.87 0.00 0.00 | 27.53 0.89 0.00 | 36.13 1.60 0.00 | 61.31 3.31 0.00 | 57.22 1.32 -20.57 | 44.94 0.58 -18.90 | 43.69 0.33 -19.94 | 39.92 0.11 -18.84 | 12.78 0.00 4.94 |
| BROWNSV1_27_KV_LOAD 356125 | 24.44 1.36 0.00 | 20.52 1.13 0.00 | 21.62 1.19 0.00 | 20.49 1.14 0.00 | 21.15 1.18 0.00 | 22.05 1.25 0.00 | 26.86 1.62 0.00 | 44.62 2.81 0.00 | 26.84 1.88 0.00 | 23.97 1.75 0.00 | 25.63 2.00 0.00 | 25.63 2.09 0.00 | 24.18 2.03 0.00 | 24.59 2.06 0.00 | 24.36 2.09 0.00 | 27.13 2.25 0.00 | 28.93 2.29 0.00 | 37.38 2.85 0.00 | 62.71 4.70 0.00 | 38.15 2.82 0.00 | 27.46 2.00 0.00 | 25.21 1.79 0.00 | 22.52 1.55 0.00 | 19.08 1.35 0.00 |
| BURROWS___LYONSDAL 23803 | 23.01 -0.07 0.00 | 19.31 -0.07 0.00 | 20.38 -0.05 0.00 | 19.29 -0.06 0.00 | 19.92 -0.04 0.00 | 20.85 0.05 0.00 | 25.51 0.32 0.05 | 42.48 0.67 0.00 | 25.25 0.28 0.00 | 22.26 0.04 0.00 | 23.73 0.11 0.00 | 23.46 -0.08 0.00 | 21.96 -0.18 0.00 | 22.41 -0.12 0.00 | 22.15 -0.11 0.00 | 24.90 0.02 0.00 | 27.17 0.53 0.00 | 35.46 0.94 0.00 | 60.02 2.01 0.00 | 41.83 0.77 -5.73 | 30.98 0.25 -5.26 | 29.10 0.13 -5.55 | 26.22 0.01 -5.24 | 17.48 -0.04 0.22 |
| CAITHNESS_CC_1 323624 | 24.20 1.12 0.00 | 20.33 0.94 0.00 | 21.31 0.88 0.00 | 20.23 0.88 0.00 | 20.91 0.95 0.00 | 22.00 1.21 0.00 | 26.82 1.58 0.00 | 44.04 2.23 0.00 | 26.51 1.54 0.00 | 23.81 1.59 0.00 | 25.57 1.95 0.00 | 25.44 1.89 0.00 | 23.90 1.76 0.00 | 24.10 1.58 0.00 | 23.53 1.27 0.00 | 13.37 1.33 12.84 | 25.68 1.49 2.45 | 36.65 2.13 0.00 | 60.20 3.36 1.16 | 37.32 1.99 0.00 | 26.99 1.53 0.00 | 24.79 1.37 0.00 | 22.36 1.38 0.00 | 18.90 1.17 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 24.26 1.18 0.00 | 20.38 0.99 0.00 | 21.39 0.96 0.00 | 20.29 0.93 0.00 | 20.94 0.98 0.00 | 21.95 1.16 0.00 | 26.69 1.45 0.00 | 44.04 2.23 0.00 | 26.49 1.52 0.00 | 23.76 1.55 0.00 | 25.52 1.90 0.00 | 25.43 1.89 0.00 | 23.92 1.77 0.00 | 24.19 1.66 0.00 | 23.75 1.48 0.00 | 16.31 1.40 9.97 | 26.20 1.46 1.90 | 36.52 2.00 0.00 | 60.33 3.22 0.90 | 37.27 1.95 0.00 | 26.92 1.45 0.00 | 24.85 1.44 0.00 | 22.36 1.39 0.00 | 18.92 1.19 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 24.26 1.19 0.00 | 20.38 1.00 0.00 | 21.39 0.96 0.00 | 20.29 0.93 0.00 | 20.94 0.98 0.00 | 21.95 1.16 0.00 | 26.69 1.45 0.00 | 44.04 2.23 0.00 | 26.50 1.53 0.00 | 23.76 1.54 0.00 | 25.52 1.90 0.00 | 25.43 1.89 0.00 | 23.92 1.77 0.00 | 24.19 1.66 0.00 | 23.75 1.49 0.00 | 16.31 1.40 9.97 | 26.20 1.46 1.90 | 36.53 2.00 0.00 | 60.32 3.21 0.90 | 37.27 1.94 0.00 | 26.92 1.45 0.00 | 24.85 1.44 0.00 | 22.37 1.40 0.00 | 18.92 1.19 0.00 |
| CALPINE_BP_GT1 23823 | 24.26 1.19 0.00 | 20.38 1.00 0.00 | 21.39 0.96 0.00 | 20.29 0.93 0.00 | 20.94 0.98 0.00 | 21.95 1.16 0.00 | 26.69 1.45 0.00 | 44.04 2.23 0.00 | 26.50 1.53 0.00 | 23.76 1.54 0.00 | 25.52 1.90 0.00 | 25.43 1.89 0.00 | 23.92 1.77 0.00 | 24.19 1.66 0.00 | 23.75 1.49 0.00 | 16.31 1.40 9.97 | 26.20 1.46 1.90 | 36.53 2.00 0.00 | 60.32 3.21 0.90 | 37.27 1.94 0.00 | 26.92 1.45 0.00 | 24.85 1.44 0.00 | 22.37 1.40 0.00 | 18.92 1.19 0.00 |
| CALSPAN___DRP 24200 | 2.58 -1.11 19.39 | 1.43 -0.89 17.06 | 2.24 -1.00 17.20 | 9.48 -0.99 8.88 | 3.60 -0.96 15.39 | 10.86 -0.97 8.96 | 11.28 -1.03 12.93 | 27.48 -1.69 12.63 | 17.52 -0.83 6.62 | 19.41 -0.84 1.97 | 17.69 -0.86 5.08 | 22.67 -0.87 0.00 | 14.97 -0.69 6.49 | 21.72 -0.81 0.00 | 21.40 -0.84 0.03 | 23.54 -0.97 0.37 | 25.48 -1.16 0.00 | 25.85 -1.68 7.00 | 27.67 -2.81 27.53 | 18.57 -1.42 15.35 | 24.08 -1.36 0.02 | 22.75 -0.67 0.00 | 20.48 -0.49 0.00 | 17.01 -0.72 0.00 |

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|-------------------------------|--------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|--------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CALVERTON___SOLAR 323806 | 24.24 1.17 0.00 | 20.36 0.98 0.00 | 21.35 0.92 0.00 | 20.27 0.92 0.00 | 20.97 1.01 0.00 | 22.12 1.32 0.00 | 26.98 1.74 0.00 | 44.31 2.50 0.00 | 26.68 1.71 0.00 | 23.92 1.70 0.00 | 25.66 2.04 0.00 | 25.53 1.99 0.00 | 23.98 1.83 0.00 | 24.17 1.64 0.00 | 23.55 1.29 0.00 | 13.44 1.39 12.83 | 25.80 1.61 2.45 | 36.83 2.31 0.00 | 60.52 3.67 1.16 | 37.50 2.17 0.00 | 27.11 1.65 0.00 | 24.89 1.47 0.00 | 22.44 1.46 0.00 | 18.95 1.22 0.00 |
| CANDIGU_WT_PWR 323617 | -10.15 -1.34 31.88 | -9.79 -1.13 28.05 | -9.05 -1.21 28.27 | 3.63 -1.12 14.61 | -6.41 -1.06 25.31 | 5.06 -1.00 14.73 | 2.88 -1.11 21.26 | 19.32 -1.72 20.77 | 12.68 -1.04 11.25 | 12.53 -1.06 8.63 | 1.70 -1.23 20.70 | 22.35 -1.18 0.01 | -13.43 -0.94 34.64 | 21.68 -0.85 0.00 | 21.31 -0.81 0.15 | 21.95 -0.95 1.97 | 25.75 -0.88 0.01 | 19.73 -1.07 13.72 | -18.10 -1.97 74.13 | -18.27 -1.37 52.23 | 23.78 -1.57 0.10 | 22.33 -1.08 0.00 | 19.99 -0.99 0.00 | 16.74 -0.99 0.00 |
| CARR STREET_E_SYR 24060 | 22.54 -0.54 0.00 | 18.95 -0.44 0.00 | 19.96 -0.47 0.00 | 18.90 -0.45 0.00 | 19.51 -0.46 0.00 | 20.32 -0.47 0.00 | 24.67 -0.57 0.00 | 40.82 -1.00 0.00 | 24.44 -0.53 0.00 | 21.71 -0.50 0.00 | 23.04 -0.58 0.00 | 22.95 -0.59 0.00 | 21.64 -0.51 0.00 | 22.01 -0.52 0.00 | 21.76 -0.51 0.00 | 24.27 -0.61 0.00 | 26.04 -0.60 0.00 | 33.76 -0.76 0.00 | 56.73 -1.27 0.00 | 34.58 -0.75 0.00 | 25.02 -0.45 0.00 | 23.08 -0.33 0.00 | 20.69 -0.28 0.00 | 17.46 -0.26 0.00 |
| CARTHAGE___PAPER 23857 | 22.81 -0.26 0.00 | 19.14 -0.24 0.00 | 20.19 -0.25 0.00 | 19.13 -0.23 0.00 | 19.73 -0.23 0.00 | 20.70 -0.09 0.00 | 25.38 0.28 0.15 | 42.46 0.65 0.00 | 25.18 0.21 0.00 | 22.09 -0.12 0.00 | 23.61 -0.01 0.00 | 23.10 -0.44 0.00 | 21.47 -0.67 0.00 | 21.91 -0.62 0.00 | 21.73 -0.54 0.00 | 24.56 -0.32 0.00 | 27.23 0.59 0.00 | 35.65 1.13 0.00 | 60.63 2.62 0.00 | 45.56 0.90 -9.33 | 34.26 0.23 -8.57 | 32.50 0.04 -9.04 | 29.37 -0.14 -8.54 | 15.77 -0.19 1.77 |
| CASSADAGA_WT_PWR 323784 | 0.05 -1.60 21.43 | -0.79 -1.32 18.86 | 0.01 -1.42 19.01 | 8.21 -1.33 9.82 | 1.75 -1.19 17.02 | 9.78 -1.12 9.90 | 9.69 -1.26 14.29 | 25.87 -1.97 13.97 | 16.69 -1.02 7.26 | 19.75 -0.89 1.58 | 18.54 -0.83 4.25 | 22.71 -0.83 0.00 | 17.01 -0.61 4.54 | 21.83 -0.70 0.00 | 21.54 -0.71 0.02 | 23.84 -0.78 0.26 | 25.52 -1.12 0.00 | 25.59 -1.43 7.50 | 27.95 -2.51 27.55 | 19.70 -1.48 14.15 | 23.78 -1.66 0.01 | 22.49 -0.93 0.00 | 20.19 -0.78 0.00 | 16.80 -0.93 0.00 |
| CE_DUNWOOD___DRP 24194 | 24.19 1.12 0.00 | 20.30 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.90 0.00 | 20.91 0.95 0.00 | 21.82 1.02 0.00 | 26.55 1.31 0.00 | 44.09 2.28 0.00 | 26.47 1.50 0.00 | 23.63 1.42 0.00 | 25.25 1.62 0.00 | 25.23 1.69 0.00 | 23.78 1.63 0.00 | 24.17 1.64 0.00 | 23.92 1.65 0.00 | 26.65 1.78 0.00 | 28.45 1.80 0.00 | 36.81 2.28 0.00 | 61.83 3.82 0.00 | 37.62 2.29 0.00 | 27.04 1.58 0.00 | 24.84 1.43 0.00 | 22.20 1.23 0.00 | 18.81 1.08 0.00 |
| CE_MILLWOOD___DRP 24193 | 24.15 1.08 0.00 | 20.27 0.89 0.00 | 21.35 0.92 0.00 | 20.23 0.88 0.00 | 20.88 0.92 0.00 | 21.79 0.99 0.00 | 26.52 1.27 0.00 | 44.04 2.23 0.00 | 26.43 1.46 0.00 | 23.59 1.37 0.00 | 25.19 1.57 0.00 | 25.18 1.64 0.00 | 23.72 1.57 0.00 | 24.12 1.59 0.00 | 23.87 1.60 0.00 | 26.59 1.72 0.00 | 28.39 1.75 0.00 | 36.75 2.22 0.00 | 61.73 3.73 0.00 | 37.57 2.24 0.00 | 27.00 1.54 0.00 | 24.80 1.38 0.00 | 22.17 1.19 0.00 | 18.78 1.05 0.00 |
| CE_NYC2_DRP 24202 | 24.27 1.19 0.00 | 20.38 0.99 0.00 | 21.48 1.05 0.00 | 20.36 1.00 0.00 | 21.01 1.05 0.00 | 21.91 1.12 0.00 | 26.67 1.43 0.00 | 44.24 2.43 0.00 | 26.65 1.68 0.00 | 23.81 1.59 0.00 | 25.44 1.82 0.00 | 25.42 1.88 0.00 | 24.01 1.86 0.00 | 24.39 1.87 0.00 | 24.16 1.89 0.00 | 26.89 2.01 0.00 | 28.67 2.03 0.00 | 37.03 2.50 0.00 | 62.08 4.07 0.00 | 37.83 2.50 0.00 | 27.25 1.79 0.00 | 25.00 1.59 0.00 | 22.36 1.39 0.00 | 18.95 1.22 0.00 |
| CE_NYC_DRP 24195 | 24.29 1.21 0.00 | 20.40 1.02 0.00 | 21.50 1.06 0.00 | 20.37 1.02 0.00 | 21.03 1.07 0.00 | 21.92 1.12 0.00 | 26.69 1.45 0.00 | 44.32 2.51 0.00 | 26.65 1.68 0.00 | 23.81 1.59 0.00 | 25.45 1.83 0.00 | 25.46 1.91 0.00 | 24.03 1.88 0.00 | 24.44 1.91 0.00 | 24.20 1.93 0.00 | 26.95 2.08 0.00 | 28.75 2.10 0.00 | 37.14 2.61 0.00 | 62.26 4.25 0.00 | 37.87 2.54 0.00 | 27.25 1.79 0.00 | 25.03 1.61 0.00 | 22.36 1.39 0.00 | 18.95 1.23 0.00 |
| CHAFFEE___LFGE 323603 | 1.75 -0.94 20.38 | 0.68 -0.77 17.93 | 1.50 -0.86 18.08 | 9.16 -0.86 9.34 | 2.95 -0.83 16.18 | 10.55 -0.83 9.42 | 10.82 -0.84 13.59 | 27.25 -1.28 13.28 | 17.44 -0.61 6.93 | 19.84 -0.64 1.74 | 18.40 -0.64 4.58 | 22.86 -0.68 0.00 | 16.30 -0.49 5.35 | 21.90 -0.63 0.00 | 21.58 -0.67 0.02 | 23.82 -0.76 0.30 | 25.71 -0.93 0.00 | 25.93 -1.37 7.23 | 28.48 -2.20 27.32 | 19.72 -1.05 14.56 | 24.33 -1.12 0.02 | 22.95 -0.46 0.00 | 20.64 -0.33 0.00 | 17.14 -0.58 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 22.82 -0.25 0.00 | 19.12 -0.27 0.00 | 20.12 -0.32 0.00 | 19.09 -0.27 0.00 | 19.62 -0.34 0.00 | 20.49 -0.31 0.00 | 23.58 -0.42 1.24 | 41.27 -0.54 0.00 | 24.52 -0.45 0.00 | 21.87 -0.35 0.00 | 23.27 -0.35 0.00 | 23.18 -0.36 0.00 | 21.67 -0.47 0.00 | 22.00 -0.52 0.00 | 21.77 -0.50 0.00 | 24.47 -0.40 0.00 | 26.56 -0.08 0.00 | 34.32 -0.21 0.00 | 57.42 -0.59 0.00 | -14.16 -0.90 48.60 | -19.78 -0.59 44.65 | -24.32 -0.64 47.10 | -24.15 -0.62 44.49 | -19.95 -0.61 37.07 |
| CHATEAUG_WT_PWR 323614 | 22.72 -0.36 0.00 | 19.05 -0.33 0.00 | 20.04 -0.39 0.00 | 19.03 -0.32 0.00 | 19.56 -0.40 0.00 | 20.42 -0.38 0.00 | 23.42 -0.51 1.31 | 41.06 -0.75 0.00 | 24.43 -0.53 0.00 | 21.81 -0.40 0.00 | 23.24 -0.38 0.00 | 23.16 -0.38 0.00 | 21.66 -0.48 0.00 | 22.01 -0.51 0.00 | 21.80 -0.47 0.00 | 24.47 -0.41 0.00 | 26.52 -0.12 0.00 | 34.24 -0.28 0.00 | 57.25 -0.76 0.00 | -10.90 -1.11 45.13 | -16.75 -0.75 41.46 | -21.11 -0.79 43.74 | -21.11 -0.76 41.32 | -21.08 -0.71 38.10 |
| CHAT_HIGH_FALL_HYD 323578 | 22.82 -0.25 0.00 | 19.12 -0.27 0.00 | 20.12 -0.32 0.00 | 19.09 -0.27 0.00 | 19.62 -0.34 0.00 | 20.49 -0.31 0.00 | 23.58 -0.42 1.24 | 41.27 -0.54 0.00 | 24.52 -0.45 0.00 | 21.87 -0.35 0.00 | 23.27 -0.35 0.00 | 23.18 -0.36 0.00 | 21.67 -0.47 0.00 | 22.00 -0.52 0.00 | 21.77 -0.50 0.00 | 24.47 -0.40 0.00 | 26.56 -0.08 0.00 | 34.32 -0.21 0.00 | 57.42 -0.59 0.00 | -14.16 -0.90 48.60 | -19.78 -0.59 44.65 | -24.32 -0.64 47.10 | -24.15 -0.62 44.49 | -19.95 -0.61 37.07 |
| CHAUTAUQUA___LFGE 323629 | 1.13 -1.27 20.68 | 0.13 -1.06 18.19 | 0.95 -1.14 18.34 | 8.80 -1.09 9.47 | 2.51 -1.04 16.41 | 10.23 -1.01 9.55 | 10.31 -1.14 13.78 | 26.58 -1.76 13.47 | 17.02 -0.92 7.03 | 19.59 -0.85 1.78 | 18.10 -0.84 4.68 | 22.75 -0.80 0.00 | 16.03 -0.61 5.50 | 21.84 -0.69 0.00 | 21.55 -0.70 0.02 | 23.73 -0.83 0.31 | 25.55 -1.09 0.00 | 25.69 -1.50 7.34 | 27.74 -2.43 27.84 | 19.13 -1.33 14.88 | 24.00 -1.45 0.02 | 22.66 -0.76 0.00 | 20.35 -0.62 0.00 | 16.93 -0.80 0.00 |
| CHERRYST_13_KV_LD 356241 | 24.34 1.27 0.00 | 20.44 1.06 0.00 | 21.55 1.12 0.00 | 20.42 1.07 0.00 | 21.08 1.12 0.00 | 21.98 1.18 0.00 | 26.77 1.52 0.00 | 44.47 2.66 0.00 | 26.74 1.77 0.00 | 23.89 1.67 0.00 | 25.55 1.92 0.00 | 25.55 2.01 0.00 | 24.12 1.97 0.00 | 24.53 2.00 0.00 | 24.30 2.03 0.00 | 27.05 2.18 0.00 | 28.85 2.21 0.00 | 37.26 2.74 0.00 | 62.47 4.46 0.00 | 37.99 2.65 0.00 | 27.33 1.87 0.00 | 25.09 1.68 0.00 | 22.43 1.45 0.00 | 19.00 1.28 0.00 |

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|--------------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| CHESTROR_138KV_BK263 355645 | 24.18 1.10 0.00 | 20.29 0.91 0.00 | 21.38 0.94 0.00 | 20.25 0.90 0.00 | 20.91 0.95 0.00 | 21.82 1.03 0.00 | 26.58 1.34 0.00 | 44.16 2.35 0.00 | 26.46 1.50 0.00 | 23.56 1.35 0.00 | 25.10 1.48 0.00 | 25.06 1.52 0.00 | 23.60 1.45 0.00 | 24.01 1.48 0.00 | 23.78 1.51 0.00 | 26.56 1.68 0.00 | 28.41 1.77 0.00 | 36.81 2.29 0.00 | 61.90 3.90 0.00 | 37.66 2.33 0.00 | 27.02 1.56 0.00 | 24.82 1.40 0.00 | 22.17 1.20 0.00 | 18.77 1.04 0.00 |
| CH_MIDHUDSON___DRP 24192 | 24.19 1.12 0.00 | 20.29 0.91 0.00 | 21.37 0.94 0.00 | 20.25 0.89 0.00 | 20.89 0.93 0.00 | 21.81 1.01 0.00 | 26.55 1.30 0.00 | 44.09 2.28 0.00 | 26.44 1.47 0.00 | 23.58 1.36 0.00 | 25.15 1.53 0.00 | 25.11 1.57 0.00 | 23.65 1.50 0.00 | 24.04 1.51 0.00 | 23.80 1.53 0.00 | 26.57 1.70 0.00 | 28.38 1.74 0.00 | 36.77 2.25 0.00 | 61.80 3.79 0.00 | 37.62 2.28 0.00 | 27.02 1.56 0.00 | 24.80 1.39 0.00 | 22.16 1.19 0.00 | 18.77 1.05 0.00 |
| CH_MISC_IPPS 23765 | 24.34 1.26 0.00 | 20.42 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.94 1.15 0.00 | 26.73 1.49 0.00 | 44.43 2.62 0.00 | 26.64 1.67 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.23 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |
| CH_RES_BVR_FALLS 23983 | -38.66 -0.47 61.27 | -38.73 -0.41 57.70 | -29.17 -0.43 49.17 | -0.41 -0.42 19.35 | -38.71 -0.45 58.23 | -38.70 -0.46 59.04 | -38.62 -0.56 63.30 | -23.11 -0.90 64.02 | -11.52 -0.58 35.91 | 21.75 -0.46 0.00 | 23.23 -0.39 0.00 | 23.16 -0.38 0.00 | 21.76 -0.38 0.00 | 22.17 -0.35 0.00 | 21.90 -0.37 0.00 | 24.50 -0.38 0.00 | 26.30 -0.35 0.00 | 34.10 -0.42 0.00 | 57.11 -0.90 0.00 | 32.92 -0.77 1.64 | 23.36 -0.59 1.51 | 21.23 -0.59 1.60 | 18.93 -0.53 1.51 | -30.15 -0.39 47.48 |
| CH_RES_NIAGARA 23895 | 4.26 -1.64 17.18 | 2.95 -1.32 15.12 | 3.73 -1.47 15.24 | 10.02 -1.47 7.87 | 4.87 -1.45 13.64 | 11.33 -1.53 7.94 | 12.10 -1.69 11.46 | 27.64 -2.97 11.19 | 17.58 -1.54 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.57 0.00 | 15.77 -1.31 5.07 | 20.98 -1.55 0.00 | 20.64 -1.60 0.02 | 22.77 -1.82 0.28 | 24.51 -2.13 0.00 | 25.40 -2.99 6.13 | 29.22 -5.13 23.66 | 19.84 -2.65 12.84 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.92 -1.06 0.00 | 16.55 -1.18 0.00 |
| CH_RES_SYRACUSE 23985 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.05 -0.38 0.00 | 19.01 -0.35 0.00 | 19.60 -0.36 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.44 0.00 | 24.53 -0.44 0.00 | 21.79 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.53 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.35 -0.52 0.00 | 26.15 -0.50 0.00 | 33.90 -0.62 0.00 | 56.99 -1.01 0.00 | 34.74 -0.59 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| CLINTON_WT_PWR 323605 | 22.72 -0.36 0.00 | 19.05 -0.33 0.00 | 20.04 -0.39 0.00 | 19.03 -0.32 0.00 | 19.56 -0.40 0.00 | 20.42 -0.38 0.00 | 23.42 -0.51 1.31 | 41.06 -0.75 0.00 | 24.43 -0.53 0.00 | 21.81 -0.40 0.00 | 23.24 -0.38 0.00 | 23.16 -0.38 0.00 | 21.66 -0.48 0.00 | 22.01 -0.51 0.00 | 21.80 -0.47 0.00 | 24.47 -0.41 0.00 | 26.52 -0.12 0.00 | 34.24 -0.28 0.00 | 57.25 -0.76 0.00 | -10.90 -1.11 45.13 | -16.75 -0.75 41.46 | -21.11 -0.79 43.74 | -21.11 -0.76 41.32 | -21.08 -0.71 38.10 |
| CLINTON___LFGE 323618 | 23.02 -0.05 0.00 | 19.29 -0.09 0.00 | 20.30 -0.13 0.00 | 19.28 -0.08 0.00 | 19.80 -0.16 0.00 | 20.68 -0.12 0.00 | 23.76 -0.18 1.30 | 41.67 -0.14 0.00 | 24.80 -0.16 0.00 | 22.11 -0.10 0.00 | 23.57 -0.05 0.00 | 23.50 -0.04 0.00 | 21.96 -0.19 0.00 | 22.28 -0.24 0.00 | 22.09 -0.17 0.00 | 24.86 -0.01 0.00 | 26.95 0.31 0.00 | 34.86 0.34 0.00 | 58.29 0.29 0.00 | -11.14 -0.43 46.03 | -17.13 -0.29 42.30 | -21.55 -0.34 44.62 | -21.56 -0.38 42.15 | -20.55 -0.44 37.83 |
| COBBLENY_34_KV_TB1 80064 | 1.76 -0.93 20.38 | 0.71 -0.74 17.93 | 1.52 -0.84 18.08 | 9.17 -0.85 9.34 | 2.97 -0.82 16.18 | 10.56 -0.82 9.42 | 10.83 -0.83 13.59 | 27.25 -1.28 13.28 | 17.46 -0.58 6.93 | 19.85 -0.63 1.74 | 18.39 -0.65 4.58 | 22.86 -0.68 0.00 | 16.29 -0.51 5.35 | 21.89 -0.63 0.00 | 21.59 -0.66 0.02 | 23.81 -0.76 0.30 | 25.71 -0.93 0.00 | 25.93 -1.37 7.23 | 28.47 -2.21 27.32 | 19.73 -1.05 14.56 | 24.34 -1.11 0.02 | 22.95 -0.46 0.00 | 20.65 -0.32 0.00 | 17.14 -0.58 0.00 |
| COFFEEN___115KV_TB3 355620 | 22.76 -0.32 0.00 | 19.10 -0.28 0.00 | 20.13 -0.31 0.00 | 19.07 -0.29 0.00 | 19.67 -0.30 0.00 | 20.63 -0.16 0.00 | 25.32 0.20 0.12 | 42.32 0.51 0.00 | 25.13 0.16 0.00 | 22.06 -0.16 0.00 | 23.58 -0.03 0.00 | 23.04 -0.51 0.00 | 21.40 -0.75 0.00 | 21.78 -0.75 0.00 | 21.64 -0.63 0.00 | 24.42 -0.45 0.00 | 27.13 0.48 0.00 | 35.51 0.99 0.00 | 60.50 2.50 0.00 | 43.97 0.88 -7.76 | 32.82 0.23 -7.13 | 31.00 0.07 -7.52 | 27.97 -0.10 -7.10 | 16.11 -0.19 1.43 |
| COLDSPRG_115KV_BK1 355956 | -0.22 -0.67 22.63 | -1.04 -0.52 19.91 | -0.24 -0.61 20.07 | 8.41 -0.58 10.37 | 1.50 -0.50 17.96 | 9.89 -0.46 10.45 | 9.78 -0.38 15.08 | 26.65 -0.42 14.74 | 17.24 -0.09 7.63 | 20.83 -0.12 1.27 | 20.00 -0.05 3.57 | 23.45 -0.10 0.00 | 19.26 0.12 3.01 | 22.53 0.01 0.00 | 22.24 -0.02 0.01 | 24.63 -0.07 0.17 | 26.37 -0.27 0.00 | 26.36 -0.41 7.76 | 30.29 -0.62 27.09 | 22.10 -0.23 13.01 | 24.71 -0.75 0.01 | 23.31 -0.11 0.00 | 20.92 -0.05 0.00 | 17.38 -0.35 0.00 |
| COLONIE_LFGE___ 323577 | 24.12 1.04 0.00 | 20.20 0.81 0.00 | 21.30 0.87 0.00 | 20.19 0.83 0.00 | 20.83 0.86 0.00 | 21.75 0.96 0.00 | 26.46 1.22 0.00 | 43.82 2.01 0.00 | 26.19 1.22 0.00 | 23.32 1.10 0.00 | 24.82 1.20 0.00 | 24.72 1.18 0.00 | 23.20 1.05 0.00 | 23.57 1.04 0.00 | 23.27 1.00 0.00 | 26.04 1.17 0.00 | 27.76 1.11 0.00 | 36.07 1.55 0.00 | 60.68 2.68 0.00 | 37.01 1.68 0.00 | 26.67 1.21 0.00 | 24.48 1.06 0.00 | 21.89 0.92 0.00 | 18.52 0.79 0.00 |
| COOPERNY_115KV_TB1 80082 | 27.90 0.60 -4.22 | 23.60 0.50 -3.71 | 24.71 0.53 -3.74 | 21.80 0.51 -1.93 | 23.85 0.54 -3.35 | 23.31 0.57 -1.95 | 28.80 0.75 -2.81 | 45.87 1.31 -2.75 | 27.22 0.84 -1.40 | 23.10 0.77 -0.11 | 24.86 0.87 -0.37 | 24.45 0.90 0.00 | 23.02 0.87 0.00 | 23.41 0.88 0.00 | 23.17 0.90 0.00 | 25.85 0.98 0.00 | 27.65 1.00 0.00 | 37.20 1.28 -1.40 | 64.72 2.19 -4.53 | 38.50 1.31 -1.87 | 26.29 0.83 0.00 | 24.17 0.75 0.00 | 21.62 0.64 0.00 | 18.30 0.57 0.00 |
| COPENHAGEN_WT_PWR 323753 | 22.26 -0.81 0.00 | 18.70 -0.69 0.00 | 19.71 -0.72 0.00 | 18.67 -0.69 0.00 | 19.25 -0.71 0.00 | 20.18 -0.61 0.00 | 24.76 -0.37 0.11 | 41.31 -0.49 0.00 | 24.53 -0.44 0.00 | 21.57 -0.65 0.00 | 23.16 -0.46 0.00 | 22.64 -0.91 0.00 | 21.05 -1.10 0.00 | 21.48 -1.05 0.00 | 21.29 -0.98 0.00 | 24.00 -0.87 0.00 | 26.63 -0.02 0.00 | 34.79 0.26 0.00 | 59.20 1.20 0.00 | 42.68 0.00 -7.34 | 31.81 -0.39 -6.74 | 30.04 -0.49 -7.11 | 27.11 -0.57 -6.71 | 15.83 -0.56 1.34 |
| CORNELL_____ 23752 | 139.33 0.46 -115.80 | 121.63 0.36 -101.88 | 123.52 0.39 -102.70 | 72.80 0.38 -53.05 | 112.31 0.42 -91.93 | 74.80 0.51 -53.50 | 103.18 0.73 -77.21 | 118.77 1.51 -75.45 | 64.49 0.87 -38.66 | 26.43 0.61 -3.61 | 35.80 0.51 -11.66 | 24.08 0.53 0.00 | 25.51 0.60 -2.76 | 23.16 0.63 0.00 | 22.95 0.67 -0.01 | 25.75 0.72 -0.16 | 27.55 0.91 0.00 | 74.66 1.45 -38.69 | 187.97 2.64 -127.33 | 90.98 1.41 -54.24 | 25.74 0.27 -0.01 | 23.73 0.32 0.00 | 21.21 0.24 0.00 | 17.84 0.12 0.00 |

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| CORONA__69_KV_TB1 355595 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.43 0.99 0.00 | 20.32 0.96 0.00 | 20.98 1.01 0.00 | 21.96 1.16 0.00 | 26.67 1.43 0.00 | 44.10 2.29 0.00 | 26.52 1.55 0.00 | 23.79 1.58 0.00 | 25.53 1.91 0.00 | 25.46 1.91 0.00 | 23.96 1.81 0.00 | 24.26 1.73 0.00 | 23.88 1.61 0.00 | 26.47 1.60 0.00 | 28.28 1.64 0.00 | 36.79 2.26 0.00 | 61.75 3.75 0.00 | 37.57 2.24 0.00 | 27.08 1.62 0.00 | 24.91 1.50 0.00 | 22.36 1.39 0.00 | 18.91 1.18 0.00 |
| CORTLAND__115KV_TB3 80093 | 59.21 0.24 -35.90 | 51.15 0.19 -31.58 | 52.48 0.21 -31.83 | 36.01 0.21 -16.45 | 48.69 0.22 -28.50 | 37.67 0.28 -16.59 | 49.59 0.42 -23.93 | 66.09 0.89 -23.39 | 37.48 0.53 -11.99 | 23.75 0.36 -1.17 | 27.68 0.32 -3.74 | 23.90 0.35 0.00 | 23.64 0.41 -1.09 | 22.96 0.43 0.00 | 22.73 0.46 0.00 | 25.39 0.46 -0.06 | 27.20 0.56 0.00 | 47.45 0.90 -12.02 | 99.42 1.66 -39.76 | 53.31 0.90 -17.08 | 25.55 0.09 0.00 | 23.57 0.15 0.00 | 21.07 0.10 0.00 | 17.76 0.03 0.00 |
| COXSACKIE__GT 23611 | 24.64 1.56 0.00 | 20.64 1.25 0.00 | 21.77 1.33 0.00 | 20.64 1.28 0.00 | 21.30 1.34 0.00 | 22.23 1.44 0.00 | 27.16 1.92 0.00 | 45.09 3.28 0.00 | 26.92 1.95 0.00 | 23.70 1.48 0.00 | 25.01 1.38 0.00 | 24.69 1.15 0.00 | 23.15 1.00 0.00 | 23.57 1.04 0.00 | 23.23 0.96 0.00 | 26.13 1.25 0.00 | 28.12 1.48 0.00 | 36.83 2.30 0.00 | 62.60 4.60 0.00 | 38.21 2.88 0.00 | 27.40 1.93 0.00 | 25.01 1.60 0.00 | 22.30 1.33 0.00 | 18.80 1.07 0.00 |
| CPV_VALLEY__CC1 323721 | 23.86 0.79 0.00 | 20.03 0.65 0.00 | 21.11 0.68 0.00 | 20.00 0.64 0.00 | 20.64 0.68 0.00 | 21.53 0.73 0.00 | 26.18 0.94 0.00 | 43.48 1.67 0.00 | 26.05 1.08 0.00 | 23.22 1.01 0.00 | 24.77 1.15 0.00 | 24.74 1.20 0.00 | 23.30 1.15 0.00 | 23.70 1.17 0.00 | 23.46 1.19 0.00 | 26.16 1.29 0.00 | 27.96 1.31 0.00 | 36.19 1.67 0.00 | 60.84 2.84 0.00 | 37.03 1.70 0.00 | 26.58 1.12 0.00 | 24.42 1.01 0.00 | 21.83 0.87 0.00 | 18.50 0.77 0.00 |
| CPV_VALLEY__CC2 323722 | 23.86 0.79 0.00 | 20.03 0.65 0.00 | 21.11 0.68 0.00 | 20.00 0.64 0.00 | 20.64 0.68 0.00 | 21.53 0.73 0.00 | 26.18 0.94 0.00 | 43.48 1.67 0.00 | 26.05 1.08 0.00 | 23.22 1.01 0.00 | 24.77 1.15 0.00 | 24.74 1.20 0.00 | 23.30 1.15 0.00 | 23.70 1.17 0.00 | 23.46 1.19 0.00 | 26.16 1.29 0.00 | 27.96 1.31 0.00 | 36.19 1.67 0.00 | 60.84 2.84 0.00 | 37.03 1.70 0.00 | 26.58 1.12 0.00 | 24.42 1.01 0.00 | 21.83 0.87 0.00 | 18.50 0.77 0.00 |
| CRESCENT__HYD 24018 | 24.12 1.04 0.00 | 20.20 0.81 0.00 | 21.30 0.87 0.00 | 20.19 0.83 0.00 | 20.83 0.86 0.00 | 21.75 0.96 0.00 | 26.46 1.22 0.00 | 43.82 2.01 0.00 | 26.19 1.22 0.00 | 23.32 1.10 0.00 | 24.82 1.20 0.00 | 24.72 1.18 0.00 | 23.20 1.05 0.00 | 23.57 1.04 0.00 | 23.27 1.00 0.00 | 26.04 1.17 0.00 | 27.76 1.11 0.00 | 36.07 1.55 0.00 | 60.68 2.68 0.00 | 37.01 1.68 0.00 | 26.67 1.21 0.00 | 24.48 1.06 0.00 | 21.89 0.92 0.00 | 18.52 0.79 0.00 |
| CRICKET__VALLEY_CC1 323756 | 23.95 0.88 0.00 | 20.07 0.68 0.00 | 21.13 0.70 0.00 | 20.02 0.67 0.00 | 20.65 0.69 0.00 | 21.58 0.78 0.00 | 26.25 1.01 0.00 | 43.59 1.78 0.00 | 26.13 1.17 0.00 | 23.32 1.10 0.00 | 24.89 1.27 0.00 | 24.85 1.31 0.00 | 23.39 1.24 0.00 | 23.77 1.24 0.00 | 23.52 1.25 0.00 | 26.25 1.38 0.00 | 28.04 1.40 0.00 | 36.33 1.80 0.00 | 61.07 3.07 0.00 | 37.20 1.87 0.00 | 26.72 1.26 0.00 | 24.53 1.12 0.00 | 21.93 0.96 0.00 | 18.60 0.88 0.00 |
| CRICKET__VALLEY_CC2 323757 | 23.95 0.88 0.00 | 20.07 0.68 0.00 | 21.13 0.70 0.00 | 20.02 0.67 0.00 | 20.65 0.69 0.00 | 21.58 0.78 0.00 | 26.25 1.01 0.00 | 43.59 1.78 0.00 | 26.13 1.17 0.00 | 23.32 1.10 0.00 | 24.89 1.27 0.00 | 24.85 1.31 0.00 | 23.39 1.24 0.00 | 23.77 1.24 0.00 | 23.52 1.25 0.00 | 26.25 1.38 0.00 | 28.04 1.40 0.00 | 36.33 1.80 0.00 | 61.07 3.07 0.00 | 37.20 1.87 0.00 | 26.72 1.26 0.00 | 24.53 1.12 0.00 | 21.93 0.96 0.00 | 18.60 0.88 0.00 |
| CRICKET__VALLEY_CC3 323758 | 23.95 0.88 0.00 | 20.07 0.68 0.00 | 21.13 0.70 0.00 | 20.02 0.67 0.00 | 20.65 0.69 0.00 | 21.58 0.78 0.00 | 26.25 1.01 0.00 | 43.59 1.78 0.00 | 26.13 1.17 0.00 | 23.32 1.10 0.00 | 24.89 1.27 0.00 | 24.85 1.31 0.00 | 23.39 1.24 0.00 | 23.77 1.24 0.00 | 23.52 1.25 0.00 | 26.25 1.38 0.00 | 28.04 1.40 0.00 | 36.33 1.80 0.00 | 61.07 3.07 0.00 | 37.20 1.87 0.00 | 26.72 1.26 0.00 | 24.53 1.12 0.00 | 21.93 0.96 0.00 | 18.60 0.88 0.00 |
| CRUCIBLE_METL_DRP 24180 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| DAHOWA__HYDRO 323763 | 24.39 1.32 0.00 | 20.39 1.00 0.00 | 21.52 1.09 0.00 | 20.40 1.04 0.00 | 21.06 1.10 0.00 | 22.05 1.25 0.00 | 26.89 1.65 0.00 | 44.59 2.78 0.00 | 26.62 1.65 0.00 | 23.61 1.39 0.00 | 25.09 1.47 0.00 | 24.90 1.36 0.00 | 23.35 1.21 0.00 | 23.69 1.17 0.00 | 23.38 1.11 0.00 | 26.22 1.35 0.00 | 28.07 1.43 0.00 | 36.61 2.09 0.00 | 61.61 3.60 0.00 | 37.57 2.23 0.00 | 26.99 1.53 0.00 | 24.79 1.37 0.00 | 22.19 1.21 0.00 | 18.72 1.00 0.00 |
| DANC__LFGE 323619 | 22.34 -0.74 0.00 | 18.76 -0.62 0.00 | 19.77 -0.66 0.00 | 18.73 -0.63 0.00 | 19.31 -0.65 0.00 | 20.19 -0.61 0.00 | 24.64 -0.52 0.07 | 41.00 -0.82 0.00 | 24.41 -0.56 0.00 | 21.58 -0.64 0.00 | 23.06 -0.56 0.00 | 22.69 -0.85 0.00 | 21.21 -0.94 0.00 | 21.60 -0.92 0.00 | 21.40 -0.86 0.00 | 24.02 -0.86 0.00 | 26.32 -0.32 0.00 | 34.26 -0.26 0.00 | 58.08 0.08 0.00 | 39.99 -0.39 -5.04 | 29.59 -0.49 -4.62 | 27.80 -0.49 -4.88 | 25.08 -0.50 -4.61 | 16.41 -0.48 0.84 |
| DANSKAMMER__1 23586 | 24.34 1.26 0.00 | 20.42 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.94 1.15 0.00 | 26.73 1.49 0.00 | 44.43 2.62 0.00 | 26.64 1.67 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.23 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |
| DANSKAMMER__2 23589 | 24.34 1.26 0.00 | 20.42 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.94 1.15 0.00 | 26.73 1.49 0.00 | 44.43 2.62 0.00 | 26.64 1.67 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.23 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |
| DANSKAMMER__3 23590 | 24.34 1.26 0.00 | 20.42 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.94 1.15 0.00 | 26.73 1.49 0.00 | 44.43 2.62 0.00 | 26.64 1.67 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.23 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |

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| DANSKAMMER___4 23591 | 24.34 1.26 0.00 | 20.42 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.94 1.15 0.00 | 26.73 1.49 0.00 | 44.43 2.62 0.00 | 26.64 1.67 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.23 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.73 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |
| DANSKAMMER___DIESEL 23592 | 24.34 1.26 0.00 | 20.41 1.02 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.02 1.06 0.00 | 21.95 1.15 0.00 | 26.74 1.49 0.00 | 44.43 2.62 0.00 | 26.63 1.66 0.00 | 23.73 1.51 0.00 | 25.30 1.68 0.00 | 25.26 1.72 0.00 | 23.78 1.64 0.00 | 24.19 1.66 0.00 | 23.96 1.69 0.00 | 26.76 1.88 0.00 | 28.60 1.96 0.00 | 37.05 2.53 0.00 | 62.24 4.23 0.00 | 37.88 2.55 0.00 | 27.19 1.74 0.00 | 24.96 1.55 0.00 | 22.29 1.32 0.00 | 18.87 1.14 0.00 |
| DARBY___SOLAR 323810 | 24.30 1.23 0.00 | 20.32 0.94 0.00 | 21.45 1.01 0.00 | 20.32 0.97 0.00 | 20.98 1.02 0.00 | 21.95 1.15 0.00 | 26.76 1.51 0.00 | 44.36 2.55 0.00 | 26.48 1.51 0.00 | 23.49 1.27 0.00 | 24.97 1.35 0.00 | 24.78 1.24 0.00 | 23.25 1.10 0.00 | 23.59 1.07 0.00 | 23.29 1.02 0.00 | 26.12 1.25 0.00 | 27.97 1.33 0.00 | 36.46 1.93 0.00 | 61.34 3.33 0.00 | 37.40 2.07 0.00 | 26.88 1.42 0.00 | 24.69 1.28 0.00 | 22.10 1.13 0.00 | 18.66 0.93 0.00 |
| DASHVILLE___HYD 23610 | 24.00 0.93 0.00 | 20.14 0.76 0.00 | 21.23 0.79 0.00 | 20.10 0.75 0.00 | 20.75 0.78 0.00 | 21.62 0.82 0.00 | 26.30 1.06 0.00 | 43.70 1.89 0.00 | 26.21 1.24 0.00 | 23.39 1.18 0.00 | 24.93 1.31 0.00 | 24.90 1.36 0.00 | 23.46 1.31 0.00 | 23.85 1.33 0.00 | 23.66 1.39 0.00 | 26.44 1.57 0.00 | 28.23 1.59 0.00 | 36.54 2.02 0.00 | 61.39 3.39 0.00 | 37.34 2.01 0.00 | 26.81 1.35 0.00 | 24.63 1.21 0.00 | 22.00 1.03 0.00 | 18.65 0.92 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 24.02 0.94 0.00 | 20.18 0.79 0.00 | 21.17 0.74 0.00 | 20.14 0.79 0.00 | 20.91 0.95 0.00 | 22.24 1.45 0.00 | 27.27 2.03 0.00 | 44.78 2.97 0.00 | 26.98 2.01 0.00 | 24.10 1.88 0.00 | 25.83 2.21 0.00 | 25.73 2.19 0.00 | 24.11 1.96 0.00 | 24.25 1.72 0.00 | 23.57 1.30 0.00 | 13.42 1.37 12.83 | 25.90 1.70 2.45 | 36.88 2.35 0.00 | 60.51 3.67 1.16 | 37.46 2.13 0.00 | 27.06 1.60 0.00 | 24.74 1.32 0.00 | 22.27 1.30 0.00 | 18.82 1.09 0.00 |
| DELAWARE___LFGE 323621 | 30.71 0.49 -7.14 | 26.09 0.42 -6.29 | 27.23 0.45 -6.34 | 23.07 0.44 -3.28 | 26.10 0.46 -5.67 | 24.57 0.47 -3.30 | 30.64 0.64 -4.76 | 47.62 1.15 -4.66 | 28.07 0.73 -2.38 | 23.04 0.64 -0.18 | 24.94 0.69 -0.63 | 24.25 0.71 0.00 | 22.86 0.71 0.00 | 23.26 0.73 0.00 | 23.03 0.76 0.00 | 25.69 0.81 0.00 | 27.50 0.86 0.00 | 38.01 1.11 -2.37 | 67.59 1.89 -7.70 | 39.61 1.12 -3.16 | 26.01 0.55 0.00 | 23.95 0.53 0.00 | 21.43 0.45 0.00 | 18.10 0.37 0.00 |
| DERFIELD_115KV_TB7 355931 | 23.14 0.07 0.00 | 19.44 0.06 0.00 | 20.51 0.08 0.00 | 19.44 0.08 0.00 | 20.04 0.08 0.00 | 20.86 0.07 0.00 | 25.40 0.08 -0.08 | 41.95 0.14 0.00 | 25.09 0.12 0.00 | 22.33 0.11 0.00 | 23.74 0.12 0.00 | 23.66 0.12 0.00 | 22.26 0.11 0.00 | 22.64 0.11 0.00 | 22.38 0.11 0.00 | 25.00 0.12 0.00 | 26.76 0.12 0.00 | 34.69 0.16 0.00 | 58.29 0.29 0.00 | 35.51 0.17 0.00 | 25.58 0.12 0.00 | 23.51 0.09 0.00 | 21.06 0.09 0.00 | 19.60 0.08 -1.79 |
| DOGLEVILLE___HYD 23807 | 23.54 0.47 0.00 | 19.73 0.34 0.00 | 20.84 0.41 0.00 | 19.79 0.43 0.00 | 20.41 0.44 0.00 | 21.28 0.49 0.00 | 26.01 0.69 -0.08 | 43.09 1.28 0.00 | 25.64 0.67 0.00 | 22.76 0.54 0.00 | 24.00 0.38 0.00 | 23.75 0.20 0.00 | 22.32 0.17 0.00 | 22.69 0.16 0.00 | 22.40 0.13 0.00 | 25.22 0.35 0.00 | 26.81 0.17 0.00 | 35.16 0.64 0.00 | 59.31 1.31 0.00 | 36.23 0.90 0.00 | 26.01 0.55 0.00 | 23.83 0.42 0.00 | 21.25 0.27 0.00 | 19.74 0.22 -1.79 |
| DUNKIRK___115KV_TB_200 55889 | 1.25 -1.22 20.61 | 0.27 -0.99 18.13 | 1.08 -1.08 18.27 | 8.87 -1.05 9.44 | 2.60 -1.00 16.36 | 10.29 -0.98 9.52 | 10.40 -1.11 13.74 | 26.66 -1.72 13.42 | 17.08 -0.89 7.00 | 19.58 -0.84 1.80 | 18.07 -0.83 4.72 | 22.75 -0.79 0.00 | 15.94 -0.61 5.60 | 21.84 -0.68 0.00 | 21.56 -0.69 0.02 | 23.71 -0.84 0.32 | 25.55 -1.09 0.00 | 25.70 -1.50 7.32 | 27.72 -2.42 27.86 | 19.10 -1.28 14.95 | 24.02 -1.42 0.02 | 22.69 -0.73 0.00 | 20.39 -0.58 0.00 | 16.94 -0.78 0.00 |
| DUNKIRK___1 23563 | 1.25 -1.22 20.61 | 0.27 -0.99 18.13 | 1.08 -1.08 18.27 | 8.87 -1.05 9.44 | 2.60 -1.00 16.36 | 10.29 -0.98 9.52 | 10.40 -1.11 13.74 | 26.66 -1.72 13.42 | 17.08 -0.89 7.00 | 19.58 -0.84 1.80 | 18.07 -0.83 4.72 | 22.75 -0.79 0.00 | 15.94 -0.61 5.60 | 21.84 -0.68 0.00 | 21.56 -0.69 0.02 | 23.71 -0.84 0.32 | 25.55 -1.09 0.00 | 25.70 -1.50 7.32 | 27.72 -2.42 27.86 | 19.10 -1.28 14.95 | 24.02 -1.42 0.02 | 22.69 -0.73 0.00 | 20.39 -0.58 0.00 | 16.94 -0.78 0.00 |
| DUNKIRK___2 23564 | 1.25 -1.22 20.61 | 0.27 -0.99 18.13 | 1.08 -1.08 18.27 | 8.87 -1.05 9.44 | 2.60 -1.00 16.36 | 10.29 -0.98 9.52 | 10.40 -1.11 13.74 | 26.66 -1.72 13.42 | 17.08 -0.89 7.00 | 19.58 -0.84 1.80 | 18.07 -0.83 4.72 | 22.75 -0.79 0.00 | 15.94 -0.61 5.60 | 21.84 -0.68 0.00 | 21.56 -0.69 0.02 | 23.71 -0.84 0.32 | 25.55 -1.09 0.00 | 25.70 -1.50 7.32 | 27.72 -2.42 27.86 | 19.10 -1.28 14.95 | 24.02 -1.42 0.02 | 22.69 -0.73 0.00 | 20.39 -0.58 0.00 | 16.94 -0.78 0.00 |
| DUNKIRK___3 23565 | 1.74 -1.17 20.17 | 0.70 -0.94 17.74 | 1.51 -1.04 17.88 | 9.11 -1.01 9.24 | 2.98 -0.97 16.01 | 10.52 -0.96 9.32 | 10.72 -1.08 13.44 | 26.99 -1.68 13.14 | 17.25 -0.86 6.87 | 19.48 -0.83 1.91 | 17.83 -0.82 4.97 | 22.75 -0.79 0.00 | 15.39 -0.60 6.16 | 21.84 -0.69 0.00 | 21.55 -0.69 0.02 | 23.68 -0.85 0.35 | 25.57 -1.07 0.00 | 25.80 -1.49 7.23 | 27.59 -2.38 28.03 | 18.71 -1.25 15.37 | 24.05 -1.39 0.02 | 22.71 -0.71 0.00 | 20.41 -0.56 0.00 | 16.97 -0.76 0.00 |
| DUNKIRK___4 23566 | 1.74 -1.17 20.17 | 0.70 -0.94 17.74 | 1.51 -1.04 17.88 | 9.11 -1.01 9.24 | 2.98 -0.97 16.01 | 10.52 -0.96 9.32 | 10.72 -1.08 13.44 | 26.99 -1.68 13.14 | 17.25 -0.86 6.87 | 19.48 -0.83 1.91 | 17.83 -0.82 4.97 | 22.75 -0.79 0.00 | 15.39 -0.60 6.16 | 21.84 -0.69 0.00 | 21.55 -0.69 0.02 | 23.68 -0.85 0.35 | 25.57 -1.07 0.00 | 25.80 -1.49 7.23 | 27.59 -2.38 28.03 | 18.71 -1.25 15.37 | 24.05 -1.39 0.02 | 22.71 -0.71 0.00 | 20.41 -0.56 0.00 | 16.97 -0.76 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 24.22 1.15 0.00 | 20.33 0.94 0.00 | 21.41 0.98 0.00 | 20.27 0.92 0.00 | 20.92 0.96 0.00 | 21.83 1.03 0.00 | 26.57 1.33 0.00 | 44.16 2.35 0.00 | 26.52 1.55 0.00 | 23.68 1.46 0.00 | 25.30 1.68 0.00 | 25.29 1.75 0.00 | 23.83 1.69 0.00 | 24.23 1.71 0.00 | 23.98 1.71 0.00 | 26.70 1.83 0.00 | 28.50 1.85 0.00 | 36.86 2.33 0.00 | 61.89 3.89 0.00 | 37.66 2.33 0.00 | 27.08 1.62 0.00 | 24.87 1.46 0.00 | 22.24 1.26 0.00 | 18.85 1.12 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 24.22 1.14 0.00 | 20.31 0.93 0.00 | 21.40 0.97 0.00 | 20.28 0.92 0.00 | 20.93 0.97 0.00 | 21.84 1.05 0.00 | 26.61 1.36 0.00 | 44.20 2.40 0.00 | 26.50 1.53 0.00 | 23.61 1.39 0.00 | 25.16 1.54 0.00 | 25.12 1.58 0.00 | 23.66 1.51 0.00 | 24.06 1.53 0.00 | 23.84 1.57 0.00 | 26.62 1.75 0.00 | 28.44 1.80 0.00 | 36.85 2.33 0.00 | 61.85 3.85 0.00 | 37.64 2.31 0.00 | 27.01 1.55 0.00 | 24.81 1.39 0.00 | 22.16 1.19 0.00 | 18.77 1.04 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 24.17 1.09 0.00 | 20.30 0.91 0.00 | 21.42 0.99 0.00 | 20.32 0.96 0.00 | 20.97 1.01 0.00 | 21.86 1.06 0.00 | 26.63 1.39 0.00 | 44.14 2.33 0.00 | 26.57 1.60 0.00 | 23.68 1.46 0.00 | 25.32 1.70 0.00 | 25.27 1.73 0.00 | 23.86 1.71 0.00 | 24.25 1.72 0.00 | 24.02 1.75 0.00 | 26.75 1.88 0.00 | 28.55 1.91 0.00 | 36.92 2.40 0.00 | 62.00 4.00 0.00 | 37.83 2.50 0.00 | 27.20 1.74 0.00 | 24.94 1.53 0.00 | 22.30 1.32 0.00 | 18.90 1.17 0.00 |
| E179THST_13_KV_LOAD 356214 | 24.26 1.18 0.00 | 20.37 0.99 0.00 | 21.50 1.07 0.00 | 20.38 1.03 0.00 | 21.03 1.07 0.00 | 21.93 1.13 0.00 | 26.72 1.48 0.00 | 44.33 2.52 0.00 | 26.68 1.72 0.00 | 23.78 1.56 0.00 | 25.43 1.81 0.00 | 25.38 1.84 0.00 | 23.97 1.82 0.00 | 24.36 1.84 0.00 | 24.13 1.86 0.00 | 26.88 2.00 0.00 | 28.68 2.04 0.00 | 37.10 2.58 0.00 | 62.30 4.29 0.00 | 38.01 2.68 0.00 | 27.33 1.86 0.00 | 25.06 1.64 0.00 | 22.39 1.42 0.00 | 18.97 1.25 0.00 |
| EAST HAMPTON___GT 23717 | 23.49 0.42 0.00 | 19.74 0.36 0.00 | 20.72 0.29 0.00 | 19.78 0.42 0.00 | 20.64 0.68 0.00 | 22.20 1.40 0.00 | 27.40 2.16 0.00 | 44.92 3.11 0.00 | 27.13 2.16 0.00 | 24.09 1.88 0.00 | 25.82 2.20 0.00 | 25.76 2.22 0.00 | 24.06 1.91 0.00 | 24.12 1.59 0.00 | 23.37 1.10 0.00 | 13.11 1.07 12.82 | 25.70 1.51 2.45 | 36.52 2.00 0.00 | 59.77 2.92 1.16 | 36.97 1.64 0.00 | 26.69 1.22 0.00 | 24.29 0.87 0.00 | 21.85 0.88 0.00 | 18.45 0.72 0.00 |
| EAST RIVER___6 23660 | 24.31 1.23 0.00 | 20.41 1.03 0.00 | 21.51 1.08 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.40 2.59 0.00 | 26.71 1.74 0.00 | 23.84 1.63 0.00 | 25.50 1.88 0.00 | 25.50 1.95 0.00 | 24.08 1.94 0.00 | 24.50 1.98 0.00 | 24.28 2.01 0.00 | 27.03 2.16 0.00 | 28.85 2.20 0.00 | 37.26 2.73 0.00 | 62.46 4.46 0.00 | 37.99 2.65 0.00 | 27.33 1.87 0.00 | 25.09 1.68 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| EAST RIVER___7 23524 | 24.31 1.23 0.00 | 20.41 1.03 0.00 | 21.51 1.08 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.40 2.59 0.00 | 26.71 1.74 0.00 | 23.84 1.63 0.00 | 25.50 1.88 0.00 | 25.50 1.95 0.00 | 24.08 1.94 0.00 | 24.50 1.98 0.00 | 24.28 2.01 0.00 | 27.03 2.16 0.00 | 28.85 2.20 0.00 | 37.26 2.73 0.00 | 62.46 4.46 0.00 | 37.99 2.65 0.00 | 27.33 1.87 0.00 | 25.09 1.68 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 24.19 1.12 0.00 | 20.30 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.90 0.00 | 20.91 0.95 0.00 | 21.82 1.02 0.00 | 26.55 1.31 0.00 | 44.09 2.28 0.00 | 26.47 1.50 0.00 | 23.63 1.42 0.00 | 25.25 1.62 0.00 | 25.23 1.69 0.00 | 23.78 1.63 0.00 | 24.17 1.64 0.00 | 23.92 1.65 0.00 | 26.65 1.78 0.00 | 28.45 1.80 0.00 | 36.81 2.28 0.00 | 61.83 3.82 0.00 | 37.62 2.29 0.00 | 27.04 1.58 0.00 | 24.84 1.43 0.00 | 22.20 1.23 0.00 | 18.81 1.08 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 23.41 0.33 0.00 | 19.67 0.28 0.00 | 20.65 0.22 0.00 | 19.72 0.36 0.00 | 20.59 0.62 0.00 | 22.17 1.37 0.00 | 27.40 2.15 0.00 | 44.91 3.09 0.00 | 27.12 2.15 0.00 | 24.07 1.86 0.00 | 25.80 2.18 0.00 | 25.75 2.20 0.00 | 24.03 1.88 0.00 | 24.09 1.56 0.00 | 23.32 1.06 0.00 | 13.06 1.01 12.83 | 25.65 1.46 2.45 | 36.45 1.93 0.00 | 59.63 2.78 1.16 | 36.87 1.54 0.00 | 26.62 1.15 0.00 | 24.21 0.79 0.00 | 21.78 0.80 0.00 | 18.39 0.66 0.00 |
| EAST_POINT___SOLAR 323840 | 24.34 1.27 0.00 | 20.44 1.06 0.00 | 21.54 1.11 0.00 | 20.39 1.03 0.00 | 21.05 1.09 0.00 | 22.00 1.20 0.00 | 26.80 1.56 0.00 | 44.65 2.84 0.00 | 26.37 1.40 0.00 | 23.02 0.80 0.00 | 24.00 0.38 0.00 | 23.78 0.24 0.00 | 22.46 0.31 0.00 | 22.87 0.35 0.00 | 22.64 0.37 0.00 | 25.35 0.47 0.00 | 27.63 0.99 0.00 | 36.64 2.12 0.00 | 61.93 3.93 0.00 | 37.73 2.40 0.00 | 27.06 1.60 0.00 | 24.87 1.46 0.00 | 22.21 1.24 0.00 | 18.73 1.01 0.00 |
| EAST_PULASKI___ESR 323781 | 22.43 -0.65 0.00 | 18.85 -0.54 0.00 | 19.85 -0.58 0.00 | 18.80 -0.55 0.00 | 19.40 -0.56 0.00 | 20.22 -0.58 0.00 | 24.58 -0.63 0.04 | 40.73 -1.08 0.00 | 24.35 -0.62 0.00 | 21.61 -0.61 0.00 | 22.98 -0.64 0.00 | 22.77 -0.77 0.00 | 21.38 -0.76 0.00 | 21.76 -0.77 0.00 | 21.54 -0.73 0.00 | 24.06 -0.81 0.00 | 26.05 -0.59 0.00 | 33.80 -0.73 0.00 | 57.04 -0.96 0.00 | 37.33 -0.73 -2.73 | 27.40 -0.55 -2.49 | 25.58 -0.47 -2.63 | 23.04 -0.41 -2.49 | 16.99 -0.39 0.35 |
| EAST_RIVER___1 323558 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.50 1.07 0.00 | 20.37 1.02 0.00 | 21.03 1.06 0.00 | 21.92 1.12 0.00 | 26.68 1.44 0.00 | 44.32 2.52 0.00 | 26.66 1.69 0.00 | 23.80 1.59 0.00 | 25.46 1.84 0.00 | 25.46 1.92 0.00 | 24.03 1.88 0.00 | 24.44 1.91 0.00 | 24.20 1.93 0.00 | 26.95 2.07 0.00 | 28.75 2.11 0.00 | 37.14 2.61 0.00 | 62.27 4.27 0.00 | 37.88 2.55 0.00 | 27.25 1.79 0.00 | 25.03 1.62 0.00 | 22.37 1.40 0.00 | 18.96 1.23 0.00 |
| EAST_RIVER___2 323559 | 24.31 1.23 0.00 | 20.41 1.03 0.00 | 21.51 1.08 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.40 2.59 0.00 | 26.71 1.74 0.00 | 23.84 1.63 0.00 | 25.50 1.88 0.00 | 25.50 1.95 0.00 | 24.08 1.94 0.00 | 24.50 1.98 0.00 | 24.28 2.01 0.00 | 27.03 2.16 0.00 | 28.85 2.20 0.00 | 37.26 2.73 0.00 | 62.46 4.46 0.00 | 37.99 2.65 0.00 | 27.33 1.87 0.00 | 25.09 1.68 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| EAST___DELAWARE_HYD 23607 | 24.29 1.21 0.00 | 20.38 1.00 0.00 | 21.47 1.04 0.00 | 20.34 0.98 0.00 | 20.99 1.03 0.00 | 21.92 1.12 0.00 | 26.71 1.47 0.00 | 44.42 2.61 0.00 | 26.59 1.62 0.00 | 23.64 1.42 0.00 | 25.13 1.50 0.00 | 25.06 1.51 0.00 | 23.58 1.43 0.00 | 24.00 1.48 0.00 | 23.79 1.52 0.00 | 26.59 1.72 0.00 | 28.49 1.85 0.00 | 36.94 2.41 0.00 | 62.18 4.17 0.00 | 37.83 2.50 0.00 | 27.12 1.66 0.00 | 24.91 1.50 0.00 | 22.25 1.27 0.00 | 18.82 1.09 0.00 |
| EIGHT_POINT___WT_PWR 323820 | -22.30 -1.71 43.66 | -20.45 -1.43 38.41 | -19.81 -1.53 38.72 | -2.18 -1.53 20.00 | -16.06 -1.37 34.66 | -0.67 -1.30 20.17 | -5.19 -1.33 29.11 | 11.18 -2.18 28.45 | 9.43 -1.32 14.22 | 24.31 -1.34 -3.43 | 28.56 -1.62 -6.56 | 21.87 -1.69 -0.01 | 41.04 -1.33 -20.22 | 21.26 -1.27 0.00 | 21.12 -1.23 -0.08 | 24.76 -1.27 -1.15 | 25.52 -1.12 0.00 | 20.64 -1.27 12.62 | 32.41 -2.75 22.84 | 36.66 -1.97 -3.29 | 23.35 -2.17 -0.06 | 21.75 -1.67 0.00 | 19.50 -1.47 0.00 | 16.39 -1.34 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 17.72 -0.57 4.79 | 14.71 -0.46 4.21 | 15.68 -0.50 4.24 | 16.69 -0.47 2.19 | 15.68 -0.48 3.80 | 18.09 -0.50 2.21 | 21.45 -0.60 3.19 | 37.55 -1.14 3.12 | 22.75 -0.62 1.59 | 21.50 -0.59 0.12 | 22.51 -0.69 0.42 | 22.85 -0.70 0.00 | 21.53 -0.62 0.00 | 21.90 -0.63 0.00 | 21.65 -0.62 0.00 | 24.16 -0.71 0.00 | 25.92 -0.72 0.00 | 32.01 -0.93 1.59 | 51.35 -1.53 5.12 | 32.33 -0.89 2.11 | 24.96 -0.50 0.00 | 23.04 -0.38 0.00 | 20.66 -0.32 0.00 | 17.43 -0.30 0.00 |
| ELEC_TRO_TEK 24086 | 24.18 1.11 0.00 | 20.31 0.92 0.00 | 21.33 0.90 0.00 | 20.23 0.88 0.00 | 20.88 0.92 0.00 | 21.86 1.06 0.00 | 26.57 1.32 0.00 | 43.92 2.11 0.00 | 26.42 1.45 0.00 | 23.67 1.46 0.00 | 25.41 1.79 0.00 | 25.33 1.78 0.00 | 23.83 1.69 0.00 | 24.13 1.61 0.00 | 23.76 1.49 0.00 | 24.01 1.50 2.36 | 27.71 1.52 0.45 | 36.60 2.08 0.00 | 61.18 3.39 0.21 | 37.35 2.02 0.00 | 26.93 1.47 0.00 | 24.77 1.36 0.00 | 22.24 1.26 0.00 | 18.82 1.09 0.00 |

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| ELLENBURG_WT_PWR 323604 | 22.72 -0.36 0.00 | 19.05 -0.33 0.00 | 20.04 -0.39 0.00 | 19.03 -0.32 0.00 | 19.56 -0.40 0.00 | 20.42 -0.38 0.00 | 23.42 -0.51 1.31 | 41.06 -0.75 0.00 | 24.43 -0.53 0.00 | 21.81 -0.40 0.00 | 23.24 -0.38 0.00 | 23.16 -0.38 0.00 | 21.66 -0.48 0.00 | 22.01 -0.51 0.00 | 21.80 -0.47 0.00 | 24.47 -0.41 0.00 | 26.52 -0.12 0.00 | 34.24 -0.28 0.00 | 57.25 -0.76 0.00 | -10.90 -1.11 45.13 | -16.75 -0.75 41.46 | -21.11 -0.79 43.74 | -21.11 -0.76 41.32 | -21.08 -0.71 38.10 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 2.96 -1.23 18.88 | 1.78 -0.99 16.61 | 2.58 -1.10 16.75 | 9.60 -1.11 8.65 | 3.90 -1.08 14.99 | 10.98 -1.09 8.73 | 11.47 -1.19 12.59 | 27.54 -1.97 12.30 | 17.54 -0.98 6.45 | 19.24 -0.97 2.01 | 17.47 -0.99 5.16 | 22.53 -1.01 0.00 | 14.58 -0.83 6.74 | 21.57 -0.96 0.00 | 21.24 -0.99 0.03 | 23.36 -1.14 0.38 | 25.29 -1.36 0.00 | 25.72 -1.96 6.85 | 27.56 -3.30 27.15 | 18.24 -1.70 15.39 | 23.92 -1.53 0.02 | 22.60 -0.82 0.00 | 20.36 -0.61 0.00 | 16.92 -0.81 0.00 |
| EMPIRE_CC_1 323656 | 24.04 0.97 0.00 | 20.16 0.78 0.00 | 21.25 0.82 0.00 | 20.14 0.79 0.00 | 20.78 0.82 0.00 | 21.69 0.89 0.00 | 26.37 1.12 0.00 | 43.64 1.84 0.00 | 26.10 1.13 0.00 | 23.26 1.05 0.00 | 24.79 1.17 0.00 | 24.71 1.17 0.00 | 23.21 1.06 0.00 | 23.59 1.07 0.00 | 23.27 1.00 0.00 | 26.03 1.15 0.00 | 27.73 1.09 0.00 | 35.99 1.47 0.00 | 60.57 2.57 0.00 | 36.96 1.62 0.00 | 26.61 1.15 0.00 | 24.42 1.01 0.00 | 21.84 0.87 0.00 | 18.50 0.77 0.00 |
| EMPIRE_CC_2 323658 | 24.04 0.97 0.00 | 20.16 0.78 0.00 | 21.25 0.82 0.00 | 20.14 0.79 0.00 | 20.78 0.82 0.00 | 21.69 0.89 0.00 | 26.37 1.12 0.00 | 43.64 1.84 0.00 | 26.10 1.13 0.00 | 23.26 1.05 0.00 | 24.79 1.17 0.00 | 24.71 1.17 0.00 | 23.21 1.06 0.00 | 23.59 1.07 0.00 | 23.27 1.00 0.00 | 26.03 1.15 0.00 | 27.73 1.09 0.00 | 35.99 1.47 0.00 | 60.57 2.57 0.00 | 36.96 1.62 0.00 | 26.61 1.15 0.00 | 24.42 1.01 0.00 | 21.84 0.87 0.00 | 18.50 0.77 0.00 |
| ENORWICH_115KV_TB1 80156 | 66.91 0.80 -43.04 | 57.92 0.67 -37.87 | 59.31 0.71 -38.17 | 39.78 0.70 -19.72 | 54.98 0.85 -34.17 | 41.77 1.09 -19.88 | 55.59 1.65 -28.70 | 72.96 3.11 -28.04 | 41.06 1.72 -14.37 | 24.90 1.25 -1.43 | 29.35 1.18 -4.55 | 24.70 1.15 0.00 | 24.79 1.20 -1.45 | 23.78 1.26 0.00 | 23.53 1.26 -0.01 | 26.32 1.36 -0.08 | 28.29 1.65 0.00 | 51.61 2.67 -14.42 | 110.51 4.62 -47.88 | 58.62 2.64 -20.65 | 26.68 1.21 0.00 | 24.55 1.14 0.00 | 21.93 0.96 0.00 | 18.37 0.65 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 2.86 -0.72 19.49 | 1.65 -0.59 17.15 | 2.46 -0.68 17.29 | 9.73 -0.70 8.93 | 3.83 -0.66 15.47 | 11.12 -0.67 9.00 | 11.61 -0.64 13.00 | 28.13 -0.97 12.70 | 17.93 -0.40 6.64 | 19.95 -0.45 1.81 | 18.45 -0.44 4.73 | 23.04 -0.50 0.00 | 16.06 -0.29 5.80 | 22.07 -0.46 0.00 | 21.75 -0.49 0.02 | 23.98 -0.56 0.33 | 25.92 -0.73 0.00 | 26.47 -1.08 6.97 | 29.44 -1.72 26.85 | 19.94 -0.76 14.62 | 24.50 -0.95 0.02 | 23.12 -0.30 0.00 | 20.79 -0.18 0.00 | 17.27 -0.46 0.00 |
| ERIE_WT_PWR 323693 | 2.56 -1.12 19.39 | 1.39 -0.93 17.06 | 2.23 -1.01 17.20 | 9.47 -1.01 8.88 | 3.58 -0.99 15.39 | 10.85 -0.99 8.96 | 11.26 -1.05 12.93 | 27.45 -1.72 12.63 | 17.49 -0.87 6.62 | 19.40 -0.85 1.97 | 17.67 -0.88 5.08 | 22.65 -0.89 0.00 | 14.96 -0.70 6.49 | 21.71 -0.82 0.00 | 21.39 -0.86 0.03 | 23.54 -0.97 0.37 | 25.47 -1.17 0.00 | 25.84 -1.69 7.00 | 27.66 -2.82 27.53 | 18.55 -1.44 15.35 | 24.07 -1.37 0.02 | 22.73 -0.68 0.00 | 20.47 -0.50 0.00 | 17.01 -0.72 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 27.62 0.64 -3.90 | 23.40 0.57 -3.43 | 24.50 0.60 -3.46 | 21.70 0.55 -1.79 | 23.66 0.60 -3.10 | 23.24 0.64 -1.80 | 28.69 0.85 -2.61 | 45.98 1.63 -2.55 | 27.24 0.97 -1.30 | 23.06 0.74 -0.10 | 24.67 0.70 -0.34 | 24.22 0.67 0.00 | 22.84 0.69 0.00 | 23.26 0.73 0.00 | 23.07 0.81 0.00 | 25.75 0.88 0.00 | 27.73 1.09 0.00 | 37.38 1.56 -1.30 | 64.77 2.56 -4.20 | 38.55 1.49 -1.73 | 26.27 0.80 0.00 | 24.19 0.78 0.00 | 21.65 0.68 0.00 | 18.28 0.56 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 122.07 0.43 -98.57 | 106.45 0.34 -86.72 | 108.22 0.37 -87.41 | 64.89 0.37 -45.16 | 98.61 0.40 -78.25 | 66.82 0.48 -45.54 | 91.65 0.69 -65.71 | 107.48 1.45 -64.22 | 58.71 0.83 -32.90 | 25.89 0.58 -3.09 | 34.09 0.49 -9.97 | 24.06 0.52 0.00 | 25.17 0.58 -2.44 | 23.14 0.61 0.00 | 22.92 0.65 -0.01 | 25.70 0.69 -0.14 | 27.51 0.86 0.00 | 68.85 1.39 -32.94 | 169.02 2.52 -108.49 | 82.97 1.36 -46.28 | 25.70 0.23 -0.01 | 23.71 0.29 0.00 | 21.19 0.22 0.00 | 17.83 0.10 0.00 |
| ETNA____115KV_TB2 80207 | 122.07 0.43 -98.57 | 106.45 0.34 -86.72 | 108.22 0.37 -87.41 | 64.89 0.37 -45.16 | 98.61 0.40 -78.25 | 66.82 0.48 -45.54 | 91.65 0.69 -65.71 | 107.48 1.45 -64.22 | 58.71 0.83 -32.90 | 25.89 0.58 -3.09 | 34.09 0.49 -9.97 | 24.06 0.52 0.00 | 25.17 0.58 -2.44 | 23.14 0.61 0.00 | 22.92 0.65 -0.01 | 25.70 0.69 -0.14 | 27.51 0.86 0.00 | 68.85 1.39 -32.94 | 169.02 2.52 -108.49 | 82.97 1.36 -46.28 | 25.70 0.23 -0.01 | 23.71 0.29 0.00 | 21.19 0.22 0.00 | 17.83 0.10 0.00 |
| EUCLID____115KV_TB2 356179 | 22.46 -0.62 0.00 | 18.88 -0.50 0.00 | 19.89 -0.54 0.00 | 18.84 -0.51 0.00 | 19.44 -0.52 0.00 | 20.25 -0.55 0.00 | 24.57 -0.67 0.00 | 40.63 -1.18 0.00 | 24.33 -0.64 0.00 | 21.63 -0.59 0.00 | 22.95 -0.67 0.00 | 22.86 -0.68 0.00 | 21.54 -0.60 0.00 | 21.91 -0.62 0.00 | 21.66 -0.61 0.00 | 24.16 -0.71 0.00 | 25.92 -0.72 0.00 | 33.57 -0.95 0.00 | 56.46 -1.55 0.00 | 34.43 -0.90 0.00 | 24.89 -0.56 0.00 | 22.97 -0.44 0.00 | 20.60 -0.37 0.00 | 17.39 -0.34 0.00 |
| E_CANADA_CAP_HY 24051 | 24.01 0.93 0.00 | 20.20 0.81 0.00 | 21.27 0.84 0.00 | 20.13 0.78 0.00 | 20.79 0.82 0.00 | 21.67 0.88 0.00 | 26.32 1.08 0.00 | 43.77 1.96 0.00 | 26.09 1.12 0.00 | 23.02 0.80 0.00 | 24.32 0.70 0.00 | 24.09 0.55 0.00 | 22.70 0.55 0.00 | 23.09 0.56 0.00 | 22.89 0.62 0.00 | 25.62 0.74 0.00 | 27.61 0.96 0.00 | 36.15 1.63 0.00 | 60.75 2.75 0.00 | 36.98 1.65 0.00 | 26.57 1.11 0.00 | 24.46 1.05 0.00 | 21.89 0.92 0.00 | 18.49 0.76 0.00 |
| E_CANADA_MHWK_HY 24050 | 23.54 0.47 0.00 | 19.73 0.34 0.00 | 20.84 0.41 0.00 | 19.79 0.43 0.00 | 20.41 0.44 0.00 | 21.28 0.49 0.00 | 26.01 0.69 -0.08 | 43.09 1.28 0.00 | 25.64 0.67 0.00 | 22.76 0.54 0.00 | 24.00 0.38 0.00 | 23.75 0.20 0.00 | 22.32 0.17 0.00 | 22.69 0.16 0.00 | 22.40 0.13 0.00 | 25.22 0.35 0.00 | 26.81 0.17 0.00 | 35.16 0.64 0.00 | 59.31 1.31 0.00 | 36.23 0.90 0.00 | 26.01 0.55 0.00 | 23.83 0.42 0.00 | 21.25 0.27 0.00 | 19.74 0.22 -1.79 |
| E_FISHKILL____LBMP 23776 | 24.06 0.98 0.00 | 20.18 0.80 0.00 | 21.27 0.83 0.00 | 20.15 0.79 0.00 | 20.79 0.83 0.00 | 21.68 0.89 0.00 | 26.38 1.14 0.00 | 43.81 2.00 0.00 | 26.28 1.31 0.00 | 23.45 1.24 0.00 | 25.03 1.41 0.00 | 25.00 1.46 0.00 | 23.55 1.40 0.00 | 23.94 1.42 0.00 | 23.69 1.43 0.00 | 26.42 1.55 0.00 | 28.21 1.57 0.00 | 36.53 2.00 0.00 | 61.37 3.37 0.00 | 37.36 2.03 0.00 | 26.85 1.39 0.00 | 24.66 1.24 0.00 | 22.04 1.07 0.00 | 18.68 0.95 0.00 |
| FALCON____SEABRD_CC1 323796 | 22.94 -0.13 0.00 | 19.23 -0.16 0.00 | 20.24 -0.20 0.00 | 19.22 -0.14 0.00 | 19.73 -0.23 0.00 | 20.57 -0.22 0.00 | 23.59 -0.35 1.31 | 41.36 -0.45 0.00 | 24.63 -0.34 0.00 | 21.97 -0.25 0.00 | 23.43 -0.19 0.00 | 23.37 -0.18 0.00 | 21.82 -0.32 0.00 | 22.16 -0.36 0.00 | 22.05 -0.22 0.00 | 24.80 -0.07 0.00 | 26.86 0.22 0.00 | 34.73 0.20 0.00 | 58.05 0.05 0.00 | -10.84 -0.62 45.55 | -16.81 -0.42 41.85 | -21.19 -0.46 44.15 | -21.21 -0.47 41.71 | -20.76 -0.51 37.98 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| FALCON___SEABRD_CC2 323797 | 22.94 -0.13 0.00 | 19.23 -0.16 0.00 | 20.24 -0.20 0.00 | 19.22 -0.14 0.00 | 19.73 -0.23 0.00 | 20.57 -0.22 0.00 | 23.59 -0.35 1.31 | 41.36 -0.45 0.00 | 24.63 -0.34 0.00 | 21.97 -0.25 0.00 | 23.43 -0.19 0.00 | 23.37 -0.18 0.00 | 21.82 -0.32 0.00 | 22.16 -0.36 0.00 | 22.05 -0.22 0.00 | 24.80 -0.07 0.00 | 26.86 0.22 0.00 | 34.73 0.20 0.00 | 58.05 0.05 0.00 | -10.84 -0.62 45.55 | -16.81 -0.42 41.85 | -21.19 -0.46 44.15 | -21.21 -0.47 41.71 | -20.76 -0.51 37.98 |
| FAR ROCKAWAY___4 23548 | 24.43 1.35 0.00 | 20.51 1.13 0.00 | 21.54 1.11 0.00 | 20.43 1.08 0.00 | 21.09 1.13 0.00 | 22.10 1.30 0.00 | 26.84 1.60 0.00 | 44.39 2.58 0.00 | 26.69 1.72 0.00 | 23.94 1.73 0.00 | 25.70 2.08 0.00 | 25.62 2.08 0.00 | 24.11 1.96 0.00 | 24.41 1.88 0.00 | 24.03 1.76 0.00 | 26.85 1.78 -0.19 | 28.52 1.84 -0.04 | 37.05 2.53 0.00 | 62.23 4.21 -0.02 | 37.84 2.51 0.00 | 27.28 1.81 0.00 | 25.10 1.68 0.00 | 22.52 1.54 0.00 | 19.03 1.31 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 24.29 1.21 0.00 | 20.39 1.01 0.00 | 21.50 1.07 0.00 | 20.37 1.01 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.65 1.41 0.00 | 44.29 2.49 0.00 | 26.64 1.67 0.00 | 23.79 1.57 0.00 | 25.44 1.82 0.00 | 25.44 1.90 0.00 | 24.00 1.85 0.00 | 24.40 1.88 0.00 | 24.17 1.90 0.00 | 26.91 2.04 0.00 | 28.71 2.07 0.00 | 37.10 2.57 0.00 | 62.20 4.20 0.00 | 37.84 2.51 0.00 | 27.24 1.77 0.00 | 25.01 1.59 0.00 | 22.35 1.38 0.00 | 18.95 1.22 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 24.29 1.21 0.00 | 20.40 1.02 0.00 | 21.50 1.07 0.00 | 20.37 1.02 0.00 | 21.03 1.07 0.00 | 21.92 1.12 0.00 | 26.68 1.44 0.00 | 44.31 2.50 0.00 | 26.64 1.68 0.00 | 23.79 1.58 0.00 | 25.45 1.83 0.00 | 25.45 1.90 0.00 | 24.01 1.86 0.00 | 24.41 1.88 0.00 | 24.18 1.91 0.00 | 26.92 2.05 0.00 | 28.72 2.08 0.00 | 37.10 2.58 0.00 | 62.23 4.23 0.00 | 37.87 2.54 0.00 | 27.25 1.79 0.00 | 25.03 1.61 0.00 | 22.36 1.39 0.00 | 18.95 1.23 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 24.27 1.20 0.00 | 20.38 1.00 0.00 | 21.49 1.05 0.00 | 20.36 1.00 0.00 | 21.01 1.05 0.00 | 21.90 1.11 0.00 | 26.66 1.42 0.00 | 44.28 2.46 0.00 | 26.62 1.66 0.00 | 23.78 1.57 0.00 | 25.43 1.81 0.00 | 25.43 1.88 0.00 | 23.99 1.84 0.00 | 24.40 1.87 0.00 | 24.17 1.90 0.00 | 26.90 2.03 0.00 | 28.70 2.06 0.00 | 37.07 2.55 0.00 | 62.18 4.18 0.00 | 37.83 2.50 0.00 | 27.23 1.77 0.00 | 25.00 1.58 0.00 | 22.34 1.37 0.00 | 18.94 1.21 0.00 |
| FARRAGUT___LBMP 323566 | 24.25 1.18 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.55 0.00 | 25.40 1.78 0.00 | 25.40 1.86 0.00 | 23.97 1.82 0.00 | 24.37 1.84 0.00 | 24.14 1.88 0.00 | 26.88 2.00 0.00 | 28.67 2.03 0.00 | 37.04 2.51 0.00 | 62.13 4.12 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| FENNER___WINDPWR 24204 | 42.90 0.23 -19.59 | 36.80 0.18 -17.23 | 38.00 0.20 -17.37 | 28.52 0.18 -8.98 | 35.73 0.21 -15.55 | 30.14 0.29 -9.05 | 38.75 0.44 -13.06 | 55.46 0.89 -12.76 | 31.99 0.49 -6.53 | 23.03 0.31 -0.50 | 25.64 0.28 -1.73 | 23.79 0.25 0.00 | 22.41 0.26 0.00 | 22.82 0.29 0.00 | 22.57 0.30 0.00 | 25.21 0.33 0.00 | 27.16 0.52 0.00 | 41.89 0.85 -6.51 | 80.62 1.63 -20.99 | 46.03 0.87 -9.83 | 26.90 0.34 -1.10 | 24.88 0.31 -1.16 | 22.30 0.23 -1.10 | 18.08 0.14 -0.21 |
| FIBERTEK___ENERGY 23856 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| FITZPATRICK____ 23598 | 22.22 -0.85 0.00 | 18.68 -0.70 0.00 | 19.69 -0.75 0.00 | 18.65 -0.71 0.00 | 19.24 -0.72 0.00 | 20.03 -0.77 0.00 | 24.27 -0.97 0.00 | 40.10 -1.71 0.00 | 24.01 -0.95 0.00 | 21.36 -0.85 0.00 | 22.67 -0.95 0.00 | 22.59 -0.95 0.00 | 21.30 -0.85 0.00 | 21.65 -0.88 0.00 | 21.40 -0.87 0.00 | 23.86 -1.02 0.00 | 25.57 -1.07 0.00 | 33.12 -1.40 0.00 | 55.66 -2.34 0.00 | 33.94 -1.39 0.00 | 24.53 -0.93 0.00 | 22.63 -0.79 0.00 | 20.31 -0.66 0.00 | 17.17 -0.56 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 24.30 1.22 0.00 | 20.41 1.03 0.00 | 21.39 0.96 0.00 | 20.30 0.95 0.00 | 20.98 1.01 0.00 | 22.05 1.25 0.00 | 26.86 1.62 0.00 | 44.18 2.37 0.00 | 26.59 1.62 0.00 | 23.88 1.66 0.00 | 25.66 2.04 0.00 | 25.52 1.98 0.00 | 23.99 1.84 0.00 | 24.19 1.67 0.00 | 23.66 1.39 0.00 | 13.56 1.46 12.77 | 25.82 1.62 2.43 | 36.83 2.31 0.00 | 60.53 3.68 1.15 | 37.51 2.18 0.00 | 27.12 1.66 0.00 | 24.91 1.50 0.00 | 22.43 1.46 0.00 | 18.97 1.24 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 24.37 1.30 0.00 | 20.44 1.06 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.98 1.18 0.00 | 26.78 1.53 0.00 | 44.51 2.70 0.00 | 26.68 1.71 0.00 | 23.77 1.55 0.00 | 25.34 1.72 0.00 | 25.30 1.76 0.00 | 23.82 1.67 0.00 | 24.23 1.70 0.00 | 24.00 1.73 0.00 | 26.81 1.93 0.00 | 28.65 2.00 0.00 | 37.11 2.58 0.00 | 62.35 4.34 0.00 | 37.95 2.62 0.00 | 27.24 1.78 0.00 | 25.01 1.60 0.00 | 22.34 1.36 0.00 | 18.91 1.18 0.00 |
| FORT ORANGE____ 23900 | 23.87 0.79 0.00 | 20.03 0.64 0.00 | 21.13 0.70 0.00 | 20.03 0.68 0.00 | 20.66 0.70 0.00 | 21.53 0.74 0.00 | 26.19 0.95 0.00 | 43.39 1.58 0.00 | 25.94 0.97 0.00 | 23.06 0.84 0.00 | 24.55 0.93 0.00 | 24.44 0.89 0.00 | 22.96 0.81 0.00 | 23.34 0.81 0.00 | 22.97 0.70 0.00 | 25.69 0.82 0.00 | 27.45 0.80 0.00 | 35.66 1.13 0.00 | 60.22 2.21 0.00 | 36.82 1.49 0.00 | 26.46 1.00 0.00 | 24.18 0.76 0.00 | 21.61 0.63 0.00 | 18.28 0.56 0.00 |
| FORT_DRUM_COGEN 23780 | 22.60 -0.47 0.00 | 18.97 -0.42 0.00 | 19.99 -0.44 0.00 | 18.95 -0.41 0.00 | 19.54 -0.42 0.00 | 20.49 -0.30 0.00 | 25.13 0.02 0.13 | 42.01 0.20 0.00 | 24.93 -0.03 0.00 | 21.91 -0.30 0.00 | 23.45 -0.17 0.00 | 22.93 -0.62 0.00 | 21.31 -0.83 0.00 | 21.73 -0.80 0.00 | 21.56 -0.71 0.00 | 24.32 -0.55 0.00 | 26.97 0.32 0.00 | 35.28 0.76 0.00 | 60.04 2.03 0.00 | 44.15 0.57 -8.25 | 33.04 0.01 -7.57 | 31.27 -0.14 -7.99 | 28.24 -0.28 -7.55 | 15.88 -0.32 1.53 |
| FOX_HILLS___ESR 323835 | 24.32 1.24 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.38 1.03 0.00 | 21.04 1.08 0.00 | 21.94 1.15 0.00 | 26.71 1.47 0.00 | 44.32 2.51 0.00 | 26.71 1.74 0.00 | 23.79 1.58 0.00 | 25.43 1.81 0.00 | 25.40 1.86 0.00 | 23.96 1.82 0.00 | 24.34 1.81 0.00 | 24.08 1.82 0.00 | 26.85 1.98 0.00 | 28.66 2.02 0.00 | 37.06 2.53 0.00 | 61.98 3.98 0.00 | 37.86 2.53 0.00 | 27.30 1.84 0.00 | 25.04 1.62 0.00 | 22.37 1.40 0.00 | 18.96 1.23 0.00 |
| FPL FAR_ROCK_GT1 24212 | 24.43 1.35 0.00 | 20.52 1.14 0.00 | 21.55 1.11 0.00 | 20.43 1.07 0.00 | 21.09 1.13 0.00 | 22.10 1.30 0.00 | 26.85 1.60 0.00 | 44.39 2.58 0.00 | 26.70 1.73 0.00 | 23.95 1.73 0.00 | 25.70 2.08 0.00 | 25.62 2.08 0.00 | 24.11 1.96 0.00 | 24.40 1.88 0.00 | 24.03 1.76 0.00 | 26.85 1.78 -0.19 | 28.52 1.84 -0.04 | 37.06 2.53 0.00 | 62.24 4.22 -0.02 | 37.84 2.51 0.00 | 27.28 1.81 0.00 | 25.09 1.68 0.00 | 22.52 1.55 0.00 | 19.03 1.31 0.00 |

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| FPL FAR_ROCK_GT2 23815 | 24.43 1.35 0.00 | 20.52 1.14 0.00 | 21.55 1.11 0.00 | 20.43 1.07 0.00 | 21.09 1.13 0.00 | 22.10 1.30 0.00 | 26.85 1.60 0.00 | 44.39 2.58 0.00 | 26.70 1.73 0.00 | 23.95 1.73 0.00 | 25.70 2.08 0.00 | 25.62 2.08 0.00 | 24.11 1.96 0.00 | 24.40 1.88 0.00 | 24.03 1.76 0.00 | 26.85 1.78 -0.19 | 28.52 1.84 -0.04 | 37.06 2.53 0.00 | 62.24 4.22 -0.02 | 37.84 2.51 0.00 | 27.28 1.81 0.00 | 25.09 1.68 0.00 | 22.52 1.55 0.00 | 19.03 1.31 0.00 |
| FRANKLIN_FALL_HYD 24054 | 23.19 0.12 0.00 | 19.42 0.03 0.00 | 20.43 0.00 0.00 | 19.39 0.03 0.00 | 19.95 -0.01 0.00 | 20.89 0.09 0.00 | 24.38 0.21 1.07 | 42.39 0.57 0.00 | 25.16 0.19 0.00 | 22.35 0.13 0.00 | 23.71 0.09 0.00 | 23.52 -0.02 0.00 | 21.93 -0.22 0.00 | 22.28 -0.24 0.00 | 22.07 -0.20 0.00 | 24.85 -0.03 0.00 | 27.11 0.47 0.00 | 35.19 0.67 0.00 | 59.06 1.06 0.00 | 90.41 0.08 -55.00 | 76.02 0.01 -50.54 | 76.62 -0.12 -53.32 | 71.13 -0.22 -50.37 | 2.24 -0.29 15.19 |
| FREEPORT_EQUS_GT1 23764 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.41 0.98 0.00 | 20.31 0.95 0.00 | 20.96 1.00 0.00 | 21.97 1.18 0.00 | 26.70 1.45 0.00 | 44.09 2.28 0.00 | 26.51 1.54 0.00 | 23.75 1.54 0.00 | 25.52 1.89 0.00 | 25.43 1.89 0.00 | 23.92 1.77 0.00 | 24.20 1.67 0.00 | 23.77 1.51 0.00 | 17.51 1.48 8.84 | 26.51 1.56 1.68 | 36.67 2.15 0.00 | 60.74 3.54 0.79 | 37.46 2.13 0.00 | 27.02 1.56 0.00 | 24.87 1.46 0.00 | 22.35 1.38 0.00 | 18.89 1.17 0.00 |
| FREEPORT___CT2 23818 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.41 0.98 0.00 | 20.31 0.95 0.00 | 20.96 1.00 0.00 | 21.97 1.18 0.00 | 26.70 1.45 0.00 | 44.09 2.28 0.00 | 26.51 1.54 0.00 | 23.75 1.54 0.00 | 25.52 1.89 0.00 | 25.43 1.89 0.00 | 23.92 1.77 0.00 | 24.20 1.67 0.00 | 23.77 1.51 0.00 | 17.51 1.48 8.84 | 26.51 1.56 1.68 | 36.67 2.15 0.00 | 60.74 3.54 0.79 | 37.46 2.13 0.00 | 27.02 1.56 0.00 | 24.87 1.46 0.00 | 22.35 1.38 0.00 | 18.89 1.17 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.56 1.12 0.00 | 20.40 1.05 0.00 | 21.08 1.11 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.36 2.55 0.00 | 26.74 1.77 0.00 | 23.80 1.58 0.00 | 25.43 1.81 0.00 | 25.39 1.85 0.00 | 23.94 1.79 0.00 | 24.32 1.79 0.00 | 24.06 1.80 0.00 | 26.84 1.96 0.00 | 28.66 2.02 0.00 | 37.08 2.56 0.00 | 61.96 3.95 0.00 | 37.89 2.56 0.00 | 27.32 1.86 0.00 | 25.05 1.64 0.00 | 22.39 1.41 0.00 | 18.97 1.24 0.00 |
| FULTON COGEN____ 23766 | 22.44 -0.64 0.00 | 18.86 -0.52 0.00 | 19.87 -0.56 0.00 | 18.82 -0.54 0.00 | 19.42 -0.55 0.00 | 20.22 -0.58 0.00 | 24.53 -0.72 0.00 | 40.56 -1.25 0.00 | 24.28 -0.69 0.00 | 21.59 -0.63 0.00 | 22.90 -0.72 0.00 | 22.81 -0.74 0.00 | 21.50 -0.65 0.00 | 21.86 -0.67 0.00 | 21.60 -0.66 0.00 | 24.10 -0.77 0.00 | 25.87 -0.77 0.00 | 33.53 -1.00 0.00 | 56.39 -1.62 0.00 | 34.38 -0.95 0.00 | 24.86 -0.60 0.00 | 22.93 -0.48 0.00 | 20.56 -0.41 0.00 | 17.36 -0.37 0.00 |
| FULTON___LFGE 323630 | 24.21 1.14 0.00 | 20.34 0.96 0.00 | 21.43 0.99 0.00 | 20.28 0.92 0.00 | 20.93 0.97 0.00 | 21.85 1.06 0.00 | 26.61 1.36 0.00 | 44.29 2.48 0.00 | 26.35 1.38 0.00 | 23.23 1.01 0.00 | 24.46 0.84 0.00 | 23.96 0.42 0.00 | 22.55 0.40 0.00 | 22.91 0.38 0.00 | 22.71 0.44 0.00 | 25.58 0.71 0.00 | 27.59 0.95 0.00 | 36.45 1.92 0.00 | 61.51 3.50 0.00 | 37.46 2.13 0.00 | 26.89 1.42 0.00 | 24.70 1.29 0.00 | 22.08 1.11 0.00 | 18.64 0.91 0.00 |
| G.F.CEMENT___DRP 24184 | 24.43 1.36 0.00 | 20.38 1.00 0.00 | 21.54 1.11 0.00 | 20.42 1.07 0.00 | 21.08 1.12 0.00 | 22.11 1.31 0.00 | 27.00 1.75 0.00 | 44.80 2.99 0.00 | 26.74 1.77 0.00 | 23.71 1.49 0.00 | 25.19 1.57 0.00 | 24.97 1.42 0.00 | 23.41 1.26 0.00 | 23.73 1.20 0.00 | 23.39 1.12 0.00 | 26.24 1.36 0.00 | 28.09 1.45 0.00 | 36.70 2.18 0.00 | 61.73 3.73 0.00 | 37.64 2.31 0.00 | 27.01 1.55 0.00 | 24.82 1.41 0.00 | 22.23 1.25 0.00 | 18.74 1.01 0.00 |
| GARDENVILLE___LBMP 24039 | 2.40 -1.17 19.51 | 1.28 -0.94 17.16 | 2.08 -1.06 17.30 | 9.37 -1.05 8.94 | 3.46 -1.02 15.49 | 10.76 -1.03 9.01 | 11.13 -1.10 13.01 | 27.27 -1.83 12.71 | 17.39 -0.91 6.67 | 19.13 -0.91 2.18 | 17.12 -0.93 5.57 | 22.58 -0.96 0.00 | 13.96 -0.76 7.42 | 21.63 -0.89 0.00 | 21.31 -0.92 0.03 | 23.39 -1.06 0.42 | 25.38 -1.26 0.00 | 25.60 -1.80 7.12 | 26.27 -3.01 28.72 | 17.35 -1.54 16.44 | 23.99 -1.45 0.02 | 22.66 -0.76 0.00 | 20.41 -0.56 0.00 | 16.95 -0.78 0.00 |
| GARDNVLA_35_KV_LD 355827 | 2.64 -1.09 19.35 | 1.49 -0.88 17.02 | 2.30 -0.97 17.16 | 9.52 -0.97 8.87 | 3.66 -0.95 15.36 | 10.91 -0.95 8.94 | 11.33 -1.01 12.90 | 27.56 -1.64 12.61 | 17.58 -0.79 6.60 | 19.53 -0.80 1.89 | 17.91 -0.82 4.90 | 22.72 -0.83 0.00 | 15.35 -0.66 6.14 | 21.77 -0.76 0.00 | 21.45 -0.79 0.02 | 23.61 -0.92 0.35 | 25.54 -1.11 0.00 | 25.96 -1.61 6.95 | 28.22 -2.70 27.09 | 19.03 -1.36 14.94 | 24.14 -1.31 0.02 | 22.80 -0.62 0.00 | 20.52 -0.45 0.00 | 17.04 -0.69 0.00 |
| GELCKHM___115KV_LOAD 80723 | 22.54 -0.54 0.00 | 18.95 -0.44 0.00 | 19.95 -0.48 0.00 | 18.91 -0.45 0.00 | 19.50 -0.46 0.00 | 20.32 -0.48 0.00 | 24.67 -0.58 0.00 | 40.78 -1.03 0.00 | 24.41 -0.56 0.00 | 21.68 -0.54 0.00 | 23.01 -0.61 0.00 | 22.93 -0.62 0.00 | 21.60 -0.54 0.00 | 21.98 -0.55 0.00 | 21.72 -0.54 0.00 | 24.24 -0.64 0.00 | 26.01 -0.63 0.00 | 33.70 -0.82 0.00 | 56.67 -1.34 0.00 | 34.55 -0.78 0.00 | 24.98 -0.48 0.00 | 23.05 -0.37 0.00 | 20.67 -0.31 0.00 | 17.44 -0.28 0.00 |
| GENERAL___MILLS 23808 | 2.58 -1.11 19.39 | 1.43 -0.89 17.06 | 2.24 -1.00 17.20 | 9.48 -0.99 8.88 | 3.60 -0.96 15.39 | 10.86 -0.97 8.96 | 11.28 -1.03 12.93 | 27.48 -1.69 12.63 | 17.52 -0.83 6.62 | 19.41 -0.84 1.97 | 17.69 -0.86 5.08 | 22.67 -0.87 0.00 | 14.97 -0.69 6.49 | 21.72 -0.81 0.00 | 21.40 -0.84 0.03 | 23.54 -0.97 0.37 | 25.48 -1.16 0.00 | 25.85 -1.68 7.00 | 27.67 -2.81 27.53 | 18.57 -1.42 15.35 | 24.08 -1.36 0.02 | 22.75 -0.67 0.00 | 20.48 -0.49 0.00 | 17.01 -0.72 0.00 |
| GE_PLASTICS___DRP 24183 | 23.73 0.65 0.00 | 19.92 0.53 0.00 | 21.01 0.58 0.00 | 19.92 0.56 0.00 | 20.54 0.58 0.00 | 21.39 0.60 0.00 | 25.99 0.75 0.00 | 43.05 1.24 0.00 | 25.75 0.78 0.00 | 22.92 0.70 0.00 | 24.42 0.80 0.00 | 24.33 0.79 0.00 | 22.88 0.73 0.00 | 23.26 0.73 0.00 | 22.93 0.66 0.00 | 25.63 0.75 0.00 | 27.37 0.73 0.00 | 35.50 0.98 0.00 | 59.82 1.81 0.00 | 36.53 1.20 0.00 | 26.26 0.80 0.00 | 24.05 0.64 0.00 | 21.51 0.53 0.00 | 18.22 0.49 0.00 |
| GILBOA___1 23756 | 23.69 0.62 0.00 | 19.92 0.53 0.00 | 21.05 0.61 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.29 0.49 0.00 | 25.86 0.61 0.00 | 42.80 0.99 0.00 | 25.64 0.67 0.00 | 22.86 0.65 0.00 | 24.35 0.73 0.00 | 24.28 0.74 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 23.00 0.73 0.00 | 25.69 0.81 0.00 | 27.44 0.79 0.00 | 35.53 1.00 0.00 | 59.71 1.70 0.00 | 36.38 1.05 0.00 | 26.13 0.67 0.00 | 24.02 0.60 0.00 | 21.49 0.51 0.00 | 18.20 0.47 0.00 |
| GILBOA___2 23757 | 23.69 0.62 0.00 | 19.92 0.53 0.00 | 21.05 0.61 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.29 0.49 0.00 | 25.86 0.61 0.00 | 42.80 0.99 0.00 | 25.64 0.67 0.00 | 22.86 0.65 0.00 | 24.35 0.73 0.00 | 24.28 0.74 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 23.00 0.73 0.00 | 25.69 0.81 0.00 | 27.44 0.79 0.00 | 35.53 1.00 0.00 | 59.71 1.70 0.00 | 36.38 1.05 0.00 | 26.13 0.67 0.00 | 24.02 0.60 0.00 | 21.49 0.51 0.00 | 18.20 0.47 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|
| GILBOA___3 23758 | 23.69 0.62 0.00 | 19.92 0.53 0.00 | 21.05 0.61 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.29 0.49 0.00 | 25.86 0.61 0.00 | 42.80 0.99 0.00 | 25.64 0.67 0.00 | 22.86 0.65 0.00 | 24.35 0.73 0.00 | 24.28 0.74 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 23.00 0.73 0.00 | 25.69 0.81 0.00 | 27.44 0.79 0.00 | 35.53 1.00 0.00 | 59.71 1.70 0.00 | 36.38 1.05 0.00 | 26.13 0.67 0.00 | 24.02 0.60 0.00 | 21.49 0.51 0.00 | 18.20 0.47 0.00 |
| GILBOA___4 23759 | 23.69 0.62 0.00 | 19.92 0.53 0.00 | 21.05 0.61 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.29 0.49 0.00 | 25.86 0.61 0.00 | 42.80 0.99 0.00 | 25.64 0.67 0.00 | 22.86 0.65 0.00 | 24.35 0.73 0.00 | 24.28 0.74 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 23.00 0.73 0.00 | 25.69 0.81 0.00 | 27.44 0.79 0.00 | 35.53 1.00 0.00 | 59.71 1.70 0.00 | 36.38 1.05 0.00 | 26.13 0.67 0.00 | 24.02 0.60 0.00 | 21.49 0.51 0.00 | 18.20 0.47 0.00 |
| GILBOA___ 23599 | 23.69 0.62 0.00 | 19.91 0.53 0.00 | 21.05 0.61 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.29 0.49 0.00 | 25.86 0.62 0.00 | 42.80 0.99 0.00 | 25.64 0.67 0.00 | 22.86 0.65 0.00 | 24.35 0.73 0.00 | 24.28 0.74 0.00 | 22.86 0.71 0.00 | 23.25 0.72 0.00 | 23.00 0.73 0.00 | 25.69 0.81 0.00 | 27.44 0.79 0.00 | 35.53 1.00 0.00 | 59.72 1.71 0.00 | 36.39 1.06 0.00 | 26.13 0.67 0.00 | 24.02 0.60 0.00 | 21.49 0.51 0.00 | 18.20 0.47 0.00 |
| GINNA___ 23603 | 9.07 -1.76 12.25 | 7.15 -1.46 10.78 | 7.99 -1.58 10.86 | 12.23 -1.51 5.61 | 8.71 -1.53 9.72 | 13.60 -1.54 5.66 | 15.32 -1.76 8.17 | 30.95 -2.88 7.98 | 19.27 -1.62 4.07 | 20.38 -1.52 0.31 | 20.88 -1.66 1.08 | 21.90 -1.65 0.00 | 20.62 -1.53 0.00 | 20.95 -1.57 0.00 | 20.70 -1.57 0.00 | 23.17 -1.71 0.00 | 24.80 -1.84 0.00 | 27.97 -2.49 4.07 | 40.66 -4.21 13.13 | 27.48 -2.43 5.42 | 23.69 -1.77 0.00 | 22.02 -1.39 0.00 | 19.77 -1.21 0.00 | 16.56 -1.17 0.00 |
| GLEN PARK___ 23778 | 22.70 -0.37 0.00 | 19.06 -0.32 0.00 | 20.09 -0.35 0.00 | 19.02 -0.33 0.00 | 19.63 -0.33 0.00 | 20.59 -0.21 0.00 | 25.27 0.15 0.12 | 42.22 0.41 0.00 | 25.07 0.10 0.00 | 22.01 -0.21 0.00 | 23.54 -0.08 0.00 | 23.00 -0.55 0.00 | 21.37 -0.78 0.00 | 21.76 -0.77 0.00 | 21.61 -0.66 0.00 | 24.39 -0.49 0.00 | 27.08 0.43 0.00 | 35.44 0.91 0.00 | 60.37 2.36 0.00 | 43.93 0.78 -7.82 | 32.81 0.16 -7.18 | 31.00 0.01 -7.58 | 27.97 -0.16 -7.16 | 16.06 -0.23 1.44 |
| GLENDALE_27_KV_LOAD 356172 | 24.36 1.29 0.00 | 20.45 1.07 0.00 | 21.55 1.12 0.00 | 20.43 1.07 0.00 | 21.08 1.12 0.00 | 21.99 1.19 0.00 | 26.77 1.53 0.00 | 44.44 2.64 0.00 | 26.77 1.80 0.00 | 23.91 1.69 0.00 | 25.55 1.93 0.00 | 25.53 1.99 0.00 | 24.11 1.96 0.00 | 24.50 1.97 0.00 | 24.27 2.00 0.00 | 27.01 2.13 0.00 | 28.80 2.16 0.00 | 37.20 2.68 0.00 | 62.38 4.37 0.00 | 38.00 2.67 0.00 | 27.37 1.91 0.00 | 25.11 1.70 0.00 | 22.45 1.48 0.00 | 19.02 1.29 0.00 |
| GLENWOOD_IC_1_G5 23712 | 24.28 1.21 0.00 | 20.39 1.01 0.00 | 21.44 1.01 0.00 | 20.32 0.96 0.00 | 20.97 1.01 0.00 | 21.93 1.14 0.00 | 26.68 1.43 0.00 | 44.18 2.37 0.00 | 26.57 1.60 0.00 | 23.77 1.55 0.00 | 25.48 1.85 0.00 | 25.43 1.88 0.00 | 23.94 1.79 0.00 | 24.29 1.76 0.00 | 23.96 1.69 0.00 | 22.07 1.73 4.54 | 27.54 1.76 0.86 | 36.88 2.35 0.00 | 61.49 3.89 0.41 | 37.66 2.33 0.00 | 27.11 1.65 0.00 | 24.92 1.51 0.00 | 22.33 1.36 0.00 | 18.90 1.17 0.00 |
| GLENWOOD_IC_2_G1 23688 | 24.22 1.15 0.00 | 20.34 0.95 0.00 | 21.40 0.97 0.00 | 20.28 0.93 0.00 | 20.93 0.97 0.00 | 21.86 1.07 0.00 | 26.60 1.36 0.00 | 44.09 2.28 0.00 | 26.50 1.53 0.00 | 23.69 1.48 0.00 | 25.36 1.74 0.00 | 25.32 1.78 0.00 | 23.85 1.70 0.00 | 24.21 1.68 0.00 | 23.91 1.64 0.00 | 26.59 1.71 0.00 | 28.38 1.74 0.00 | 36.80 2.27 0.00 | 61.77 3.77 0.00 | 37.59 2.26 0.00 | 27.05 1.59 0.00 | 24.85 1.44 0.00 | 22.26 1.29 0.00 | 18.85 1.12 0.00 |
| GLENWOOD_IC_3_G1 23689 | 24.22 1.15 0.00 | 20.34 0.95 0.00 | 21.40 0.97 0.00 | 20.28 0.93 0.00 | 20.93 0.97 0.00 | 21.86 1.07 0.00 | 26.60 1.36 0.00 | 44.09 2.28 0.00 | 26.50 1.53 0.00 | 23.69 1.48 0.00 | 25.36 1.74 0.00 | 25.32 1.78 0.00 | 23.85 1.70 0.00 | 24.21 1.68 0.00 | 23.91 1.64 0.00 | 26.59 1.71 0.00 | 28.38 1.74 0.00 | 36.80 2.27 0.00 | 61.77 3.77 0.00 | 37.59 2.26 0.00 | 27.05 1.59 0.00 | 24.85 1.44 0.00 | 22.26 1.29 0.00 | 18.85 1.12 0.00 |
| GLENWOOD___4 23550 | 24.28 1.21 0.00 | 20.39 1.01 0.00 | 21.44 1.01 0.00 | 20.32 0.96 0.00 | 20.97 1.01 0.00 | 21.93 1.14 0.00 | 26.68 1.43 0.00 | 44.18 2.37 0.00 | 26.57 1.60 0.00 | 23.77 1.55 0.00 | 25.48 1.85 0.00 | 25.43 1.88 0.00 | 23.94 1.79 0.00 | 24.29 1.76 0.00 | 23.96 1.69 0.00 | 22.07 1.73 4.54 | 27.54 1.76 0.86 | 36.88 2.35 0.00 | 61.49 3.89 0.41 | 37.66 2.33 0.00 | 27.11 1.65 0.00 | 24.92 1.51 0.00 | 22.33 1.36 0.00 | 18.90 1.17 0.00 |
| GLENWOOD___5 23614 | 24.28 1.21 0.00 | 20.39 1.01 0.00 | 21.44 1.01 0.00 | 20.32 0.96 0.00 | 20.97 1.01 0.00 | 21.93 1.14 0.00 | 26.68 1.43 0.00 | 44.18 2.37 0.00 | 26.57 1.60 0.00 | 23.77 1.55 0.00 | 25.48 1.85 0.00 | 25.43 1.88 0.00 | 23.94 1.79 0.00 | 24.29 1.76 0.00 | 23.96 1.69 0.00 | 22.07 1.73 4.54 | 27.54 1.76 0.86 | 36.88 2.35 0.00 | 61.49 3.89 0.41 | 37.66 2.33 0.00 | 27.11 1.65 0.00 | 24.92 1.51 0.00 | 22.33 1.36 0.00 | 18.90 1.17 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 23.82 0.74 0.00 | 20.01 0.63 0.00 | 21.00 0.56 0.00 | 20.01 0.65 0.00 | 20.83 0.87 0.00 | 22.29 1.49 0.00 | 27.43 2.19 0.00 | 45.01 3.20 0.00 | 27.15 2.18 0.00 | 24.17 1.96 0.00 | 25.90 2.28 0.00 | 25.82 2.28 0.00 | 24.15 2.00 0.00 | 24.25 1.72 0.00 | 23.54 1.27 0.00 | 13.35 1.30 12.82 | 25.90 1.70 2.45 | 36.84 2.31 0.00 | 60.40 3.55 1.16 | 37.37 2.04 0.00 | 26.97 1.51 0.00 | 24.61 1.19 0.00 | 22.14 1.16 0.00 | 18.69 0.96 0.00 |
| GLOBE___DSASP 323697 | 4.27 -1.67 17.14 | 2.96 -1.34 15.08 | 3.74 -1.49 15.20 | 10.01 -1.50 7.85 | 4.88 -1.47 13.61 | 11.32 -1.56 7.92 | 12.09 -1.73 11.43 | 27.61 -3.04 11.17 | 17.55 -1.58 5.84 | 19.11 -1.52 1.58 | 17.96 -1.53 4.13 | 21.92 -1.62 0.00 | 15.76 -1.34 5.04 | 20.93 -1.60 0.00 | 20.60 -1.65 0.02 | 22.72 -1.87 0.28 | 24.46 -2.18 0.00 | 25.36 -3.05 6.12 | 29.15 -5.21 23.64 | 19.81 -2.71 12.81 | 23.25 -2.20 0.01 | 22.00 -1.41 0.00 | 19.87 -1.10 0.00 | 16.52 -1.21 0.00 |
| GOETHSLN___LBMP 323567 | 24.18 1.10 0.00 | 20.32 0.94 0.00 | 21.42 0.99 0.00 | 20.30 0.94 0.00 | 20.95 0.99 0.00 | 21.83 1.03 0.00 | 26.56 1.32 0.00 | 44.10 2.29 0.00 | 26.51 1.54 0.00 | 23.66 1.44 0.00 | 25.29 1.67 0.00 | 25.29 1.75 0.00 | 23.85 1.70 0.00 | 24.25 1.72 0.00 | 24.02 1.75 0.00 | 26.75 1.88 0.00 | 28.54 1.90 0.00 | 36.87 2.34 0.00 | 61.85 3.85 0.00 | 37.64 2.31 0.00 | 27.10 1.64 0.00 | 24.89 1.47 0.00 | 22.24 1.27 0.00 | 18.87 1.14 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 9.48 -0.77 12.83 | 7.47 -0.62 11.29 | 8.34 -0.72 11.37 | 12.76 -0.72 5.88 | 9.08 -0.70 10.18 | 14.20 -0.67 5.93 | 16.02 -0.67 8.55 | 32.38 -1.07 8.36 | 20.26 -0.49 4.21 | 21.35 -0.55 0.32 | 21.86 -0.65 1.11 | 22.90 -0.65 0.00 | 21.55 -0.59 0.00 | 21.89 -0.63 0.00 | 21.64 -0.63 0.00 | 24.21 -0.66 0.00 | 25.92 -0.72 0.00 | 29.14 -1.13 4.26 | 42.49 -1.81 13.71 | 28.80 -0.88 5.65 | 24.73 -0.73 0.00 | 23.10 -0.32 0.00 | 20.75 -0.22 0.00 | 17.32 -0.41 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 29.69 0.57 -6.04 | 25.20 0.50 -5.32 | 26.33 0.53 -5.36 | 22.63 0.50 -2.77 | 25.30 0.54 -4.80 | 24.15 0.56 -2.79 | 30.06 0.79 -4.03 | 47.22 1.47 -3.94 | 27.88 0.90 -2.01 | 23.13 0.76 -0.15 | 24.94 0.78 -0.53 | 24.34 0.80 0.00 | 22.96 0.81 0.00 | 23.37 0.84 0.00 | 23.17 0.89 0.00 | 25.84 0.97 0.00 | 27.72 1.08 0.00 | 37.96 1.43 -2.01 | 66.89 2.38 -6.51 | 39.41 1.41 -2.67 | 26.17 0.71 0.00 | 24.09 0.67 0.00 | 21.55 0.58 0.00 | 18.20 0.47 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 23.12 0.05 0.00 | 19.42 0.03 0.00 | 20.50 0.06 0.00 | 19.44 0.08 0.00 | 20.04 0.07 0.00 | 20.91 0.11 0.00 | 25.42 0.18 0.00 | 42.33 0.52 0.00 | 25.31 0.32 -0.02 | 22.71 0.25 -0.24 | 24.44 0.27 -0.55 | 23.90 0.35 0.00 | 23.66 0.43 -1.08 | 23.01 0.48 0.00 | 22.77 0.50 0.00 | 25.39 0.45 -0.06 | 27.12 0.48 0.00 | 35.26 0.64 -0.10 | 60.52 1.17 -1.35 | 37.22 0.65 -1.24 | 25.31 -0.15 0.00 | 23.44 0.02 0.00 | 20.97 -0.01 0.00 | 17.66 -0.07 0.00 |
| GOUDEY___7 23579 | 23.12 0.05 0.00 | 19.42 0.03 0.00 | 20.50 0.06 0.00 | 19.44 0.08 0.00 | 20.04 0.07 0.00 | 20.91 0.11 0.00 | 25.42 0.18 0.00 | 42.33 0.52 0.00 | 25.31 0.32 -0.02 | 22.71 0.25 -0.24 | 24.44 0.27 -0.55 | 23.90 0.35 0.00 | 23.66 0.43 -1.08 | 23.01 0.48 0.00 | 22.77 0.50 0.00 | 25.39 0.45 -0.06 | 27.12 0.48 0.00 | 35.26 0.64 -0.10 | 60.52 1.17 -1.35 | 37.22 0.65 -1.24 | 25.31 -0.15 0.00 | 23.44 0.02 0.00 | 20.97 -0.01 0.00 | 17.66 -0.07 0.00 |
| GOUDEY___8 23580 | 23.12 0.05 0.00 | 19.42 0.03 0.00 | 20.50 0.06 0.00 | 19.44 0.08 0.00 | 20.04 0.07 0.00 | 20.91 0.11 0.00 | 25.42 0.18 0.00 | 42.33 0.52 0.00 | 25.31 0.32 -0.02 | 22.71 0.25 -0.24 | 24.44 0.27 -0.55 | 23.90 0.35 0.00 | 23.66 0.43 -1.08 | 23.01 0.48 0.00 | 22.77 0.50 0.00 | 25.39 0.45 -0.06 | 27.12 0.48 0.00 | 35.26 0.64 -0.10 | 60.52 1.17 -1.35 | 37.22 0.65 -1.24 | 25.31 -0.15 0.00 | 23.44 0.02 0.00 | 20.97 -0.01 0.00 | 17.66 -0.07 0.00 |
| GOWANUS_GT1_1 24077 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_2 24078 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_3 24079 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_4 24080 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_5 24084 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_6 24111 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_7 24112 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT1_8 24113 | 24.34 1.26 0.00 | 20.43 1.05 0.00 | 21.53 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.75 1.78 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.92 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.97 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.29 4.28 0.00 | 37.98 2.65 0.00 | 27.36 1.90 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT2_1 24114 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_2 24115 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_3 24116 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |

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| GOWANUS_GT2_4 24117 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_5 24118 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_6 24119 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_7 24120 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT2_8 24121 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT3_1 24122 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT3_2 24123 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| GOWANUS_GT3_3 24124 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.0 | | | | | | | | | | | | | | |

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|---|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_3 24132 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT4_4 24133 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT4_5 24134 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT4_6 24135 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT4_7 24136 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GOWANUS_GT4_8 24137 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GREENBSH_115KV_TB3 55895 | 23.75 0.67 0.00 | 19.93 0.55 0.00 | 21.02 0.59 0.00 | 19.94 0.58 0.00 | 20.56 0.60 0.00 | 21.42 0.63 0.00 | 26.04 0.80 0.00 | 43.12 1.31 0.00 | 25.79 0.82 0.00 | 22.97 0.75 0.00 | 24.48 0.86 0.00 | 24.39 0.85 0.00 | 22.93 0.79 0.00 | 23.31 0.79 0.00 | 22.93 0.66 0.00 | 25.62 0.75 0.00 | 27.33 0.69 0.00 | 35.47 0.94 0.00 | 59.82 1.81 0.00 | 36.58 1.25 0.00 | 26.29 0.83 0.00 | 24.03 0.62 0.00 | 21.48 0.51 0.00 | 18.19 0.46 0.00 |
| GREENDGE_115KV_TB5 80291 | -30.71 -0.50 53.28 | -27.93 -0.43 46.88 | -27.29 -0.47 47.25 | -5.50 -0.44 24.41 | -22.75 -0.41 42.30 | -4.17 -0.34 24.62 | -10.56 -0.28 35.52 | 6.82 -0.27 34.72 | 7.20 -0.16 17.62 | 22.52 -0.33 -0.63 | 22.97 -0.52 0.13 | 23.00 -0.54 0.00 | 30.63 -0.42 -8.90 | 22.15 -0.38 0.00 | 21.97 -0.34 -0.04 | 25.06 -0.32 -0.51 | 26.45 -0.19 0.00 | 17.54 -0.12 16.86 | 11.31 -0.14 46.55 | 21.47 -0.24 13.62 | 24.99 -0.50 -0.03 | 23.14 -0.28 0.00 | 20.70 -0.28 0.00 | 17.36 -0.37 0.00 |
| GREENIDGE___3 23582 | -30.71 -0.50 53.28 | -27.93 -0.43 46.88 | -27.29 -0.47 47.25 | -5.50 -0.44 24.41 | -22.75 -0.41 42.30 | -4.17 -0.34 24.62 | -10.56 -0.28 35.52 | 6.82 -0.27 34.72 | 7.20 -0.16 17.62 | 22.52 -0.33 -0.63 | 22.97 -0.52 0.13 | 23.00 -0.54 0.00 | 30.63 -0.42 -8.90 | 22.15 -0.38 0.00 | 21.97 -0.34 -0.04 | 25.06 -0.32 -0.51 | 26.45 -0.19 0.00 | 17.54 -0.12 16.86 | 11.31 -0.14 46.55 | 21.47 -0.24 13.62 | 24.99 -0.50 -0.03 | 23.14 -0.28 0.00 | 20.70 -0.28 0.00 | 17.36 -0.37 0.00 |
| GREENIDGE___4 23583 | -30.73 -0.52 53.28 | -27.94 -0.45 46.88 | -27.31 -0.49 47.25 | -5.51 -0.45 24.41 | -22.76 -0.43 42.30 | -4.17 -0.35 24.62 | -10.58 -0.29 35.52 | 6.80 -0.29 34.72 | 7.18 -0.17 17.62 | 22.52 -0.33 -0.63 | 22.97 -0.52 0.13 | 23.00 -0.54 0.00 | 30.62 -0.42 -8.90 | 22.15 -0.38 0.00 | 21.96 -0.34 -0.04 | 25.07 -0.31 -0.51 | 26.45 -0.19 0.00 | 17.53 -0.14 16.86 | 11.24 -0.21 46.55 | 21.45 -0.26 13.62 | 24.99 -0.50 -0.03 | 23.14 -0.28 0.00 | 20.68 -0.29 0.00 | 17.36 -0.37 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 24.08 1.00 0.00 | 20.24 0.86 0.00 | 21.23 0.80 0.00 | 20.14 0.79 0.00 | 20.78 0.82 0.00 | 21.77 0.97 0.00 | 26.45 1.21 0.00 | 43.55 1.74 0.00 | 26.19 1.22 0.00 | 23.52 1.31 0.00 | 25.37 1.75 0.00 | 25.27 1.73 0.00 | 23.76 1.61 0.00 | 23.97 1.44 0.00 | 23.47 1.21 0.00 | 13.41 1.13 12.59 | 25.42 1.18 2.40 | 36.19 1.67 0.00 | 59.46 2.59 1.14 | 36.88 1.55 0.00 | 26.64 1.18 0.00 | 24.50 1.08 0.00 | 22.07 1.10 0.00 | 18.71 0.98 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |
| GRISSOM___SOLAR 323813 | 24.23 1.15 0.00 | 20.34 0.96 0.00 | 21.43 1.00 0.00 | 20.29 0.93 0.00 | 20.94 0.98 0.00 | 21.86 1.07 0.00 | 26.63 1.38 0.00 | 44.31 2.50 0.00 | 26.37 1.40 0.00 | 23.25 1.04 0.00 | 24.48 0.86 0.00 | 23.91 0.36 0.00 | 22.50 0.35 0.00 | 22.85 0.32 0.00 | 22.64 0.37 0.00 | 25.57 0.70 0.00 | 27.52 0.88 0.00 | 36.44 1.91 0.00 | 61.53 3.53 0.00 | 37.47 2.14 0.00 | 26.91 1.45 0.00 | 24.72 1.30 0.00 | 22.09 1.12 0.00 | 18.65 0.92 0.00 |
| GROVEVILLE___HYD 323602 | 24.37 1.30 0.00 | 20.44 1.06 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.98 1.18 0.00 | 26.78 1.53 0.00 | 44.51 2.70 0.00 | 26.68 1.71 0.00 | 23.77 1.55 0.00 | 25.34 1.72 0.00 | 25.30 1.76 0.00 | 23.82 1.67 0.00 | 24.23 1.70 0.00 | 24.00 1.73 0.00 | 26.81 1.93 0.00 | 28.65 2.00 0.00 | 37.11 2.58 0.00 | 62.35 4.34 0.00 | 37.95 2.62 0.00 | 27.24 1.78 0.00 | 25.01 1.60 0.00 | 22.34 1.36 0.00 | 18.91 1.18 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUNTLEY___67 23561 | 3.40 -1.37 18.30 | 2.18 -1.11 16.10 | 2.97 -1.24 16.23 | 9.75 -1.23 8.38 | 4.23 -1.21 14.53 | 11.10 -1.24 8.45 | 11.68 -1.36 12.20 | 27.58 -2.30 11.92 | 17.56 -1.16 6.24 | 19.22 -1.13 1.87 | 17.64 -1.16 4.82 | 22.36 -1.18 0.00 | 14.96 -1.00 6.19 | 21.39 -1.14 0.00 | 21.06 -1.18 0.03 | 23.18 -1.34 0.35 | 25.06 -1.58 0.00 | 25.64 -2.28 6.61 | 28.35 -3.88 25.78 | 18.81 -2.01 14.50 | 23.74 -1.70 0.02 | 22.44 -0.97 0.00 | 20.23 -0.74 0.00 | 16.82 -0.91 0.00 |
| HUNTLEY___68 23562 | 3.40 -1.37 18.30 | 2.18 -1.11 16.10 | 2.97 -1.24 16.23 | 9.75 -1.23 8.38 | 4.23 -1.21 14.53 | 11.10 -1.24 8.45 | 11.68 -1.36 12.20 | 27.58 -2.30 11.92 | 17.56 -1.16 6.24 | 19.22 -1.13 1.87 | 17.64 -1.16 4.82 | 22.36 -1.18 0.00 | 14.96 -1.00 6.19 | 21.39 -1.14 0.00 | 21.06 -1.18 0.03 | 23.18 -1.34 0.35 | 25.06 -1.58 0.00 | 25.64 -2.28 6.61 | 28.35 -3.88 25.78 | 18.81 -2.01 14.50 | 23.74 -1.70 0.02 | 22.44 -0.97 0.00 | 20.23 -0.74 0.00 | 16.82 -0.91 0.00 |
| HYLAND___LFG 323620 | -4.22 -0.36 26.94 | -4.64 -0.32 23.70 | -3.86 -0.40 23.89 | 6.61 -0.41 12.34 | -1.75 -0.32 21.38 | 8.15 -0.20 12.45 | 7.34 0.06 17.96 | 24.62 0.36 17.55 | 16.56 0.21 8.62 | 25.74 -0.44 -3.97 | 31.01 -0.90 -8.29 | 22.66 -0.89 -0.01 | 42.14 -0.70 -20.69 | 21.82 -0.70 0.00 | 21.67 -0.68 -0.08 | 25.35 -0.70 -1.18 | 26.31 -0.33 0.00 | 27.48 0.00 7.04 | 53.89 0.43 4.54 | 46.73 0.29 -11.10 | 25.39 -0.14 -0.06 | 23.59 0.17 0.00 | 21.11 0.13 0.00 | 17.60 -0.13 0.00 |
| INDECK___CORINTH 23802 | 24.10 1.02 0.00 | 20.12 0.73 0.00 | 21.25 0.82 0.00 | 20.15 0.79 0.00 | 20.80 0.84 0.00 | 21.78 0.99 0.00 | 26.59 1.35 0.00 | 44.13 2.32 0.00 | 26.34 1.37 0.00 | 23.37 1.15 0.00 | 24.84 1.22 0.00 | 24.61 1.07 0.00 | 23.07 0.93 0.00 | 23.40 0.87 0.00 | 23.07 0.80 0.00 | 25.86 0.99 0.00 | 27.69 1.05 0.00 | 36.17 1.64 0.00 | 60.85 2.85 0.00 | 37.09 1.76 0.00 | 26.62 1.16 0.00 | 24.45 1.04 0.00 | 21.92 0.94 0.00 | 18.49 0.76 0.00 |
| INDECK___ILION 23567 | 23.34 0.26 0.00 | 19.58 0.20 0.00 | 20.66 0.23 0.00 | 19.59 0.23 0.00 | 20.21 0.24 0.00 | 21.07 0.27 0.00 | 25.69 0.37 -0.08 | 42.48 0.67 0.00 | 25.35 0.38 0.00 | 22.53 0.31 0.00 | 23.87 0.25 0.00 | 23.73 0.18 0.00 | 22.32 0.17 0.00 | 22.69 0.17 0.00 | 22.42 0.15 0.00 | 25.12 0.25 0.00 | 26.82 0.18 0.00 | 34.94 0.42 0.00 | 58.82 0.81 0.00 | 35.87 0.54 0.00 | 25.79 0.33 0.00 | 23.67 0.26 0.00 | 21.16 0.19 0.00 | 19.68 0.16 -1.79 |
| INDECK___OLEAN 23982 | -1.13 -0.54 23.66 | -1.87 -0.43 20.82 | -1.05 -0.49 20.99 | 8.04 -0.48 10.84 | 0.74 -0.43 18.79 | 9.40 -0.46 10.93 | 9.07 -0.40 15.78 | 25.91 -0.48 15.42 | 16.83 -0.19 7.95 | 20.99 -0.23 0.99 | 20.47 -0.17 2.97 | 23.30 -0.24 0.00 | 20.50 0.04 1.68 | 22.38 -0.15 0.00 | 22.08 -0.18 0.01 | 24.54 -0.24 0.09 | 26.26 -0.38 0.00 | 25.97 -0.58 7.98 | 30.52 -0.79 26.70 | 23.01 -0.31 12.01 | 24.68 -0.78 0.00 | 23.26 -0.15 0.00 | 20.89 -0.08 0.00 | 17.40 -0.33 0.00 |
| INDECK___OSWEGO 23783 | 22.30 -0.77 0.00 | 18.75 -0.63 0.00 | 19.75 -0.68 0.00 | 18.71 -0.65 0.00 | 19.30 -0.66 0.00 | 20.09 -0.70 0.00 | 24.38 -0.87 0.00 | 40.28 -1.53 0.00 | 24.12 -0.86 0.00 | 21.45 -0.77 0.00 | 22.77 -0.85 0.00 | 22.65 -0.90 0.00 | 21.34 -0.81 0.00 | 21.70 -0.83 0.00 | 21.45 -0.82 0.00 | 23.93 -0.95 0.00 | 25.71 -0.93 0.00 | 33.32 -1.21 0.00 | 56.06 -1.94 0.00 | 35.50 -1.19 -1.36 | 25.93 -0.77 -1.23 | 24.07 -0.65 -1.31 | 21.65 -0.55 -1.23 | 17.49 -0.47 -0.23 |
| INDECK___YERKES 23781 | 4.22 -1.14 17.72 | 2.87 -0.93 15.59 | 3.68 -1.04 15.72 | 10.19 -1.05 8.12 | 4.87 -1.02 14.07 | 11.55 -1.06 8.19 | 12.32 -1.11 11.82 | 28.39 -1.87 11.55 | 17.98 -0.93 6.05 | 19.61 -0.92 1.69 | 18.31 -0.91 4.40 | 22.56 -0.98 0.00 | 15.95 -0.75 5.45 | 21.56 -0.96 0.00 | 21.24 -1.00 0.02 | 23.45 -1.12 0.31 | 25.26 -1.38 0.00 | 26.22 -1.96 6.34 | 30.15 -3.27 24.58 | 20.29 -1.62 13.42 | 23.98 -1.47 0.02 | 22.65 -0.77 0.00 | 20.41 -0.56 0.00 | 16.96 -0.77 0.00 |
| INDIAN POINT_GT_1 24139 | 24.14 1.06 0.00 | 20.25 0.87 0.00 | 21.34 0.91 0.00 | 20.22 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.98 0.00 | 26.51 1.26 0.00 | 44.03 2.22 0.00 | 26.42 1.45 0.00 | 23.57 1.36 0.00 | 25.17 1.55 0.00 | 25.16 1.62 0.00 | 23.70 1.55 0.00 | 24.10 1.57 0.00 | 23.85 1.59 0.00 | 26.58 1.71 0.00 | 28.38 1.74 0.00 | 36.73 2.21 0.00 | 61.72 3.72 0.00 | 37.55 2.22 0.00 | 26.98 1.52 0.00 | 24.78 1.36 0.00 | 22.15 1.18 0.00 | 18.77 1.04 0.00 |
| INDIAN POINT_GT_2 23659 | 24.14 1.06 0.00 | 20.25 0.87 0.00 | 21.34 0.91 0.00 | 20.22 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.98 0.00 | 26.51 1.26 0.00 | 44.03 2.22 0.00 | 26.42 1.45 0.00 | 23.57 1.36 0.00 | 25.17 1.55 0.00 | 25.16 1.62 0.00 | 23.70 1.55 0.00 | 24.10 1.57 0.00 | 23.85 1.59 0.00 | 26.58 1.71 0.00 | 28.38 1.74 0.00 | 36.73 2.21 0.00 | 61.72 3.72 0.00 | 37.55 2.22 0.00 | 26.98 1.52 0.00 | 24.78 1.36 0.00 | 22.15 1.18 0.00 | 18.77 1.04 0.00 |
| INDIAN POINT_GT_3 24019 | 24.14 1.06 0.00 | 20.25 0.87 0.00 | 21.34 0.91 0.00 | 20.22 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.98 0.00 | 26.51 1.26 0.00 | 44.03 2.22 0.00 | 26.42 1.45 0.00 | 23.57 1.36 0.00 | 25.17 1.55 0.00 | 25.16 1.62 0.00 | 23.70 1.55 0.00 | 24.10 1.57 0.00 | 23.85 1.59 0.00 | 26.58 1.71 0.00 | 28.38 1.74 0.00 | 36.73 2.21 0.00 | 61.72 3.72 0.00 | 37.55 2.22 0.00 | 26.98 1.52 0.00 | 24.78 1.36 0.00 | 22.15 1.18 0.00 | 18.77 1.04 0.00 |
| INDIAN POINT___2 23530 | 24.13 1.05 0.00 | 20.25 0.87 0.00 | 21.34 0.91 0.00 | 20.21 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.98 0.00 | 26.50 1.26 0.00 | 44.01 2.20 0.00 | 26.41 1.45 0.00 | 23.56 1.35 0.00 | 25.16 1.54 0.00 | 25.16 1.62 0.00 | 23.69 1.54 0.00 | 24.09 1.57 0.00 | 23.85 1.59 0.00 | 26.58 1.70 0.00 | 28.37 1.73 0.00 | 36.72 2.20 0.00 | 61.70 3.70 0.00 | 37.54 2.21 0.00 | 26.97 1.51 0.00 | 24.77 1.36 0.00 | 22.14 1.17 0.00 | 18.76 1.03 0.00 |
| INDIAN POINT___3 23531 | 24.12 1.05 0.00 | 20.25 0.87 0.00 | 21.33 0.90 0.00 | 20.21 0.86 0.00 | 20.87 0.90 0.00 | 21.77 0.97 0.00 | 26.50 1.25 0.00 | 44.00 2.19 0.00 | 26.40 1.43 0.00 | 23.56 1.34 0.00 | 25.15 1.53 0.00 | 25.14 1.60 0.00 | 23.69 1.54 0.00 | 24.08 1.56 0.00 | 23.84 1.58 0.00 | 26.57 1.69 0.00 | 28.36 1.72 0.00 | 36.70 2.18 0.00 | 61.68 3.68 0.00 | 37.53 2.20 0.00 | 26.96 1.50 0.00 | 24.77 1.35 0.00 | 22.13 1.16 0.00 | 18.76 1.03 0.00 |
| INGHAM_C_115KV_TB7 356103 | 23.54 0.47 0.00 | 19.73 0.34 0.00 | 20.84 0.41 0.00 | 19.79 0.43 0.00 | 20.41 0.44 0.00 | 21.28 0.49 0.00 | 26.01 0.69 -0.08 | 43.09 1.28 0.00 | 25.64 0.67 0.00 | 22.76 0.54 0.00 | 24.00 0.38 0.00 | 23.75 0.20 0.00 | 22.32 0.17 0.00 | 22.69 0.16 0.00 | 22.40 0.13 0.00 | 25.22 0.35 0.00 | 26.81 0.17 0.00 | 35.17 0.64 0.00 | 59.32 1.32 0.00 | 36.23 0.90 0.00 | 26.01 0.55 0.00 | 23.83 0.42 0.00 | 21.25 0.27 0.00 | 19.74 0.22 -1.79 |
| IP CORINTH___1 23988 | 24.22 1.14 0.00 | 20.22 0.84 0.00 | 21.35 0.92 0.00 | 20.24 0.89 0.00 | 20.90 0.94 0.00 | 21.89 1.10 0.00 | 26.73 1.48 0.00 | 44.36 2.55 0.00 | 26.48 1.51 0.00 | 23.49 1.27 0.00 | 24.96 1.34 0.00 | 24.74 1.19 0.00 | 23.19 1.04 0.00 | 23.51 0.99 0.00 | 23.19 0.92 0.00 | 25.99 1.12 0.00 | 27.84 1.20 0.00 | 36.35 1.82 0.00 | 61.16 3.16 0.00 | 37.28 1.95 0.00 | 26.76 1.29 0.00 | 24.58 1.16 0.00 | 22.02 1.05 0.00 | 18.58 0.85 0.00 |

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|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| IP___TICONDEROGA 23804 | 25.33 2.26 0.00 | 20.92 1.54 0.00 | 22.25 1.82 0.00 | 21.14 1.78 0.00 | 21.82 1.86 0.00 | 23.10 2.30 0.00 | 28.29 3.05 0.00 | 47.04 5.23 0.00 | 28.01 3.04 0.00 | 24.74 2.52 0.00 | 26.33 2.71 0.00 | 25.98 2.44 0.00 | 24.39 2.24 0.00 | 24.64 2.12 0.00 | 24.18 1.91 0.00 | 27.15 2.27 0.00 | 29.03 2.39 0.00 | 38.18 3.66 0.00 | 64.07 6.06 0.00 | 39.23 3.90 0.00 | 28.00 2.54 0.00 | 25.82 2.40 0.00 | 23.14 2.17 0.00 | 19.37 1.64 0.00 |
| ISLIP_RES_REC 323679 | 24.38 1.31 0.00 | 20.48 1.10 0.00 | 21.47 1.03 0.00 | 20.37 1.01 0.00 | 21.05 1.08 0.00 | 22.14 1.35 0.00 | 26.99 1.75 0.00 | 44.39 2.58 0.00 | 26.73 1.76 0.00 | 23.99 1.77 0.00 | 25.77 2.15 0.00 | 25.63 2.08 0.00 | 24.08 1.93 0.00 | 24.30 1.77 0.00 | 23.76 1.49 0.00 | 13.78 1.58 12.67 | 25.99 1.76 2.42 | 37.03 2.51 0.00 | 60.85 3.99 1.15 | 37.70 2.37 0.00 | 27.25 1.79 0.00 | 25.04 1.62 0.00 | 22.55 1.57 0.00 | 19.05 1.32 0.00 |
| JAMAICA__27_KV_LOAD 355505 | 24.23 1.15 0.00 | 20.32 0.94 0.00 | 21.45 1.02 0.00 | 20.34 0.99 0.00 | 20.99 1.03 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.19 2.38 0.00 | 26.58 1.61 0.00 | 23.71 1.50 0.00 | 25.37 1.75 0.00 | 25.38 1.83 0.00 | 23.94 1.80 0.00 | 24.33 1.80 0.00 | 24.13 1.86 0.00 | 26.93 2.06 0.00 | 28.78 2.14 0.00 | 37.06 2.53 0.00 | 62.13 4.13 0.00 | 37.86 2.53 0.00 | 27.23 1.77 0.00 | 25.00 1.58 0.00 | 22.34 1.36 0.00 | 18.95 1.22 0.00 |
| JANIS___SOLAR 323808 | 91.72 0.60 -68.04 | 79.74 0.50 -59.86 | 81.30 0.53 -60.34 | 51.06 0.53 -31.17 | 74.59 0.61 -54.01 | 53.02 0.79 -31.43 | 71.78 1.17 -45.36 | 88.45 2.31 -44.33 | 48.94 1.26 -22.71 | 25.18 0.78 -2.18 | 31.19 0.58 -6.99 | 24.11 0.57 0.00 | 24.68 0.64 -1.89 | 23.19 0.67 0.00 | 22.99 0.72 -0.01 | 25.77 0.79 -0.11 | 27.72 1.08 0.00 | 59.25 1.97 -22.76 | 136.73 3.56 -75.16 | 69.51 2.00 -32.18 | 26.18 0.72 0.00 | 24.13 0.71 0.00 | 21.55 0.58 0.00 | 18.08 0.35 0.00 |
| JARVIS____ 23743 | 23.14 0.07 0.00 | 19.44 0.06 0.00 | 20.51 0.08 0.00 | 19.44 0.08 0.00 | 20.05 0.08 0.00 | 20.87 0.07 0.00 | 25.40 0.08 -0.08 | 41.94 0.13 0.00 | 25.09 0.12 0.00 | 22.33 0.11 0.00 | 23.74 0.12 0.00 | 23.66 0.12 0.00 | 22.26 0.11 0.00 | 22.64 0.11 0.00 | 22.38 0.11 0.00 | 25.00 0.13 0.00 | 26.76 0.12 0.00 | 34.69 0.16 0.00 | 58.30 0.29 0.00 | 35.51 0.18 0.00 | 25.58 0.12 0.00 | 23.51 0.09 0.00 | 21.06 0.09 0.00 | 19.60 0.08 -1.79 |
| JENNISON___1 23625 | 41.61 0.31 -18.23 | 35.70 0.28 -16.04 | 36.90 0.31 -16.16 | 28.03 0.32 -8.35 | 34.86 0.42 -14.47 | 29.84 0.62 -8.42 | 38.40 1.00 -12.15 | 55.59 1.90 -11.88 | 32.14 1.08 -6.09 | 23.77 0.85 -0.70 | 26.61 0.87 -2.13 | 24.45 0.90 0.00 | 24.10 0.95 -1.00 | 23.52 1.00 0.00 | 23.28 1.01 0.00 | 25.99 1.06 -0.06 | 27.82 1.18 0.00 | 42.28 1.61 -6.14 | 81.33 2.54 -20.79 | 45.98 1.45 -9.19 | 25.95 0.49 0.00 | 23.97 0.55 0.00 | 21.48 0.50 0.00 | 18.05 0.32 0.00 |
| JENNISON___2 23626 | 41.61 0.31 -18.23 | 35.70 0.28 -16.04 | 36.90 0.31 -16.16 | 28.03 0.32 -8.35 | 34.86 0.42 -14.47 | 29.84 0.62 -8.42 | 38.40 1.00 -12.15 | 55.59 1.90 -11.88 | 32.14 1.08 -6.09 | 23.77 0.85 -0.70 | 26.61 0.87 -2.13 | 24.45 0.90 0.00 | 24.10 0.95 -1.00 | 23.52 1.00 0.00 | 23.28 1.01 0.00 | 25.99 1.06 -0.06 | 27.82 1.18 0.00 | 42.28 1.61 -6.14 | 81.33 2.54 -20.79 | 45.98 1.45 -9.19 | 25.95 0.49 0.00 | 23.97 0.55 0.00 | 21.48 0.50 0.00 | 18.05 0.32 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 22.75 -0.33 0.00 | 19.06 -0.33 0.00 | 20.06 -0.37 0.00 | 19.04 -0.32 0.00 | 19.57 -0.39 0.00 | 20.44 -0.36 0.00 | 23.52 -0.48 1.24 | 41.13 -0.68 0.00 | 24.45 -0.52 0.00 | 21.80 -0.42 0.00 | 23.22 -0.40 0.00 | 23.14 -0.40 0.00 | 21.64 -0.51 0.00 | 21.99 -0.53 0.00 | 21.76 -0.51 0.00 | 24.43 -0.45 0.00 | 26.49 -0.15 0.00 | 34.22 -0.30 0.00 | 57.21 -0.80 0.00 | -14.38 -1.04 48.66 | -19.95 -0.70 44.71 | -24.48 -0.73 47.16 | -24.29 -0.71 44.56 | -19.99 -0.67 37.05 |
| KATONAH__115KV_46KV_TB4 355592 | 24.33 1.25 0.00 | 20.41 1.02 0.00 | 21.49 1.06 0.00 | 20.36 1.01 0.00 | 21.02 1.06 0.00 | 21.95 1.15 0.00 | 26.73 1.49 0.00 | 44.42 2.61 0.00 | 26.66 1.69 0.00 | 23.79 1.57 0.00 | 25.39 1.77 0.00 | 25.36 1.82 0.00 | 23.89 1.74 0.00 | 24.24 1.71 0.00 | 23.97 1.70 0.00 | 26.72 1.85 0.00 | 28.53 1.89 0.00 | 36.92 2.40 0.00 | 62.06 4.05 0.00 | 37.77 2.44 0.00 | 27.14 1.68 0.00 | 24.92 1.50 0.00 | 22.26 1.28 0.00 | 18.85 1.12 0.00 |
| KCE_NY_1 323755 | 24.32 1.24 0.00 | 20.36 0.97 0.00 | 21.48 1.05 0.00 | 20.36 1.00 0.00 | 21.01 1.05 0.00 | 21.96 1.16 0.00 | 26.76 1.51 0.00 | 44.36 2.55 0.00 | 26.49 1.52 0.00 | 23.52 1.30 0.00 | 25.00 1.38 0.00 | 24.82 1.27 0.00 | 23.31 1.16 0.00 | 23.66 1.14 0.00 | 23.37 1.11 0.00 | 26.21 1.34 0.00 | 28.06 1.42 0.00 | 36.53 2.00 0.00 | 61.47 3.47 0.00 | 37.46 2.13 0.00 | 26.93 1.48 0.00 | 24.73 1.32 0.00 | 22.12 1.15 0.00 | 18.69 0.97 0.00 |
| KCE_NY_6_ESR 323823 | 2.56 -1.12 19.39 | 1.39 -0.93 17.06 | 2.23 -1.01 17.20 | 9.47 -1.01 8.88 | 3.58 -0.99 15.39 | 10.85 -0.99 8.96 | 11.26 -1.05 12.93 | 27.45 -1.72 12.63 | 17.49 -0.87 6.62 | 19.40 -0.85 1.97 | 17.67 -0.88 5.08 | 22.65 -0.89 0.00 | 14.96 -0.70 6.49 | 21.71 -0.82 0.00 | 21.39 -0.86 0.03 | 23.54 -0.97 0.37 | 25.47 -1.17 0.00 | 25.84 -1.69 7.00 | 27.66 -2.82 27.53 | 18.55 -1.44 15.35 | 24.07 -1.37 0.02 | 22.73 -0.68 0.00 | 20.47 -0.50 0.00 | 17.01 -0.72 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 24.29 1.22 0.00 | 20.41 1.02 0.00 | 21.39 0.96 0.00 | 20.30 0.94 0.00 | 20.97 1.00 0.00 | 22.05 1.25 0.00 | 26.86 1.61 0.00 | 44.17 2.36 0.00 | 26.59 1.62 0.00 | 23.87 1.65 0.00 | 25.65 2.03 0.00 | 25.51 1.97 0.00 | 23.97 1.83 0.00 | 24.19 1.66 0.00 | 23.64 1.38 0.00 | 13.53 1.44 12.78 | 25.81 1.61 2.44 | 36.81 2.28 0.00 | 60.48 3.63 1.16 | 37.48 2.15 0.00 | 27.09 1.64 0.00 | 24.90 1.48 0.00 | 22.43 1.46 0.00 | 18.96 1.23 0.00 |
| KEDC_PORT_JEFF_GT3 24211 | 24.29 1.22 0.00 | 20.41 1.02 0.00 | 21.39 0.96 0.00 | 20.30 0.94 0.00 | 20.97 1.00 0.00 | 22.05 1.25 0.00 | 26.86 1.61 0.00 | 44.17 2.36 0.00 | 26.59 1.62 0.00 | 23.87 1.65 0.00 | 25.65 2.03 0.00 | 25.51 1.97 0.00 | 23.97 1.83 0.00 | 24.19 1.66 0.00 | 23.64 1.38 0.00 | 13.53 1.44 12.78 | 25.81 1.61 2.44 | 36.81 2.28 0.00 | 60.48 3.63 1.16 | 37.48 2.15 0.00 | 27.09 1.64 0.00 | 24.90 1.48 0.00 | 22.43 1.46 0.00 | 18.96 1.23 0.00 |
| KEDC_GLWD_GT4 24219 | 24.29 1.21 0.00 | 20.39 1.01 0.00 | 21.44 1.01 0.00 | 20.32 0.97 0.00 | 20.97 1.01 0.00 | 21.93 1.14 0.00 | 26.68 1.44 0.00 | 44.19 2.38 0.00 | 26.58 1.61 0.00 | 23.77 1.55 0.00 | 25.48 1.86 0.00 | 25.43 1.89 0.00 | 23.94 1.79 0.00 | 24.29 1.76 0.00 | 23.95 1.69 0.00 | 22.07 1.73 4.54 | 27.54 1.76 0.86 | 36.88 2.35 0.00 | 61.48 3.89 0.41 | 37.66 2.33 0.00 | 27.11 1.65 0.00 | 24.92 1.51 0.00 | 22.34 1.36 0.00 | 18.90 1.17 0.00 |
| KEDC_GLWD_GT5 24220 | 24.29 1.21 0.00 | 20.39 1.01 0.00 | 21.44 1.01 0.00 | 20.32 0.97 0.00 | 20.97 1.01 0.00 | 21.93 1.14 0.00 | 26.68 1.44 0.00 | 44.19 2.38 0.00 | 26.58 1.61 0.00 | 23.77 1.55 0.00 | 25.48 1.86 0.00 | 25.43 1.89 0.00 | 23.94 1.79 0.00 | 24.29 1.76 0.00 | 23.95 1.69 0.00 | 22.07 1.73 4.54 | 27.54 1.76 0.86 | 36.88 2.35 0.00 | 61.48 3.89 0.41 | 37.66 2.33 0.00 | 27.11 1.65 0.00 | 24.92 1.51 0.00 | 22.34 1.36 0.00 | 18.90 1.17 0.00 |

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| KENSICO____ 23655 | 24.19 1.12 0.00 | 20.30 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.90 0.00 | 20.91 0.95 0.00 | 21.82 1.02 0.00 | 26.55 1.31 0.00 | 44.09 2.28 0.00 | 26.47 1.50 0.00 | 23.63 1.42 0.00 | 25.25 1.62 0.00 | 25.23 1.69 0.00 | 23.78 1.63 0.00 | 24.17 1.64 0.00 | 23.92 1.65 0.00 | 26.65 1.78 0.00 | 28.45 1.80 0.00 | 36.81 2.28 0.00 | 61.83 3.82 0.00 | 37.62 2.29 0.00 | 27.04 1.58 0.00 | 24.84 1.43 0.00 | 22.20 1.23 0.00 | 18.81 1.08 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 24.32 1.25 0.00 | 20.40 1.02 0.00 | 21.49 1.06 0.00 | 20.35 1.00 0.00 | 21.01 1.05 0.00 | 21.93 1.14 0.00 | 26.73 1.49 0.00 | 44.47 2.65 0.00 | 26.64 1.67 0.00 | 23.70 1.48 0.00 | 25.19 1.57 0.00 | 25.13 1.58 0.00 | 23.65 1.50 0.00 | 24.07 1.55 0.00 | 23.87 1.60 0.00 | 26.71 1.83 0.00 | 28.59 1.95 0.00 | 37.06 2.54 0.00 | 62.35 4.35 0.00 | 37.93 2.59 0.00 | 27.19 1.73 0.00 | 24.98 1.57 0.00 | 22.30 1.33 0.00 | 18.87 1.14 0.00 |
| KIAC_JFK_GT1 23816 | 24.11 1.03 0.00 | 20.22 0.83 0.00 | 21.34 0.91 0.00 | 20.24 0.89 0.00 | 20.89 0.93 0.00 | 21.79 0.99 0.00 | 26.50 1.25 0.00 | 43.92 2.11 0.00 | 26.42 1.46 0.00 | 23.58 1.37 0.00 | 25.23 1.61 0.00 | 25.25 1.70 0.00 | 23.82 1.67 0.00 | 24.21 1.68 0.00 | 24.01 1.74 0.00 | 26.77 1.90 0.00 | 28.61 1.97 0.00 | 36.82 2.30 0.00 | 61.73 3.73 0.00 | 37.62 2.29 0.00 | 27.07 1.61 0.00 | 24.85 1.43 0.00 | 22.21 1.24 0.00 | 18.85 1.13 0.00 |
| KIAC_JFK_GT2 23817 | 24.11 1.03 0.00 | 20.22 0.83 0.00 | 21.34 0.91 0.00 | 20.24 0.89 0.00 | 20.89 0.93 0.00 | 21.79 0.99 0.00 | 26.50 1.25 0.00 | 43.92 2.11 0.00 | 26.42 1.46 0.00 | 23.58 1.37 0.00 | 25.23 1.61 0.00 | 25.25 1.70 0.00 | 23.82 1.67 0.00 | 24.21 1.68 0.00 | 24.01 1.74 0.00 | 26.77 1.90 0.00 | 28.61 1.97 0.00 | 36.82 2.30 0.00 | 61.73 3.73 0.00 | 37.62 2.29 0.00 | 27.07 1.61 0.00 | 24.85 1.43 0.00 | 22.21 1.24 0.00 | 18.85 1.13 0.00 |
| KIAC_JFK____ 323774 | 24.11 1.03 0.00 | 20.23 0.84 0.00 | 21.35 0.92 0.00 | 20.24 0.89 0.00 | 20.89 0.93 0.00 | 21.79 0.99 0.00 | 26.49 1.25 0.00 | 43.92 2.11 0.00 | 26.43 1.46 0.00 | 23.58 1.37 0.00 | 25.23 1.61 0.00 | 25.25 1.70 0.00 | 23.82 1.67 0.00 | 24.20 1.67 0.00 | 24.01 1.74 0.00 | 26.77 1.90 0.00 | 28.61 1.97 0.00 | 36.83 2.30 0.00 | 61.74 3.74 0.00 | 37.63 2.30 0.00 | 27.07 1.61 0.00 | 24.85 1.43 0.00 | 22.22 1.24 0.00 | 18.85 1.13 0.00 |
| KINTIGH____ 23543 | 7.24 -1.38 14.46 | 5.55 -1.11 12.72 | 6.37 -1.24 12.82 | 11.52 -1.22 6.62 | 7.27 -1.21 11.48 | 12.89 -1.23 6.68 | 14.21 -1.39 9.64 | 30.06 -2.33 9.42 | 18.88 -1.20 4.89 | 20.01 -1.14 1.07 | 19.55 -1.20 2.88 | 22.36 -1.19 0.00 | 18.00 -1.07 3.09 | 21.37 -1.15 0.00 | 21.06 -1.19 0.01 | 23.34 -1.36 0.18 | 25.07 -1.56 0.00 | 27.18 -2.27 5.07 | 34.96 -3.90 19.14 | 23.47 -2.08 9.78 | 23.84 -1.61 0.01 | 22.42 -1.00 0.00 | 20.20 -0.77 0.00 | 16.83 -0.89 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 23.03 -0.05 0.00 | 19.29 -0.09 0.00 | 20.30 -0.13 0.00 | 19.27 -0.09 0.00 | 19.80 -0.16 0.00 | 20.68 -0.12 0.00 | 23.76 -0.18 1.30 | 41.67 -0.14 0.00 | 24.80 -0.17 0.00 | 22.11 -0.10 0.00 | 23.57 -0.05 0.00 | 23.50 -0.04 0.00 | 21.96 -0.19 0.00 | 22.28 -0.24 0.00 | 22.09 -0.17 0.00 | 24.86 -0.01 0.00 | 26.95 0.31 0.00 | 34.86 0.34 0.00 | 58.28 0.27 0.00 | -11.13 -0.43 46.03 | -17.13 -0.29 42.30 | -21.55 -0.34 44.62 | -21.56 -0.38 42.15 | -20.55 -0.44 37.83 |
| LACHUTE____HYDRO 323717 | 25.33 2.26 0.00 | 20.92 1.54 0.00 | 22.25 1.82 0.00 | 21.14 1.78 0.00 | 21.82 1.86 0.00 | 23.10 2.30 0.00 | 28.29 3.04 0.00 | 47.03 5.22 0.00 | 28.01 3.04 0.00 | 24.74 2.52 0.00 | 26.33 2.71 0.00 | 25.98 2.44 0.00 | 24.39 2.24 0.00 | 24.64 2.12 0.00 | 24.18 1.91 0.00 | 27.15 2.27 0.00 | 29.03 2.39 0.00 | 38.18 3.66 0.00 | 64.06 6.06 0.00 | 39.23 3.90 0.00 | 28.00 2.54 0.00 | 25.82 2.41 0.00 | 23.14 2.17 0.00 | 19.37 1.64 0.00 |
| LAWRNCV_115KV_TB1 80681 | 23.72 0.65 0.00 | 19.85 0.47 0.00 | 20.90 0.46 0.00 | 19.81 0.45 0.00 | 20.48 0.51 0.00 | 21.53 0.74 0.00 | 25.99 1.31 0.57 | 44.28 2.47 0.00 | 26.22 1.25 0.00 | 22.99 0.77 0.00 | 24.23 0.61 0.00 | 23.79 0.25 0.00 | 22.09 -0.06 0.00 | 22.52 -0.01 0.00 | 22.35 0.09 0.00 | 25.25 0.37 0.00 | 27.99 1.34 0.00 | 36.79 2.27 0.00 | 62.37 4.36 0.00 | 67.62 1.98 -30.31 | 54.41 1.09 -27.85 | 53.58 0.78 -29.38 | 49.22 0.49 -27.76 | 10.15 0.26 7.84 |
| LEDERLE____ 23769 | 24.23 1.15 0.00 | 20.33 0.95 0.00 | 21.42 0.99 0.00 | 20.30 0.94 0.00 | 20.96 1.00 0.00 | 21.87 1.08 0.00 | 26.64 1.39 0.00 | 44.26 2.46 0.00 | 26.55 1.57 0.00 | 23.68 1.46 0.00 | 25.27 1.66 0.00 | 25.27 1.73 0.00 | 23.80 1.65 0.00 | 24.21 1.69 0.00 | 23.99 1.72 0.00 | 26.73 1.86 0.00 | 28.54 1.90 0.00 | 36.94 2.41 0.00 | 62.12 4.11 0.00 | 37.78 2.45 0.00 | 27.11 1.65 0.00 | 24.90 1.49 0.00 | 22.25 1.27 0.00 | 18.85 1.12 0.00 |
| LIGHTRSE_115KV_TB6 355974 | 22.43 -0.64 0.00 | 18.85 -0.54 0.00 | 19.86 -0.57 0.00 | 18.81 -0.55 0.00 | 19.40 -0.56 0.00 | 20.23 -0.57 0.00 | 24.59 -0.61 0.04 | 40.81 -1.00 0.00 | 24.37 -0.60 0.00 | 21.61 -0.60 0.00 | 23.02 -0.60 0.00 | 22.78 -0.76 0.00 | 21.37 -0.78 0.00 | 21.75 -0.78 0.00 | 21.53 -0.73 0.00 | 24.06 -0.81 0.00 | 26.12 -0.53 0.00 | 33.90 -0.62 0.00 | 57.28 -0.73 0.00 | 37.94 -0.63 -3.24 | 27.90 -0.53 -2.97 | 26.10 -0.45 -3.14 | 23.53 -0.41 -2.96 | 16.89 -0.39 0.45 |
| LINDEN COGEN____ 23786 | 24.17 1.09 0.00 | 20.32 0.94 0.00 | 21.41 0.98 0.00 | 20.29 0.94 0.00 | 20.94 0.98 0.00 | 21.82 1.03 0.00 | 26.55 1.31 0.00 | 44.09 2.28 0.00 | 26.50 1.54 0.00 | 23.65 1.43 0.00 | 25.28 1.66 0.00 | 25.28 1.73 0.00 | 23.83 1.68 0.00 | 24.24 1.71 0.00 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.88 0.00 | 36.86 2.33 0.00 | 61.82 3.82 0.00 | 37.62 2.29 0.00 | 27.08 1.62 0.00 | 24.87 1.46 0.00 | 22.24 1.26 0.00 | 18.86 1.14 0.00 |
| LINDHRST_69_KV_BK1 356055 | 24.42 1.34 0.00 | 20.50 1.12 0.00 | 21.50 1.07 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 22.11 1.31 0.00 | 26.89 1.65 0.00 | 44.35 2.54 0.00 | 26.69 1.73 0.00 | 23.94 1.73 0.00 | 25.72 2.09 0.00 | 25.60 2.05 0.00 | 24.06 1.91 0.00 | 24.31 1.78 0.00 | 23.83 1.56 0.00 | 14.99 1.58 11.47 | 26.16 1.71 2.19 | 36.87 2.35 0.00 | 60.79 3.82 1.04 | 37.63 2.30 0.00 | 27.20 1.74 0.00 | 25.05 1.63 0.00 | 22.54 1.57 0.00 | 19.05 1.32 0.00 |
| LIPA_MISC_IPP 23656 | 24.22 1.15 0.00 | 20.35 0.97 0.00 | 21.34 0.90 0.00 | 20.25 0.90 0.00 | 20.95 0.99 0.00 | 22.06 1.26 0.00 | 26.89 1.65 0.00 | 44.17 2.36 0.00 | 26.59 1.62 0.00 | 23.87 1.65 0.00 | 25.61 1.99 0.00 | 25.48 1.93 0.00 | 23.94 1.80 0.00 | 24.14 1.61 0.00 | 23.54 1.28 0.00 | 13.41 1.37 12.83 | 25.75 1.55 2.45 | 36.75 2.23 0.00 | 60.36 3.52 1.16 | 37.41 2.08 0.00 | 27.06 1.60 0.00 | 24.85 1.44 0.00 | 22.40 1.42 0.00 | 18.94 1.21 0.00 |
| LISF____SOLAR 323691 | 24.27 1.19 0.00 | 20.38 1.00 0.00 | 21.37 0.94 0.00 | 20.28 0.93 0.00 | 20.97 1.01 0.00 | 22.10 1.30 0.00 | 26.94 1.70 0.00 | 44.24 2.44 0.00 | 26.63 1.66 0.00 | 23.89 1.67 0.00 | 25.64 2.02 0.00 | 25.49 1.95 0.00 | 23.96 1.81 0.00 | 24.15 1.62 0.00 | 23.56 1.29 0.00 | 13.46 1.40 12.81 | 25.79 1.59 2.44 | 36.82 2.30 0.00 | 60.50 3.65 1.16 | 37.50 2.17 0.00 | 27.12 1.66 0.00 | 24.92 1.50 0.00 | 22.46 1.48 0.00 | 18.97 1.24 0.00 |

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| LITTLE FALLS___HYD 24013 | 23.54 0.47 0.00 | 19.73 0.34 0.00 | 20.84 0.41 0.00 | 19.79 0.43 0.00 | 20.41 0.44 0.00 | 21.28 0.49 0.00 | 26.01 0.69 -0.08 | 43.09 1.28 0.00 | 25.64 0.67 0.00 | 22.76 0.54 0.00 | 24.00 0.38 0.00 | 23.75 0.20 0.00 | 22.32 0.17 0.00 | 22.69 0.16 0.00 | 22.40 0.13 0.00 | 25.22 0.35 0.00 | 26.81 0.17 0.00 | 35.17 0.64 0.00 | 59.32 1.32 0.00 | 36.23 0.90 0.00 | 26.01 0.55 0.00 | 23.83 0.42 0.00 | 21.25 0.27 0.00 | 19.74 0.22 -1.79 |
| LITTLRIV_115KV_TB1 356100 | 24.20 1.12 0.00 | 20.24 0.86 0.00 | 21.30 0.87 0.00 | 20.20 0.84 0.00 | 20.91 0.95 0.00 | 22.02 1.22 0.00 | 26.66 1.99 0.57 | 45.45 3.64 0.00 | 26.88 1.91 0.00 | 23.46 1.24 0.00 | 24.60 0.97 0.00 | 24.08 0.54 0.00 | 22.32 0.17 0.00 | 22.75 0.22 0.00 | 22.64 0.37 0.00 | 25.60 0.72 0.00 | 28.50 1.86 0.00 | 37.63 3.10 0.00 | 63.99 5.99 0.00 | 68.60 2.96 -30.31 | 55.06 1.74 -27.85 | 54.15 1.35 -29.38 | 49.69 0.96 -27.76 | 10.51 0.63 7.84 |
| LI_NEWBRDGE___DRP 323616 | 24.08 1.00 0.00 | 20.23 0.84 0.00 | 21.24 0.81 0.00 | 20.15 0.79 0.00 | 20.79 0.83 0.00 | 21.77 0.98 0.00 | 26.46 1.22 0.00 | 43.70 1.89 0.00 | 26.28 1.31 0.00 | 23.57 1.35 0.00 | 25.31 1.69 0.00 | 25.23 1.68 0.00 | 23.73 1.58 0.00 | 24.01 1.49 0.00 | 23.60 1.34 0.00 | 12.25 1.34 13.96 | 25.34 1.36 2.66 | 36.39 1.87 0.00 | 59.74 3.00 1.26 | 37.12 1.79 0.00 | 26.78 1.32 0.00 | 24.63 1.21 0.00 | 22.13 1.16 0.00 | 18.73 1.01 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 5.09 -1.29 16.70 | 3.65 -1.04 14.69 | 4.45 -1.17 14.81 | 10.52 -1.19 7.65 | 5.56 -1.15 13.26 | 11.86 -1.22 7.72 | 12.85 -1.26 11.13 | 28.72 -2.20 10.88 | 18.14 -1.09 5.73 | 19.56 -1.13 1.54 | 18.46 -1.15 4.02 | 22.24 -1.30 0.00 | 16.29 -0.99 4.86 | 21.26 -1.26 0.00 | 20.96 -1.28 0.02 | 23.15 -1.45 0.27 | 24.94 -1.70 0.00 | 26.27 -2.31 5.94 | 31.50 -3.77 22.74 | 21.23 -1.91 12.18 | 23.75 -1.70 0.01 | 22.44 -0.98 0.00 | 20.24 -0.73 0.00 | 16.79 -0.94 0.00 |
| LOCKPORT___CC1 323769 | 4.82 -1.34 16.92 | 3.40 -1.10 14.89 | 4.21 -1.22 15.01 | 10.39 -1.22 7.75 | 5.34 -1.20 13.43 | 11.73 -1.25 7.82 | 12.64 -1.32 11.28 | 28.52 -2.27 11.02 | 17.99 -1.17 5.80 | 19.44 -1.16 1.61 | 18.25 -1.17 4.20 | 22.23 -1.31 0.00 | 15.95 -1.01 5.18 | 21.26 -1.27 0.00 | 20.94 -1.31 0.02 | 23.14 -1.45 0.29 | 24.93 -1.70 0.00 | 26.14 -2.34 6.04 | 30.75 -3.84 23.42 | 20.66 -1.99 12.68 | 23.70 -1.74 0.01 | 22.41 -1.01 0.00 | 20.20 -0.77 0.00 | 16.79 -0.94 0.00 |
| LOCKPORT___CC2 323770 | 4.82 -1.34 16.92 | 3.40 -1.10 14.89 | 4.21 -1.22 15.01 | 10.39 -1.22 7.75 | 5.34 -1.20 13.43 | 11.73 -1.25 7.82 | 12.64 -1.32 11.28 | 28.52 -2.27 11.02 | 17.99 -1.17 5.80 | 19.44 -1.16 1.61 | 18.25 -1.17 4.20 | 22.23 -1.31 0.00 | 15.95 -1.01 5.18 | 21.26 -1.27 0.00 | 20.94 -1.31 0.02 | 23.14 -1.45 0.29 | 24.93 -1.70 0.00 | 26.14 -2.34 6.04 | 30.75 -3.84 23.42 | 20.66 -1.99 12.68 | 23.70 -1.74 0.01 | 22.41 -1.01 0.00 | 20.20 -0.77 0.00 | 16.79 -0.94 0.00 |
| LOCKPORT___CC3 323771 | 4.82 -1.34 16.92 | 3.40 -1.10 14.89 | 4.21 -1.22 15.01 | 10.39 -1.22 7.75 | 5.34 -1.20 13.43 | 11.73 -1.25 7.82 | 12.64 -1.32 11.28 | 28.52 -2.27 11.02 | 17.99 -1.17 5.80 | 19.44 -1.16 1.61 | 18.25 -1.17 4.20 | 22.23 -1.31 0.00 | 15.95 -1.01 5.18 | 21.26 -1.27 0.00 | 20.94 -1.31 0.02 | 23.14 -1.45 0.29 | 24.93 -1.70 0.00 | 26.14 -2.34 6.04 | 30.75 -3.84 23.42 | 20.66 -1.99 12.68 | 23.70 -1.74 0.01 | 22.41 -1.01 0.00 | 20.20 -0.77 0.00 | 16.79 -0.94 0.00 |
| LONG_LAKE_PHOENIX 24014 | 22.44 -0.64 0.00 | 18.86 -0.52 0.00 | 19.87 -0.56 0.00 | 18.82 -0.54 0.00 | 19.42 -0.55 0.00 | 20.22 -0.58 0.00 | 24.53 -0.72 0.00 | 40.56 -1.25 0.00 | 24.28 -0.69 0.00 | 21.59 -0.63 0.00 | 22.90 -0.72 0.00 | 22.81 -0.74 0.00 | 21.50 -0.65 0.00 | 21.86 -0.67 0.00 | 21.60 -0.66 0.00 | 24.10 -0.77 0.00 | 25.87 -0.77 0.00 | 33.53 -1.00 0.00 | 56.39 -1.62 0.00 | 34.38 -0.95 0.00 | 24.86 -0.60 0.00 | 22.93 -0.48 0.00 | 20.56 -0.41 0.00 | 17.36 -0.37 0.00 |
| LOVETT___3 23632 | 24.10 1.03 0.00 | 20.23 0.85 0.00 | 21.32 0.89 0.00 | 20.20 0.84 0.00 | 20.85 0.89 0.00 | 21.76 0.96 0.00 | 26.48 1.24 0.00 | 43.98 2.16 0.00 | 26.38 1.41 0.00 | 23.54 1.32 0.00 | 25.13 1.51 0.00 | 25.13 1.59 0.00 | 23.67 1.52 0.00 | 24.06 1.53 0.00 | 23.83 1.56 0.00 | 26.55 1.68 0.00 | 28.34 1.70 0.00 | 36.67 2.15 0.00 | 61.65 3.65 0.00 | 37.51 2.18 0.00 | 26.94 1.48 0.00 | 24.74 1.33 0.00 | 22.11 1.14 0.00 | 18.74 1.01 0.00 |
| LOVETT___4 23642 | 24.10 1.03 0.00 | 20.23 0.85 0.00 | 21.32 0.89 0.00 | 20.20 0.84 0.00 | 20.85 0.89 0.00 | 21.76 0.96 0.00 | 26.48 1.24 0.00 | 43.98 2.16 0.00 | 26.38 1.41 0.00 | 23.54 1.32 0.00 | 25.13 1.51 0.00 | 25.13 1.59 0.00 | 23.67 1.52 0.00 | 24.06 1.53 0.00 | 23.83 1.56 0.00 | 26.55 1.68 0.00 | 28.34 1.70 0.00 | 36.67 2.15 0.00 | 61.65 3.65 0.00 | 37.51 2.18 0.00 | 26.94 1.48 0.00 | 24.74 1.33 0.00 | 22.11 1.14 0.00 | 18.74 1.01 0.00 |
| LOVETT___5 23593 | 24.10 1.03 0.00 | 20.23 0.85 0.00 | 21.32 0.89 0.00 | 20.20 0.84 0.00 | 20.85 0.89 0.00 | 21.76 0.96 0.00 | 26.48 1.24 0.00 | 43.98 2.16 0.00 | 26.38 1.41 0.00 | 23.54 1.32 0.00 | 25.13 1.51 0.00 | 25.13 1.59 0.00 | 23.67 1.52 0.00 | 24.06 1.53 0.00 | 23.83 1.56 0.00 | 26.55 1.68 0.00 | 28.34 1.70 0.00 | 36.67 2.15 0.00 | 61.65 3.65 0.00 | 37.51 2.18 0.00 | 26.94 1.48 0.00 | 24.74 1.33 0.00 | 22.11 1.14 0.00 | 18.74 1.01 0.00 |
| LOWER RAQUET___HYD 24057 | 23.72 0.64 0.00 | 19.85 0.46 0.00 | 20.90 0.46 0.00 | 19.82 0.45 0.00 | 20.48 0.51 0.00 | 21.53 0.74 0.00 | 25.98 1.31 0.57 | 44.28 2.47 0.00 | 26.22 1.25 0.00 | 22.99 0.77 0.00 | 24.23 0.61 0.00 | 23.79 0.25 0.00 | 22.09 -0.06 0.00 | 22.51 -0.02 0.00 | 22.35 0.09 0.00 | 25.25 0.37 0.00 | 27.98 1.34 0.00 | 36.79 2.27 0.00 | 62.39 4.38 0.00 | 67.62 1.97 -30.31 | 54.41 1.09 -27.85 | 53.58 0.78 -29.38 | 49.22 0.49 -27.76 | 10.15 0.26 7.84 |
| LOWER___HUDSON 24059 | 24.12 1.04 0.00 | 20.20 0.81 0.00 | 21.30 0.87 0.00 | 20.19 0.83 0.00 | 20.83 0.86 0.00 | 21.75 0.96 0.00 | 26.46 1.22 0.00 | 43.82 2.01 0.00 | 26.19 1.22 0.00 | 23.32 1.10 0.00 | 24.82 1.20 0.00 | 24.72 1.18 0.00 | 23.20 1.05 0.00 | 23.57 1.04 0.00 | 23.27 1.00 0.00 | 26.04 1.17 0.00 | 27.76 1.11 0.00 | 36.07 1.55 0.00 | 60.68 2.68 0.00 | 37.01 1.68 0.00 | 26.67 1.21 0.00 | 24.48 1.06 0.00 | 21.89 0.92 0.00 | 18.52 0.79 0.00 |
| LOWVILLE_115KV_TB2 356335 | 22.67 -0.40 0.00 | 19.02 -0.36 0.00 | 20.09 -0.34 0.00 | 19.03 -0.33 0.00 | 19.62 -0.34 0.00 | 20.58 -0.21 0.00 | 25.22 0.09 0.12 | 42.13 0.32 0.00 | 24.98 0.02 0.00 | 21.98 -0.24 0.00 | 23.50 -0.12 0.00 | 23.13 -0.42 0.00 | 21.56 -0.59 0.00 | 22.06 -0.47 0.00 | 21.79 -0.48 0.00 | 24.58 -0.29 0.00 | 27.08 0.43 0.00 | 35.45 0.92 0.00 | 60.16 2.16 0.00 | 44.59 0.62 -8.65 | 33.42 0.01 -7.94 | 31.65 -0.15 -8.38 | 28.60 -0.29 -7.92 | 16.20 -0.28 1.24 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 24.31 1.23 0.00 | 20.35 0.96 0.00 | 21.46 1.03 0.00 | 20.34 0.99 0.00 | 20.99 1.03 0.00 | 21.95 1.15 0.00 | 26.74 1.50 0.00 | 44.33 2.52 0.00 | 26.47 1.50 0.00 | 23.51 1.29 0.00 | 24.99 1.37 0.00 | 24.81 1.26 0.00 | 23.29 1.14 0.00 | 23.65 1.12 0.00 | 23.37 1.10 0.00 | 26.20 1.32 0.00 | 28.04 1.40 0.00 | 36.51 1.98 0.00 | 61.44 3.44 0.00 | 37.44 2.11 0.00 | 26.92 1.46 0.00 | 24.72 1.31 0.00 | 22.11 1.14 0.00 | 18.68 0.95 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 24.32 1.24 0.00 | 20.36 0.97 0.00 | 21.48 1.05 0.00 | 20.36 1.00 0.00 | 21.00 1.04 0.00 | 21.96 1.16 0.00 | 26.76 1.51 0.00 | 44.36 2.55 0.00 | 26.49 1.52 0.00 | 23.52 1.30 0.00 | 25.00 1.38 0.00 | 24.82 1.27 0.00 | 23.31 1.16 0.00 | 23.66 1.14 0.00 | 23.37 1.11 0.00 | 26.21 1.34 0.00 | 28.06 1.42 0.00 | 36.53 2.01 0.00 | 61.47 3.47 0.00 | 37.46 2.13 0.00 | 26.94 1.48 0.00 | 24.74 1.32 0.00 | 22.12 1.15 0.00 | 18.69 0.97 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 23.21 0.14 0.00 | 19.44 0.06 0.00 | 20.50 0.06 0.00 | 19.43 0.07 0.00 | 20.06 0.10 0.00 | 21.07 0.27 0.00 | 25.60 0.72 0.37 | 43.23 1.42 0.00 | 25.62 0.65 0.00 | 22.48 0.26 0.00 | 23.86 0.24 0.00 | 23.42 -0.12 0.00 | 21.78 -0.37 0.00 | 22.22 -0.30 0.00 | 22.03 -0.23 0.00 | 24.87 0.00 0.00 | 27.53 0.89 0.00 | 36.13 1.60 0.00 | 61.31 3.31 0.00 | 57.22 1.32 -20.57 | 44.94 0.58 -18.90 | 43.69 0.33 -19.94 | 39.92 0.11 -18.84 | 12.78 0.00 4.94 |
| LYONS_FALL_HYD 23570 | 23.01 -0.07 0.00 | 19.31 -0.07 0.00 | 20.39 -0.05 0.00 | 19.29 -0.06 0.00 | 19.92 -0.04 0.00 | 20.85 0.05 0.00 | 25.51 0.32 0.05 | 42.47 0.66 0.00 | 25.25 0.28 0.00 | 22.26 0.04 0.00 | 23.73 0.11 0.00 | 23.46 -0.08 0.00 | 21.96 -0.19 0.00 | 22.41 -0.12 0.00 | 22.15 -0.11 0.00 | 24.90 0.02 0.00 | 27.17 0.53 0.00 | 35.46 0.93 0.00 | 60.02 2.02 0.00 | 41.83 0.77 -5.73 | 30.98 0.25 -5.26 | 29.10 0.13 -5.55 | 26.22 0.01 -5.24 | 17.48 -0.04 0.22 |
| MADISON___COUNTY_LFGE 323628 | 23.46 0.38 0.00 | 19.69 0.31 0.00 | 20.77 0.34 0.00 | 19.66 0.30 0.00 | 20.31 0.34 0.00 | 21.24 0.45 0.00 | 25.90 0.66 0.00 | 43.02 1.21 0.00 | 25.65 0.68 0.00 | 22.66 0.44 0.00 | 24.03 0.41 0.00 | 23.88 0.33 0.00 | 22.47 0.32 0.00 | 22.87 0.34 0.00 | 22.62 0.35 0.00 | 25.28 0.41 0.00 | 27.28 0.63 0.00 | 35.55 1.02 0.00 | 59.98 1.98 0.00 | 38.14 1.08 -1.73 | 27.63 0.59 -1.59 | 25.62 0.53 -1.67 | 22.98 0.43 -1.58 | 18.33 0.31 -0.30 |
| MALONE___115KV_TB1 356076 | 23.19 0.12 0.00 | 19.42 0.03 0.00 | 20.43 0.00 0.00 | 19.39 0.03 0.00 | 19.95 -0.01 0.00 | 20.89 0.09 0.00 | 24.38 0.21 1.07 | 42.39 0.57 0.00 | 25.16 0.19 0.00 | 22.35 0.13 0.00 | 23.71 0.09 0.00 | 23.52 -0.02 0.00 | 21.93 -0.22 0.00 | 22.28 -0.24 0.00 | 22.07 -0.20 0.00 | 24.85 -0.03 0.00 | 27.11 0.47 0.00 | 35.19 0.67 0.00 | 59.06 1.06 0.00 | 90.41 0.08 -55.00 | 76.02 0.01 -50.54 | 76.62 -0.12 -53.32 | 71.13 -0.22 -50.37 | 2.24 -0.29 15.19 |
| MAPLEWOD_115KV_TB3 80458 | 24.00 0.93 0.00 | 20.14 0.75 0.00 | 21.24 0.80 0.00 | 20.13 0.78 0.00 | 20.76 0.80 0.00 | 21.65 0.86 0.00 | 26.34 1.10 0.00 | 43.64 1.83 0.00 | 26.09 1.13 0.00 | 23.23 1.01 0.00 | 24.74 1.12 0.00 | 24.63 1.09 0.00 | 23.16 1.01 0.00 | 23.54 1.01 0.00 | 23.19 0.92 0.00 | 25.95 1.08 0.00 | 27.69 1.05 0.00 | 35.94 1.42 0.00 | 60.57 2.57 0.00 | 36.99 1.66 0.00 | 26.60 1.14 0.00 | 24.36 0.94 0.00 | 21.77 0.80 0.00 | 18.41 0.69 0.00 |
| MAPLE_RIDGE_WT_1 323574 | -39.00 -0.81 61.27 | -39.00 -0.68 57.70 | -29.46 -0.73 49.17 | -0.70 -0.71 19.35 | -39.00 -0.74 58.23 | -39.00 -0.76 59.04 | -39.00 -0.94 63.30 | -23.73 -1.51 64.02 | -27.34 -0.95 51.36 | 11.18 -0.75 10.29 | 23.01 -0.62 0.00 | 22.95 -0.60 0.00 | 21.58 -0.57 0.00 | 22.00 -0.53 0.00 | 21.71 -0.56 0.00 | 24.30 -0.57 0.00 | 26.09 -0.56 0.00 | 33.85 -0.67 0.00 | 56.62 -1.38 0.00 | 32.49 -1.20 1.64 | -11.94 -0.96 36.44 | -18.90 -0.94 41.38 | -39.00 -0.85 59.12 | -35.00 -0.60 52.12 |
| MAPLE_RIDGE_WT_2 323611 | -39.00 -0.81 61.27 | -39.00 -0.68 57.70 | -29.46 -0.73 49.17 | -0.70 -0.71 19.35 | -39.00 -0.74 58.23 | -39.00 -0.76 59.04 | -39.00 -0.94 63.30 | -23.73 -1.51 64.02 | -27.34 -0.95 51.36 | 11.18 -0.75 10.29 | 23.01 -0.62 0.00 | 22.95 -0.60 0.00 | 21.58 -0.57 0.00 | 22.00 -0.53 0.00 | 21.71 -0.56 0.00 | 24.30 -0.57 0.00 | 26.09 -0.56 0.00 | 33.85 -0.67 0.00 | 56.62 -1.38 0.00 | 32.49 -1.20 1.64 | -11.94 -0.96 36.44 | -18.90 -0.94 41.38 | -39.00 -0.85 59.12 | -35.00 -0.60 52.12 |
| MARBLE_RIVER_WT_PWR 323696 | 22.72 -0.36 0.00 | 19.05 -0.33 0.00 | 20.07 -0.36 0.00 | 19.05 -0.31 0.00 | 19.58 -0.38 0.00 | 20.44 -0.36 0.00 | 23.41 -0.52 1.31 | 41.05 -0.76 0.00 | 24.44 -0.53 0.00 | 21.81 -0.41 0.00 | 23.23 -0.39 0.00 | 23.17 -0.37 0.00 | 21.68 -0.47 0.00 | 22.03 -0.50 0.00 | 21.82 -0.45 0.00 | 24.48 -0.40 0.00 | 26.54 -0.10 0.00 | 34.26 -0.27 0.00 | 57.26 -0.74 0.00 | -10.85 -1.07 45.12 | -16.71 -0.72 41.45 | -21.00 -0.69 43.73 | -21.00 -0.66 41.31 | -21.00 -0.62 38.11 |
| MARSHVLE_115KV_TB1 80742 | 24.08 1.00 0.00 | 20.25 0.86 0.00 | 21.33 0.90 0.00 | 20.18 0.82 0.00 | 20.83 0.87 0.00 | 21.74 0.95 0.00 | 26.42 1.18 0.00 | 43.95 2.14 0.00 | 26.17 1.21 0.00 | 23.06 0.84 0.00 | 24.33 0.71 0.00 | 24.06 0.52 0.00 | 22.67 0.52 0.00 | 23.06 0.54 0.00 | 22.86 0.59 0.00 | 25.60 0.73 0.00 | 27.64 0.99 0.00 | 36.27 1.74 0.00 | 61.02 3.01 0.00 | 37.15 1.82 0.00 | 26.68 1.21 0.00 | 24.55 1.13 0.00 | 21.95 0.98 0.00 | 18.54 0.81 0.00 |
| MARSH_HILL_WT_PWR 323713 | -22.30 -1.71 43.66 | -20.46 -1.43 38.42 | -19.82 -1.53 38.72 | -2.18 -1.53 20.00 | -16.07 -1.37 34.66 | -0.67 -1.30 20.17 | -5.19 -1.33 29.11 | 11.18 -2.18 28.45 | 9.43 -1.32 14.22 | 24.31 -1.34 -3.43 | 28.56 -1.62 -6.56 | 21.87 -1.69 -0.01 | 41.05 -1.33 -20.23 | 21.26 -1.27 0.00 | 21.12 -1.23 -0.08 | 24.76 -1.27 -1.15 | 25.52 -1.12 0.00 | 20.63 -1.27 12.62 | 32.41 -2.75 22.84 | 36.66 -1.97 -3.30 | 23.35 -2.17 -0.06 | 21.75 -1.67 0.00 | 19.50 -1.47 0.00 | 16.39 -1.34 0.00 |
| MCINTYRE_115KV_TB2 80467 | 24.57 1.50 0.00 | 20.55 1.16 0.00 | 21.63 1.19 0.00 | 20.51 1.15 0.00 | 21.25 1.28 0.00 | 22.40 1.61 0.00 | 27.20 2.52 0.57 | 46.35 4.54 0.00 | 27.39 2.42 0.00 | 23.81 1.59 0.00 | 24.84 1.22 0.00 | 24.27 0.72 0.00 | 22.44 0.29 0.00 | 22.88 0.35 0.00 | 22.80 0.53 0.00 | 25.81 0.94 0.00 | 28.87 2.22 0.00 | 38.28 3.75 0.00 | 65.26 7.26 0.00 | 69.37 3.73 -30.31 | 55.57 2.26 -27.85 | 54.59 1.80 -29.38 | 50.06 1.33 -27.76 | 10.80 0.92 7.84 |
| MECO_____69_KV_BK1 80468 | 24.46 1.38 0.00 | 20.53 1.15 0.00 | 21.63 1.19 0.00 | 20.47 1.11 0.00 | 21.14 1.18 0.00 | 22.09 1.29 0.00 | 26.92 1.68 0.00 | 44.80 2.99 0.00 | 26.65 1.68 0.00 | 23.48 1.26 0.00 | 24.69 1.06 0.00 | 24.09 0.54 0.00 | 22.61 0.46 0.00 | 22.96 0.43 0.00 | 22.76 0.50 0.00 | 25.69 0.82 0.00 | 27.76 1.12 0.00 | 36.83 2.31 0.00 | 62.29 4.29 0.00 | 37.92 2.59 0.00 | 27.21 1.75 0.00 | 24.98 1.57 0.00 | 22.31 1.34 0.00 | 18.83 1.10 0.00 |
| MENANDS___115KV_TB5 355628 | 23.90 0.83 0.00 | 20.05 0.67 0.00 | 21.15 0.72 0.00 | 20.05 0.70 0.00 | 20.68 0.72 0.00 | 21.56 0.77 0.00 | 26.22 0.98 0.00 | 43.42 1.61 0.00 | 25.97 1.01 0.00 | 23.13 0.92 0.00 | 24.66 1.04 0.00 | 24.57 1.02 0.00 | 23.09 0.94 0.00 | 23.48 0.95 0.00 | 23.11 0.84 0.00 | 25.84 0.97 0.00 | 27.55 0.91 0.00 | 35.75 1.22 0.00 | 60.25 2.24 0.00 | 36.81 1.48 0.00 | 26.47 1.01 0.00 | 24.23 0.81 0.00 | 21.66 0.69 0.00 | 18.33 0.60 0.00 |
| MG INDUSTRY___DRP 24185 | 23.89 0.81 0.00 | 20.06 0.67 0.00 | 21.16 0.73 0.00 | 20.07 0.71 0.00 | 20.69 0.73 0.00 | 21.54 0.74 0.00 | 26.17 0.93 0.00 | 43.30 1.49 0.00 | 25.86 0.89 0.00 | 22.95 0.73 0.00 | 24.40 0.78 0.00 | 24.30 0.76 0.00 | 22.85 0.71 0.00 | 23.25 0.72 0.00 | 22.90 0.63 0.00 | 25.64 0.76 0.00 | 27.44 0.80 0.00 | 35.66 1.14 0.00 | 60.10 2.09 0.00 | 36.70 1.37 0.00 | 26.39 0.93 0.00 | 24.18 0.77 0.00 | 21.63 0.66 0.00 | 18.31 0.58 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 23.21 0.14 0.00 | 19.44 0.06 0.00 | 20.50 0.06 0.00 | 19.43 0.07 0.00 | 20.06 0.10 0.00 | 21.07 0.27 0.00 | 25.60 0.72 0.37 | 43.23 1.42 0.00 | 25.62 0.65 0.00 | 22.48 0.26 0.00 | 23.86 0.24 0.00 | 23.42 -0.12 0.00 | 21.78 -0.37 0.00 | 22.22 -0.30 0.00 | 22.03 -0.23 0.00 | 24.87 0.00 0.00 | 27.53 0.89 0.00 | 36.13 1.60 0.00 | 61.31 3.31 0.00 | 57.22 1.32 -20.57 | 44.94 0.58 -18.90 | 43.69 0.33 -19.94 | 39.92 0.11 -18.84 | 12.78 0.00 4.94 |
| MID___RAQUETTE_HYD 23851 | 23.72 0.65 0.00 | 19.85 0.47 0.00 | 20.90 0.46 0.00 | 19.81 0.45 0.00 | 20.48 0.51 0.00 | 21.53 0.74 0.00 | 25.99 1.31 0.57 | 44.28 2.47 0.00 | 26.22 1.25 0.00 | 22.99 0.77 0.00 | 24.23 0.61 0.00 | 23.79 0.25 0.00 | 22.09 -0.06 0.00 | 22.51 -0.02 0.00 | 22.35 0.09 0.00 | 25.25 0.37 0.00 | 27.99 1.34 0.00 | 36.79 2.27 0.00 | 62.37 4.36 0.00 | 67.62 1.98 -30.31 | 54.41 1.09 -27.85 | 53.58 0.78 -29.38 | 49.22 0.49 -27.76 | 10.15 0.26 7.84 |
| MILLIKEN___1 23584 | 122.12 0.48 -98.57 | 106.49 0.38 -86.72 | 108.26 0.41 -87.41 | 64.92 0.40 -45.16 | 98.65 0.44 -78.25 | 66.87 0.53 -45.54 | 91.71 0.75 -65.71 | 107.59 1.56 -64.22 | 58.78 0.91 -32.90 | 25.94 0.63 -3.09 | 34.13 0.54 -9.97 | 24.10 0.55 0.00 | 25.21 0.62 -2.44 | 23.17 0.64 0.00 | 22.97 0.69 -0.01 | 25.74 0.73 -0.14 | 27.57 0.92 0.00 | 68.95 1.50 -32.94 | 169.20 2.70 -108.49 | 83.07 1.47 -46.28 | 25.78 0.31 -0.01 | 23.76 0.35 0.00 | 21.24 0.26 0.00 | 17.87 0.14 0.00 |
| MILLIKEN___2 23585 | 122.12 0.48 -98.57 | 106.49 0.38 -86.72 | 108.26 0.41 -87.41 | 64.92 0.40 -45.16 | 98.65 0.44 -78.25 | 66.87 0.53 -45.54 | 91.71 0.75 -65.71 | 107.59 1.56 -64.22 | 58.78 0.91 -32.90 | 25.94 0.63 -3.09 | 34.13 0.54 -9.97 | 24.10 0.55 0.00 | 25.21 0.62 -2.44 | 23.17 0.64 0.00 | 22.97 0.69 -0.01 | 25.74 0.73 -0.14 | 27.57 0.92 0.00 | 68.95 1.50 -32.94 | 169.20 2.70 -108.49 | 83.07 1.47 -46.28 | 25.78 0.31 -0.01 | 23.76 0.35 0.00 | 21.24 0.26 0.00 | 17.87 0.14 0.00 |
| MILLIKEN___DIESEL 23629 | 122.12 0.48 -98.57 | 106.49 0.38 -86.72 | 108.26 0.41 -87.41 | 64.92 0.40 -45.16 | 98.65 0.44 -78.25 | 66.87 0.53 -45.54 | 91.71 0.75 -65.71 | 107.59 1.56 -64.22 | 58.78 0.91 -32.90 | 25.94 0.63 -3.09 | 34.13 0.54 -9.97 | 24.10 0.55 0.00 | 25.21 0.62 -2.44 | 23.17 0.64 0.00 | 22.97 0.69 -0.01 | 25.74 0.73 -0.14 | 27.57 0.92 0.00 | 68.95 1.50 -32.94 | 169.20 2.70 -108.49 | 83.07 1.47 -46.28 | 25.78 0.31 -0.01 | 23.76 0.35 0.00 | 21.24 0.26 0.00 | 17.87 0.14 0.00 |
| MILLSEAT___LFGE 323607 | 6.26 -0.91 15.91 | 4.64 -0.75 14.00 | 5.46 -0.86 14.11 | 11.19 -0.88 7.29 | 6.50 -0.83 12.63 | 12.60 -0.85 7.35 | 13.85 -0.79 10.61 | 30.16 -1.28 10.37 | 18.71 -0.62 5.63 | 19.95 -0.74 1.53 | 18.86 -0.77 4.00 | 22.54 -1.00 0.00 | 16.61 -0.71 4.83 | 21.56 -0.96 0.00 | 21.27 -0.97 0.02 | 23.58 -1.02 0.27 | 25.43 -1.21 0.00 | 27.39 -1.52 5.61 | 34.58 -2.34 21.08 | 23.20 -1.10 11.03 | 24.35 -1.10 0.01 | 22.93 -0.49 0.00 | 20.62 -0.35 0.00 | 17.14 -0.59 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 24.15 1.08 0.00 | 20.27 0.89 0.00 | 21.35 0.92 0.00 | 20.23 0.88 0.00 | 20.88 0.92 0.00 | 21.79 0.99 0.00 | 26.52 1.27 0.00 | 44.04 2.23 0.00 | 26.43 1.46 0.00 | 23.59 1.37 0.00 | 25.19 1.57 0.00 | 25.18 1.64 0.00 | 23.72 1.57 0.00 | 24.12 1.59 0.00 | 23.87 1.60 0.00 | 26.59 1.72 0.00 | 28.39 1.75 0.00 | 36.75 2.22 0.00 | 61.73 3.73 0.00 | 37.57 2.24 0.00 | 27.00 1.54 0.00 | 24.80 1.38 0.00 | 22.17 1.19 0.00 | 18.78 1.05 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 24.18 1.10 0.00 | 20.29 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.90 0.00 | 20.91 0.95 0.00 | 21.81 1.02 0.00 | 26.56 1.31 0.00 | 44.11 2.31 0.00 | 26.47 1.50 0.00 | 23.63 1.41 0.00 | 25.23 1.61 0.00 | 25.21 1.67 0.00 | 23.76 1.61 0.00 | 24.15 1.63 0.00 | 23.90 1.63 0.00 | 26.64 1.76 0.00 | 28.44 1.80 0.00 | 36.81 2.28 0.00 | 61.84 3.83 0.00 | 37.63 2.30 0.00 | 27.04 1.58 0.00 | 24.83 1.41 0.00 | 22.19 1.22 0.00 | 18.81 1.08 0.00 |
| MODEL_CITY_ENERGY 24167 | 4.49 -1.48 17.11 | 3.12 -1.21 15.05 | 3.92 -1.34 15.17 | 10.17 -1.35 7.84 | 5.06 -1.32 13.58 | 11.47 -1.42 7.90 | 12.33 -1.51 11.41 | 28.04 -2.62 11.15 | 17.72 -1.39 5.85 | 19.27 -1.36 1.59 | 18.12 -1.36 4.14 | 22.00 -1.54 0.00 | 15.94 -1.16 5.05 | 21.03 -1.49 0.00 | 20.72 -1.53 0.02 | 22.88 -1.71 0.28 | 24.63 -2.01 0.00 | 25.73 -2.70 6.10 | 30.32 -4.34 23.34 | 20.45 -2.29 12.59 | 23.43 -2.02 0.01 | 22.17 -1.25 0.00 | 20.00 -0.98 0.00 | 16.61 -1.12 0.00 |
| MODERN_LFGE___ 323580 | 4.49 -1.48 17.11 | 3.12 -1.21 15.05 | 3.92 -1.34 15.17 | 10.17 -1.35 7.84 | 5.06 -1.32 13.58 | 11.47 -1.42 7.90 | 12.33 -1.51 11.41 | 28.04 -2.62 11.15 | 17.72 -1.39 5.85 | 19.27 -1.36 1.59 | 18.12 -1.36 4.14 | 22.00 -1.54 0.00 | 15.94 -1.16 5.05 | 21.03 -1.49 0.00 | 20.72 -1.53 0.02 | 22.88 -1.71 0.28 | 24.63 -2.01 0.00 | 25.73 -2.70 6.10 | 30.32 -4.34 23.34 | 20.45 -2.29 12.59 | 23.43 -2.02 0.01 | 22.17 -1.25 0.00 | 20.00 -0.98 0.00 | 16.61 -1.12 0.00 |
| MOHAWK_PAPER___DRP 24187 | 24.00 0.93 0.00 | 20.14 0.75 0.00 | 21.24 0.80 0.00 | 20.13 0.78 0.00 | 20.76 0.80 0.00 | 21.65 0.86 0.00 | 26.34 1.10 0.00 | 43.64 1.83 0.00 | 26.09 1.13 0.00 | 23.23 1.01 0.00 | 24.74 1.12 0.00 | 24.63 1.09 0.00 | 23.16 1.01 0.00 | 23.54 1.01 0.00 | 23.19 0.92 0.00 | 25.95 1.08 0.00 | 27.69 1.05 0.00 | 35.94 1.42 0.00 | 60.57 2.57 0.00 | 36.99 1.66 0.00 | 26.60 1.14 0.00 | 24.36 0.94 0.00 | 21.77 0.80 0.00 | 18.41 0.69 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 24.43 1.36 0.00 | 20.38 1.00 0.00 | 21.54 1.11 0.00 | 20.42 1.07 0.00 | 21.08 1.12 0.00 | 22.11 1.31 0.00 | 27.00 1.75 0.00 | 44.80 2.99 0.00 | 26.74 1.77 0.00 | 23.71 1.49 0.00 | 25.19 1.57 0.00 | 24.97 1.42 0.00 | 23.41 1.26 0.00 | 23.73 1.20 0.00 | 23.39 1.12 0.00 | 26.24 1.36 0.00 | 28.09 1.45 0.00 | 36.70 2.18 0.00 | 61.73 3.73 0.00 | 37.64 2.31 0.00 | 27.01 1.55 0.00 | 24.82 1.41 0.00 | 22.23 1.25 0.00 | 18.74 1.01 0.00 |
| MONGAUP___HYD 23641 | 24.64 1.56 0.00 | 20.65 1.27 0.00 | 21.75 1.31 0.00 | 20.59 1.23 0.00 | 21.27 1.30 0.00 | 22.22 1.42 0.00 | 27.15 1.90 0.00 | 45.17 3.37 0.00 | 27.03 2.06 0.00 | 23.89 1.68 0.00 | 25.24 1.62 0.00 | 25.12 1.57 0.00 | 23.63 1.48 0.00 | 24.04 1.52 0.00 | 23.83 1.57 0.00 | 26.72 1.85 0.00 | 28.78 2.14 0.00 | 37.46 2.94 0.00 | 63.28 5.28 0.00 | 38.54 3.21 0.00 | 27.64 2.18 0.00 | 25.40 1.99 0.00 | 22.66 1.69 0.00 | 19.13 1.41 0.00 |
| MONTAUK___DIESEL 23721 | 23.49 0.42 0.00 | 19.74 0.35 0.00 | 20.72 0.29 0.00 | 19.78 0.42 0.00 | 20.64 0.67 0.00 | 22.20 1.40 0.00 | 27.40 2.16 0.00 | 44.92 3.11 0.00 | 27.13 2.16 0.00 | 24.10 1.88 0.00 | 25.81 2.19 0.00 | 25.76 2.22 0.00 | 24.06 1.91 0.00 | 24.12 1.59 0.00 | 23.37 1.10 0.00 | 13.12 1.07 12.82 | 25.70 1.51 2.45 | 36.52 2.00 0.00 | 59.78 2.93 1.16 | 36.96 1.63 0.00 | 26.68 1.22 0.00 | 24.29 0.87 0.00 | 21.84 0.87 0.00 | 18.45 0.72 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 0.07 -1.57 21.43 | -0.74 -1.27 18.86 | 0.03 -1.40 19.01 | 8.22 -1.32 9.82 | 1.77 -1.18 17.02 | 9.79 -1.10 9.90 | 9.71 -1.24 14.29 | 25.87 -1.97 13.97 | 16.71 -1.00 7.26 | 19.75 -0.89 1.58 | 18.55 -0.83 4.25 | 22.71 -0.83 0.00 | 17.01 -0.61 4.54 | 21.83 -0.70 0.00 | 21.55 -0.70 0.02 | 23.83 -0.79 0.26 | 25.51 -1.13 0.00 | 25.60 -1.42 7.50 | 27.95 -2.51 27.55 | 19.72 -1.45 14.15 | 23.79 -1.66 0.01 | 22.50 -0.92 0.00 | 20.21 -0.77 0.00 | 16.80 -0.93 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|------------------------|
| MORRIS_RIDGE___SOLAR 323848 | -7.13 -1.46 28.75 | -7.11 -1.21 25.29 | -6.35 -1.29 25.49 | 4.96 -1.23 13.17 | -4.02 -1.16 22.82 | 6.38 -1.14 13.28 | 4.83 -1.24 19.16 | 21.11 -1.98 18.73 | 13.66 -1.19 10.12 | 13.60 -1.28 7.34 | 4.45 -1.52 17.65 | 22.06 -1.48 0.01 | -8.33 -1.20 29.28 | 21.34 -1.19 0.00 | 21.01 -1.14 0.12 | 21.94 -1.26 1.67 | 25.42 -1.22 0.01 | 20.88 -1.46 12.19 | -9.08 -2.64 64.44 | -11.20 -1.66 44.86 | 23.66 -1.71 0.09 | 22.28 -1.13 0.00 | 19.97 -1.00 0.00 | 16.69 -1.04 0.00 |
| MORTIMER_115KV_TB3 55949 | 9.52 -0.90 12.65 | 7.52 -0.73 11.13 | 8.38 -0.83 11.22 | 12.75 -0.81 5.80 | 9.12 -0.81 10.04 | 14.16 -0.79 5.85 | 15.96 -0.85 8.43 | 32.19 -1.38 8.24 | 20.10 -0.67 4.20 | 21.20 -0.69 0.32 | 21.74 -0.77 1.11 | 22.79 -0.75 0.00 | 21.45 -0.69 0.00 | 21.80 -0.73 0.00 | 21.53 -0.73 0.00 | 24.07 -0.80 0.00 | 25.75 -0.89 0.00 | 29.02 -1.31 4.20 | 42.25 -2.22 13.54 | 28.59 -1.16 5.58 | 24.59 -0.87 0.00 | 22.93 -0.49 0.00 | 20.60 -0.37 0.00 | 17.22 -0.51 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.46 1.03 0.00 | 20.34 0.98 0.00 | 20.99 1.03 0.00 | 21.89 1.09 0.00 | 26.65 1.40 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.75 1.53 0.00 | 25.39 1.77 0.00 | 25.38 1.83 0.00 | 23.93 1.78 0.00 | 24.33 1.80 0.00 | 24.09 1.82 0.00 | 26.83 1.95 0.00 | 28.62 1.98 0.00 | 36.99 2.46 0.00 | 62.07 4.07 0.00 | 37.78 2.45 0.00 | 27.19 1.73 0.00 | 24.96 1.55 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 66.94 0.83 -43.04 | 57.96 0.70 -37.87 | 59.34 0.74 -38.17 | 39.81 0.73 -19.72 | 55.02 0.89 -34.17 | 41.84 1.15 -19.88 | 55.69 1.75 -28.70 | 73.15 3.30 -28.04 | 41.17 1.83 -14.37 | 24.99 1.34 -1.43 | 29.47 1.29 -4.55 | 24.83 1.28 0.00 | 24.90 1.31 -1.45 | 23.91 1.39 0.00 | 23.66 1.39 -0.01 | 26.45 1.49 -0.08 | 28.44 1.79 0.00 | 51.79 2.85 -14.42 | 110.82 4.94 -47.88 | 58.79 2.81 -20.65 | 26.81 1.35 0.00 | 24.67 1.25 0.00 | 22.02 1.05 0.00 | 18.43 0.70 0.00 |
| N SALMON___HYD 24042 | 23.20 0.12 0.00 | 19.42 0.03 0.00 | 20.44 0.00 0.00 | 19.39 0.03 0.00 | 19.95 -0.01 0.00 | 20.89 0.09 0.00 | 24.38 0.21 1.07 | 42.38 0.57 0.00 | 25.16 0.19 0.00 | 22.35 0.13 0.00 | 23.71 0.09 0.00 | 23.52 -0.02 0.00 | 21.93 -0.22 0.00 | 22.28 -0.24 0.00 | 22.07 -0.20 0.00 | 24.85 -0.03 0.00 | 27.11 0.47 0.00 | 35.19 0.67 0.00 | 59.10 1.09 0.00 | 90.41 0.08 -55.00 | 76.02 0.01 -50.54 | 76.62 -0.12 -53.32 | 71.13 -0.22 -50.37 | 2.24 -0.30 15.19 |
| N.AKRON__115KV_KNAPP 355671 | 5.86 -0.99 16.22 | 4.31 -0.80 14.27 | 5.13 -0.92 14.39 | 10.98 -0.94 7.43 | 6.19 -0.89 12.88 | 12.38 -0.92 7.50 | 13.54 -0.88 10.82 | 29.73 -1.51 10.57 | 18.61 -0.69 5.66 | 19.88 -0.82 1.52 | 18.79 -0.85 3.98 | 22.50 -1.04 0.00 | 16.58 -0.77 4.80 | 21.50 -1.02 0.00 | 21.22 -1.02 0.02 | 23.48 -1.12 0.27 | 25.33 -1.31 0.00 | 27.06 -1.72 5.74 | 33.55 -2.72 21.74 | 22.55 -1.29 11.49 | 24.20 -1.25 0.01 | 22.81 -0.60 0.00 | 20.54 -0.43 0.00 | 17.05 -0.68 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 24.26 1.18 0.00 | 20.37 0.99 0.00 | 21.39 0.95 0.00 | 20.28 0.93 0.00 | 20.94 0.98 0.00 | 21.94 1.14 0.00 | 26.66 1.42 0.00 | 44.05 2.24 0.00 | 26.49 1.52 0.00 | 23.74 1.52 0.00 | 25.48 1.86 0.00 | 25.40 1.85 0.00 | 23.90 1.75 0.00 | 24.18 1.65 0.00 | 23.77 1.50 0.00 | 18.19 1.49 8.17 | 26.64 1.55 1.56 | 36.65 2.13 0.00 | 60.78 3.51 0.73 | 37.43 2.10 0.00 | 27.00 1.54 0.00 | 24.85 1.44 0.00 | 22.32 1.35 0.00 | 18.88 1.16 0.00 |
| N.E_GEN_SANDY PD 24062 | 24.12 1.05 0.00 | 24.92 0.82 -4.72 | 27.14 0.86 -5.85 | 26.68 0.81 -6.50 | 35.50 0.85 -14.68 | 25.32 0.96 -3.57 | 31.28 1.21 -4.83 | 47.35 2.02 -3.52 | 27.21 1.27 -0.97 | 23.40 1.18 0.00 | 25.71 1.33 -0.75 | 25.32 1.34 -0.43 | 23.39 1.24 0.00 | 23.93 1.24 -0.17 | 23.08 1.20 0.38 | 26.24 1.36 0.00 | 27.90 1.32 0.06 | 36.27 1.75 0.00 | 61.25 2.99 -0.26 | 37.24 1.85 -0.06 | 26.15 1.32 0.63 | 26.93 1.18 -2.33 | 25.80 1.02 -3.81 | 25.26 0.91 -6.63 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 24.15 1.08 0.00 | 20.27 0.89 0.00 | 21.36 0.93 0.00 | 20.24 0.88 0.00 | 20.89 0.93 0.00 | 21.80 1.01 0.00 | 26.54 1.30 0.00 | 44.09 2.28 0.00 | 26.44 1.47 0.00 | 23.59 1.37 0.00 | 25.18 1.56 0.00 | 25.18 1.64 0.00 | 23.72 1.57 0.00 | 24.12 1.60 0.00 | 23.89 1.62 0.00 | 26.63 1.75 0.00 | 28.43 1.78 0.00 | 36.79 2.27 0.00 | 61.83 3.83 0.00 | 37.62 2.29 0.00 | 27.01 1.54 0.00 | 24.81 1.39 0.00 | 22.17 1.20 0.00 | 18.78 1.05 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 24.17 1.10 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.28 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.13 2.32 0.00 | 26.58 1.61 0.00 | 23.68 1.46 0.00 | 25.38 1.76 0.00 | 25.34 1.79 0.00 | 23.91 1.76 0.00 | 24.30 1.77 0.00 | 24.06 1.79 0.00 | 26.78 1.91 0.00 | 28.58 1.94 0.00 | 36.91 2.38 0.00 | 61.93 3.93 0.00 | 37.76 2.43 0.00 | 27.16 1.70 0.00 | 24.91 1.50 0.00 | 22.26 1.29 0.00 | 18.87 1.14 0.00 |
| N.TROY___115KV_TB1 355778 | 24.11 1.04 0.00 | 20.20 0.81 0.00 | 21.30 0.86 0.00 | 20.19 0.83 0.00 | 20.82 0.86 0.00 | 21.75 0.96 0.00 | 26.46 1.22 0.00 | 43.82 2.01 0.00 | 26.19 1.22 0.00 | 23.32 1.10 0.00 | 24.82 1.20 0.00 | 24.72 1.18 0.00 | 23.20 1.05 0.00 | 23.57 1.04 0.00 | 23.27 1.00 0.00 | 26.04 1.16 0.00 | 27.75 1.11 0.00 | 36.07 1.55 0.00 | 60.68 2.68 0.00 | 37.01 1.68 0.00 | 26.67 1.21 0.00 | 24.48 1.06 0.00 | 21.89 0.92 0.00 | 18.52 0.79 0.00 |
| NARROWS_GT1_1 24228 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_2 24229 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_3 24230 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_4 24231 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT1_5 24232 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_6 24233 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_7 24234 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT1_8 24235 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.19 4.19 0.00 | 37.96 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NARROWS_GT2_1 24236 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_2 24237 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_3 24238 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_4 24239 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_5 24240 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_6 24241 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_7 24242 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NARROWS_GT2_8 24243 | 24.34 1.26 0.00 | 20.44 1.06 0.00 | 21.54 1.10 0.00 | 20.40 1.05 0.00 | 21.06 1.10 0.00 | 21.97 1.17 0.00 | 26.74 1.50 0.00 | 44.40 2.59 0.00 | 26.76 1.79 0.00 | 23.87 1.65 0.00 | 25.52 1.90 0.00 | 25.50 1.96 0.00 | 24.07 1.93 0.00 | 24.46 1.93 0.00 | 24.22 1.95 0.00 | 26.98 2.10 0.00 | 28.77 2.13 0.00 | 37.17 2.64 0.00 | 62.30 4.29 0.00 | 37.99 2.66 0.00 | 27.37 1.91 0.00 | 25.10 1.68 0.00 | 22.44 1.47 0.00 | 19.00 1.27 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 24.30 1.22 0.00 | 20.37 0.98 0.00 | 21.49 1.06 0.00 | 20.38 1.03 0.00 | 21.02 1.06 0.00 | 21.94 1.14 0.00 | 26.74 1.50 0.00 | 44.34 2.53 0.00 | 26.46 1.49 0.00 | 23.38 1.16 0.00 | 24.74 1.12 0.00 | 24.50 0.95 0.00 | 22.99 0.84 0.00 | 23.38 0.85 0.00 | 23.02 0.75 0.00 | 25.85 0.98 0.00 | 27.73 1.09 0.00 | 36.24 1.71 0.00 | 61.44 3.43 0.00 | 37.56 2.23 0.00 | 26.96 1.50 0.00 | 24.63 1.21 0.00 | 21.98 1.01 0.00 | 18.55 0.83 0.00 |
| NCHELSEA_115KV_TR2 355582 | 24.34 1.27 0.00 | 20.41 1.03 0.00 | 21.50 1.07 0.00 | 20.37 1.02 0.00 | 21.02 1.06 0.00 | 21.95 1.15 0.00 | 26.74 1.49 0.00 | 44.44 2.63 0.00 | 26.64 1.67 0.00 | 23.74 1.52 0.00 | 25.31 1.69 0.00 | 25.27 1.72 0.00 | 23.79 1.64 0.00 | 24.19 1.67 0.00 | 23.97 1.70 0.00 | 26.76 1.89 0.00 | 28.60 1.96 0.00 | 37.06 2.53 0.00 | 62.26 4.26 0.00 | 37.89 2.56 0.00 | 27.20 1.74 0.00 | 24.97 1.55 0.00 | 22.30 1.33 0.00 | 18.88 1.15 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 24.34 1.26 0.00 | 20.37 0.99 0.00 | 21.49 1.06 0.00 | 20.36 1.01 0.00 | 21.01 1.05 0.00 | 21.97 1.18 0.00 | 26.77 1.53 0.00 | 44.39 2.58 0.00 | 26.51 1.54 0.00 | 23.54 1.33 0.00 | 25.03 1.41 0.00 | 24.87 1.33 0.00 | 23.35 1.21 0.00 | 23.71 1.18 0.00 | 23.42 1.15 0.00 | 26.26 1.39 0.00 | 28.09 1.45 0.00 | 36.57 2.05 0.00 | 61.57 3.56 0.00 | 37.53 2.20 0.00 | 26.98 1.52 0.00 | 24.77 1.35 0.00 | 22.14 1.17 0.00 | 18.71 0.98 0.00 |

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|-------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 10.40 -1.10 11.57 | 8.29 -0.92 10.18 | 9.17 -1.00 10.26 | 13.09 -0.97 5.30 | 9.82 -0.96 9.19 | 14.51 -0.95 5.35 | 16.49 -1.04 7.71 | 32.58 -1.69 7.54 | 20.21 -0.91 3.85 | 21.02 -0.90 0.30 | 21.60 -1.00 1.02 | 22.55 -0.99 0.00 | 21.24 -0.91 0.00 | 21.59 -0.94 0.00 | 21.33 -0.94 0.00 | 23.83 -1.05 0.00 | 25.49 -1.15 0.00 | 29.10 -1.59 3.84 | 42.91 -2.69 12.40 | 28.72 -1.50 5.11 | 24.35 -1.11 0.00 | 22.62 -0.79 0.00 | 20.30 -0.67 0.00 | 17.01 -0.72 0.00 |
| NEG CENTRAL___DRP 24199 | 5.66 -0.49 16.93 | 4.08 -0.41 14.90 | 4.97 -0.45 15.01 | 11.18 -0.42 7.76 | 6.11 -0.41 13.44 | 12.60 -0.38 7.82 | 13.59 -0.37 11.29 | 30.20 -0.58 11.03 | 19.05 -0.31 5.61 | 21.81 -0.39 0.02 | 22.53 -0.55 0.54 | 22.97 -0.57 0.00 | 23.53 -0.47 -1.86 | 22.07 -0.46 0.00 | 21.84 -0.43 -0.01 | 24.53 -0.45 -0.11 | 26.26 -0.38 0.00 | 28.66 -0.42 5.44 | 41.39 -0.66 15.96 | 29.48 -0.43 5.43 | 25.05 -0.42 -0.01 | 23.16 -0.25 0.00 | 20.74 -0.24 0.00 | 17.44 -0.29 0.00 |
| NEG CENTRAL___INDECK 23768 | -4.52 -0.59 27.00 | -4.87 -0.50 23.76 | -4.10 -0.59 23.95 | 6.40 -0.59 12.37 | -1.98 -0.51 21.44 | 7.91 -0.42 12.47 | 6.98 -0.25 18.00 | 23.98 -0.23 17.59 | 16.22 -0.10 8.64 | 25.71 -0.49 -3.99 | 31.13 -0.83 -8.33 | 22.75 -0.80 -0.01 | 42.32 -0.62 -20.78 | 21.91 -0.62 0.00 | 21.76 -0.60 -0.09 | 25.45 -0.61 -1.19 | 26.28 -0.37 0.00 | 27.21 -0.26 7.05 | 53.19 -0.31 4.50 | 46.33 -0.18 -11.18 | 25.06 -0.46 -0.06 | 23.30 -0.12 0.00 | 20.87 -0.10 0.00 | 17.42 -0.31 0.00 |
| NEG CENTRAL___SENECA 23627 | -2.97 -0.47 25.59 | -3.53 -0.40 22.51 | -2.69 -0.44 22.69 | 7.22 -0.41 11.72 | -0.74 -0.39 20.31 | 8.65 -0.33 11.82 | 7.92 -0.26 17.06 | 24.84 -0.30 16.67 | 16.34 -0.15 8.47 | 21.97 -0.29 -0.04 | 22.49 -0.46 0.66 | 23.07 -0.48 0.00 | 24.88 -0.37 -3.10 | 22.19 -0.34 0.00 | 21.98 -0.30 -0.01 | 24.76 -0.29 -0.18 | 26.44 -0.20 0.00 | 26.16 -0.17 8.20 | 34.03 -0.21 23.76 | 27.26 -0.21 7.86 | 25.06 -0.41 -0.01 | 23.21 -0.21 0.00 | 20.75 -0.22 0.00 | 17.42 -0.31 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 14.89 -0.35 7.83 | 12.21 -0.29 6.89 | 13.16 -0.32 6.94 | 15.47 -0.29 3.59 | 13.45 -0.29 6.22 | 16.90 -0.28 3.62 | 19.72 -0.30 5.22 | 35.97 -0.74 5.10 | 21.95 -0.41 2.61 | 21.57 -0.45 0.20 | 22.37 -0.56 0.69 | 22.97 -0.58 0.00 | 21.65 -0.50 0.00 | 22.02 -0.51 0.00 | 21.77 -0.49 0.00 | 24.32 -0.55 0.00 | 26.14 -0.50 0.00 | 31.31 -0.62 2.60 | 48.64 -0.99 8.38 | 31.31 -0.57 3.46 | 25.14 -0.32 0.00 | 23.22 -0.20 0.00 | 20.81 -0.16 0.00 | 17.53 -0.19 0.00 |
| NEG MILLWOOD___DRP 24198 | 24.44 1.36 0.00 | 20.48 1.10 0.00 | 21.58 1.15 0.00 | 20.45 1.09 0.00 | 21.10 1.14 0.00 | 22.04 1.24 0.00 | 26.87 1.63 0.00 | 44.67 2.86 0.00 | 26.79 1.82 0.00 | 23.88 1.66 0.00 | 25.47 1.85 0.00 | 25.43 1.89 0.00 | 23.95 1.80 0.00 | 24.29 1.76 0.00 | 24.03 1.76 0.00 | 26.81 1.93 0.00 | 28.65 2.01 0.00 | 37.10 2.57 0.00 | 62.38 4.37 0.00 | 37.96 2.63 0.00 | 27.26 1.80 0.00 | 25.02 1.61 0.00 | 22.34 1.37 0.00 | 18.91 1.19 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 22.94 -0.13 0.00 | 19.23 -0.16 0.00 | 20.23 -0.20 0.00 | 19.21 -0.14 0.00 | 19.73 -0.23 0.00 | 20.57 -0.22 0.00 | 23.59 -0.35 1.31 | 41.37 -0.45 0.00 | 24.63 -0.34 0.00 | 21.97 -0.25 0.00 | 23.43 -0.19 0.00 | 23.36 -0.18 0.00 | 21.83 -0.32 0.00 | 22.16 -0.36 0.00 | 22.05 -0.22 0.00 | 24.80 -0.07 0.00 | 26.86 0.22 0.00 | 34.73 0.20 0.00 | 58.02 0.02 0.00 | -10.83 -0.61 45.55 | -16.81 -0.42 41.85 | -21.19 -0.46 44.15 | -21.21 -0.47 41.71 | -20.75 -0.50 37.98 |
| NEG NORTH_KES_CHATEGAY 23792 | 22.82 -0.25 0.00 | 19.12 -0.27 0.00 | 20.12 -0.32 0.00 | 19.09 -0.27 0.00 | 19.62 -0.34 0.00 | 20.49 -0.31 0.00 | 23.58 -0.42 1.24 | 41.27 -0.54 0.00 | 24.52 -0.45 0.00 | 21.87 -0.35 0.00 | 23.27 -0.35 0.00 | 23.18 -0.36 0.00 | 21.67 -0.47 0.00 | 22.00 -0.52 0.00 | 21.77 -0.50 0.00 | 24.47 -0.40 0.00 | 26.56 -0.08 0.00 | 34.32 -0.21 0.00 | 57.42 -0.59 0.00 | -14.16 -0.90 48.60 | -19.78 -0.59 44.65 | -24.32 -0.64 47.10 | -24.15 -0.62 44.49 | -19.95 -0.61 37.07 |
| NEG NORTH___ALICE_FALLS 23915 | 23.03 -0.05 0.00 | 19.29 -0.09 0.00 | 20.30 -0.13 0.00 | 19.27 -0.09 0.00 | 19.80 -0.16 0.00 | 20.68 -0.12 0.00 | 23.76 -0.18 1.30 | 41.67 -0.14 0.00 | 24.80 -0.17 0.00 | 22.11 -0.10 0.00 | 23.57 -0.05 0.00 | 23.50 -0.04 0.00 | 21.96 -0.19 0.00 | 22.28 -0.24 0.00 | 22.09 -0.17 0.00 | 24.86 -0.01 0.00 | 26.95 0.31 0.00 | 34.86 0.34 0.00 | 58.28 0.27 0.00 | -11.13 -0.43 46.03 | -17.13 -0.29 42.30 | -21.55 -0.34 44.62 | -21.56 -0.38 42.15 | -20.55 -0.44 37.83 |
| NEG NORTH___LWR_SARANAC 23913 | 23.03 -0.05 0.00 | 19.29 -0.09 0.00 | 20.30 -0.13 0.00 | 19.27 -0.09 0.00 | 19.80 -0.16 0.00 | 20.68 -0.12 0.00 | 23.76 -0.18 1.30 | 41.67 -0.14 0.00 | 24.80 -0.17 0.00 | 22.11 -0.10 0.00 | 23.57 -0.05 0.00 | 23.50 -0.04 0.00 | 21.96 -0.19 0.00 | 22.28 -0.24 0.00 | 22.09 -0.17 0.00 | 24.86 -0.01 0.00 | 26.95 0.31 0.00 | 34.86 0.34 0.00 | 58.28 0.27 0.00 | -11.13 -0.43 46.03 | -17.13 -0.29 42.30 | -21.55 -0.34 44.62 | -21.56 -0.38 42.15 | -20.55 -0.44 37.83 |
| NEG NORTH___PLATTSBURG 23628 | 23.02 -0.05 0.00 | 19.29 -0.09 0.00 | 20.30 -0.13 0.00 | 19.28 -0.08 0.00 | 19.80 -0.16 0.00 | 20.68 -0.12 0.00 | 23.76 -0.18 1.30 | 41.67 -0.14 0.00 | 24.80 -0.16 0.00 | 22.11 -0.10 0.00 | 23.57 -0.05 0.00 | 23.50 -0.04 0.00 | 21.96 -0.19 0.00 | 22.28 -0.24 0.00 | 22.09 -0.17 0.00 | 24.86 -0.01 0.00 | 26.95 0.31 0.00 | 34.86 0.34 0.00 | 58.29 0.29 0.00 | -11.14 -0.43 46.03 | -17.13 -0.29 42.30 | -21.55 -0.34 44.62 | -21.56 -0.38 42.15 | -20.55 -0.44 37.83 |
| NEG WEST_LEA_LOCKPORT 23791 | 4.82 -1.33 16.92 | 3.42 -1.08 14.89 | 4.22 -1.20 15.01 | 10.39 -1.22 7.75 | 5.35 -1.18 13.43 | 11.73 -1.25 7.82 | 12.65 -1.31 11.28 | 28.51 -2.28 11.02 | 18.02 -1.14 5.80 | 19.45 -1.16 1.61 | 18.24 -1.18 4.20 | 22.23 -1.31 0.00 | 15.93 -1.03 5.18 | 21.26 -1.27 0.00 | 20.95 -1.29 0.02 | 23.13 -1.46 0.29 | 24.93 -1.70 0.00 | 26.13 -2.35 6.04 | 30.71 -3.88 23.42 | 20.66 -1.99 12.68 | 23.71 -1.74 0.01 | 22.41 -1.00 0.00 | 20.22 -0.75 0.00 | 16.78 -0.95 0.00 |
| NEG WEST___LANCASTER 23811 | 2.11 -0.64 20.33 | 1.00 -0.50 17.88 | 1.82 -0.58 18.03 | 9.45 -0.59 9.31 | 3.26 -0.57 16.14 | 10.81 -0.59 9.39 | 11.12 -0.57 13.55 | 27.70 -0.86 13.24 | 17.70 -0.37 6.90 | 20.12 -0.40 1.70 | 18.77 -0.37 4.49 | 23.10 -0.45 0.00 | 16.76 -0.21 5.18 | 22.13 -0.40 0.00 | 21.82 -0.43 0.02 | 24.07 -0.51 0.29 | 25.97 -0.67 0.00 | 26.34 -1.00 7.19 | 29.37 -1.54 27.09 | 20.30 -0.68 14.35 | 24.53 -0.92 0.02 | 23.13 -0.29 0.00 | 20.80 -0.17 0.00 | 17.31 -0.42 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 23.14 0.06 0.00 | 19.43 0.04 0.00 | 20.51 0.07 0.00 | 19.45 0.09 0.00 | 20.05 0.09 0.00 | 20.93 0.13 0.00 | 25.45 0.21 0.00 | 42.38 0.57 0.00 | 25.34 0.35 -0.02 | 22.74 0.28 -0.24 | 24.45 0.29 -0.55 | 23.91 0.37 0.00 | 23.66 0.45 -1.06 | 23.02 0.49 0.00 | 22.79 0.52 0.00 | 25.42 0.49 -0.06 | 27.15 0.51 0.00 | 35.31 0.68 -0.10 | 60.55 1.21 -1.33 | 37.23 0.68 -1.22 | 25.35 -0.11 0.00 | 23.45 0.04 0.00 | 20.98 0.01 0.00 | 17.67 -0.06 0.00 |
| NEG___GEN_MONROE 24207 | 9.48 -0.77 12.83 | 7.47 -0.62 11.29 | 8.34 -0.72 11.37 | 12.76 -0.72 5.88 | 9.08 -0.70 10.18 | 14.20 -0.67 5.93 | 16.02 -0.67 8.55 | 32.38 -1.07 8.36 | 20.26 -0.49 4.21 | 21.35 -0.55 0.32 | 21.86 -0.65 1.11 | 22.90 -0.65 0.00 | 21.55 -0.59 0.00 | 21.89 -0.63 0.00 | 21.64 -0.63 0.00 | 24.21 -0.66 0.00 | 25.92 -0.72 0.00 | 29.14 -1.13 4.26 | 42.49 -1.81 13.71 | 28.80 -0.88 5.65 | 24.73 -0.73 0.00 | 23.10 -0.32 0.00 | 20.75 -0.22 0.00 | 17.32 -0.41 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| NEPA___ENERGY 23901 | 1.49 -1.04 20.55 | 0.46 -0.84 18.08 | 1.32 -0.90 18.22 | 9.11 -0.84 9.41 | 2.80 -0.86 16.31 | 10.48 -0.82 9.49 | 10.57 -0.97 13.70 | 27.03 -1.39 13.39 | 17.23 -0.76 6.98 | 19.76 -0.70 1.76 | 18.32 -0.67 4.63 | 22.98 -0.56 0.00 | 16.35 -0.37 5.43 | 22.13 -0.40 0.00 | 21.86 -0.38 0.02 | 23.97 -0.60 0.31 | 25.84 -0.80 0.00 | 26.05 -1.18 7.29 | 28.53 -1.80 27.68 | 19.62 -0.94 14.77 | 24.21 -1.23 0.02 | 22.82 -0.59 0.00 | 20.46 -0.51 0.00 | 17.06 -0.67 0.00 |
| NEVERSink___HYD 23608 | 24.28 1.21 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.33 0.98 0.00 | 20.99 1.03 0.00 | 21.91 1.11 0.00 | 26.71 1.47 0.00 | 44.41 2.60 0.00 | 26.58 1.61 0.00 | 23.63 1.42 0.00 | 25.11 1.49 0.00 | 25.05 1.50 0.00 | 23.57 1.42 0.00 | 23.99 1.46 0.00 | 23.78 1.51 0.00 | 26.58 1.70 0.00 | 28.47 1.83 0.00 | 36.93 2.40 0.00 | 62.16 4.16 0.00 | 37.81 2.48 0.00 | 27.11 1.65 0.00 | 24.90 1.48 0.00 | 22.24 1.27 0.00 | 18.81 1.08 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 23.79 0.72 0.00 | 19.97 0.59 0.00 | 21.06 0.63 0.00 | 19.98 0.62 0.00 | 20.60 0.64 0.00 | 21.47 0.67 0.00 | 26.11 0.86 0.00 | 43.23 1.42 0.00 | 25.85 0.88 0.00 | 23.03 0.81 0.00 | 24.55 0.93 0.00 | 24.46 0.91 0.00 | 22.99 0.85 0.00 | 23.38 0.85 0.00 | 22.99 0.72 0.00 | 25.69 0.82 0.00 | 27.41 0.77 0.00 | 35.57 1.05 0.00 | 60.00 2.00 0.00 | 36.68 1.35 0.00 | 26.36 0.90 0.00 | 24.08 0.67 0.00 | 21.53 0.55 0.00 | 18.22 0.49 0.00 |
| NEWTON___FALLS_HYD 23847 | 23.21 0.14 0.00 | 19.44 0.06 0.00 | 20.50 0.06 0.00 | 19.43 0.07 0.00 | 20.06 0.10 0.00 | 21.07 0.27 0.00 | 25.60 0.72 0.37 | 43.23 1.42 0.00 | 25.62 0.65 0.00 | 22.48 0.26 0.00 | 23.86 0.24 0.00 | 23.42 -0.12 0.00 | 21.78 -0.37 0.00 | 22.22 -0.30 0.00 | 22.03 -0.23 0.00 | 24.87 0.00 0.00 | 27.53 0.89 0.00 | 36.13 1.60 0.00 | 61.31 3.31 0.00 | 57.22 1.32 -20.57 | 44.94 0.58 -18.90 | 43.69 0.33 -19.94 | 39.92 0.11 -18.84 | 12.78 0.00 4.94 |
| NGRID_A1_DSASP 323792 | 4.25 -1.64 17.18 | 2.93 -1.34 15.12 | 3.71 -1.48 15.24 | 10.00 -1.48 7.87 | 4.86 -1.46 13.64 | 11.32 -1.54 7.94 | 12.08 -1.71 11.46 | 27.66 -2.95 11.19 | 17.55 -1.56 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.58 0.00 | 15.79 -1.29 5.07 | 20.98 -1.55 0.00 | 20.63 -1.61 0.02 | 22.78 -1.81 0.28 | 24.51 -2.13 0.00 | 25.41 -2.99 6.13 | 29.21 -5.14 23.66 | 19.84 -2.65 12.84 | 23.28 -2.16 0.02 | 22.05 -1.37 0.00 | 19.90 -1.07 0.00 | 16.56 -1.17 0.00 |
| NGRID_A2_DSASP 323793 | 4.25 -1.64 17.18 | 2.93 -1.34 15.12 | 3.71 -1.48 15.24 | 10.00 -1.48 7.87 | 4.86 -1.46 13.64 | 11.32 -1.54 7.94 | 12.08 -1.71 11.46 | 27.66 -2.95 11.19 | 17.55 -1.56 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.58 0.00 | 15.79 -1.29 5.07 | 20.98 -1.55 0.00 | 20.63 -1.61 0.02 | 22.78 -1.81 0.28 | 24.51 -2.13 0.00 | 25.41 -2.99 6.13 | 29.21 -5.14 23.66 | 19.84 -2.65 12.84 | 23.28 -2.16 0.02 | 22.05 -1.37 0.00 | 19.90 -1.07 0.00 | 16.56 -1.17 0.00 |
| NGRID_A4_DSASP 323807 | 4.25 -1.64 17.18 | 2.93 -1.34 15.12 | 3.71 -1.48 15.24 | 10.00 -1.48 7.87 | 4.86 -1.46 13.64 | 11.32 -1.54 7.94 | 12.08 -1.71 11.46 | 27.66 -2.95 11.19 | 17.55 -1.56 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.58 0.00 | 15.79 -1.29 5.07 | 20.98 -1.55 0.00 | 20.63 -1.61 0.02 | 22.78 -1.81 0.28 | 24.51 -2.13 0.00 | 25.41 -2.99 6.13 | 29.21 -5.14 23.66 | 19.84 -2.65 12.84 | 23.28 -2.16 0.02 | 22.05 -1.37 0.00 | 19.90 -1.07 0.00 | 16.56 -1.17 0.00 |
| NIAGARA_115E_LBMP 323715 | 4.19 -1.58 17.31 | 2.87 -1.29 15.23 | 3.66 -1.43 15.35 | 9.99 -1.44 7.93 | 4.82 -1.41 13.74 | 11.27 -1.53 7.99 | 12.07 -1.63 11.54 | 27.67 -2.87 11.28 | 17.51 -1.54 5.91 | 19.12 -1.49 1.61 | 17.94 -1.47 4.20 | 21.86 -1.68 0.00 | 15.76 -1.25 5.14 | 20.90 -1.63 0.00 | 20.58 -1.66 0.02 | 22.72 -1.87 0.29 | 24.45 -2.19 0.00 | 25.43 -2.92 6.17 | 29.67 -4.69 23.63 | 20.05 -2.49 12.79 | 23.25 -2.19 0.02 | 22.01 -1.40 0.00 | 19.87 -1.10 0.00 | 16.51 -1.22 0.00 |
| NIAGARA_115W_LBMP 323714 | 4.26 -1.67 17.14 | 2.94 -1.37 15.08 | 3.73 -1.50 15.20 | 9.99 -1.51 7.85 | 4.87 -1.49 13.61 | 11.31 -1.57 7.92 | 12.08 -1.74 11.43 | 27.62 -3.02 11.17 | 17.52 -1.61 5.84 | 19.11 -1.53 1.58 | 17.97 -1.52 4.13 | 21.92 -1.62 0.00 | 15.78 -1.32 5.04 | 20.93 -1.60 0.00 | 20.59 -1.66 0.02 | 22.73 -1.86 0.28 | 24.46 -2.18 0.00 | 25.36 -3.04 6.12 | 29.11 -5.25 23.64 | 19.81 -2.71 12.81 | 23.24 -2.21 0.01 | 22.00 -1.42 0.00 | 19.86 -1.11 0.00 | 16.52 -1.20 0.00 |
| NIAGARA_230_LBMP 323716 | 4.70 -1.60 16.78 | 3.32 -1.31 14.76 | 4.11 -1.44 14.88 | 10.25 -1.42 7.68 | 5.22 -1.42 13.32 | 11.59 -1.46 7.75 | 12.41 -1.65 11.18 | 28.08 -2.80 10.93 | 17.80 -1.46 5.71 | 19.33 -1.37 1.52 | 18.24 -1.41 3.97 | 22.10 -1.44 0.00 | 16.11 -1.25 4.80 | 21.12 -1.41 0.00 | 20.77 -1.47 0.02 | 22.95 -1.65 0.27 | 24.72 -1.92 0.00 | 25.77 -2.78 5.97 | 29.75 -4.77 23.48 | 20.27 -2.53 12.53 | 23.46 -1.99 0.01 | 22.18 -1.23 0.00 | 20.01 -0.96 0.00 | 16.66 -1.07 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 4.27 -1.67 17.14 | 2.96 -1.34 15.08 | 3.74 -1.49 15.20 | 10.01 -1.50 7.85 | 4.88 -1.47 13.61 | 11.32 -1.56 7.92 | 12.09 -1.73 11.43 | 27.61 -3.04 11.17 | 17.55 -1.58 5.84 | 19.11 -1.52 1.58 | 17.96 -1.53 4.13 | 21.92 -1.62 0.00 | 15.76 -1.34 5.04 | 20.93 -1.60 0.00 | 20.60 -1.65 0.02 | 22.72 -1.87 0.28 | 24.46 -2.18 0.00 | 25.36 -3.05 6.12 | 29.15 -5.21 23.64 | 19.81 -2.71 12.81 | 23.25 -2.20 0.01 | 22.00 -1.41 0.00 | 19.87 -1.10 0.00 | 16.52 -1.21 0.00 |
| NIAGARA___ 23760 | 4.55 -1.60 16.92 | 3.19 -1.31 14.89 | 3.98 -1.44 15.01 | 10.19 -1.42 7.75 | 5.11 -1.42 13.43 | 11.52 -1.46 7.81 | 12.31 -1.65 11.28 | 28.01 -2.80 11.00 | 17.76 -1.46 5.75 | 19.31 -1.37 1.54 | 18.19 -1.41 4.02 | 22.10 -1.44 0.00 | 16.03 -1.25 4.87 | 21.12 -1.41 0.00 | 20.77 -1.47 0.02 | 22.95 -1.65 0.27 | 24.72 -1.92 0.00 | 25.74 -2.78 6.01 | 29.72 -4.77 23.52 | 20.21 -2.53 12.59 | 23.46 -1.99 0.01 | 22.18 -1.23 0.00 | 20.01 -0.96 0.00 | 16.66 -1.07 0.00 |
| NINE_MILE_1 23575 | 22.22 -0.86 0.00 | 18.68 -0.70 0.00 | 19.69 -0.75 0.00 | 18.65 -0.71 0.00 | 19.24 -0.73 0.00 | 20.02 -0.77 0.00 | 24.27 -0.97 0.00 | 40.10 -1.71 0.00 | 24.01 -0.96 0.00 | 21.36 -0.86 0.00 | 22.67 -0.95 0.00 | 22.58 -0.96 0.00 | 21.28 -0.86 0.00 | 21.64 -0.89 0.00 | 21.40 -0.87 0.00 | 23.86 -1.02 0.00 | 25.57 -1.08 0.00 | 33.11 -1.41 0.00 | 55.66 -2.34 0.00 | 33.94 -1.39 0.00 | 24.53 -0.93 0.00 | 22.63 -0.79 0.00 | 20.31 -0.66 0.00 | 17.17 -0.56 0.00 |
| NINE_MILE_2 23744 | 22.22 -0.85 0.00 | 18.68 -0.70 0.00 | 19.69 -0.75 0.00 | 18.65 -0.71 0.00 | 19.24 -0.73 0.00 | 20.02 -0.77 0.00 | 24.27 -0.97 0.00 | 40.10 -1.71 0.00 | 24.01 -0.96 0.00 | 21.36 -0.86 0.00 | 22.67 -0.95 0.00 | 22.59 -0.95 0.00 | 21.29 -0.86 0.00 | 21.64 -0.88 0.00 | 21.40 -0.87 0.00 | 23.86 -1.02 0.00 | 25.57 -1.07 0.00 | 33.11 -1.41 0.00 | 55.66 -2.34 0.00 | 33.94 -1.39 0.00 | 24.53 -0.93 0.00 | 22.63 -0.79 0.00 | 20.31 -0.66 0.00 | 17.17 -0.56 0.00 |
| NM_CAPITAL___DRP 24208 | 23.86 0.78 0.00 | 20.02 0.63 0.00 | 21.11 0.68 0.00 | 20.02 0.66 0.00 | 20.65 0.69 0.00 | 21.52 0.73 0.00 | 26.17 0.93 0.00 | 43.33 1.52 0.00 | 25.91 0.94 0.00 | 23.09 0.87 0.00 | 24.61 0.99 0.00 | 24.53 0.98 0.00 | 23.05 0.91 0.00 | 23.44 0.91 0.00 | 23.06 0.80 0.00 | 25.78 0.90 0.00 | 27.48 0.84 0.00 | 35.66 1.13 0.00 | 60.12 2.12 0.00 | 36.74 1.41 0.00 | 26.42 0.95 0.00 | 24.16 0.74 0.00 | 21.60 0.63 0.00 | 18.29 0.56 0.00 |

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| NM_CENTRAL___DRP 24181 | 22.56 -0.52 0.00 | 18.96 -0.42 0.00 | 19.97 -0.46 0.00 | 18.92 -0.44 0.00 | 19.52 -0.44 0.00 | 20.34 -0.45 0.00 | 24.70 -0.55 0.00 | 40.86 -0.95 0.00 | 24.47 -0.50 0.00 | 21.74 -0.48 0.00 | 23.06 -0.56 0.00 | 22.98 -0.57 0.00 | 21.66 -0.49 0.00 | 22.03 -0.50 0.00 | 21.78 -0.49 0.00 | 24.29 -0.58 0.00 | 26.07 -0.57 0.00 | 33.80 -0.73 0.00 | 56.80 -1.20 0.00 | 34.64 -0.69 0.00 | 25.04 -0.42 0.00 | 23.09 -0.32 0.00 | 20.71 -0.26 0.00 | 17.47 -0.25 0.00 |
| NM_FRONTIER___DRP 24179 | 4.27 -1.67 17.14 | 2.96 -1.34 15.08 | 3.74 -1.49 15.20 | 10.01 -1.50 7.85 | 4.88 -1.47 13.61 | 11.32 -1.56 7.92 | 12.09 -1.73 11.43 | 27.61 -3.04 11.17 | 17.55 -1.58 5.84 | 19.11 -1.52 1.58 | 17.96 -1.53 4.13 | 21.92 -1.62 0.00 | 15.76 -1.34 5.04 | 20.93 -1.60 0.00 | 20.60 -1.65 0.02 | 22.72 -1.87 0.28 | 24.46 -2.18 0.00 | 25.36 -3.05 6.12 | 29.15 -5.21 23.64 | 19.81 -2.71 12.81 | 23.25 -2.20 0.01 | 22.00 -1.41 0.00 | 19.87 -1.10 0.00 | 16.52 -1.21 0.00 |
| NM_ST_REGIS___HYD 24053 | 23.61 0.53 0.00 | 19.75 0.37 0.00 | 20.79 0.36 0.00 | 19.72 0.36 0.00 | 20.35 0.39 0.00 | 21.38 0.59 0.00 | 25.62 1.05 0.67 | 43.85 2.04 0.00 | 25.97 1.00 0.00 | 22.84 0.62 0.00 | 24.11 0.49 0.00 | 23.74 0.19 0.00 | 22.06 -0.09 0.00 | 22.46 -0.07 0.00 | 22.29 0.02 0.00 | 25.16 0.29 0.00 | 27.79 1.15 0.00 | 36.43 1.90 0.00 | 61.58 3.58 0.00 | 72.25 1.53 -35.39 | 58.83 0.84 -32.52 | 58.30 0.57 -34.31 | 53.70 0.32 -32.41 | 8.50 0.12 9.35 |
| NORTHPORT___1 23551 | 24.23 1.15 0.00 | 20.38 1.00 0.00 | 21.35 0.92 0.00 | 20.27 0.91 0.00 | 20.92 0.96 0.00 | 21.95 1.15 0.00 | 26.67 1.43 0.00 | 43.82 2.01 0.00 | 26.38 1.41 0.00 | 23.70 1.48 0.00 | 25.54 1.92 0.00 | 25.43 1.88 0.00 | 23.89 1.74 0.00 | 24.07 1.54 0.00 | 23.52 1.25 0.00 | 13.02 1.21 13.06 | 25.49 1.34 2.49 | 36.44 1.92 0.00 | 59.71 2.88 1.18 | 37.09 1.76 0.00 | 26.83 1.37 0.00 | 24.69 1.27 0.00 | 22.25 1.28 0.00 | 18.87 1.14 0.00 |
| NORTHPORT___2 23552 | 24.23 1.15 0.00 | 20.38 1.00 0.00 | 21.35 0.92 0.00 | 20.27 0.91 0.00 | 20.92 0.96 0.00 | 21.95 1.15 0.00 | 26.67 1.43 0.00 | 43.82 2.01 0.00 | 26.38 1.41 0.00 | 23.70 1.48 0.00 | 25.54 1.92 0.00 | 25.43 1.88 0.00 | 23.89 1.74 0.00 | 24.07 1.54 0.00 | 23.52 1.25 0.00 | 13.02 1.21 13.06 | 25.49 1.34 2.49 | 36.44 1.92 0.00 | 59.71 2.88 1.18 | 37.09 1.76 0.00 | 26.83 1.37 0.00 | 24.69 1.27 0.00 | 22.25 1.28 0.00 | 18.87 1.14 0.00 |
| NORTHPORT___3 23553 | 24.01 0.94 0.00 | 20.19 0.81 0.00 | 21.19 0.75 0.00 | 20.09 0.74 0.00 | 20.72 0.76 0.00 | 21.70 0.91 0.00 | 26.36 1.12 0.00 | 43.35 1.54 0.00 | 26.08 1.11 0.00 | 23.43 1.21 0.00 | 25.30 1.68 0.00 | 25.20 1.66 0.00 | 23.69 1.54 0.00 | 23.88 1.36 0.00 | 23.37 1.11 0.00 | 12.73 0.99 13.13 | 25.17 1.03 2.50 | 36.01 1.48 0.00 | 59.08 2.26 1.19 | 36.70 1.37 0.00 | 26.51 1.05 0.00 | 24.38 0.96 0.00 | 21.98 1.01 0.00 | 18.64 0.91 0.00 |
| NORTHPORT___4 23650 | 24.01 0.94 0.00 | 20.19 0.81 0.00 | 21.19 0.75 0.00 | 20.09 0.74 0.00 | 20.72 0.76 0.00 | 21.70 0.91 0.00 | 26.36 1.12 0.00 | 43.35 1.54 0.00 | 26.08 1.11 0.00 | 23.43 1.21 0.00 | 25.30 1.68 0.00 | 25.20 1.66 0.00 | 23.69 1.54 0.00 | 23.88 1.36 0.00 | 23.37 1.11 0.00 | 12.73 0.99 13.13 | 25.17 1.03 2.50 | 36.01 1.48 0.00 | 59.08 2.26 1.19 | 36.70 1.37 0.00 | 26.51 1.05 0.00 | 24.38 0.96 0.00 | 21.98 1.01 0.00 | 18.64 0.91 0.00 |
| NORTHPORT___IC 23718 | 24.23 1.15 0.00 | 20.38 0.99 0.00 | 21.35 0.92 0.00 | 20.27 0.91 0.00 | 20.92 0.96 0.00 | 21.95 1.16 0.00 | 26.67 1.43 0.00 | 43.82 2.01 0.00 | 26.37 1.41 0.00 | 23.70 1.48 0.00 | 25.54 1.92 0.00 | 25.42 1.88 0.00 | 23.89 1.75 0.00 | 24.07 1.54 0.00 | 23.52 1.25 0.00 | 13.02 1.21 13.06 | 25.49 1.34 2.49 | 36.44 1.91 0.00 | 59.70 2.87 1.18 | 37.08 1.75 0.00 | 26.83 1.37 0.00 | 24.69 1.27 0.00 | 22.24 1.27 0.00 | 18.87 1.14 0.00 |
| NORTH___COUNTRY_ESR 323785 | 22.75 -0.33 0.00 | 19.06 -0.33 0.00 | 20.06 -0.37 0.00 | 19.04 -0.32 0.00 | 19.57 -0.39 0.00 | 20.44 -0.36 0.00 | 23.52 -0.48 1.24 | 41.13 -0.68 0.00 | 24.45 -0.52 0.00 | 21.80 -0.42 0.00 | 23.22 -0.40 0.00 | 23.14 -0.40 0.00 | 21.64 -0.51 0.00 | 21.99 -0.53 0.00 | 21.76 -0.51 0.00 | 24.43 -0.45 0.00 | 26.49 -0.15 0.00 | 34.22 -0.30 0.00 | 57.21 -0.80 0.00 | -14.38 -1.04 48.66 | -19.95 -0.70 44.71 | -24.48 -0.73 47.16 | -24.29 -0.71 44.56 | -19.99 -0.67 37.05 |
| NPX_GEN_1385_PROXY 323591 | 24.48 1.40 0.00 | 20.58 1.20 0.00 | 21.43 0.99 0.00 | 20.41 1.06 0.00 | 21.18 1.22 0.00 | 22.38 1.58 0.00 | 40.77 2.17 -13.35 | 80.44 3.24 -35.39 | 28.17 2.14 -1.06 | 24.22 2.00 0.00 | 25.86 2.24 0.00 | 25.48 1.93 0.00 | 23.66 1.77 0.26 | 24.07 1.54 0.00 | 23.40 1.13 0.00 | 13.00 1.19 13.06 | 25.77 1.62 2.49 | 37.02 2.49 0.00 | 59.63 2.81 1.18 | 37.40 2.07 0.00 | 27.26 1.81 0.00 | 25.10 1.68 0.00 | 22.43 1.46 0.00 | 19.01 1.28 0.00 |
| NPX_GEN_CSC 323557 | 24.27 1.20 0.00 | 20.39 1.01 0.00 | 21.37 0.94 0.00 | 20.29 0.93 0.00 | 20.99 1.03 0.00 | 22.15 1.35 0.00 | 27.02 1.78 0.00 | 44.39 2.58 0.00 | 26.72 1.75 0.00 | 23.96 1.74 0.00 | 25.70 2.08 0.00 | 25.56 2.02 0.00 | 23.75 1.86 0.26 | 24.20 1.67 0.00 | 23.54 1.28 0.00 | 13.46 1.41 12.83 | 25.85 1.66 2.45 | 36.89 2.37 0.00 | 60.64 3.80 1.16 | 37.57 2.24 0.00 | 27.17 1.71 0.00 | 24.93 1.51 0.00 | 22.47 1.50 0.00 | 18.98 1.25 0.00 |
| NSINS_S___GLNS_FALLS 23858 | 24.38 1.30 0.00 | 20.34 0.96 0.00 | 21.50 1.07 0.00 | 20.38 1.03 0.00 | 21.04 1.08 0.00 | 22.05 1.25 0.00 | 26.92 1.68 0.00 | 44.68 2.87 0.00 | 26.66 1.69 0.00 | 23.65 1.43 0.00 | 25.13 1.51 0.00 | 24.91 1.37 0.00 | 23.35 1.20 0.00 | 23.67 1.15 0.00 | 23.34 1.08 0.00 | 26.18 1.31 0.00 | 28.03 1.39 0.00 | 36.62 2.09 0.00 | 61.61 3.60 0.00 | 37.55 2.22 0.00 | 26.93 1.47 0.00 | 24.75 1.33 0.00 | 22.17 1.19 0.00 | 18.69 0.96 0.00 |
| NUCOR_STEEL___DRP 24197 | 16.76 -0.35 5.97 | 13.85 -0.29 5.25 | 14.81 -0.33 5.29 | 16.33 -0.30 2.73 | 14.93 -0.30 4.74 | 17.75 -0.29 2.76 | 20.95 -0.32 3.98 | 37.12 -0.81 3.89 | 22.54 -0.45 1.99 | 21.60 -0.47 0.15 | 22.51 -0.58 0.53 | 22.95 -0.59 0.00 | 21.63 -0.52 0.00 | 22.00 -0.53 0.00 | 21.75 -0.52 0.00 | 24.28 -0.59 0.00 | 26.10 -0.54 0.00 | 31.87 -0.67 1.98 | 50.53 -1.09 6.38 | 32.08 -0.62 2.63 | 25.12 -0.34 0.00 | 23.20 -0.22 0.00 | 20.79 -0.18 0.00 | 17.53 -0.20 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 22.61 -0.46 0.00 | 18.98 -0.40 0.00 | 20.04 -0.39 0.00 | 18.97 -0.38 0.00 | 19.58 -0.38 0.00 | 20.53 -0.26 0.00 | 25.16 0.04 0.13 | 42.04 0.23 0.00 | 24.93 -0.04 0.00 | 21.92 -0.30 0.00 | 23.46 -0.17 0.00 | 23.08 -0.47 0.00 | 21.52 -0.63 0.00 | 22.02 -0.51 0.00 | 21.75 -0.52 0.00 | 24.54 -0.34 0.00 | 27.04 0.40 0.00 | 35.40 0.88 0.00 | 60.10 2.09 0.00 | 44.83 0.55 -8.95 | 33.64 -0.04 -8.22 | 31.89 -0.20 -8.67 | 28.82 -0.35 -8.19 | 16.05 -0.33 1.35 |
| NYISO_LBMP_REFERENCE 24008 | 23.07 0.00 0.00 | 19.38 0.00 0.00 | 20.43 0.00 0.00 | 19.36 0.00 0.00 | 19.96 0.00 0.00 | 20.80 0.00 0.00 | 25.24 0.00 0.00 | 41.81 0.00 0.00 | 24.97 0.00 0.00 | 22.22 0.00 0.00 | 23.62 0.00 0.00 | 23.54 0.00 0.00 | 22.15 0.00 0.00 | 22.53 0.00 0.00 | 22.27 0.00 0.00 | 24.88 0.00 0.00 | 26.64 0.00 0.00 | 34.52 0.00 0.00 | 58.00 0.00 0.00 | 35.33 0.00 0.00 | 25.46 0.00 0.00 | 23.42 0.00 0.00 | 20.97 0.00 0.00 | 17.73 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 24.41 1.33 0.00 | 20.50 1.12 0.00 | 21.49 1.06 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 22.12 1.32 0.00 | 26.93 1.69 0.00 | 44.34 2.53 0.00 | 26.69 1.71 0.00 | 23.94 1.73 0.00 | 25.74 2.12 0.00 | 25.62 2.07 0.00 | 24.07 1.92 0.00 | 24.28 1.75 0.00 | 23.77 1.51 0.00 | 13.82 1.54 12.60 | 25.95 1.71 2.40 | 36.92 2.39 0.00 | 60.67 3.80 1.14 | 37.60 2.27 0.00 | 27.18 1.72 0.00 | 24.99 1.57 0.00 | 22.50 1.53 0.00 | 19.03 1.31 0.00 |
| NYPA_GOWANUS____GT5 24156 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.12 2.60 0.00 | 62.19 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NYPA_GOWANUS____GT6 24157 | 24.33 1.26 0.00 | 20.43 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.96 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.75 1.78 0.00 | 23.84 1.63 0.00 | 25.50 1.87 0.00 | 25.48 1.94 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.12 2.60 0.00 | 62.19 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.42 1.45 0.00 | 18.99 1.26 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 24.15 1.08 0.00 | 20.28 0.89 0.00 | 21.40 0.97 0.00 | 20.27 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.09 2.28 0.00 | 26.55 1.58 0.00 | 23.65 1.43 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.72 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.74 1.86 0.00 | 28.53 1.89 0.00 | 36.85 2.33 0.00 | 61.85 3.84 0.00 | 37.72 2.40 0.00 | 27.14 1.68 0.00 | 24.89 1.48 0.00 | 22.25 1.28 0.00 | 18.86 1.13 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 24.15 1.08 0.00 | 20.28 0.89 0.00 | 21.40 0.97 0.00 | 20.27 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.09 2.28 0.00 | 26.55 1.58 0.00 | 23.65 1.43 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.72 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.74 1.86 0.00 | 28.53 1.89 0.00 | 36.85 2.33 0.00 | 61.85 3.84 0.00 | 37.72 2.40 0.00 | 27.14 1.68 0.00 | 24.89 1.48 0.00 | 22.25 1.28 0.00 | 18.86 1.13 0.00 |
| NYPA_KENT____GT 24152 | 24.32 1.24 0.00 | 20.42 1.04 0.00 | 21.52 1.09 0.00 | 20.39 1.04 0.00 | 21.04 1.08 0.00 | 21.95 1.15 0.00 | 26.72 1.48 0.00 | 44.35 2.54 0.00 | 26.73 1.76 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.48 1.94 0.00 | 24.05 1.90 0.00 | 24.44 1.91 0.00 | 24.20 1.94 0.00 | 26.94 2.07 0.00 | 28.72 2.08 0.00 | 37.10 2.57 0.00 | 62.19 4.19 0.00 | 37.91 2.58 0.00 | 27.32 1.86 0.00 | 25.06 1.65 0.00 | 22.42 1.44 0.00 | 18.98 1.25 0.00 |
| NYPA_POUCH1____GT 24155 | 24.32 1.24 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.38 1.03 0.00 | 21.04 1.08 0.00 | 21.94 1.15 0.00 | 26.71 1.47 0.00 | 44.33 2.52 0.00 | 26.71 1.75 0.00 | 23.79 1.57 0.00 | 25.43 1.81 0.00 | 25.41 1.86 0.00 | 23.96 1.81 0.00 | 24.34 1.81 0.00 | 24.08 1.82 0.00 | 26.85 1.98 0.00 | 28.66 2.02 0.00 | 37.07 2.54 0.00 | 62.00 4.00 0.00 | 37.89 2.56 0.00 | 27.30 1.84 0.00 | 25.04 1.62 0.00 | 22.38 1.41 0.00 | 18.96 1.23 0.00 |
| NYPA_VERNON____GT2 24162 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.50 1.07 0.00 | 20.38 1.02 0.00 | 21.03 1.07 0.00 | 21.93 1.14 0.00 | 26.70 1.45 0.00 | 44.29 2.48 0.00 | 26.69 1.72 0.00 | 23.82 1.61 0.00 | 25.47 1.85 0.00 | 25.45 1.91 0.00 | 24.03 1.88 0.00 | 24.42 1.89 0.00 | 24.19 1.92 0.00 | 26.92 2.04 0.00 | 28.71 2.06 0.00 | 37.06 2.54 0.00 | 62.14 4.14 0.00 | 37.87 2.53 0.00 | 27.27 1.81 0.00 | 25.03 1.61 0.00 | 22.39 1.42 0.00 | 18.96 1.24 0.00 |
| NYPA_VERNON____GT3 24163 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.50 1.07 0.00 | 20.38 1.02 0.00 | 21.03 1.07 0.00 | 21.93 1.14 0.00 | 26.70 1.45 0.00 | 44.29 2.48 0.00 | 26.69 1.72 0.00 | 23.82 1.61 0.00 | 25.47 1.85 0.00 | 25.45 1.91 0.00 | 24.03 1.88 0.00 | 24.42 1.89 0.00 | 24.19 1.92 0.00 | 26.92 2.04 0.00 | 28.71 2.06 0.00 | 37.06 2.54 0.00 | 62.14 4.14 0.00 | 37.87 2.53 0.00 | 27.27 1.81 0.00 | 25.03 1.61 0.00 | 22.39 1.42 0.00 | 18.96 1.24 0.00 |
| NYPA__ASTORIA_CC1 323568 | 24.25 1.18 0.00 | 20.36 0.98 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.18 2.37 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.40 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.14 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.46 0.00 | 61.99 3.99 0.00 | 37.80 2.47 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| NYPA__ASTORIA_CC2 323569 | 24.25 1.18 0.00 | 20.36 0.98 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.18 2.37 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.40 1.85 0.00 | 23.98 1.83 0.00 | 24.37 1.85 0.00 | 24.14 1.87 0.00 | 26.86 1.98 0.00 | 28.64 2.00 0.00 | 36.98 2.46 0.00 | 61.99 3.99 0.00 | 37.80 2.47 0.00 | 27.22 1.76 0.00 | 24.99 1.57 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| NYPA__HOLTSVILL 23794 | 24.22 1.14 0.00 | 20.35 0.96 0.00 | 21.33 0.90 0.00 | 20.24 0.89 0.00 | 20.92 0.95 0.00 | 21.99 1.19 0.00 | 26.76 1.52 0.00 | 44.00 2.19 0.00 | 26.49 1.52 0.00 | 23.79 1.57 0.00 | 25.56 1.94 0.00 | 25.44 1.89 0.00 | 23.91 1.76 0.00 | 24.11 1.59 0.00 | 23.58 1.31 0.00 | 13.38 1.35 12.85 | 25.68 1.49 2.45 | 36.65 2.12 0.00 | 60.15 3.31 1.16 | 37.30 1.97 0.00 | 26.98 1.51 0.00 | 24.79 1.38 0.00 | 22.35 1.37 0.00 | 18.90 1.17 0.00 |
| NYPA__HELLGATE_GT1 24158 | 24.15 1.08 0.00 | 20.28 0.89 0.00 | 21.40 0.97 0.00 | 20.27 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.09 2.28 0.00 | 26.55 1.58 0.00 | 23.65 1.43 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.72 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.74 1.86 0.00 | 28.53 1.89 0.00 | 36.88 2.36 0.00 | 61.89 3.88 0.00 | 37.74 2.41 0.00 | 27.14 1.68 0.00 | 24.89 1.48 0.00 | 22.25 1.28 0.00 | 18.86 1.13 0.00 |
| NYPA__HELLGATE_GT2 24159 | 24.15 1.08 0.00 | 20.28 0.89 0.00 | 21.40 0.97 0.00 | 20.27 0.92 0.00 | 20.92 0.96 0.00 | 21.79 1.00 0.00 | 26.54 1.30 0.00 | 44.09 2.28 0.00 | 26.55 1.58 0.00 | 23.65 1.43 0.00 | 25.33 1.71 0.00 | 25.29 1.74 0.00 | 23.86 1.72 0.01 | 24.25 1.73 0.01 | 24.00 1.74 0.01 | 26.74 1.86 0.00 | 28.53 1.89 0.00 | 36.88 2.36 0.00 | 61.89 3.88 0.00 | 37.74 2.41 0.00 | 27.14 1.68 0.00 | 24.89 1.48 0.00 | 22.25 1.28 0.00 | 18.86 1.13 0.00 |
| NYS_BARGE__HYD 23848 | 5.08 -1.29 16.70 | 3.63 -1.06 14.69 | 4.44 -1.18 14.81 | 10.51 -1.19 7.65 | 5.54 -1.16 13.26 | 11.86 -1.23 7.72 | 12.84 -1.27 11.13 | 28.74 -2.19 10.88 | 18.11 -1.13 5.73 | 19.55 -1.13 1.54 | 18.46 -1.15 4.02 | 22.24 -1.30 0.00 | 16.31 -0.97 4.86 | 21.27 -1.26 0.00 | 20.95 -1.30 0.02 | 23.17 -1.44 0.27 | 24.94 -1.70 0.00 | 26.28 -2.30 5.94 | 31.56 -3.71 22.74 | 21.24 -1.91 12.18 | 23.73 -1.72 0.01 | 22.43 -0.98 0.00 | 20.22 -0.75 0.00 | 16.80 -0.93 0.00 |

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| OAK ORCHARD___HYD 24046 | 9.52 -0.91 12.65 | 7.51 -0.74 11.13 | 8.38 -0.84 11.22 | 12.75 -0.82 5.80 | 9.11 -0.81 10.04 | 14.16 -0.79 5.85 | 15.95 -0.86 8.43 | 32.20 -1.37 8.24 | 20.09 -0.68 4.20 | 21.21 -0.69 0.32 | 21.74 -0.77 1.11 | 22.79 -0.76 0.00 | 21.47 -0.68 0.00 | 21.80 -0.73 0.00 | 21.53 -0.74 0.00 | 24.08 -0.80 0.00 | 25.75 -0.89 0.00 | 29.02 -1.30 4.20 | 42.25 -2.22 13.54 | 28.59 -1.16 5.58 | 24.58 -0.88 0.00 | 22.93 -0.49 0.00 | 20.59 -0.38 0.00 | 17.22 -0.50 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 12.11 0.03 11.00 | 9.73 0.02 9.68 | 10.72 0.04 9.75 | 14.38 0.06 5.04 | 11.29 0.06 8.73 | 15.80 0.09 5.08 | 18.07 0.15 7.33 | 35.11 0.46 7.16 | 21.60 0.29 3.66 | 22.41 0.23 0.04 | 23.45 0.25 0.42 | 23.87 0.33 0.00 | 23.65 0.41 -1.09 | 22.98 0.45 0.00 | 22.75 0.47 0.00 | 25.36 0.43 -0.06 | 27.08 0.44 0.00 | 31.57 0.59 3.54 | 48.89 1.08 10.19 | 32.34 0.59 3.58 | 25.27 -0.19 0.00 | 23.39 -0.03 0.00 | 20.92 -0.05 0.00 | 17.63 -0.10 0.00 |
| OCC_CHEM___DRP 24175 | 4.26 -1.64 17.18 | 2.95 -1.32 15.12 | 3.73 -1.47 15.24 | 10.02 -1.47 7.87 | 4.87 -1.45 13.64 | 11.33 -1.53 7.94 | 12.10 -1.69 11.46 | 27.64 -2.97 11.19 | 17.58 -1.54 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.57 0.00 | 15.77 -1.31 5.07 | 20.98 -1.55 0.00 | 20.64 -1.60 0.02 | 22.77 -1.82 0.28 | 24.51 -2.13 0.00 | 25.40 -2.99 6.13 | 29.22 -5.13 23.66 | 19.84 -2.65 12.84 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.92 -1.06 0.00 | 16.55 -1.18 0.00 |
| OH_GEN_PROXY 24063 | 5.02 -1.56 16.50 | 3.59 -1.28 14.51 | 4.40 -1.41 14.63 | 10.42 -1.38 7.56 | 5.48 -1.39 13.10 | 11.76 -1.42 7.62 | 12.63 -1.61 11.00 | 28.38 -2.68 10.75 | 17.96 -1.41 5.60 | 19.56 -1.31 1.35 | 18.70 -1.35 3.57 | 22.19 -1.36 0.00 | 16.63 -1.19 4.33 | 21.19 -1.33 0.00 | 20.85 -1.40 0.02 | 23.05 -1.58 0.24 | 24.79 -1.85 0.00 | 25.99 -2.68 5.86 | 30.82 -4.58 22.61 | 21.04 -2.43 11.85 | 34.44 -1.93 -10.90 | 22.22 -1.19 0.00 | 20.04 -0.93 0.00 | 17.27 -1.04 -0.58 |
| OLIN_CORP_DRP 24177 | 4.05 -1.56 17.47 | 2.76 -1.26 15.37 | 3.53 -1.41 15.49 | 9.94 -1.42 8.00 | 4.72 -1.38 13.86 | 11.23 -1.49 8.07 | 12.00 -1.60 11.64 | 27.59 -2.84 11.38 | 17.53 -1.48 5.96 | 19.14 -1.44 1.63 | 17.91 -1.46 4.25 | 21.92 -1.63 0.00 | 15.69 -1.25 5.21 | 20.95 -1.58 0.00 | 20.63 -1.61 0.02 | 22.75 -1.83 0.29 | 24.51 -2.13 0.00 | 25.40 -2.89 6.23 | 29.43 -4.71 23.86 | 19.90 -2.47 12.96 | 23.30 -2.15 0.02 | 22.06 -1.36 0.00 | 19.92 -1.05 0.00 | 16.54 -1.19 0.00 |
| OLIN_CORP_DSASP 323712 | 4.25 -1.64 17.18 | 2.93 -1.34 15.12 | 3.71 -1.48 15.24 | 10.00 -1.48 7.87 | 4.86 -1.46 13.64 | 11.32 -1.54 7.94 | 12.08 -1.71 11.46 | 27.66 -2.95 11.19 | 17.55 -1.56 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.58 0.00 | 15.79 -1.29 5.07 | 20.98 -1.55 0.00 | 20.63 -1.61 0.02 | 22.78 -1.81 0.28 | 24.51 -2.13 0.00 | 25.41 -2.99 6.13 | 29.21 -5.14 23.66 | 19.84 -2.65 12.84 | 23.28 -2.16 0.02 | 22.05 -1.37 0.00 | 19.90 -1.07 0.00 | 16.56 -1.17 0.00 |
| ONEIDA_HERK_LFGE 323681 | 23.20 0.12 0.00 | 19.47 0.08 0.00 | 20.55 0.12 0.00 | 19.45 0.09 0.00 | 20.08 0.12 0.00 | 21.00 0.20 0.00 | 25.68 0.44 0.00 | 42.67 0.86 0.00 | 25.39 0.42 0.00 | 22.42 0.21 0.00 | 23.87 0.25 0.00 | 23.65 0.10 0.00 | 22.18 0.03 0.00 | 22.60 0.07 0.00 | 22.35 0.08 0.00 | 25.06 0.19 0.00 | 27.21 0.57 0.00 | 35.47 0.94 0.00 | 59.95 1.94 0.00 | 40.29 0.86 -4.10 | 29.61 0.38 -3.77 | 27.67 0.28 -3.97 | 24.90 0.17 -3.75 | 18.54 0.11 -0.71 |
| ONEIDA___115KV_TB4 55905 | 23.46 0.38 0.00 | 19.69 0.31 0.00 | 20.77 0.34 0.00 | 19.66 0.30 0.00 | 20.31 0.34 0.00 | 21.24 0.45 0.00 | 25.90 0.66 0.00 | 43.02 1.21 0.00 | 25.65 0.68 0.00 | 22.66 0.44 0.00 | 24.03 0.41 0.00 | 23.88 0.33 0.00 | 22.47 0.32 0.00 | 22.87 0.34 0.00 | 22.62 0.35 0.00 | 25.28 0.41 0.00 | 27.28 0.63 0.00 | 35.55 1.02 0.00 | 59.98 1.98 0.00 | 38.14 1.08 -1.73 | 27.63 0.59 -1.59 | 25.62 0.53 -1.67 | 22.98 0.43 -1.58 | 18.33 0.31 -0.30 |
| ONONDAGA_REF_OCCRA 23987 | 27.34 -0.33 -4.60 | 23.16 -0.27 -4.05 | 24.21 -0.30 -4.08 | 21.18 -0.28 -2.11 | 23.34 -0.28 -3.65 | 22.65 -0.27 -2.13 | 27.99 -0.32 -3.07 | 44.27 -0.54 -3.00 | 26.23 -0.28 -1.54 | 22.04 -0.30 -0.12 | 23.65 -0.37 -0.41 | 23.17 -0.37 0.00 | 21.85 -0.30 0.00 | 22.22 -0.31 0.00 | 21.98 -0.29 0.00 | 24.51 -0.36 0.00 | 26.31 -0.33 0.00 | 35.72 -0.36 -1.56 | 62.36 -0.57 -4.93 | 37.03 -0.34 -2.03 | 25.21 -0.26 0.00 | 23.25 -0.16 0.00 | 20.83 -0.14 0.00 | 17.57 -0.15 0.00 |
| ONONDAGA___COGEN 23986 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| ONTARIO___LFGE 23819 | -3.00 -0.49 25.59 | -3.54 -0.42 22.51 | -2.71 -0.45 22.69 | 7.22 -0.42 11.72 | -0.75 -0.40 20.31 | 8.64 -0.33 11.82 | 7.91 -0.27 17.06 | 24.84 -0.30 16.67 | 16.33 -0.16 8.47 | 21.96 -0.29 -0.04 | 22.49 -0.47 0.66 | 23.07 -0.48 0.00 | 24.88 -0.37 -3.10 | 22.18 -0.34 0.00 | 21.98 -0.30 -0.01 | 24.77 -0.29 -0.18 | 26.44 -0.20 0.00 | 26.14 -0.18 8.20 | 33.99 -0.26 23.76 | 27.24 -0.22 7.86 | 25.06 -0.41 -0.01 | 23.21 -0.21 0.00 | 20.75 -0.22 0.00 | 17.42 -0.31 0.00 |
| ORANGEVILLE_WT_PWR 323706 | -3.27 -1.57 24.78 | -3.69 -1.28 21.80 | -2.92 -1.37 21.97 | 6.68 -1.32 11.35 | -0.98 -1.27 19.67 | 8.07 -1.27 11.45 | 7.32 -1.40 16.52 | 23.38 -2.29 16.14 | 14.99 -1.34 8.64 | 15.66 -1.36 5.20 | 9.45 -1.53 12.64 | 22.01 -1.53 0.01 | 0.66 -1.25 20.24 | 21.21 -1.31 0.00 | 20.89 -1.29 0.08 | 22.29 -1.43 1.15 | 25.15 -1.49 0.00 | 22.60 -1.88 10.05 | 5.06 -3.37 49.57 | 0.29 -1.98 33.06 | 23.56 -1.84 0.06 | 22.24 -1.17 0.00 | 19.96 -1.01 0.00 | 16.64 -1.09 0.00 |
| ORANGEVILLE___ESR 323794 | -3.27 -1.57 24.78 | -3.69 -1.28 21.80 | -2.92 -1.37 21.97 | 6.68 -1.32 11.35 | -0.98 -1.27 19.67 | 8.07 -1.27 11.45 | 7.32 -1.40 16.52 | 23.38 -2.29 16.14 | 14.99 -1.34 8.64 | 15.66 -1.36 5.20 | 9.45 -1.53 12.64 | 22.01 -1.53 0.01 | 0.66 -1.25 20.24 | 21.21 -1.31 0.00 | 20.89 -1.29 0.08 | 22.29 -1.43 1.15 | 25.15 -1.49 0.00 | 22.60 -1.88 10.05 | 5.06 -3.37 49.57 | 0.29 -1.98 33.06 | 23.56 -1.84 0.06 | 22.24 -1.17 0.00 | 19.96 -1.01 0.00 | 16.64 -1.09 0.00 |
| OSWEGATCHIE___HYD 24044 | 23.21 0.13 0.00 | 19.45 0.06 0.00 | 20.50 0.06 0.00 | 19.43 0.07 0.00 | 20.07 0.10 0.00 | 21.07 0.27 0.00 | 25.60 0.72 0.37 | 43.23 1.42 0.00 | 25.62 0.65 0.00 | 22.48 0.27 0.00 | 23.86 0.24 0.00 | 23.42 -0.12 0.00 | 21.78 -0.37 0.00 | 22.22 -0.30 0.00 | 22.04 -0.23 0.00 | 24.87 0.00 0.00 | 27.53 0.89 0.00 | 36.12 1.60 0.00 | 61.32 3.32 0.00 | 57.22 1.32 -20.57 | 44.94 0.58 -18.90 | 43.69 0.33 -19.94 | 39.92 0.11 -18.84 | 12.78 0.00 4.94 |
| OSWEGO___5 23606 | 22.35 -0.72 0.00 | 18.79 -0.59 0.00 | 19.80 -0.63 0.00 | 18.76 -0.60 0.00 | 19.35 -0.62 0.00 | 20.15 -0.65 0.00 | 24.43 -0.81 0.00 | 40.39 -1.42 0.00 | 24.17 -0.80 0.00 | 21.50 -0.72 0.00 | 22.82 -0.80 0.00 | 22.73 -0.81 0.00 | 21.43 -0.72 0.00 | 21.79 -0.74 0.00 | 21.54 -0.73 0.00 | 24.02 -0.86 0.00 | 25.75 -0.89 0.00 | 33.36 -1.17 0.00 | 56.07 -1.94 0.00 | 34.19 -1.14 0.00 | 24.71 -0.74 0.00 | 22.80 -0.62 0.00 | 20.45 -0.52 0.00 | 17.28 -0.45 0.00 |

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| OSWEGO___6 23613 | 22.35 -0.72 0.00 | 18.79 -0.59 0.00 | 19.80 -0.63 0.00 | 18.76 -0.60 0.00 | 19.35 -0.62 0.00 | 20.15 -0.65 0.00 | 24.43 -0.81 0.00 | 40.39 -1.42 0.00 | 24.17 -0.80 0.00 | 21.50 -0.72 0.00 | 22.82 -0.80 0.00 | 22.73 -0.81 0.00 | 21.43 -0.72 0.00 | 21.79 -0.74 0.00 | 21.54 -0.73 0.00 | 24.02 -0.86 0.00 | 25.75 -0.89 0.00 | 33.36 -1.17 0.00 | 56.07 -1.94 0.00 | 34.19 -1.14 0.00 | 24.71 -0.74 0.00 | 22.80 -0.62 0.00 | 20.45 -0.52 0.00 | 17.28 -0.45 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 4.20 -1.15 17.72 | 2.87 -0.92 15.59 | 3.67 -1.05 15.72 | 10.18 -1.06 8.12 | 4.87 -1.03 14.07 | 11.54 -1.07 8.19 | 12.31 -1.12 11.82 | 28.33 -1.93 11.55 | 17.99 -0.92 6.05 | 19.58 -0.94 1.69 | 18.29 -0.94 4.40 | 22.53 -1.01 0.00 | 15.92 -0.78 5.45 | 21.54 -0.99 0.00 | 21.22 -1.02 0.02 | 23.41 -1.16 0.31 | 25.23 -1.41 0.00 | 26.19 -2.00 6.34 | 30.08 -3.35 24.58 | 20.26 -1.66 13.42 | 23.96 -1.49 0.02 | 22.63 -0.79 0.00 | 20.40 -0.57 0.00 | 16.93 -0.79 0.00 |
| OXBOW___BTM 323836 | 4.26 -1.36 17.46 | 2.91 -1.11 15.36 | 3.72 -1.24 15.48 | 10.12 -1.24 8.00 | 4.89 -1.21 13.86 | 11.46 -1.27 8.07 | 12.24 -1.37 11.64 | 28.09 -2.35 11.37 | 17.80 -1.21 5.96 | 19.41 -1.17 1.64 | 18.19 -1.16 4.28 | 22.30 -1.24 0.00 | 15.90 -0.98 5.26 | 21.31 -1.22 0.00 | 20.97 -1.27 0.02 | 23.15 -1.42 0.30 | 24.93 -1.71 0.00 | 25.87 -2.42 6.24 | 29.77 -4.12 24.12 | 20.12 -2.08 13.14 | 23.67 -1.77 0.02 | 22.39 -1.03 0.00 | 20.19 -0.78 0.00 | 16.78 -0.95 0.00 |
| OXBOW____ 24026 | 4.27 -1.35 17.46 | 2.94 -1.09 15.36 | 3.73 -1.23 15.48 | 10.13 -1.24 8.00 | 4.90 -1.20 13.86 | 11.47 -1.26 8.07 | 12.25 -1.36 11.64 | 28.08 -2.36 11.37 | 17.84 -1.17 5.96 | 19.41 -1.16 1.64 | 18.18 -1.16 4.28 | 22.30 -1.24 0.00 | 15.89 -1.00 5.26 | 21.30 -1.23 0.00 | 20.98 -1.26 0.02 | 23.15 -1.43 0.30 | 24.93 -1.71 0.00 | 25.86 -2.43 6.24 | 29.78 -4.10 24.12 | 20.12 -2.08 13.14 | 23.68 -1.76 0.02 | 22.40 -1.02 0.00 | 20.20 -0.77 0.00 | 16.78 -0.95 0.00 |
| OXY_CHEM_DSASP 323612 | 4.26 -1.64 17.18 | 2.95 -1.32 15.12 | 3.73 -1.47 15.24 | 10.02 -1.47 7.87 | 4.87 -1.45 13.64 | 11.33 -1.53 7.94 | 12.10 -1.69 11.46 | 27.64 -2.97 11.19 | 17.58 -1.54 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.57 0.00 | 15.77 -1.31 5.07 | 20.98 -1.55 0.00 | 20.64 -1.60 0.02 | 22.77 -1.82 0.28 | 24.51 -2.13 0.00 | 25.40 -2.99 6.13 | 29.22 -5.13 23.66 | 19.84 -2.65 12.84 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.92 -1.06 0.00 | 16.55 -1.18 0.00 |
| OZONE_PARK_ESR 323760 | 24.45 1.38 0.00 | 20.53 1.15 0.00 | 21.63 1.20 0.00 | 20.50 1.14 0.00 | 21.16 1.20 0.00 | 22.06 1.26 0.00 | 26.88 1.63 0.00 | 44.66 2.85 0.00 | 26.85 1.88 0.00 | 23.97 1.75 0.00 | 25.63 2.01 0.00 | 25.63 2.09 0.00 | 24.19 2.04 0.00 | 24.59 2.07 0.00 | 24.37 2.10 0.00 | 27.13 2.26 0.00 | 28.95 2.31 0.00 | 37.40 2.87 0.00 | 62.72 4.72 0.00 | 38.18 2.85 0.00 | 27.47 2.01 0.00 | 25.22 1.81 0.00 | 22.54 1.56 0.00 | 19.09 1.36 0.00 |
| PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013 | 4.26 -1.64 17.18 | 2.95 -1.32 15.12 | 3.73 -1.47 15.24 | 10.02 -1.47 7.87 | 4.87 -1.45 13.64 | 11.33 -1.53 7.94 | 12.10 -1.69 11.46 | 27.64 -2.97 11.19 | 17.58 -1.54 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.57 0.00 | 15.77 -1.31 5.07 | 20.98 -1.55 0.00 | 20.64 -1.60 0.02 | 22.77 -1.82 0.28 | 24.51 -2.13 0.00 | 25.40 -2.99 6.13 | 29.22 -5.13 23.66 | 19.84 -2.65 12.84 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.92 -1.06 0.00 | 16.55 -1.18 0.00 |
| PACKARD__I15KV_DUPONT_I84 80571 | 4.26 -1.64 17.18 | 2.95 -1.32 15.12 | 3.73 -1.47 15.24 | 10.02 -1.47 7.87 | 4.87 -1.45 13.64 | 11.33 -1.53 7.94 | 12.10 -1.69 11.46 | 27.64 -2.97 11.19 | 17.58 -1.54 5.86 | 19.14 -1.48 1.59 | 17.98 -1.49 4.15 | 21.97 -1.57 0.00 | 15.77 -1.31 5.07 | 20.98 -1.55 0.00 | 20.64 -1.60 0.02 | 22.77 -1.82 0.28 | 24.51 -2.13 0.00 | 25.40 -2.99 6.13 | 29.22 -5.13 23.66 | 19.84 -2.65 12.84 | 23.29 -2.15 0.02 | 22.05 -1.36 0.00 | 19.92 -1.06 0.00 | 16.55 -1.18 0.00 |
| PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007 | 24.16 1.09 0.00 | 20.29 0.91 0.00 | 21.41 0.98 0.00 | 20.30 0.94 0.00 | 20.95 0.99 0.00 | 21.84 1.04 0.00 | 26.61 1.37 0.00 | 44.14 2.33 0.00 | 26.56 1.59 0.00 | 23.66 1.45 0.00 | 25.31 1.69 0.00 | 25.26 1.72 0.00 | 23.85 1.70 0.00 | 24.23 1.71 0.00 | 24.00 1.73 0.00 | 26.74 1.87 0.00 | 28.55 1.90 0.00 | 36.91 2.39 0.00 | 61.99 3.99 0.00 | 37.82 2.49 0.00 | 27.20 1.74 0.00 | 24.94 1.53 0.00 | 22.29 1.32 0.00 | 18.89 1.17 0.00 |
| PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019 | 24.17 1.09 0.00 | 20.29 0.91 0.00 | 21.42 0.99 0.00 | 20.30 0.95 0.00 | 20.95 0.99 0.00 | 21.84 1.05 0.00 | 26.61 1.37 0.00 | 44.19 2.38 0.00 | 26.60 1.63 0.00 | 23.67 1.45 0.00 | 25.31 1.69 0.00 | 25.26 1.72 0.00 | 23.85 1.71 0.00 | 24.23 1.71 0.00 | 24.00 1.74 0.00 | 26.74 1.87 0.00 | 28.55 1.90 0.00 | 36.92 2.39 0.00 | 62.00 3.99 0.00 | 37.89 2.55 0.00 | 27.21 1.75 0.00 | 24.94 1.53 0.00 | 22.30 1.32 0.00 | 18.90 1.17 0.00 |
| PATROON__I15KV_TB1 80586 | 23.86 0.78 0.00 | 20.02 0.64 0.00 | 21.12 0.69 0.00 | 20.03 0.68 0.00 | 20.65 0.69 0.00 | 21.52 0.73 0.00 | 26.18 0.94 0.00 | 43.35 1.54 0.00 | 25.93 0.96 0.00 | 23.10 0.88 0.00 | 24.62 1.00 0.00 | 24.53 0.98 0.00 | 23.06 0.91 0.00 | 23.44 0.92 0.00 | 23.06 0.80 0.00 | 25.78 0.91 0.00 | 27.51 0.87 0.00 | 35.69 1.16 0.00 | 60.20 2.19 0.00 | 36.79 1.45 0.00 | 26.44 0.98 0.00 | 24.16 0.74 0.00 | 21.59 0.62 0.00 | 18.27 0.54 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 23.92 0.85 0.00 | 20.08 0.69 0.00 | 21.17 0.74 0.00 | 20.05 0.69 0.00 | 20.69 0.72 0.00 | 21.58 0.78 0.00 | 26.25 1.01 0.00 | 43.55 1.74 0.00 | 25.99 1.02 0.00 | 23.04 0.83 0.00 | 24.39 0.76 0.00 | 24.11 0.57 0.00 | 22.67 0.52 0.00 | 23.03 0.50 0.00 | 22.80 0.53 0.00 | 25.60 0.73 0.00 | 27.51 0.86 0.00 | 35.94 1.42 0.00 | 60.56 2.55 0.00 | 36.88 1.55 0.00 | 26.51 1.05 0.00 | 24.36 0.95 0.00 | 21.79 0.82 0.00 | 18.42 0.69 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 2.64 -0.75 19.69 | 1.47 -0.59 17.32 | 2.28 -0.69 17.46 | 9.64 -0.70 9.02 | 3.67 -0.67 15.63 | 11.01 -0.69 9.10 | 11.45 -0.66 13.13 | 27.95 -1.03 12.83 | 17.82 -0.45 6.70 | 19.94 -0.49 1.79 | 18.48 -0.47 4.67 | 23.00 -0.54 0.00 | 16.18 -0.32 5.65 | 22.03 -0.49 0.00 | 21.72 -0.52 0.02 | 23.95 -0.61 0.32 | 25.86 -0.77 0.00 | 26.35 -1.15 7.02 | 29.27 -1.83 26.91 | 19.94 -0.83 14.56 | 24.45 -1.00 0.02 | 23.07 -0.34 0.00 | 20.75 -0.22 0.00 | 17.25 -0.48 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 24.44 1.36 0.00 | 20.48 1.10 0.00 | 21.58 1.15 0.00 | 20.45 1.09 0.00 | 21.10 1.14 0.00 | 22.04 1.24 0.00 | 26.87 1.63 0.00 | 44.67 2.86 0.00 | 26.79 1.82 0.00 | 23.88 1.66 0.00 | 25.47 1.85 0.00 | 25.43 1.89 0.00 | 23.95 1.80 0.00 | 24.29 1.76 0.00 | 24.03 1.76 0.00 | 26.81 1.93 0.00 | 28.65 2.01 0.00 | 37.10 2.57 0.00 | 62.38 4.37 0.00 | 37.96 2.63 0.00 | 27.26 1.80 0.00 | 25.02 1.61 0.00 | 22.34 1.37 0.00 | 18.91 1.19 0.00 |
| PEEKSKILL____ 23653 | 24.14 1.07 0.00 | 20.26 0.88 0.00 | 21.34 0.91 0.00 | 20.22 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.98 0.00 | 26.51 1.26 0.00 | 44.03 2.22 0.00 | 26.42 1.45 0.00 | 23.57 1.35 0.00 | 25.17 1.55 0.00 | 25.16 1.62 0.00 | 23.70 1.55 0.00 | 24.10 1.57 0.00 | 23.86 1.59 0.00 | 26.58 1.71 0.00 | 28.38 1.74 0.00 | 36.73 2.21 0.00 | 61.73 3.72 0.00 | 37.56 2.23 0.00 | 26.98 1.52 0.00 | 24.78 1.37 0.00 | 22.15 1.18 0.00 | 18.77 1.04 0.00 |

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| PGE MADISON___WINDPWR 24146 | 66.94 0.83 -43.04 | 57.96 0.70 -37.87 | 59.34 0.74 -38.17 | 39.81 0.73 -19.72 | 55.02 0.89 -34.17 | 41.84 1.15 -19.88 | 55.69 1.75 -28.70 | 73.15 3.30 -28.04 | 41.17 1.83 -14.37 | 24.99 1.34 -1.43 | 29.47 1.29 -4.55 | 24.83 1.28 0.00 | 24.90 1.31 -1.45 | 23.91 1.39 0.00 | 23.66 1.39 -0.01 | 26.45 1.49 -0.08 | 28.44 1.79 0.00 | 51.79 2.85 -14.42 | 110.82 4.94 -47.88 | 58.79 2.81 -20.65 | 26.81 1.35 0.00 | 24.67 1.25 0.00 | 22.02 1.05 0.00 | 18.43 0.70 0.00 |
| PIERCEFIELD___HYD 23852 | 23.72 0.65 0.00 | 19.85 0.47 0.00 | 20.90 0.46 0.00 | 19.81 0.45 0.00 | 20.48 0.51 0.00 | 21.53 0.74 0.00 | 25.99 1.31 0.57 | 44.28 2.47 0.00 | 26.22 1.25 0.00 | 22.99 0.77 0.00 | 24.23 0.61 0.00 | 23.79 0.25 0.00 | 22.09 -0.06 0.00 | 22.51 -0.02 0.00 | 22.35 0.09 0.00 | 25.25 0.37 0.00 | 27.99 1.34 0.00 | 36.79 2.27 0.00 | 62.37 4.36 0.00 | 67.62 1.98 -30.31 | 54.41 1.09 -27.85 | 53.58 0.78 -29.38 | 49.22 0.49 -27.76 | 10.15 0.26 7.84 |
| PINELAWN_CC_1 323563 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.41 0.97 0.00 | 20.30 0.94 0.00 | 20.96 1.00 0.00 | 22.00 1.20 0.00 | 26.76 1.52 0.00 | 44.12 2.31 0.00 | 26.55 1.59 0.00 | 23.80 1.59 0.00 | 25.58 1.96 0.00 | 25.46 1.91 0.00 | 23.92 1.77 0.00 | 24.17 1.64 0.00 | 23.58 1.31 0.00 | 14.39 1.21 11.70 | 25.69 1.28 2.23 | 36.22 1.70 0.00 | 59.65 2.70 1.06 | 36.95 1.62 0.00 | 26.83 1.37 0.00 | 24.89 1.47 0.00 | 22.40 1.43 0.00 | 18.94 1.21 0.00 |
| PJM_GEN_HTP_PROXY 323702 | 24.23 1.16 0.00 | 20.34 0.96 0.00 | 21.43 1.00 0.00 | 20.31 0.95 0.00 | 20.96 1.00 0.00 | 22.12 1.07 -0.26 | 26.61 1.37 0.00 | 45.56 2.39 -1.36 | 26.57 1.60 0.00 | 23.72 1.51 0.00 | 25.38 1.76 0.00 | 25.71 1.85 -0.32 | 23.95 1.80 0.00 | 24.52 1.83 -0.17 | 24.11 1.85 0.00 | 26.86 1.98 0.00 | 28.66 2.01 0.00 | 37.03 2.51 0.00 | 62.35 4.09 -0.26 | 37.81 2.42 -0.06 | 26.13 1.69 1.02 | 24.94 1.52 0.00 | 22.29 1.31 0.00 | 18.88 1.16 0.00 |
| PJM_GEN_KEystone 24065 | 13.00 -0.10 9.98 | 10.53 -0.08 8.78 | 11.49 -0.09 8.85 | 14.71 -0.08 4.57 | 11.97 -0.07 7.92 | 16.41 -0.03 4.35 | 18.60 0.01 6.65 | 36.85 0.18 5.15 | 21.81 0.20 3.36 | 21.91 0.19 0.49 | 22.48 0.28 1.42 | 24.23 0.36 -0.32 | 21.53 0.42 1.04 | 23.11 0.42 -0.17 | 22.69 0.43 0.00 | 25.19 0.38 0.06 | 26.94 0.29 0.00 | 31.39 0.27 3.40 | 47.39 0.51 11.12 | 36.21 0.36 -0.51 | 24.43 -0.02 1.02 | 24.24 0.21 -0.61 | 21.16 0.19 0.00 | 17.81 0.09 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 24.06 0.99 0.00 | 20.22 0.83 0.00 | 21.23 0.79 0.00 | 20.13 0.78 0.00 | 20.78 0.82 0.00 | 22.02 0.97 -0.26 | 26.45 1.21 0.00 | 45.03 1.86 -1.36 | 26.27 1.30 0.00 | 23.56 1.34 0.00 | 25.30 1.68 0.00 | 25.53 1.67 -0.32 | 23.72 1.57 0.00 | 24.16 1.47 -0.17 | 23.59 1.32 0.00 | 12.23 1.32 13.96 | 25.32 1.35 2.66 | 36.37 1.84 0.00 | 59.97 2.96 1.00 | 37.15 1.77 -0.06 | 25.75 1.30 1.02 | 24.62 1.20 0.00 | 22.13 1.16 0.00 | 18.71 0.99 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 24.17 1.09 0.00 | 20.32 0.94 0.00 | 21.41 0.98 0.00 | 20.29 0.94 0.00 | 20.94 0.98 0.00 | 22.08 1.03 -0.26 | 26.55 1.31 0.00 | 45.44 2.28 -1.36 | 26.50 1.54 0.00 | 23.65 1.43 0.00 | 25.28 1.66 0.00 | 25.60 1.73 -0.32 | 23.83 1.68 0.00 | 24.40 1.71 -0.17 | 24.01 1.74 0.00 | 26.73 1.86 0.00 | 28.53 1.88 0.00 | 36.86 2.33 0.00 | 62.08 3.82 -0.26 | 37.68 2.29 -0.06 | 26.07 1.62 1.02 | 24.87 1.46 0.00 | 22.24 1.26 0.00 | 18.86 1.14 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 22.93 -0.15 0.00 | 19.22 -0.17 0.00 | 20.22 -0.21 0.00 | 19.20 -0.15 0.00 | 19.73 -0.23 0.00 | 20.59 -0.20 0.00 | 23.62 -0.31 1.31 | 41.41 -0.40 0.00 | 24.66 -0.31 0.00 | 21.99 -0.23 0.00 | 23.45 -0.17 0.00 | 23.39 -0.15 0.00 | 21.85 -0.30 0.00 | 22.20 -0.33 0.00 | 22.04 -0.23 0.00 | 24.78 -0.09 0.00 | 26.84 0.19 0.00 | 34.70 0.18 0.00 | 57.97 -0.04 0.00 | -10.86 -0.65 45.54 | -16.83 -0.44 41.84 | -21.20 -0.47 44.14 | -21.21 -0.49 41.70 | -20.77 -0.51 37.98 |
| PLEASANTVLY___LBMP 24000 | 24.04 0.97 0.00 | 20.17 0.79 0.00 | 21.25 0.81 0.00 | 20.13 0.78 0.00 | 20.77 0.81 0.00 | 21.67 0.88 0.00 | 26.36 1.12 0.00 | 43.77 1.96 0.00 | 26.25 1.28 0.00 | 23.43 1.21 0.00 | 25.00 1.38 0.00 | 24.97 1.43 0.00 | 23.52 1.37 0.00 | 23.91 1.38 0.00 | 23.66 1.39 0.00 | 26.39 1.51 0.00 | 28.18 1.54 0.00 | 36.48 1.95 0.00 | 61.31 3.30 0.00 | 37.33 2.00 0.00 | 26.82 1.36 0.00 | 24.63 1.21 0.00 | 22.02 1.05 0.00 | 18.66 0.93 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 24.18 1.11 0.00 | 20.29 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.91 0.00 | 20.91 0.95 0.00 | 21.82 1.02 0.00 | 26.56 1.31 0.00 | 44.08 2.27 0.00 | 26.46 1.49 0.00 | 23.61 1.40 0.00 | 25.23 1.61 0.00 | 25.21 1.66 0.00 | 23.75 1.60 0.00 | 24.15 1.62 0.00 | 23.90 1.63 0.00 | 26.64 1.76 0.00 | 28.44 1.79 0.00 | 36.80 2.27 0.00 | 61.83 3.83 0.00 | 37.63 2.30 0.00 | 27.04 1.58 0.00 | 24.84 1.42 0.00 | 22.19 1.22 0.00 | 18.81 1.08 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 24.18 1.11 0.00 | 20.29 0.91 0.00 | 21.38 0.95 0.00 | 20.26 0.91 0.00 | 20.91 0.95 0.00 | 21.82 1.02 0.00 | 26.56 1.31 0.00 | 44.08 2.27 0.00 | 26.46 1.49 0.00 | 23.61 1.40 0.00 | 25.23 1.61 0.00 | 25.21 1.66 0.00 | 23.75 1.60 0.00 | 24.15 1.62 0.00 | 23.90 1.63 0.00 | 26.64 1.76 0.00 | 28.44 1.79 0.00 | 36.80 2.27 0.00 | 61.83 3.83 0.00 | 37.63 2.30 0.00 | 27.04 1.58 0.00 | 24.84 1.42 0.00 | 22.19 1.22 0.00 | 18.81 1.08 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 24.28 1.20 0.00 | 20.36 0.98 0.00 | 21.45 1.01 0.00 | 20.32 0.96 0.00 | 20.96 1.00 0.00 | 21.89 1.09 0.00 | 26.66 1.42 0.00 | 44.30 2.49 0.00 | 26.56 1.59 0.00 | 23.66 1.45 0.00 | 25.22 1.60 0.00 | 25.17 1.63 0.00 | 23.69 1.55 0.00 | 24.09 1.56 0.00 | 23.86 1.59 0.00 | 26.66 1.78 0.00 | 28.48 1.84 0.00 | 36.92 2.39 0.00 | 62.10 4.10 0.00 | 37.80 2.47 0.00 | 27.14 1.68 0.00 | 24.91 1.50 0.00 | 22.25 1.28 0.00 | 18.84 1.11 0.00 |
| POLETTI___ 23519 | 24.22 1.15 0.00 | 20.35 0.96 0.00 | 21.45 1.02 0.00 | 20.33 0.98 0.00 | 20.98 1.02 0.00 | 21.85 1.05 0.00 | 26.60 1.36 0.00 | 44.15 2.34 0.00 | 26.55 1.58 0.00 | 23.71 1.49 0.00 | 25.37 1.75 0.00 | 25.37 1.82 0.00 | 23.94 1.80 0.00 | 24.34 1.81 0.00 | 24.12 1.85 0.00 | 26.83 1.96 0.00 | 28.62 1.98 0.00 | 36.97 2.44 0.00 | 62.01 4.01 0.00 | 37.73 2.40 0.00 | 27.16 1.69 0.00 | 24.94 1.53 0.00 | 22.29 1.32 0.00 | 18.90 1.18 0.00 |
| POMONA___ESR 323819 | 24.16 1.08 0.00 | 20.28 0.90 0.00 | 21.36 0.93 0.00 | 20.24 0.88 0.00 | 20.89 0.93 0.00 | 21.80 1.01 0.00 | 26.53 1.29 0.00 | 44.09 2.28 0.00 | 26.44 1.47 0.00 | 23.59 1.37 0.00 | 25.18 1.56 0.00 | 25.18 1.64 0.00 | 23.71 1.57 0.00 | 24.12 1.59 0.00 | 23.89 1.62 0.00 | 26.63 1.75 0.00 | 28.43 1.78 0.00 | 36.79 2.27 0.00 | 61.84 3.84 0.00 | 37.63 2.30 0.00 | 27.00 1.54 0.00 | 24.81 1.39 0.00 | 22.17 1.20 0.00 | 18.78 1.05 0.00 |
| PORT_JEFF_3 23555 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.39 0.96 0.00 | 20.30 0.94 0.00 | 20.97 1.01 0.00 | 22.05 1.25 0.00 | 26.86 1.61 0.00 | 44.16 2.35 0.00 | 26.59 1.62 0.00 | 23.86 1.65 0.00 | 25.64 2.02 0.00 | 25.51 1.97 0.00 | 23.97 1.83 0.00 | 24.19 1.66 0.00 | 23.65 1.38 0.00 | 13.49 1.44 12.82 | 25.79 1.59 2.45 | 36.79 2.27 0.00 | 60.43 3.58 1.16 | 37.46 2.13 0.00 | 27.09 1.63 0.00 | 24.89 1.48 0.00 | 22.43 1.46 0.00 | 18.96 1.23 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| PORT_JEFF_4 23616 | 24.29 1.22 0.00 | 20.40 1.02 0.00 | 21.39 0.96 0.00 | 20.30 0.94 0.00 | 20.97 1.01 0.00 | 22.05 1.25 0.00 | 26.86 1.61 0.00 | 44.16 2.35 0.00 | 26.59 1.62 0.00 | 23.86 1.65 0.00 | 25.64 2.02 0.00 | 25.51 1.97 0.00 | 23.97 1.83 0.00 | 24.19 1.66 0.00 | 23.65 1.38 0.00 | 13.49 1.44 12.82 | 25.79 1.59 2.45 | 36.79 2.27 0.00 | 60.43 3.58 1.16 | 37.46 2.13 0.00 | 27.09 1.63 0.00 | 24.89 1.48 0.00 | 22.43 1.46 0.00 | 18.96 1.23 0.00 |
| PORT_JEFF_IC 23713 | 24.29 1.21 0.00 | 20.40 1.02 0.00 | 21.39 0.96 0.00 | 20.30 0.94 0.00 | 20.97 1.01 0.00 | 22.05 1.25 0.00 | 26.86 1.61 0.00 | 44.16 2.35 0.00 | 26.58 1.61 0.00 | 23.87 1.65 0.00 | 25.64 2.02 0.00 | 25.51 1.96 0.00 | 23.98 1.83 0.00 | 24.19 1.66 0.00 | 23.65 1.38 0.00 | 13.53 1.44 12.78 | 25.81 1.61 2.44 | 36.80 2.28 0.00 | 60.48 3.63 1.16 | 37.47 2.14 0.00 | 27.09 1.64 0.00 | 24.90 1.49 0.00 | 22.42 1.45 0.00 | 18.96 1.23 0.00 |
| PPL_PILGRIM_ST_GT1 24216 | 24.41 1.33 0.00 | 20.50 1.12 0.00 | 21.49 1.06 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 22.12 1.32 0.00 | 26.93 1.69 0.00 | 44.34 2.53 0.00 | 26.69 1.71 0.00 | 23.94 1.73 0.00 | 25.74 2.12 0.00 | 25.62 2.07 0.00 | 24.07 1.92 0.00 | 24.28 1.75 0.00 | 23.77 1.51 0.00 | 13.82 1.54 12.60 | 25.95 1.71 2.40 | 36.92 2.39 0.00 | 60.67 3.80 1.14 | 37.60 2.27 0.00 | 27.18 1.72 0.00 | 24.99 1.57 0.00 | 22.50 1.53 0.00 | 19.03 1.31 0.00 |
| PPL_PILGRIM_ST_GT2 24217 | 24.41 1.33 0.00 | 20.50 1.12 0.00 | 21.49 1.06 0.00 | 20.39 1.04 0.00 | 21.06 1.10 0.00 | 22.12 1.32 0.00 | 26.93 1.69 0.00 | 44.34 2.53 0.00 | 26.69 1.71 0.00 | 23.94 1.73 0.00 | 25.74 2.12 0.00 | 25.62 2.07 0.00 | 24.07 1.92 0.00 | 24.28 1.75 0.00 | 23.77 1.51 0.00 | 13.82 1.54 12.60 | 25.95 1.71 2.40 | 36.92 2.39 0.00 | 60.67 3.80 1.14 | 37.60 2.27 0.00 | 27.18 1.72 0.00 | 24.99 1.57 0.00 | 22.50 1.53 0.00 | 19.03 1.31 0.00 |
| PPL_SHRM_GT3 24213 | 24.28 1.20 0.00 | 20.39 1.01 0.00 | 21.38 0.94 0.00 | 20.30 0.94 0.00 | 20.99 1.03 0.00 | 22.14 1.34 0.00 | 27.02 1.78 0.00 | 44.37 2.56 0.00 | 26.72 1.75 0.00 | 23.96 1.74 0.00 | 25.69 2.07 0.00 | 25.55 2.01 0.00 | 24.00 1.85 0.00 | 24.19 1.66 0.00 | 23.54 1.27 0.00 | 13.47 1.41 12.81 | 25.84 1.65 2.44 | 36.89 2.37 0.00 | 60.64 3.79 1.16 | 37.57 2.24 0.00 | 27.16 1.70 0.00 | 24.93 1.51 0.00 | 22.47 1.50 0.00 | 18.98 1.26 0.00 |
| PPL_SHRM_GT4 24214 | 24.28 1.20 0.00 | 20.39 1.01 0.00 | 21.38 0.94 0.00 | 20.30 0.94 0.00 | 20.99 1.03 0.00 | 22.14 1.34 0.00 | 27.02 1.78 0.00 | 44.37 2.56 0.00 | 26.72 1.75 0.00 | 23.96 1.74 0.00 | 25.69 2.07 0.00 | 25.55 2.01 0.00 | 24.00 1.85 0.00 | 24.19 1.66 0.00 | 23.54 1.27 0.00 | 13.47 1.41 12.81 | 25.84 1.65 2.44 | 36.89 2.37 0.00 | 60.64 3.79 1.16 | 37.57 2.24 0.00 | 27.16 1.70 0.00 | 24.93 1.51 0.00 | 22.47 1.50 0.00 | 18.98 1.26 0.00 |
| PROJECT___ORANGE 1 24174 | 22.56 -0.51 0.00 | 18.97 -0.42 0.00 | 19.98 -0.45 0.00 | 18.92 -0.43 0.00 | 19.53 -0.44 0.00 | 20.34 -0.45 0.00 | 24.70 -0.54 0.00 | 40.86 -0.95 0.00 | 24.47 -0.50 0.00 | 21.74 -0.48 0.00 | 23.07 -0.56 0.00 | 22.99 -0.56 0.00 | 21.67 -0.48 0.00 | 22.04 -0.49 0.00 | 21.79 -0.48 0.00 | 24.31 -0.57 0.00 | 26.08 -0.56 0.00 | 33.82 -0.71 0.00 | 56.82 -1.19 0.00 | 34.64 -0.69 0.00 | 25.05 -0.41 0.00 | 23.11 -0.30 0.00 | 20.72 -0.25 0.00 | 17.48 -0.25 0.00 |
| PROJECT___ORANGE 2 24166 | 22.56 -0.51 0.00 | 18.97 -0.42 0.00 | 19.98 -0.45 0.00 | 18.92 -0.43 0.00 | 19.53 -0.44 0.00 | 20.34 -0.45 0.00 | 24.70 -0.54 0.00 | 40.86 -0.95 0.00 | 24.47 -0.50 0.00 | 21.74 -0.48 0.00 | 23.07 -0.56 0.00 | 22.99 -0.56 0.00 | 21.67 -0.48 0.00 | 22.04 -0.49 0.00 | 21.79 -0.48 0.00 | 24.31 -0.57 0.00 | 26.08 -0.56 0.00 | 33.82 -0.71 0.00 | 56.82 -1.19 0.00 | 34.64 -0.69 0.00 | 25.05 -0.41 0.00 | 23.11 -0.30 0.00 | 20.72 -0.25 0.00 | 17.48 -0.25 0.00 |
| PUCKETT___SOLAR 323809 | 28.44 0.18 -5.18 | 24.10 0.15 -4.56 | 25.21 0.18 -4.60 | 21.93 0.19 -2.38 | 24.31 0.23 -4.12 | 23.52 0.33 -2.39 | 29.22 0.52 -3.45 | 46.29 1.10 -3.38 | 27.32 0.61 -1.74 | 23.01 0.42 -0.37 | 24.99 0.37 -0.99 | 23.96 0.41 0.00 | 23.68 0.49 -1.04 | 23.03 0.50 0.00 | 22.81 0.54 0.00 | 25.50 0.56 -0.06 | 27.33 0.69 0.00 | 37.35 1.00 -1.82 | 66.65 1.73 -6.92 | 39.79 0.98 -3.49 | 25.58 0.12 0.00 | 23.66 0.24 0.00 | 21.16 0.19 0.00 | 17.81 0.08 0.00 |
| PYRITES___HYD 24023 | 24.36 1.29 0.00 | 20.37 0.99 0.00 | 21.44 1.01 0.00 | 20.33 0.98 0.00 | 21.06 1.10 0.00 | 22.20 1.40 0.00 | 26.91 2.24 0.57 | 45.86 4.05 0.00 | 27.12 2.15 0.00 | 23.62 1.40 0.00 | 24.70 1.08 0.00 | 24.16 0.61 0.00 | 22.37 0.22 0.00 | 22.80 0.28 0.00 | 22.71 0.44 0.00 | 25.70 0.82 0.00 | 28.65 2.01 0.00 | 37.90 3.38 0.00 | 64.54 6.53 0.00 | 68.93 3.28 -30.31 | 55.28 1.96 -27.85 | 54.34 1.54 -29.38 | 49.85 1.12 -27.76 | 10.64 0.75 7.84 |
| QUAKERRD_115KV_BK1 80622 | 9.62 -1.26 12.20 | 7.62 -1.03 10.73 | 8.48 -1.13 10.82 | 12.68 -1.09 5.59 | 9.18 -1.10 9.68 | 14.06 -1.10 5.64 | 15.87 -1.24 8.14 | 31.81 -2.05 7.95 | 19.81 -1.10 4.06 | 20.85 -1.06 0.31 | 21.38 -1.16 1.08 | 22.39 -1.15 0.00 | 21.08 -1.06 0.00 | 21.43 -1.10 0.00 | 21.17 -1.10 0.00 | 23.66 -1.21 0.00 | 25.33 -1.31 0.00 | 28.65 -1.82 4.05 | 41.84 -3.09 13.08 | 28.20 -1.74 5.39 | 24.21 -1.25 0.00 | 22.51 -0.91 0.00 | 20.21 -0.76 0.00 | 16.93 -0.80 0.00 |
| QUENSBRY_115KV_TB8 356137 | 24.36 1.29 0.00 | 20.31 0.93 0.00 | 21.47 1.04 0.00 | 20.35 1.00 0.00 | 21.01 1.05 0.00 | 22.05 1.25 0.00 | 26.92 1.69 0.00 | 44.70 2.89 0.00 | 26.68 1.71 0.00 | 23.66 1.44 0.00 | 25.14 1.52 0.00 | 24.91 1.37 0.00 | 23.36 1.21 0.00 | 23.67 1.14 0.00 | 23.32 1.06 0.00 | 26.16 1.28 0.00 | 28.01 1.36 0.00 | 36.60 2.08 0.00 | 61.56 3.56 0.00 | 37.55 2.22 0.00 | 26.93 1.46 0.00 | 24.74 1.33 0.00 | 22.17 1.19 0.00 | 18.68 0.95 0.00 |
| RAMAPO___LBMP 323565 | 24.09 1.01 0.00 | 20.22 0.83 0.00 | 21.31 0.87 0.00 | 20.19 0.83 0.00 | 20.84 0.88 0.00 | 21.74 0.94 0.00 | 26.46 1.22 0.00 | 43.96 2.15 0.00 | 26.36 1.39 0.00 | 23.50 1.29 0.00 | 25.09 1.47 0.00 | 25.09 1.54 0.00 | 23.63 1.48 0.00 | 24.03 1.51 0.00 | 23.80 1.53 0.00 | 26.53 1.65 0.00 | 28.31 1.67 0.00 | 36.65 2.12 0.00 | 61.62 3.62 0.00 | 37.48 2.15 0.00 | 26.91 1.44 0.00 | 24.72 1.31 0.00 | 22.09 1.12 0.00 | 18.72 0.99 0.00 |
| RANKINE____ 23646 | 2.58 -1.11 19.39 | 1.43 -0.89 17.06 | 2.24 -1.00 17.20 | 9.48 -0.99 8.88 | 3.60 -0.96 15.39 | 10.86 -0.97 8.96 | 11.28 -1.03 12.93 | 27.48 -1.69 12.63 | 17.52 -0.83 6.62 | 19.41 -0.84 1.97 | 17.69 -0.86 5.08 | 22.67 -0.87 0.00 | 14.97 -0.69 6.49 | 21.72 -0.81 0.00 | 21.40 -0.84 0.03 | 23.54 -0.97 0.37 | 25.48 -1.16 0.00 | 25.85 -1.68 7.00 | 27.67 -2.81 27.53 | 18.57 -1.42 15.35 | 24.08 -1.36 0.02 | 22.75 -0.67 0.00 | 20.48 -0.49 0.00 | 17.01 -0.72 0.00 |
| RAVENSWOOD_GT2_1 24244 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.65 1.40 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.38 1.84 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.49 0.00 | 62.09 4.08 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.97 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |

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| RAVENSWOOD_GT2_2 24245 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.46 1.03 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.09 0.00 | 26.65 1.40 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.38 1.84 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.49 0.00 | 62.09 4.08 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.97 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT2_3 24246 | 24.27 1.20 0.00 | 20.38 1.00 0.00 | 21.48 1.04 0.00 | 20.35 1.00 0.00 | 21.01 1.05 0.00 | 21.90 1.10 0.00 | 26.66 1.42 0.00 | 44.27 2.46 0.00 | 26.62 1.65 0.00 | 23.77 1.55 0.00 | 25.41 1.79 0.00 | 25.40 1.86 0.00 | 23.97 1.82 0.00 | 24.36 1.84 0.00 | 24.13 1.86 0.00 | 26.86 1.99 0.00 | 28.66 2.02 0.00 | 37.03 2.51 0.00 | 62.13 4.12 0.00 | 37.80 2.47 0.00 | 27.21 1.75 0.00 | 24.99 1.57 0.00 | 22.34 1.36 0.00 | 18.93 1.21 0.00 |
| RAVENSWOOD_GT2_4 24247 | 24.27 1.20 0.00 | 20.38 1.00 0.00 | 21.48 1.04 0.00 | 20.35 1.00 0.00 | 21.01 1.05 0.00 | 21.90 1.10 0.00 | 26.66 1.42 0.00 | 44.27 2.46 0.00 | 26.62 1.65 0.00 | 23.77 1.55 0.00 | 25.41 1.79 0.00 | 25.40 1.86 0.00 | 23.97 1.82 0.00 | 24.36 1.84 0.00 | 24.13 1.86 0.00 | 26.86 1.99 0.00 | 28.66 2.02 0.00 | 37.03 2.51 0.00 | 62.13 4.12 0.00 | 37.80 2.47 0.00 | 27.21 1.75 0.00 | 24.99 1.57 0.00 | 22.34 1.36 0.00 | 18.93 1.21 0.00 |
| RAVENSWOOD_GT3_1 24248 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.96 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.49 0.00 | 62.09 4.09 0.00 | 37.80 2.47 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT3_2 24249 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.96 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.49 0.00 | 62.09 4.09 0.00 | 37.80 2.47 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT3_3 24250 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.49 1.06 0.00 | 20.37 1.02 0.00 | 21.03 1.07 0.00 | 21.92 1.13 0.00 | 26.68 1.44 0.00 | 44.31 2.50 0.00 | 26.64 1.68 0.00 | 23.79 1.58 0.00 | 25.44 1.82 0.00 | 25.43 1.89 0.00 | 23.99 1.84 0.00 | 24.40 1.87 0.00 | 24.16 1.89 0.00 | 26.90 2.03 0.00 | 28.69 2.05 0.00 | 37.09 2.56 0.00 | 62.20 4.19 0.00 | 37.87 2.54 0.00 | 27.25 1.79 0.00 | 25.02 1.60 0.00 | 22.36 1.39 0.00 | 18.95 1.22 0.00 |
| RAVENSWOOD_GT3_4 24251 | 24.30 1.22 0.00 | 20.40 1.02 0.00 | 21.49 1.06 0.00 | 20.37 1.02 0.00 | 21.03 1.07 0.00 | 21.92 1.13 0.00 | 26.68 1.44 0.00 | 44.31 2.50 0.00 | 26.64 1.68 0.00 | 23.79 1.58 0.00 | 25.44 1.82 0.00 | 25.43 1.89 0.00 | 23.99 1.84 0.00 | 24.40 1.87 0.00 | 24.16 1.89 0.00 | 26.90 2.03 0.00 | 28.69 2.05 0.00 | 37.09 2.56 0.00 | 62.20 4.19 0.00 | 37.87 2.54 0.00 | 27.25 1.79 0.00 | 25.02 1.60 0.00 | 22.36 1.39 0.00 | 18.95 1.22 0.00 |
| RAVENSWOOD_GT_1 23729 | 24.29 1.21 0.00 | 20.40 1.01 0.00 | 21.50 1.07 0.00 | 20.37 1.02 0.00 | 21.03 1.07 0.00 | 21.93 1.13 0.00 | 26.69 1.45 0.00 | 44.28 2.47 0.00 | 26.68 1.71 0.00 | 23.83 1.61 0.00 | 25.46 1.84 0.00 | 25.45 1.90 0.00 | 24.03 1.88 0.00 | 24.42 1.90 0.00 | 24.19 1.92 0.00 | 26.92 2.04 0.00 | 28.70 2.06 0.00 | 37.06 2.54 0.00 | 62.14 4.13 0.00 | 37.86 2.53 0.00 | 27.27 1.81 0.00 | 25.03 1.61 0.00 | 22.38 1.41 0.00 | 18.96 1.23 0.00 |
| RAVENSWOOD_GT_10 24258 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_11 24259 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_4 24252 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.26 2.45 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.86 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.11 4.11 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_5 24254 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.26 2.45 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.86 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.11 4.11 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_6 24253 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.26 2.45 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.86 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.11 4.11 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_7 24255 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.26 2.45 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.35 1.82 0.00 | 24.11 1.84 0.00 | 26.86 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.11 4.11 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |

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|----------------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| RAVENSWOOD_GT_9 24257 | 24.27 1.19 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.56 0.00 | 22.33 1.35 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD___1 23533 | 24.26 1.18 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 1.00 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.22 2.41 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.41 1.87 0.00 | 23.99 1.84 0.00 | 24.38 1.85 0.00 | 24.14 1.87 0.00 | 26.87 1.99 0.00 | 28.66 2.02 0.00 | 37.02 2.49 0.00 | 62.06 4.06 0.00 | 37.82 2.49 0.00 | 27.24 1.77 0.00 | 24.99 1.58 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| RAVENSWOOD___2 23534 | 24.26 1.18 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 1.00 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.22 2.41 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.41 1.87 0.00 | 23.99 1.84 0.00 | 24.38 1.85 0.00 | 24.14 1.87 0.00 | 26.87 1.99 0.00 | 28.66 2.02 0.00 | 37.02 2.49 0.00 | 62.06 4.06 0.00 | 37.82 2.49 0.00 | 27.24 1.77 0.00 | 24.99 1.58 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| RAVENSWOOD___3 23535 | 24.27 1.20 0.00 | 20.38 1.00 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.89 1.10 0.00 | 26.65 1.41 0.00 | 44.25 2.44 0.00 | 26.61 1.64 0.00 | 23.76 1.54 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.81 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.85 1.98 0.00 | 28.65 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.80 2.46 0.00 | 27.20 1.74 0.00 | 24.98 1.57 0.00 | 22.33 1.36 0.00 | 18.92 1.19 0.00 |
| RAVENSWOOD___4 23820 | 24.26 1.18 0.00 | 20.37 0.99 0.00 | 21.47 1.04 0.00 | 20.35 1.00 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.22 2.41 0.00 | 26.64 1.67 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.41 1.87 0.00 | 23.99 1.84 0.00 | 24.38 1.85 0.00 | 24.14 1.87 0.00 | 26.87 1.99 0.00 | 28.66 2.02 0.00 | 37.02 2.49 0.00 | 62.06 4.06 0.00 | 37.82 2.49 0.00 | 27.24 1.77 0.00 | 24.99 1.58 0.00 | 22.35 1.38 0.00 | 18.94 1.21 0.00 |
| RCPI_TRUST___DRP 24196 | 24.25 1.17 0.00 | 20.36 0.97 0.00 | 21.45 1.02 0.00 | 20.32 0.97 0.00 | 20.98 1.02 0.00 | 21.88 1.08 0.00 | 26.63 1.39 0.00 | 44.23 2.43 0.00 | 26.59 1.63 0.00 | 23.76 1.54 0.00 | 25.41 1.79 0.00 | 25.45 1.91 0.00 | 24.01 1.86 0.00 | 24.42 1.89 0.00 | 24.18 1.91 0.00 | 26.92 2.05 0.00 | 28.72 2.08 0.00 | 37.10 2.58 0.00 | 62.22 4.22 0.00 | 37.82 2.49 0.00 | 27.20 1.74 0.00 | 24.97 1.56 0.00 | 22.32 1.35 0.00 | 18.92 1.19 0.00 |
| RED___ROCHESTER 323720 | 9.78 -0.78 12.51 | 7.73 -0.65 11.01 | 8.60 -0.74 11.10 | 12.90 -0.72 5.73 | 9.32 -0.71 9.93 | 14.33 -0.68 5.78 | 16.19 -0.71 8.34 | 32.54 -1.12 8.15 | 20.28 -0.53 4.15 | 21.33 -0.56 0.32 | 21.88 -0.63 1.10 | 22.93 -0.61 0.00 | 21.60 -0.54 0.00 | 21.94 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.63 0.00 | 25.93 -0.71 0.00 | 29.31 -1.07 4.15 | 42.81 -1.79 13.41 | 28.91 -0.89 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.72 -0.25 0.00 | 17.32 -0.41 0.00 |
| REGAN___SOLAR 323812 | 24.38 1.30 0.00 | 20.47 1.08 0.00 | 21.56 1.13 0.00 | 20.41 1.05 0.00 | 21.07 1.11 0.00 | 22.01 1.21 0.00 | 26.82 1.58 0.00 | 44.62 2.81 0.00 | 26.54 1.57 0.00 | 23.39 1.18 0.00 | 24.56 0.94 0.00 | 23.86 0.32 0.00 | 22.41 0.27 0.00 | 22.75 0.22 0.00 | 22.56 0.29 0.00 | 25.53 0.66 0.00 | 27.55 0.91 0.00 | 36.67 2.14 0.00 | 62.03 4.02 0.00 | 37.77 2.44 0.00 | 27.11 1.65 0.00 | 24.89 1.48 0.00 | 22.24 1.27 0.00 | 18.77 1.04 0.00 |
| RENSSELAER___COGEN 23796 | 23.75 0.67 0.00 | 19.93 0.55 0.00 | 21.03 0.59 0.00 | 19.94 0.58 0.00 | 20.57 0.60 0.00 | 21.42 0.62 0.00 | 26.04 0.80 0.00 | 43.12 1.31 0.00 | 25.79 0.82 0.00 | 22.97 0.75 0.00 | 24.48 0.86 0.00 | 24.39 0.85 0.00 | 22.93 0.79 0.00 | 23.31 0.79 0.00 | 22.93 0.66 0.00 | 25.62 0.75 0.00 | 27.33 0.69 0.00 | 35.46 0.94 0.00 | 59.81 1.81 0.00 | 36.57 1.24 0.00 | 26.29 0.83 0.00 | 24.03 0.62 0.00 | 21.48 0.51 0.00 | 18.19 0.46 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 25.52 2.45 0.00 | 21.08 1.69 0.00 | 22.42 1.99 0.00 | 21.30 1.94 0.00 | 21.99 2.03 0.00 | 23.28 2.49 0.00 | 28.52 3.28 0.00 | 47.46 5.65 0.00 | 28.25 3.28 0.00 | 24.95 2.73 0.00 | 26.56 2.94 0.00 | 26.20 2.65 0.00 | 24.60 2.45 0.00 | 24.86 2.33 0.00 | 24.39 2.12 0.00 | 27.40 2.52 0.00 | 29.33 2.69 0.00 | 38.57 4.05 0.00 | 64.71 6.70 0.00 | 39.63 4.30 0.00 | 28.27 2.81 0.00 | 26.06 2.64 0.00 | 23.34 2.37 0.00 | 19.53 1.80 0.00 |
| REVERE_CPPR_DRP 24186 | 23.60 0.52 0.00 | 19.80 0.41 0.00 | 20.90 0.47 0.00 | 19.76 0.40 0.00 | 20.42 0.46 0.00 | 21.37 0.57 0.00 | 26.11 0.87 0.00 | 43.44 1.63 0.00 | 25.84 0.87 0.00 | 22.78 0.56 0.00 | 24.18 0.56 0.00 | 23.98 0.44 0.00 | 22.55 0.40 0.00 | 22.94 0.41 0.00 | 22.69 0.43 0.00 | 25.40 0.53 0.00 | 27.55 0.91 0.00 | 35.92 1.40 0.00 | 60.73 2.73 0.00 | 39.35 1.43 -2.59 | 28.65 0.80 -2.38 | 26.62 0.69 -2.51 | 23.91 0.56 -2.37 | 18.58 0.40 -0.45 |
| REYNOLDS_115KV_TB3 80639 | 23.93 0.86 0.00 | 20.07 0.69 0.00 | 21.17 0.74 0.00 | 20.07 0.71 0.00 | 20.70 0.74 0.00 | 21.59 0.79 0.00 | 26.24 1.00 0.00 | 43.44 1.63 0.00 | 25.99 1.02 0.00 | 23.16 0.94 0.00 | 24.68 1.06 0.00 | 24.59 1.05 0.00 | 23.11 0.96 0.00 | 23.49 0.97 0.00 | 23.14 0.87 0.00 | 25.87 1.00 0.00 | 27.58 0.93 0.00 | 35.79 1.26 0.00 | 60.29 2.28 0.00 | 36.82 1.49 0.00 | 26.50 1.04 0.00 | 24.26 0.85 0.00 | 21.70 0.72 0.00 | 18.37 0.64 0.00 |
| RIVERBAY____ 323610 | 24.17 1.09 0.00 | 20.29 0.91 0.00 | 21.42 0.99 0.00 | 20.30 0.95 0.00 | 20.95 0.99 0.00 | 21.84 1.05 0.00 | 26.61 1.37 0.00 | 44.19 2.38 0.00 | 26.60 1.63 0.00 | 23.67 1.45 0.00 | 25.31 1.69 0.00 | 25.26 1.72 0.00 | 23.85 1.71 0.00 | 24.23 1.71 0.00 | 24.00 1.74 0.00 | 26.74 1.87 0.00 | 28.55 1.90 0.00 | 36.92 2.39 0.00 | 62.00 3.99 0.00 | 37.89 2.55 0.00 | 27.21 1.75 0.00 | 24.94 1.53 0.00 | 22.30 1.32 0.00 | 18.90 1.17 0.00 |
| RIVERSDE_115KV_TB3 55908 | 23.86 0.78 0.00 | 20.02 0.63 0.00 | 21.11 0.68 0.00 | 20.02 0.66 0.00 | 20.65 0.69 0.00 | 21.52 0.73 0.00 | 26.17 0.93 0.00 | 43.33 1.52 0.00 | 25.91 0.94 0.00 | 23.09 0.87 0.00 | 24.61 0.99 0.00 | 24.53 0.98 0.00 | 23.05 0.91 0.00 | 23.44 0.91 0.00 | 23.06 0.80 0.00 | 25.78 0.90 0.00 | 27.48 0.84 0.00 | 35.66 1.13 0.00 | 60.12 2.12 0.00 | 36.74 1.41 0.00 | 26.42 0.95 0.00 | 24.16 0.74 0.00 | 21.60 0.63 0.00 | 18.29 0.56 0.00 |
| ROARING___BROOK_WT_PWR 323790 | -39.00 -0.81 61.27 | -39.00 -0.68 57.70 | -29.46 -0.73 49.17 | -0.70 -0.71 19.35 | -39.00 -0.74 58.23 | -39.00 -0.76 59.04 | -39.00 -0.94 63.30 | -23.73 -1.51 64.02 | -27.34 -0.95 51.36 | 11.18 -0.75 10.29 | 23.01 -0.62 0.00 | 22.95 -0.60 0.00 | 21.58 -0.57 0.00 | 22.00 -0.53 0.00 | 21.71 -0.56 0.00 | 24.30 -0.57 0.00 | 26.09 -0.56 0.00 | 33.85 -0.67 0.00 | 56.62 -1.38 0.00 | 32.49 -1.20 1.64 | -11.94 -0.96 36.44 | -18.90 -0.94 41.38 | -39.00 -0.85 59.12 | -35.00 -0.60 52.12 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 9.78 -0.99 12.31 | 7.75 -0.80 10.83 | 8.62 -0.90 10.92 | 12.84 -0.88 5.64 | 9.32 -0.87 9.78 | 14.25 -0.86 5.69 | 16.08 -0.95 8.21 | 32.23 -1.56 8.02 | 20.08 -0.78 4.11 | 21.13 -0.77 0.32 | 21.68 -0.85 1.08 | 22.71 -0.84 0.00 | 21.38 -0.77 0.00 | 21.72 -0.81 0.00 | 21.45 -0.82 0.00 | 23.97 -0.90 0.00 | 25.63 -1.01 0.00 | 28.90 -1.46 4.16 | 41.34 -2.50 14.17 | 27.65 -1.32 6.36 | 24.46 -0.99 0.00 | 22.83 -0.59 0.00 | 20.52 -0.46 0.00 | 17.16 -0.57 0.00 |
| ROCHESTER_9_IC 23652 | 9.69 -0.87 12.51 | 7.66 -0.71 11.01 | 8.54 -0.80 11.10 | 12.84 -0.79 5.73 | 9.25 -0.78 9.93 | 14.26 -0.76 5.78 | 16.09 -0.81 8.34 | 32.33 -1.33 8.15 | 20.18 -0.64 4.15 | 21.24 -0.66 0.32 | 21.78 -0.73 1.10 | 22.83 -0.72 0.00 | 21.50 -0.65 0.00 | 21.84 -0.69 0.00 | 21.57 -0.69 0.00 | 24.12 -0.76 0.00 | 25.80 -0.84 0.00 | 29.12 -1.25 4.15 | 42.47 -2.13 13.41 | 28.70 -1.10 5.53 | 24.62 -0.84 0.00 | 22.96 -0.45 0.00 | 20.63 -0.35 0.00 | 17.25 -0.48 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 24.28 1.21 0.00 | 20.38 0.99 0.00 | 21.45 1.02 0.00 | 20.32 0.96 0.00 | 20.97 1.01 0.00 | 21.88 1.09 0.00 | 26.65 1.40 0.00 | 44.29 2.48 0.00 | 26.59 1.62 0.00 | 23.75 1.53 0.00 | 25.38 1.76 0.00 | 25.37 1.82 0.00 | 23.90 1.75 0.00 | 24.31 1.78 0.00 | 24.04 1.78 0.00 | 26.78 1.91 0.00 | 28.58 1.95 0.00 | 36.98 2.46 0.00 | 62.09 4.09 0.00 | 37.78 2.45 0.00 | 27.17 1.70 0.00 | 24.95 1.53 0.00 | 22.30 1.33 0.00 | 18.89 1.16 0.00 |
| ROME____115KV_TB2 80656 | 23.60 0.52 0.00 | 19.80 0.41 0.00 | 20.90 0.47 0.00 | 19.76 0.40 0.00 | 20.42 0.46 0.00 | 21.37 0.57 0.00 | 26.11 0.87 0.00 | 43.44 1.63 0.00 | 25.84 0.87 0.00 | 22.78 0.56 0.00 | 24.18 0.56 0.00 | 23.98 0.44 0.00 | 22.55 0.40 0.00 | 22.94 0.41 0.00 | 22.69 0.43 0.00 | 25.40 0.53 0.00 | 27.55 0.91 0.00 | 35.92 1.40 0.00 | 60.73 2.73 0.00 | 39.35 1.43 -2.59 | 28.65 0.80 -2.38 | 26.62 0.69 -2.51 | 23.91 0.56 -2.37 | 18.58 0.40 -0.45 |
| ROSETON___1 23587 | 24.03 0.96 0.00 | 20.17 0.78 0.00 | 21.25 0.81 0.00 | 20.13 0.77 0.00 | 20.77 0.81 0.00 | 21.66 0.87 0.00 | 26.35 1.11 0.00 | 43.75 1.94 0.00 | 26.24 1.27 0.00 | 23.41 1.19 0.00 | 24.98 1.36 0.00 | 24.95 1.41 0.00 | 23.50 1.35 0.00 | 23.89 1.36 0.00 | 23.64 1.38 0.00 | 26.38 1.51 0.00 | 28.17 1.53 0.00 | 36.46 1.94 0.00 | 61.30 3.29 0.00 | 37.31 1.98 0.00 | 26.80 1.34 0.00 | 24.61 1.20 0.00 | 22.00 1.03 0.00 | 18.65 0.91 0.00 |
| ROSETON___2 23588 | 24.03 0.96 0.00 | 20.17 0.78 0.00 | 21.25 0.81 0.00 | 20.13 0.77 0.00 | 20.77 0.81 0.00 | 21.66 0.87 0.00 | 26.35 1.11 0.00 | 43.75 1.94 0.00 | 26.24 1.27 0.00 | 23.41 1.19 0.00 | 24.98 1.36 0.00 | 24.95 1.41 0.00 | 23.50 1.35 0.00 | 23.89 1.36 0.00 | 23.64 1.38 0.00 | 26.38 1.51 0.00 | 28.17 1.53 0.00 | 36.46 1.94 0.00 | 61.30 3.29 0.00 | 37.31 1.98 0.00 | 26.80 1.34 0.00 | 24.61 1.20 0.00 | 22.00 1.03 0.00 | 18.65 0.91 0.00 |
| ROTRDAM_115KV_TB3 80664 | 23.81 0.73 0.00 | 19.98 0.60 0.00 | 21.07 0.63 0.00 | 19.96 0.60 0.00 | 20.59 0.62 0.00 | 21.47 0.67 0.00 | 26.10 0.86 0.00 | 43.27 1.45 0.00 | 25.86 0.89 0.00 | 22.99 0.78 0.00 | 24.43 0.81 0.00 | 24.27 0.73 0.00 | 22.83 0.68 0.00 | 23.20 0.67 0.00 | 22.93 0.67 0.00 | 25.69 0.81 0.00 | 27.50 0.86 0.00 | 35.76 1.23 0.00 | 60.18 2.17 0.00 | 36.66 1.33 0.00 | 26.36 0.90 0.00 | 24.23 0.81 0.00 | 21.67 0.69 0.00 | 18.33 0.60 0.00 |
| RUSSELL___1 23602 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| RUSSELL___2 23532 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| RUSSELL___3 23549 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| RUSSELL___4 23556 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| RUSSELL___STATION 23914 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| S SALMON___HYD 24043 | 22.43 -0.65 0.00 | 18.85 -0.53 0.00 | 19.86 -0.57 0.00 | 18.81 -0.55 0.00 | 19.40 -0.56 0.00 | 20.23 -0.57 0.00 | 24.60 -0.60 0.04 | 40.81 -1.00 0.00 | 24.37 -0.60 0.00 | 21.61 -0.60 0.00 | 23.02 -0.60 0.00 | 22.78 -0.76 0.00 | 21.37 -0.78 0.00 | 21.75 -0.78 0.00 | 21.53 -0.73 0.00 | 24.07 -0.81 0.00 | 26.11 -0.53 0.00 | 33.90 -0.63 0.00 | 57.27 -0.73 0.00 | 37.94 -0.63 -3.24 | 27.90 -0.53 -2.97 | 26.10 -0.45 -3.14 | 23.52 -0.41 -2.96 | 16.89 -0.39 0.45 |
| S.PERRY__115KV_TB1 80734 | -4.50 -0.58 27.00 | -4.87 -0.49 23.76 | -4.09 -0.58 23.95 | 6.41 -0.58 12.37 | -1.97 -0.49 21.44 | 7.92 -0.40 12.47 | 7.00 -0.24 18.00 | 23.99 -0.22 17.59 | 16.23 -0.09 8.64 | 25.71 -0.49 -3.99 | 31.13 -0.82 -8.33 | 22.75 -0.80 -0.01 | 42.31 -0.62 -20.78 | 21.91 -0.62 0.00 | 21.77 -0.59 -0.09 | 25.45 -0.61 -1.19 | 26.28 -0.37 0.00 | 27.22 -0.25 7.05 | 53.19 -0.31 4.50 | 46.34 -0.17 -11.18 | 25.07 -0.45 -0.06 | 23.30 -0.11 0.00 | 20.88 -0.09 0.00 | 17.41 -0.32 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 3.47 -1.32 18.28 | 2.23 -1.07 16.09 | 3.02 -1.19 16.22 | 9.79 -1.19 8.38 | 4.28 -1.17 14.52 | 11.15 -1.19 8.45 | 11.75 -1.31 12.19 | 27.69 -2.20 11.91 | 17.63 -1.10 6.24 | 19.28 -1.07 1.87 | 17.72 -1.09 4.81 | 22.42 -1.12 0.00 | 15.04 -0.94 6.17 | 21.45 -1.08 0.00 | 21.12 -1.12 0.02 | 23.24 -1.28 0.35 | 25.13 -1.51 0.00 | 25.74 -2.18 6.60 | 28.55 -3.72 25.74 | 18.94 -1.91 14.48 | 23.81 -1.63 0.02 | 22.51 -0.90 0.00 | 20.30 -0.68 0.00 | 16.86 -0.87 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 3.47 -1.32 18.28 | 2.23 -1.07 16.09 | 3.02 -1.19 16.22 | 9.79 -1.19 8.38 | 4.28 -1.17 14.52 | 11.15 -1.19 8.45 | 11.75 -1.31 12.19 | 27.69 -2.20 11.91 | 17.63 -1.10 6.24 | 19.28 -1.07 1.87 | 17.72 -1.09 4.81 | 22.42 -1.12 0.00 | 15.04 -0.94 6.17 | 21.45 -1.08 0.00 | 21.12 -1.12 0.02 | 23.24 -1.28 0.35 | 25.13 -1.51 0.00 | 25.74 -2.18 6.60 | 28.55 -3.72 25.74 | 18.94 -1.91 14.48 | 23.81 -1.63 0.02 | 22.51 -0.90 0.00 | 20.30 -0.68 0.00 | 16.86 -0.87 0.00 |
| SELKIRK___I 23801 | 23.89 0.81 0.00 | 20.06 0.68 0.00 | 21.17 0.73 0.00 | 20.07 0.71 0.00 | 20.70 0.74 0.00 | 21.53 0.74 0.00 | 26.17 0.93 0.00 | 43.30 1.49 0.00 | 25.86 0.89 0.00 | 22.95 0.73 0.00 | 24.40 0.78 0.00 | 24.30 0.76 0.00 | 22.85 0.71 0.00 | 23.25 0.73 0.00 | 22.90 0.63 0.00 | 25.64 0.77 0.00 | 27.44 0.80 0.00 | 35.66 1.13 0.00 | 60.10 2.09 0.00 | 36.70 1.38 0.00 | 26.40 0.93 0.00 | 24.18 0.77 0.00 | 21.63 0.66 0.00 | 18.31 0.58 0.00 |
| SELKIRK___II 23799 | 23.73 0.65 0.00 | 19.92 0.54 0.00 | 21.01 0.58 0.00 | 19.92 0.56 0.00 | 20.55 0.58 0.00 | 21.39 0.60 0.00 | 25.99 0.75 0.00 | 43.05 1.24 0.00 | 25.75 0.78 0.00 | 22.92 0.70 0.00 | 24.42 0.80 0.00 | 24.33 0.78 0.00 | 22.87 0.72 0.00 | 23.26 0.73 0.00 | 22.93 0.66 0.00 | 25.63 0.75 0.00 | 27.37 0.73 0.00 | 35.50 0.97 0.00 | 59.82 1.81 0.00 | 36.53 1.20 0.00 | 26.26 0.80 0.00 | 24.05 0.64 0.00 | 21.51 0.53 0.00 | 18.22 0.49 0.00 |
| SENECA OSWGO___HYD 24041 | 22.44 -0.63 0.00 | 18.86 -0.52 0.00 | 19.87 -0.56 0.00 | 18.82 -0.54 0.00 | 19.42 -0.54 0.00 | 20.22 -0.57 0.00 | 24.53 -0.71 0.00 | 40.57 -1.25 0.00 | 24.28 -0.69 0.00 | 21.59 -0.63 0.00 | 22.90 -0.72 0.00 | 22.81 -0.74 0.00 | 21.50 -0.65 0.00 | 21.86 -0.67 0.00 | 21.60 -0.66 0.00 | 24.10 -0.77 0.00 | 25.87 -0.77 0.00 | 33.53 -1.00 0.00 | 56.39 -1.62 0.00 | 34.37 -0.96 0.00 | 24.86 -0.60 0.00 | 22.93 -0.48 0.00 | 20.56 -0.41 0.00 | 17.36 -0.37 0.00 |
| SENECA___115KV_TB3 355854 | 2.61 -1.08 19.39 | 1.46 -0.86 17.06 | 2.27 -0.97 17.20 | 9.50 -0.97 8.88 | 3.63 -0.94 15.39 | 10.89 -0.94 8.96 | 11.31 -1.00 12.93 | 27.54 -1.63 12.63 | 17.56 -0.79 6.62 | 19.45 -0.80 1.97 | 17.72 -0.82 5.08 | 22.70 -0.84 0.00 | 15.00 -0.66 6.49 | 21.76 -0.77 0.00 | 21.44 -0.80 0.03 | 23.58 -0.92 0.37 | 25.52 -1.12 0.00 | 25.91 -1.62 7.00 | 27.77 -2.70 27.53 | 18.62 -1.36 15.35 | 24.13 -1.31 0.02 | 22.79 -0.63 0.00 | 20.51 -0.46 0.00 | 17.04 -0.69 0.00 |
| SENECA___ENERGY 23797 | 9.58 -0.63 12.86 | 7.54 -0.52 11.32 | 8.45 -0.57 11.40 | 12.92 -0.54 5.89 | 9.21 -0.54 10.21 | 14.34 -0.51 5.94 | 16.14 -0.53 8.58 | 32.59 -0.84 8.38 | 20.25 -0.46 4.26 | 21.65 -0.51 0.06 | 22.44 -0.68 0.51 | 22.85 -0.69 0.00 | 22.78 -0.58 -1.22 | 21.94 -0.59 0.00 | 21.72 -0.55 0.00 | 24.37 -0.58 -0.07 | 26.10 -0.54 0.00 | 29.71 -0.66 4.15 | 44.58 -1.07 12.35 | 30.33 -0.66 4.34 | 24.90 -0.56 0.00 | 23.03 -0.39 0.00 | 20.62 -0.35 0.00 | 17.34 -0.38 0.00 |
| SHOEMAKER___GT 23640 | 24.36 1.29 0.00 | 20.44 1.06 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.06 1.10 0.00 | 21.99 1.19 0.00 | 26.80 1.56 0.00 | 44.57 2.76 0.00 | 26.69 1.73 0.00 | 23.71 1.50 0.00 | 25.20 1.58 0.00 | 25.15 1.60 0.00 | 23.67 1.52 0.00 | 24.08 1.55 0.00 | 23.87 1.60 0.00 | 26.71 1.84 0.00 | 28.64 2.00 0.00 | 37.15 2.63 0.00 | 62.54 4.53 0.00 | 38.04 2.71 0.00 | 27.29 1.82 0.00 | 25.05 1.64 0.00 | 22.37 1.40 0.00 | 18.92 1.19 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 24.35 1.27 0.00 | 20.42 1.04 0.00 | 21.51 1.08 0.00 | 20.38 1.02 0.00 | 21.04 | | | | | | | | | | | | | | | | | | | |

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|--------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| SITHE____BATAVIA 24024 | 7.05 -0.69 15.33 | 5.32 -0.57 13.49 | 6.17 -0.67 13.60 | 11.64 -0.69 7.03 | 7.15 -0.64 12.17 | 13.08 -0.63 7.08 | 14.50 -0.52 10.22 | 31.02 -0.80 9.99 | 19.06 -0.34 5.57 | 20.17 -0.52 1.53 | 19.07 -0.56 3.99 | 22.71 -0.83 0.00 | 16.76 -0.56 4.82 | 21.73 -0.80 0.00 | 21.46 -0.79 0.02 | 23.80 -0.80 0.27 | 25.69 -0.95 0.00 | 28.06 -1.10 5.37 | 36.58 -1.56 19.87 | 24.48 -0.66 10.18 | 24.70 -0.75 0.01 | 23.20 -0.21 0.00 | 20.85 -0.12 0.00 | 17.34 -0.39 0.00 |
| SITHE____INDEPEND 23800 | 22.22 -0.86 0.00 | 18.69 -0.69 0.00 | 19.70 -0.74 0.00 | 18.65 -0.70 0.00 | 19.24 -0.72 0.00 | 20.02 -0.77 0.00 | 24.26 -0.98 0.00 | 40.07 -1.75 0.00 | 23.99 -0.98 0.00 | 21.35 -0.86 0.00 | 22.66 -0.96 0.00 | 22.57 -0.97 0.00 | 21.28 -0.86 0.00 | 21.64 -0.89 0.00 | 21.40 -0.87 0.00 | 23.84 -1.03 0.00 | 25.55 -1.09 0.00 | 33.09 -1.44 0.00 | 55.63 -2.37 0.00 | 33.91 -1.42 0.00 | 24.52 -0.94 0.00 | 22.61 -0.80 0.00 | 20.31 -0.67 0.00 | 17.16 -0.56 0.00 |
| SITHE____MASSENA 23902 | 23.18 0.10 0.00 | 19.46 0.08 0.00 | 20.50 0.06 0.00 | 19.41 0.05 0.00 | 20.00 0.04 0.00 | 20.86 0.07 0.00 | 23.89 0.06 1.42 | 42.00 0.19 0.00 | 25.00 0.03 0.00 | 22.24 0.03 0.00 | 23.65 0.03 0.00 | 23.57 0.03 0.00 | 22.10 -0.05 0.00 | 22.50 -0.03 0.00 | 22.23 -0.04 0.00 | 24.88 0.01 0.00 | 26.73 0.08 0.00 | 34.62 0.09 0.00 | 58.00 -0.01 0.00 | 32.38 -0.06 2.89 | 22.82 0.02 2.65 | 20.57 -0.04 2.80 | 18.29 -0.04 2.65 | -15.49 -0.08 33.14 |
| SITHE____OGDNSBRG 24021 | 24.58 1.51 0.00 | 20.56 1.17 0.00 | 21.63 1.20 0.00 | 20.52 1.16 0.00 | 21.26 1.30 0.00 | 22.42 1.62 0.00 | 27.22 2.55 0.57 | 46.39 4.58 0.00 | 27.42 2.45 0.00 | 23.82 1.60 0.00 | 24.84 1.23 0.00 | 24.27 0.72 0.00 | 22.44 0.29 0.00 | 22.88 0.35 0.00 | 22.80 0.53 0.00 | 25.81 0.94 0.00 | 28.87 2.23 0.00 | 38.31 3.78 0.00 | 65.31 7.31 0.00 | 69.40 3.76 -30.31 | 55.59 2.28 -27.85 | 54.61 1.81 -29.38 | 50.08 1.34 -27.76 | 10.81 0.93 7.84 |
| SITHE____STERLING 23777 | 23.45 0.37 0.00 | 19.68 0.30 0.00 | 20.77 0.33 0.00 | 19.66 0.30 0.00 | 20.31 0.35 0.00 | 21.24 0.45 0.00 | 25.89 0.65 0.00 | 43.02 1.21 0.00 | 25.64 0.68 0.00 | 22.66 0.44 0.00 | 24.03 0.41 0.00 | 23.88 0.33 0.00 | 22.47 0.32 0.00 | 22.87 0.34 0.00 | 22.62 0.35 0.00 | 25.28 0.41 0.00 | 27.28 0.63 0.00 | 35.54 1.01 0.00 | 59.98 1.98 0.00 | 38.14 1.08 -1.73 | 27.63 0.59 -1.59 | 25.61 0.53 -1.67 | 22.98 0.42 -1.58 | 18.33 0.31 -0.30 |
| SLEIGHT__34_KV_TB1 80719 | 11.44 -0.83 10.80 | 9.19 -0.69 9.51 | 10.09 -0.76 9.58 | 13.67 -0.74 4.95 | 10.66 -0.73 8.58 | 15.10 -0.70 4.99 | 17.29 -0.75 7.20 | 33.52 -1.25 7.04 | 20.73 -0.65 3.59 | 21.27 -0.67 0.28 | 21.89 -0.78 0.95 | 22.77 -0.77 0.00 | 21.44 -0.70 0.00 | 21.80 -0.73 0.00 | 21.54 -0.72 0.00 | 24.10 -0.77 0.00 | 25.84 -0.80 0.00 | 29.83 -1.11 3.58 | 44.55 -1.87 11.58 | 29.54 -1.02 4.77 | 24.71 -0.75 0.00 | 22.91 -0.51 0.00 | 20.54 -0.43 0.00 | 17.22 -0.51 0.00 |
| SOUTH CAIRO__GT 23612 | 24.51 1.43 0.00 | 20.53 1.15 0.00 | 21.66 1.22 0.00 | 20.54 1.18 0.00 | 21.19 1.23 0.00 | 22.12 1.33 0.00 | 27.01 1.76 0.00 | 44.80 2.99 0.00 | 26.73 1.76 0.00 | 23.57 1.35 0.00 | 24.87 1.25 0.00 | 24.59 1.05 0.00 | 23.06 0.91 0.00 | 23.46 0.93 0.00 | 23.11 0.84 0.00 | 25.98 1.10 0.00 | 27.92 1.28 0.00 | 36.56 2.03 0.00 | 62.12 4.12 0.00 | 37.96 2.63 0.00 | 27.23 1.77 0.00 | 24.87 1.45 0.00 | 22.18 1.21 0.00 | 18.70 0.97 0.00 |
| SOUTH HAMPTN__IC 23720 | 24.16 1.08 0.00 | 20.29 0.91 0.00 | 21.29 0.85 0.00 | 20.23 0.88 0.00 | 20.97 1.01 0.00 | 22.22 1.43 0.00 | 27.19 1.95 0.00 | 44.64 2.84 0.00 | 26.89 1.93 0.00 | 24.06 1.84 0.00 | 25.81 2.19 0.00 | 25.69 2.14 0.00 | 24.09 1.95 0.00 | 24.26 1.73 0.00 | 23.60 1.33 0.00 | 13.48 1.43 12.83 | 25.91 1.71 2.45 | 36.92 2.40 0.00 | 60.64 3.79 1.16 | 37.55 2.22 0.00 | 27.13 1.67 0.00 | 24.85 1.44 0.00 | 22.39 1.42 0.00 | 18.91 1.18 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 0.07 -0.81 22.20 | -0.79 -0.64 19.53 | 0.01 -0.74 19.68 | 8.48 -0.71 10.17 | 1.74 -0.61 17.62 | 10.00 -0.54 10.26 | 9.96 -0.49 14.80 | 26.74 -0.61 14.46 | 17.28 -0.19 7.50 | 20.64 -0.20 1.38 | 19.69 -0.12 3.81 | 23.39 -0.15 0.00 | 18.64 0.05 3.56 | 22.49 -0.04 0.00 | 22.20 -0.05 0.02 | 24.56 -0.11 0.20 | 26.29 -0.35 0.00 | 26.35 -0.51 7.67 | 29.88 -0.86 27.26 | 21.53 -0.38 13.42 | 24.59 -0.86 0.01 | 23.22 -0.20 0.00 | 20.83 -0.14 0.00 | 17.30 -0.43 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 23.82 0.74 0.00 | 20.01 0.62 0.00 | 21.00 0.56 0.00 | 20.01 0.65 0.00 | 20.83 0.87 0.00 | 22.28 1.49 0.00 | 27.43 2.19 0.00 | 45.01 3.20 0.00 | 27.15 2.18 0.00 | 24.18 1.96 0.00 | 25.90 2.28 0.00 | 25.82 2.28 0.00 | 24.15 2.01 0.00 | 24.25 1.73 0.00 | 23.54 1.27 0.00 | 13.35 1.30 12.82 | 25.90 1.70 2.45 | 36.84 2.31 0.00 | 60.40 3.55 1.16 | 37.36 2.02 0.00 | 26.97 1.51 0.00 | 24.60 1.19 0.00 | 22.12 1.15 0.00 | 18.69 0.96 0.00 |
| SOUTHOLD__IC 23719 | 23.82 0.74 0.00 | 20.01 0.63 0.00 | 21.00 0.56 0.00 | 20.01 0.65 0.00 | 20.83 0.87 0.00 | 22.29 1.49 0.00 | 27.43 2.19 0.00 | 45.01 3.20 0.00 | 27.15 2.18 0.00 | 24.17 1.96 0.00 | 25.90 2.28 0.00 | 25.82 2.28 0.00 | 24.15 2.00 0.00 | 24.25 1.72 0.00 | 23.54 1.27 0.00 | 13.35 1.30 12.82 | 25.90 1.70 2.45 | 36.84 2.31 0.00 | 60.40 3.55 1.16 | 37.37 2.04 0.00 | 26.97 1.51 0.00 | 24.61 1.19 0.00 | 22.14 1.16 0.00 | 18.69 0.96 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 23.41 0.33 0.00 | 19.67 0.28 0.00 | 20.65 0.22 0.00 | 19.72 0.36 0.00 | 20.59 0.62 0.00 | 22.17 1.37 0.00 | 27.40 2.15 0.00 | 44.91 3.09 0.00 | 27.12 2.15 0.00 | 24.07 1.86 0.00 | 25.80 2.18 0.00 | 25.75 2.20 0.00 | 24.03 1.88 0.00 | 24.09 1.56 0.00 | 23.32 1.06 0.00 | 13.06 1.01 12.83 | 25.65 1.46 2.45 | 36.45 1.93 0.00 | 59.63 2.78 1.16 | 36.87 1.54 0.00 | 26.62 1.15 0.00 | 24.21 0.79 0.00 | 21.78 0.80 0.00 | 18.39 0.66 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 24.22 1.14 0.00 | 20.22 0.84 0.00 | 21.35 0.92 0.00 | 20.24 0.89 0.00 | 20.90 0.94 0.00 | 21.89 1.10 0.00 | 26.73 1.48 0.00 | 44.36 2.55 0.00 | 26.48 1.51 0.00 | 23.49 1.27 0.00 | 24.96 1.34 0.00 | 24.74 1.19 0.00 | 23.19 1.04 0.00 | 23.51 0.99 0.00 | 23.19 0.92 0.00 | 25.99 1.12 0.00 | 27.84 1.20 0.00 | 36.35 1.82 0.00 | 61.16 3.16 0.00 | 37.28 1.95 0.00 | 26.76 1.29 0.00 | 24.58 1.16 0.00 | 22.02 1.05 0.00 | 18.58 0.85 0.00 |
| ST LAWRENCE____ 23600 | 22.96 -0.12 0.00 | 19.28 -0.10 0.00 | 20.30 -0.13 0.00 | 19.23 -0.13 0.00 | 19.81 -0.15 0.00 | 20.67 -0.13 0.00 | 23.65 -0.18 1.42 | 41.59 -0.22 0.00 | 24.74 -0.22 0.00 | 22.01 -0.20 0.00 | 23.40 -0.22 0.00 | 23.33 -0.21 0.00 | 21.88 -0.27 0.00 | 22.26 -0.26 0.00 | 22.01 -0.26 0.00 | 24.62 -0.25 0.00 | 26.46 -0.18 0.00 | 34.25 -0.27 0.00 | 57.41 -0.59 0.00 | 32.02 -0.42 2.89 | 22.57 -0.24 2.65 | 20.34 -0.28 2.80 | 18.08 -0.25 2.65 | -15.66 -0.24 33.14 |
| STATE_CA_115KV_115_LB 55624 | 23.86 0.78 0.00 | 20.02 0.64 0.00 | 21.12 0.69 0.00 | 20.03 0.68 0.00 | 20.65 0.69 0.00 | 21.52 0.73 0.00 | 26.18 0.94 0.00 | 43.36 1.55 0.00 | 25.93 0.96 0.00 | 23.10 0.88 0.00 | 24.63 1.01 0.00 | 24.53 0.98 0.00 | 23.06 0.91 0.00 | 23.44 0.92 0.00 | 23.07 0.80 0.00 | 25.78 0.91 0.00 | 27.51 0.87 0.00 | 35.69 1.16 0.00 | 60.20 2.19 0.00 | 36.79 1.45 0.00 | 26.44 0.98 0.00 | 24.16 0.74 0.00 | 21.59 0.62 0.00 | 18.27 0.54 0.00 |

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|--|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|--------------------------|
| STATE_ST_34_KV_LOAD 55959 | 14.89 -0.35 7.83 | 12.21 -0.29 6.89 | 13.16 -0.32 6.94 | 15.47 -0.29 3.59 | 13.45 -0.29 6.22 | 16.90 -0.28 3.62 | 19.72 -0.30 5.22 | 35.97 -0.74 5.10 | 21.95 -0.41 2.61 | 21.57 -0.45 0.20 | 22.37 -0.56 0.69 | 22.97 -0.58 0.00 | 21.65 -0.50 0.00 | 22.02 -0.51 0.00 | 21.77 -0.49 0.00 | 24.32 -0.55 0.00 | 26.14 -0.50 0.00 | 31.31 -0.62 2.60 | 48.64 -0.99 8.38 | 31.31 -0.57 3.46 | 25.14 -0.32 0.00 | 23.22 -0.20 0.00 | 20.81 -0.16 0.00 | 17.53 -0.19 0.00 |
| STATION_5_MISC_HYD 23604 | 9.69 -0.87 12.51 | 7.66 -0.72 11.01 | 8.53 -0.81 11.10 | 12.83 -0.79 5.73 | 9.24 -0.79 9.93 | 14.25 -0.77 5.78 | 16.09 -0.81 8.34 | 32.34 -1.32 8.15 | 20.17 -0.65 4.15 | 21.24 -0.66 0.32 | 21.79 -0.74 1.10 | 22.83 -0.72 0.00 | 21.51 -0.64 0.00 | 21.84 -0.69 0.00 | 21.57 -0.70 0.00 | 24.12 -0.75 0.00 | 25.80 -0.84 0.00 | 29.13 -1.25 4.15 | 42.49 -2.11 13.41 | 28.70 -1.10 5.53 | 24.62 -0.84 0.00 | 22.96 -0.45 0.00 | 20.62 -0.35 0.00 | 17.25 -0.48 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 8.99 -0.60 13.48 | 7.03 -0.49 11.86 | 7.92 -0.55 11.96 | 12.64 -0.54 6.18 | 8.73 -0.53 10.70 | 14.09 -0.48 6.23 | 15.78 -0.47 8.99 | 32.32 -0.70 8.78 | 20.16 -0.32 4.49 | 21.47 -0.40 0.35 | 21.94 -0.50 1.19 | 23.05 -0.50 0.00 | 21.71 -0.44 0.00 | 22.08 -0.45 0.00 | 21.84 -0.43 0.00 | 24.43 -0.44 0.00 | 26.19 -0.45 0.00 | 29.40 -0.65 4.47 | 42.49 -1.09 14.43 | 28.81 -0.57 5.95 | 24.99 -0.47 0.00 | 23.18 -0.24 0.00 | 20.78 -0.19 0.00 | 17.41 -0.32 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 9.59 -0.96 12.52 | 7.58 -0.79 11.02 | 8.45 -0.88 11.11 | 12.76 -0.86 5.74 | 9.17 -0.86 9.94 | 14.17 -0.84 5.79 | 15.98 -0.91 8.35 | 32.18 -1.47 8.16 | 20.08 -0.73 4.16 | 21.16 -0.74 0.32 | 21.70 -0.82 1.10 | 22.75 -0.80 0.00 | 21.42 -0.73 0.00 | 21.76 -0.76 0.00 | 21.51 -0.76 0.00 | 24.04 -0.84 0.00 | 25.72 -0.92 0.00 | 29.03 -1.34 4.15 | 42.30 -2.29 13.41 | 28.59 -1.21 5.53 | 24.55 -0.91 0.00 | 22.87 -0.55 0.00 | 20.53 -0.44 0.00 | 17.18 -0.55 0.00 |
| STA_56___34_KV_BUS2 355983 | 9.59 -0.96 12.52 | 7.58 -0.79 11.02 | 8.45 -0.88 11.11 | 12.76 -0.86 5.74 | 9.17 -0.86 9.94 | 14.17 -0.84 5.79 | 15.98 -0.91 8.35 | 32.18 -1.47 8.16 | 20.08 -0.73 4.16 | 21.16 -0.74 0.32 | 21.70 -0.82 1.10 | 22.75 -0.80 0.00 | 21.42 -0.73 0.00 | 21.76 -0.76 0.00 | 21.51 -0.76 0.00 | 24.04 -0.84 0.00 | 25.72 -0.92 0.00 | 29.03 -1.34 4.15 | 42.30 -2.29 13.41 | 28.59 -1.21 5.53 | 24.55 -0.91 0.00 | 22.87 -0.55 0.00 | 20.53 -0.44 0.00 | 17.18 -0.55 0.00 |
| STA_67___115KV_BK2 355882 | 9.67 -0.92 12.48 | 7.66 -0.74 10.98 | 8.53 -0.84 11.07 | 12.81 -0.83 5.72 | 9.23 -0.82 9.91 | 14.23 -0.80 5.77 | 16.05 -0.87 8.32 | 32.26 -1.42 8.13 | 20.13 -0.69 4.14 | 21.19 -0.71 0.32 | 21.74 -0.78 1.10 | 22.78 -0.76 0.00 | 21.45 -0.70 0.00 | 21.80 -0.73 0.00 | 21.53 -0.74 0.00 | 24.06 -0.82 0.00 | 25.73 -0.91 0.00 | 29.05 -1.33 4.14 | 42.36 -2.27 13.38 | 28.64 -1.18 5.52 | 24.57 -0.89 0.00 | 22.91 -0.50 0.00 | 20.58 -0.39 0.00 | 17.21 -0.52 0.00 |
| STA_7___115KV_9TRANS 80674 | 9.78 -0.78 12.51 | 7.74 -0.64 11.01 | 8.61 -0.73 11.10 | 12.91 -0.72 5.73 | 9.32 -0.71 9.93 | 14.34 -0.68 5.78 | 16.20 -0.70 8.34 | 32.53 -1.13 8.15 | 20.29 -0.52 4.15 | 21.33 -0.56 0.32 | 21.89 -0.64 1.10 | 22.93 -0.61 0.00 | 21.60 -0.55 0.00 | 21.95 -0.58 0.00 | 21.68 -0.59 0.00 | 24.24 -0.64 0.00 | 25.93 -0.71 0.00 | 29.31 -1.06 4.15 | 42.80 -1.79 13.41 | 28.91 -0.90 5.53 | 24.76 -0.70 0.00 | 23.08 -0.34 0.00 | 20.73 -0.24 0.00 | 17.32 -0.41 0.00 |
| STA_82___115KV_TB1 80780 | 9.52 -0.91 12.64 | 7.52 -0.74 11.12 | 8.39 -0.84 11.21 | 12.75 -0.82 5.79 | 9.12 -0.81 10.04 | 14.16 -0.80 5.84 | 15.95 -0.86 8.43 | 32.18 -1.39 8.24 | 20.10 -0.68 4.19 | 21.20 -0.70 0.32 | 21.73 -0.78 1.11 | 22.78 -0.76 0.00 | 21.45 -0.69 0.00 | 21.80 -0.73 0.00 | 21.53 -0.74 0.00 | 24.07 -0.81 0.00 | 25.75 -0.89 0.00 | 29.01 -1.32 4.19 | 42.23 -2.24 13.53 | 28.58 -1.17 5.58 | 24.58 -0.88 0.00 | 22.92 -0.49 0.00 | 20.59 -0.38 0.00 | 17.21 -0.52 0.00 |
| STEEL___WIND 323596 | 2.56 -1.12 19.39 | 1.39 -0.93 17.06 | 2.23 -1.01 17.20 | 9.47 -1.01 8.88 | 3.58 -0.99 15.39 | 10.85 -0.99 8.96 | 11.26 -1.05 12.93 | 27.45 -1.72 12.63 | 17.49 -0.87 6.62 | 19.40 -0.85 1.97 | 17.67 -0.88 5.08 | 22.65 -0.89 0.00 | 14.96 -0.70 6.49 | 21.71 -0.82 0.00 | 21.39 -0.86 0.03 | 23.54 -0.97 0.37 | 25.47 -1.17 0.00 | 25.84 -1.69 7.00 | 27.66 -2.82 27.53 | 18.55 -1.44 15.35 | 24.07 -1.37 0.02 | 22.73 -0.68 0.00 | 20.47 -0.50 0.00 | 17.01 -0.72 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 23.93 0.86 0.00 | 20.11 0.72 0.00 | 21.18 0.74 0.00 | 20.11 0.75 0.00 | 20.70 0.74 0.00 | 21.60 0.81 0.00 | 26.24 0.99 0.00 | 43.61 1.80 0.00 | 26.03 1.06 0.00 | 23.17 0.95 0.00 | 24.66 1.04 0.00 | 24.59 1.04 0.00 | 23.07 0.93 0.00 | 23.49 0.96 0.00 | 23.11 0.84 0.00 | 25.86 0.99 0.00 | 27.63 0.99 0.00 | 35.89 1.37 0.00 | 60.69 2.69 0.00 | 37.01 1.67 0.00 | 26.59 1.13 0.00 | 24.27 0.86 0.00 | 21.68 0.71 0.00 | 18.34 0.61 0.00 |
| STEUBEN_REC_LFGE 323667 | -37.88 -1.35 59.60 | -34.22 -1.16 52.44 | -33.67 -1.25 52.86 | -9.26 -1.31 27.31 | -28.48 -1.12 47.32 | -7.81 -1.07 27.54 | -15.49 -1.00 39.74 | 1.30 -1.67 38.84 | 4.32 -1.00 19.65 | 22.65 -1.11 -1.54 | 24.00 -1.38 -1.76 | 22.07 -1.48 -0.01 | 34.66 -1.13 -13.64 | 21.42 -1.11 0.00 | 21.27 -1.06 -0.06 | 24.59 -1.06 -0.78 | 25.73 -0.91 0.00 | 15.04 -0.96 18.52 | 8.18 -2.16 47.66 | 22.70 -1.55 11.08 | 23.64 -1.86 -0.04 | 22.03 -1.39 0.00 | 19.78 -1.19 0.00 | 16.60 -1.13 0.00 |
| STILLWATER___SOLAR 323814 | 24.29 1.22 0.00 | 20.33 0.95 0.00 | 21.45 1.02 0.00 | 20.33 0.97 0.00 | 20.98 1.02 0.00 | 21.93 1.14 0.00 | 26.72 1.48 0.00 | 44.30 2.49 0.00 | 26.46 1.49 0.00 | 23.48 1.26 0.00 | 24.96 1.34 0.00 | 24.78 1.24 0.00 | 23.26 1.12 0.00 | 23.62 1.09 0.00 | 23.33 1.06 0.00 | 26.16 1.29 0.00 | 28.00 1.36 0.00 | 36.46 1.94 0.00 | 61.36 3.36 0.00 | 37.41 2.07 0.00 | 26.89 1.43 0.00 | 24.70 1.29 0.00 | 22.10 1.13 0.00 | 18.66 0.93 0.00 |
| STONY___BROOK 24151 | 24.28 1.21 0.00 | 20.40 1.02 0.00 | 21.39 0.95 0.00 | 20.29 0.94 0.00 | 20.96 1.00 0.00 | 22.03 1.24 0.00 | 26.84 1.60 0.00 | 44.16 2.35 0.00 | 26.58 1.61 0.00 | 23.86 1.65 0.00 | 25.65 2.03 0.00 | 25.51 1.97 0.00 | 23.97 1.82 0.00 | 24.19 1.66 0.00 | 23.65 1.38 0.00 | 13.54 1.44 12.77 | 25.81 1.61 2.44 | 36.81 2.29 0.00 | 60.49 3.65 1.15 | 37.49 2.16 0.00 | 27.09 1.64 0.00 | 24.90 1.49 0.00 | 22.43 1.46 0.00 | 18.96 1.23 0.00 |
| STURGEON_POOL_HYD 23609 | 24.05 0.98 0.00 | 20.19 0.81 0.00 | 21.27 0.83 0.00 | 20.14 0.79 0.00 | 20.78 0.82 0.00 | 21.66 0.87 0.00 | 26.35 1.11 0.00 | 43.79 1.97 0.00 | 26.28 1.31 0.00 | 23.46 1.24 0.00 | 25.02 1.40 0.00 | 25.00 1.45 0.00 | 23.55 1.40 0.00 | 23.95 1.42 0.00 | 23.76 1.49 0.00 | 26.54 1.67 0.00 | 28.34 1.70 0.00 | 36.67 2.15 0.00 | 61.57 3.57 0.00 | 37.44 2.11 0.00 | 26.87 1.41 0.00 | 24.69 1.28 0.00 | 22.06 1.09 0.00 | 18.70 0.97 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 22.96 -0.12 0.00 | 19.27 -0.11 0.00 | 20.30 -0.13 0.00 | 19.23 -0.13 0.00 | 19.81 -0.15 0.00 | 20.67 -0.13 0.00 | 23.65 -0.18 1.42 | 41.59 -0.22 0.00 | 24.74 -0.23 0.00 | 22.01 -0.21 0.00 | 23.40 -0.22 0.00 | 23.33 -0.21 0.00 | 21.87 -0.27 0.00 | 22.26 -0.27 0.00 | 22.00 -0.27 0.00 | 24.62 -0.26 0.00 | 26.45 -0.19 0.00 | 34.25 -0.27 0.00 | 57.41 -0.59 0.00 | 32.02 -0.43 2.89 | 22.57 -0.24 2.65 | 20.34 -0.28 2.80 | 18.08 -0.25 2.65 | -15.66 -0.24 33.14 |

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| ST_LAW_115_BK8_LBMP 345038 | 22.96 -0.12 0.00 | 19.27 -0.11 0.00 | 20.30 -0.13 0.00 | 19.23 -0.13 0.00 | 19.81 -0.15 0.00 | 20.67 -0.13 0.00 | 23.65 -0.18 1.42 | 41.59 -0.22 0.00 | 24.74 -0.23 0.00 | 22.01 -0.21 0.00 | 23.40 -0.22 0.00 | 23.33 -0.21 0.00 | 21.87 -0.27 0.00 | 22.26 -0.27 0.00 | 22.00 -0.27 0.00 | 24.62 -0.26 0.00 | 26.45 -0.19 0.00 | 34.25 -0.27 0.00 | 57.41 -0.59 0.00 | 32.02 -0.43 2.89 | 22.57 -0.24 2.65 | 20.34 -0.28 2.80 | 18.08 -0.25 2.65 | -15.66 -0.24 33.14 |
| ST_LAW_230_BK5_LBMP 345035 | 22.96 -0.12 0.00 | 19.28 -0.10 0.00 | 20.30 -0.13 0.00 | 19.23 -0.13 0.00 | 19.81 -0.15 0.00 | 20.67 -0.13 0.00 | 23.65 -0.18 1.42 | 41.59 -0.22 0.00 | 24.74 -0.22 0.00 | 22.01 -0.20 0.00 | 23.40 -0.22 0.00 | 23.33 -0.21 0.00 | 21.88 -0.27 0.00 | 22.26 -0.26 0.00 | 22.01 -0.26 0.00 | 24.62 -0.25 0.00 | 26.46 -0.18 0.00 | 34.25 -0.27 0.00 | 57.41 -0.59 0.00 | 32.02 -0.42 2.89 | 22.57 -0.24 2.65 | 20.34 -0.28 2.80 | 18.08 -0.25 2.65 | -15.66 -0.24 33.14 |
| ST_LAW_230_BK6_LBMP 345036 | 22.96 -0.12 0.00 | 19.28 -0.10 0.00 | 20.30 -0.13 0.00 | 19.23 -0.13 0.00 | 19.81 -0.15 0.00 | 20.67 -0.13 0.00 | 23.65 -0.18 1.42 | 41.59 -0.22 0.00 | 24.74 -0.22 0.00 | 22.01 -0.20 0.00 | 23.40 -0.22 0.00 | 23.33 -0.21 0.00 | 21.88 -0.27 0.00 | 22.26 -0.26 0.00 | 22.01 -0.26 0.00 | 24.62 -0.25 0.00 | 26.46 -0.18 0.00 | 34.25 -0.27 0.00 | 57.41 -0.59 0.00 | 32.02 -0.42 2.89 | 22.57 -0.24 2.65 | 20.34 -0.28 2.80 | 18.08 -0.25 2.65 | -15.66 -0.24 33.14 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 24.15 1.07 0.00 | 20.27 0.88 0.00 | 21.35 0.92 0.00 | 20.23 0.87 0.00 | 20.88 0.92 0.00 | 21.79 1.00 0.00 | 26.53 1.29 0.00 | 44.09 2.28 0.00 | 26.43 1.46 0.00 | 23.54 1.33 0.00 | 25.09 1.47 0.00 | 25.06 1.52 0.00 | 23.60 1.46 0.00 | 24.01 1.49 0.00 | 23.79 1.52 0.00 | 26.55 1.67 0.00 | 28.38 1.74 0.00 | 36.75 2.22 0.00 | 61.79 3.78 0.00 | 37.60 2.27 0.00 | 26.98 1.52 0.00 | 24.78 1.36 0.00 | 22.13 1.16 0.00 | 18.75 1.02 0.00 |
| SWANROAD_115KV_TB1 355699 | 4.32 -1.54 17.22 | 3.00 -1.24 15.15 | 3.78 -1.39 15.27 | 10.07 -1.40 7.89 | 4.94 -1.36 13.67 | 11.36 -1.48 7.95 | 12.20 -1.56 11.48 | 27.79 -2.80 11.22 | 17.64 -1.45 5.89 | 19.19 -1.43 1.60 | 18.00 -1.44 4.18 | 21.90 -1.64 0.00 | 15.81 -1.23 5.10 | 20.93 -1.59 0.00 | 20.64 -1.61 0.02 | 22.76 -1.83 0.29 | 24.51 -2.13 0.00 | 25.54 -2.85 6.14 | 29.87 -4.63 23.50 | 20.22 -2.41 12.70 | 23.32 -2.13 0.01 | 22.07 -1.35 0.00 | 19.93 -1.04 0.00 | 16.54 -1.19 0.00 |
| SYNERGY___BIOGAS 323694 | 7.05 -0.69 15.33 | 5.32 -0.57 13.49 | 6.17 -0.67 13.60 | 11.64 -0.69 7.03 | 7.15 -0.64 12.17 | 13.08 -0.63 7.08 | 14.50 -0.52 10.22 | 31.02 -0.80 9.99 | 19.06 -0.34 5.57 | 20.17 -0.52 1.53 | 19.07 -0.56 3.99 | 22.71 -0.83 0.00 | 16.76 -0.56 4.82 | 21.73 -0.80 0.00 | 21.46 -0.79 0.02 | 23.80 -0.80 0.27 | 25.69 -0.95 0.00 | 28.06 -1.10 5.37 | 36.58 -1.56 19.87 | 24.48 -0.66 10.18 | 24.70 -0.75 0.01 | 23.20 -0.21 0.00 | 20.85 -0.12 0.00 | 17.34 -0.39 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 22.66 -0.42 0.00 | 19.04 -0.34 0.00 | 20.06 -0.38 0.00 | 19.01 -0.35 0.00 | 19.61 -0.35 0.00 | 20.43 -0.36 0.00 | 24.80 -0.44 0.00 | 40.99 -0.81 0.00 | 24.53 -0.44 0.00 | 21.78 -0.43 0.00 | 23.11 -0.51 0.00 | 23.02 -0.52 0.00 | 21.70 -0.45 0.00 | 22.07 -0.46 0.00 | 21.82 -0.45 0.00 | 24.36 -0.52 0.00 | 26.15 -0.49 0.00 | 33.90 -0.63 0.00 | 56.99 -1.01 0.00 | 34.75 -0.58 0.00 | 25.13 -0.33 0.00 | 23.18 -0.23 0.00 | 20.78 -0.19 0.00 | 17.53 -0.19 0.00 |
| SYRACUSE___POWER 24017 | 22.71 -0.37 0.00 | 19.08 -0.30 0.00 | 20.10 -0.33 0.00 | 19.04 -0.31 0.00 | 19.64 -0.32 0.00 | 20.48 -0.31 0.00 | 24.88 -0.37 0.00 | 41.18 -0.63 0.00 | 24.64 -0.33 0.00 | 21.88 -0.33 0.00 | 23.20 -0.41 0.00 | 23.12 -0.42 0.00 | 21.81 -0.34 0.00 | 22.18 -0.35 0.00 | 21.93 -0.34 0.00 | 24.46 -0.41 0.00 | 26.26 -0.39 0.00 | 34.08 -0.44 0.00 | 57.29 -0.72 0.00 | 34.92 -0.41 0.00 | 25.17 -0.29 0.00 | 23.23 -0.19 0.00 | 20.81 -0.16 0.00 | 17.55 -0.17 0.00 |
| TALLMAN___138KV_BK151 55660 | 24.12 1.05 0.00 | 20.25 0.87 0.00 | 21.34 0.91 0.00 | 20.22 0.86 0.00 | 20.87 0.91 0.00 | 21.78 0.99 0.00 | 26.51 1.27 0.00 | 44.05 2.24 0.00 | 26.41 1.45 0.00 | 23.57 1.35 0.00 | 25.15 1.53 0.00 | 25.16 1.61 0.00 | 23.69 1.55 0.00 | 24.10 1.58 0.00 | 23.87 1.60 0.00 | 26.60 1.73 0.00 | 28.40 1.75 0.00 | 36.73 2.21 0.00 | 61.77 3.77 0.00 | 37.58 2.25 0.00 | 26.97 1.51 0.00 | 24.78 1.36 0.00 | 22.14 1.17 0.00 | 18.76 1.03 0.00 |
| TEALLAVE_115KV_TB7 355573 | 22.56 -0.52 0.00 | 18.96 -0.42 0.00 | 19.97 -0.46 0.00 | 18.92 -0.44 0.00 | 19.52 -0.44 0.00 | 20.34 -0.45 0.00 | 24.70 -0.55 0.00 | 40.86 -0.95 0.00 | 24.47 -0.50 0.00 | 21.74 -0.48 0.00 | 23.06 -0.56 0.00 | 22.98 -0.57 0.00 | 21.66 -0.49 0.00 | 22.03 -0.50 0.00 | 21.78 -0.49 0.00 | 24.29 -0.58 0.00 | 26.07 -0.57 0.00 | 33.80 -0.73 0.00 | 56.80 -1.20 0.00 | 34.64 -0.69 0.00 | 25.04 -0.42 0.00 | 23.09 -0.32 0.00 | 20.71 -0.26 0.00 | 17.47 -0.25 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 5.84 -1.09 16.15 | 4.31 -0.87 14.20 | 5.12 -0.99 14.32 | 10.95 -1.01 7.40 | 6.18 -0.97 12.82 | 12.32 -1.01 7.46 | 13.47 -1.00 10.77 | 29.56 -1.73 10.52 | 18.59 -0.82 5.56 | 19.90 -0.90 1.42 | 18.95 -0.93 3.74 | 22.46 -1.08 0.00 | 16.93 -0.82 4.40 | 21.46 -1.06 0.00 | 21.17 -1.08 0.02 | 23.43 -1.19 0.25 | 25.26 -1.39 0.00 | 26.94 -1.88 5.71 | 33.42 -3.01 21.57 | 22.48 -1.48 11.37 | 24.08 -1.37 0.01 | 22.69 -0.72 0.00 | 20.44 -0.53 0.00 | 16.97 -0.75 0.00 |
| TEMPLE___115KV_TB 2 55572 | 22.56 -0.51 0.00 | 18.97 -0.42 0.00 | 19.98 -0.45 0.00 | 18.92 -0.43 0.00 | 19.53 -0.44 0.00 | 20.34 -0.45 0.00 | 24.70 -0.54 0.00 | 40.86 -0.95 0.00 | 24.47 -0.50 0.00 | 21.74 -0.48 0.00 | 23.07 -0.56 0.00 | 22.99 -0.56 0.00 | 21.67 -0.48 0.00 | 22.04 -0.49 0.00 | 21.79 -0.48 0.00 | 24.31 -0.57 0.00 | 26.08 -0.56 0.00 | 33.82 -0.71 0.00 | 56.82 -1.19 0.00 | 34.64 -0.69 0.00 | 25.05 -0.41 0.00 | 23.11 -0.30 0.00 | 20.72 -0.25 0.00 | 17.48 -0.25 0.00 |
| TIANA____69_KV_BK 1 55817 | 24.23 1.16 0.00 | 20.36 0.97 0.00 | 21.35 0.91 0.00 | 20.28 0.93 0.00 | 21.00 1.04 0.00 | 22.20 1.41 0.00 | 27.14 1.89 0.00 | 44.57 2.76 0.00 | 26.84 1.86 0.00 | 24.04 1.82 0.00 | 25.77 2.15 0.00 | 25.65 2.11 0.00 | 24.08 1.93 0.00 | 24.25 1.72 0.00 | 23.61 1.35 0.00 | 13.51 1.45 12.82 | 25.92 1.72 2.45 | 36.96 2.44 0.00 | 60.73 3.88 1.16 | 37.61 2.28 0.00 | 27.18 1.72 0.00 | 24.92 1.51 0.00 | 22.45 1.47 0.00 | 18.97 1.24 0.00 |
| TILDEN___115KV_TB1 80814 | 22.71 -0.37 0.00 | 19.08 -0.30 0.00 | 20.10 -0.33 0.00 | 19.04 -0.31 0.00 | 19.64 -0.32 0.00 | 20.48 -0.31 0.00 | 24.88 -0.37 0.00 | 41.18 -0.63 0.00 | 24.64 -0.33 0.00 | 21.88 -0.33 0.00 | 23.20 -0.41 0.00 | 23.12 -0.42 0.00 | 21.81 -0.34 0.00 | 22.18 -0.35 0.00 | 21.93 -0.34 0.00 | 24.46 -0.41 0.00 | 26.26 -0.39 0.00 | 34.08 -0.44 0.00 | 57.29 -0.72 0.00 | 34.92 -0.41 0.00 | 25.17 -0.29 0.00 | 23.23 -0.19 0.00 | 20.81 -0.16 0.00 | 17.55 -0.17 0.00 |

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| TRIGEN___CC 323695 | 24.18 1.11 0.00 | 20.31 0.92 0.00 | 21.33 0.90 0.00 | 20.23 0.88 0.00 | 20.88 0.92 0.00 | 21.86 1.06 0.00 | 26.57 1.32 0.00 | 43.92 2.11 0.00 | 26.42 1.45 0.00 | 23.67 1.46 0.00 | 25.41 1.79 0.00 | 25.33 1.78 0.00 | 23.83 1.69 0.00 | 24.13 1.61 0.00 | 23.76 1.49 0.00 | 24.01 1.50 2.36 | 27.71 1.52 0.45 | 36.60 2.08 0.00 | 61.18 3.39 0.21 | 37.35 2.02 0.00 | 26.93 1.47 0.00 | 24.77 1.36 0.00 | 22.24 1.26 0.00 | 18.82 1.09 0.00 |
| TRINITY___115KV___4 BK 55933 | 23.79 0.71 0.00 | 19.97 0.58 0.00 | 21.06 0.63 0.00 | 19.97 0.62 0.00 | 20.59 0.63 0.00 | 21.46 0.67 0.00 | 26.09 0.85 0.00 | 43.21 1.40 0.00 | 25.84 0.87 0.00 | 23.02 0.80 0.00 | 24.54 0.93 0.00 | 24.46 0.91 0.00 | 22.98 0.84 0.00 | 23.37 0.84 0.00 | 22.99 0.72 0.00 | 25.69 0.81 0.00 | 27.39 0.75 0.00 | 35.54 1.01 0.00 | 59.93 1.92 0.00 | 36.64 1.31 0.00 | 26.33 0.88 0.00 | 24.08 0.66 0.00 | 21.52 0.55 0.00 | 18.22 0.50 0.00 |
| UNION___PROCESSING_DRP 323587 | 9.52 -0.90 12.65 | 7.52 -0.73 11.13 | 8.38 -0.83 11.22 | 12.75 -0.81 5.80 | 9.12 -0.81 10.04 | 14.16 -0.79 5.85 | 15.96 -0.85 8.43 | 32.19 -1.38 8.24 | 20.10 -0.67 4.20 | 21.20 -0.69 0.32 | 21.74 -0.77 1.11 | 22.79 -0.75 0.00 | 21.45 -0.69 0.00 | 21.80 -0.73 0.00 | 21.53 -0.73 0.00 | 24.07 -0.80 0.00 | 25.75 -0.89 0.00 | 29.02 -1.31 4.20 | 42.25 -2.22 13.54 | 28.59 -1.16 5.58 | 24.59 -0.87 0.00 | 22.93 -0.49 0.00 | 20.60 -0.37 0.00 | 17.22 -0.51 0.00 |
| UPPER HUDSON___HYD 24058 | 24.22 1.14 0.00 | 20.22 0.84 0.00 | 21.35 0.92 0.00 | 20.24 0.89 0.00 | 20.90 0.94 0.00 | 21.89 1.10 0.00 | 26.72 1.48 0.00 | 44.36 2.55 0.00 | 26.48 1.51 0.00 | 23.49 1.27 0.00 | 24.96 1.34 0.00 | 24.74 1.19 0.00 | 23.19 1.04 0.00 | 23.51 0.99 0.00 | 23.19 0.92 0.00 | 25.99 1.12 0.00 | 27.84 1.20 0.00 | 36.35 1.82 0.00 | 61.16 3.15 0.00 | 37.28 1.95 0.00 | 26.75 1.29 0.00 | 24.58 1.16 0.00 | 22.03 1.06 0.00 | 18.58 0.85 0.00 |
| UPPER RAQUET___HYD 24056 | 23.72 0.64 0.00 | 19.85 0.46 0.00 | 20.90 0.46 0.00 | 19.82 0.45 0.00 | 20.48 0.51 0.00 | 21.53 0.74 0.00 | 25.98 1.31 0.57 | 44.28 2.47 0.00 | 26.22 1.25 0.00 | 22.99 0.77 0.00 | 24.23 0.61 0.00 | 23.79 0.25 0.00 | 22.09 -0.06 0.00 | 22.51 -0.02 0.00 | 22.35 0.09 0.00 | 25.25 0.37 0.00 | 27.98 1.34 0.00 | 36.79 2.27 0.00 | 62.39 4.38 0.00 | 67.62 1.97 -30.31 | 54.41 1.09 -27.85 | 53.58 0.78 -29.38 | 49.22 0.49 -27.76 | 10.15 0.26 7.84 |
| VALLEY44_115KV_TB2 355964 | -0.03 -0.56 22.54 | -0.88 -0.43 19.83 | -0.06 -0.50 19.99 | 8.53 -0.50 10.33 | 1.60 -0.47 17.89 | 9.89 -0.49 10.41 | 9.78 -0.44 15.03 | 26.53 -0.59 14.69 | 17.15 -0.22 7.60 | 20.71 -0.27 1.24 | 19.90 -0.23 3.49 | 23.26 -0.28 0.00 | 19.23 -0.03 2.88 | 22.32 -0.21 0.00 | 22.04 -0.22 0.01 | 24.41 -0.30 0.16 | 26.19 -0.45 0.00 | 26.12 -0.68 7.72 | 30.15 -0.99 26.87 | 22.10 -0.40 12.83 | 24.64 -0.82 0.01 | 23.22 -0.19 0.00 | 20.88 -0.10 0.00 | 17.36 -0.36 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 23.42 0.34 0.00 | 19.66 0.27 0.00 | 20.75 0.32 0.00 | 19.70 0.34 0.00 | 20.31 0.35 0.00 | 21.17 0.37 0.00 | 25.85 0.53 -0.08 | 42.78 0.97 0.00 | 25.51 0.54 0.00 | 22.65 0.43 0.00 | 23.98 0.36 0.00 | 23.82 0.27 0.00 | 22.39 0.24 0.00 | 22.78 0.25 0.00 | 22.49 0.22 0.00 | 25.24 0.36 0.00 | 26.88 0.24 0.00 | 35.06 0.54 0.00 | 58.93 0.93 0.00 | 35.97 0.64 0.00 | 25.83 0.36 0.00 | 23.68 0.26 0.00 | 21.13 0.16 0.00 | 19.66 0.14 -1.79 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 31.03 0.81 -7.14 | 26.36 0.69 -6.29 | 27.51 0.74 -6.34 | 23.33 0.70 -3.28 | 26.38 0.75 -5.67 | 24.87 0.77 -3.30 | 31.02 1.02 -4.76 | 48.22 1.76 -4.66 | 28.45 1.10 -2.38 | 23.36 0.96 -0.18 | 25.27 1.02 -0.63 | 24.53 0.99 0.00 | 23.12 0.97 0.00 | 23.53 1.00 0.00 | 23.30 1.03 0.00 | 26.00 1.12 0.00 | 27.83 1.19 0.00 | 38.45 1.55 -2.37 | 68.34 2.64 -7.70 | 40.10 1.60 -3.16 | 26.33 0.87 0.00 | 24.24 0.82 0.00 | 21.67 0.70 0.00 | 18.30 0.58 0.00 |
| VISCHER___FERRY HYD 24020 | 24.12 1.04 0.00 | 20.20 0.81 0.00 | 21.30 0.87 0.00 | 20.19 0.83 0.00 | 20.83 0.86 0.00 | 21.75 0.96 0.00 | 26.46 1.22 0.00 | 43.82 2.01 0.00 | 26.19 1.22 0.00 | 23.32 1.10 0.00 | 24.82 1.20 0.00 | 24.72 1.18 0.00 | 23.20 1.05 0.00 | 23.57 1.04 0.00 | 23.27 1.00 0.00 | 26.04 1.17 0.00 | 27.76 1.11 0.00 | 36.07 1.55 0.00 | 60.68 2.68 0.00 | 37.01 1.68 0.00 | 26.67 1.21 0.00 | 24.48 1.06 0.00 | 21.89 0.92 0.00 | 18.52 0.79 0.00 |
| V_A_10_SYNC_DSASP 323832 | 7.23 -1.39 14.46 | 5.53 -1.13 12.72 | 6.37 -1.25 12.82 | 11.51 -1.22 6.62 | 7.26 -1.22 11.48 | 12.88 -1.24 6.68 | 14.21 -1.39 9.64 | 30.07 -2.32 9.42 | 18.87 -1.21 4.89 | 20.01 -1.14 1.07 | 19.55 -1.19 2.88 | 22.36 -1.18 0.00 | 18.01 -1.05 3.09 | 21.37 -1.15 0.00 | 21.05 -1.20 0.01 | 23.34 -1.35 0.18 | 25.08 -1.56 0.00 | 27.18 -2.27 5.07 | 34.97 -3.89 19.14 | 23.47 -2.08 9.78 | 23.84 -1.61 0.01 | 22.42 -0.99 0.00 | 20.19 -0.78 0.00 | 16.84 -0.89 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 23.07 0.00 0.00 | 19.37 -0.01 0.00 | 20.40 -0.03 0.00 | 19.32 -0.03 0.00 | 19.91 -0.05 0.00 | 20.77 -0.03 0.00 | 23.78 -0.05 1.42 | 41.79 -0.02 0.00 | 24.87 -0.10 0.00 | 22.13 -0.09 0.00 | 23.52 -0.10 0.00 | 23.45 -0.09 0.00 | 21.98 -0.16 0.00 | 22.38 -0.15 0.00 | 22.11 -0.15 0.00 | 24.75 -0.13 0.00 | 26.59 -0.05 0.00 | 34.45 -0.07 0.00 | 57.72 -0.28 0.00 | 32.21 -0.23 2.89 | 22.70 -0.10 2.65 | 20.46 -0.15 2.80 | 18.19 -0.14 2.65 | -15.57 -0.15 33.14 |
| V_CMP_10_SYNC_DSASP 323788 | 22.93 -0.15 0.00 | 19.22 -0.17 0.00 | 20.22 -0.21 0.00 | 19.20 -0.15 0.00 | 19.73 -0.23 0.00 | 20.60 -0.19 0.00 | 23.62 -0.31 1.31 | 41.41 -0.40 0.00 | 24.66 -0.31 0.00 | 21.99 -0.23 0.00 | 23.45 -0.17 0.00 | 23.39 -0.15 0.00 | 21.85 -0.30 0.00 | 22.20 -0.33 0.00 | 22.04 -0.23 0.00 | 24.78 -0.09 0.00 | 26.84 0.19 0.00 | 34.70 0.18 0.00 | 58.01 0.00 45.54 | -10.86 -0.65 41.84 | -16.83 -0.45 44.14 | -21.20 -0.48 41.70 | -21.21 -0.49 41.70 | -20.77 -0.52 37.98 |
| V_D_10_SYNC_DSASP 323841 | 23.18 0.10 0.00 | 19.46 0.08 0.00 | 20.50 0.06 0.00 | 19.41 0.05 0.00 | 20.00 0.04 0.00 | 20.86 0.07 0.00 | 23.89 0.06 1.42 | 42.00 0.19 0.00 | 25.00 0.03 0.00 | 22.24 0.03 0.00 | 23.65 0.03 0.00 | 23.57 0.03 0.00 | 22.10 -0.05 0.00 | 22.50 -0.03 0.00 | 22.23 -0.04 0.00 | 24.88 0.01 0.00 | 26.73 0.08 0.00 | 34.62 0.09 0.00 | 58.00 -0.01 0.00 | 32.38 -0.06 2.89 | 22.82 0.02 2.65 | 20.57 -0.04 2.80 | 18.29 -0.04 2.65 | -15.49 -0.08 33.14 |
| V_E_10_SYNC_DSASP 323830 | 66.94 0.83 -43.04 | 57.96 0.70 -37.87 | 59.34 0.74 -38.17 | 39.81 0.73 -19.72 | 55.02 0.89 -34.17 | 41.84 1.15 -19.88 | 55.69 1.75 -28.70 | 73.15 3.30 -28.04 | 41.17 1.83 -14.37 | 24.99 1.34 -1.43 | 29.47 1.29 -4.55 | 24.83 1.28 0.00 | 24.90 1.31 -1.45 | 23.91 1.39 0.00 | 23.66 1.39 -0.01 | 26.45 1.49 -0.08 | 28.44 1.79 0.00 | 51.79 2.85 -14.42 | 110.82 4.94 -47.88 | 58.79 2.81 -20.65 | 26.81 1.35 0.00 | 24.67 1.25 0.00 | 22.02 1.05 0.00 | 18.43 0.70 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 24.31 1.23 0.00 | 20.35 0.97 0.00 | 21.46 1.03 0.00 | 20.34 0.99 0.00 | 20.99 1.03 0.00 | 21.95 1.15 0.00 | 26.74 1.50 0.00 | 44.33 2.52 0.00 | 26.47 1.50 0.00 | 23.50 1.29 0.00 | 24.99 1.37 0.00 | 24.81 1.26 0.00 | 23.29 1.14 0.00 | 23.65 1.12 0.00 | 23.36 1.10 0.00 | 26.20 1.32 0.00 | 28.04 1.40 0.00 | 36.51 1.98 0.00 | 61.43 3.43 0.00 | 37.44 2.11 0.00 | 26.91 1.45 0.00 | 24.72 1.31 0.00 | 22.11 1.14 0.00 | 18.68 0.95 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 23.86 0.78 0.00 | 20.02 0.64 0.00 | 21.12 0.69 0.00 | 20.03 0.68 0.00 | 20.65 0.69 0.00 | 21.52 0.73 0.00 | 26.18 0.94 0.00 | 43.35 1.54 0.00 | 25.93 0.96 0.00 | 23.10 0.88 0.00 | 24.62 1.00 0.00 | 24.53 0.98 0.00 | 23.06 0.91 0.00 | 23.44 0.92 0.00 | 23.06 0.80 0.00 | 25.78 0.91 0.00 | 27.51 0.87 0.00 | 35.69 1.16 0.00 | 60.20 2.19 0.00 | 36.79 1.45 0.00 | 26.44 0.98 0.00 | 24.16 0.74 0.00 | 21.59 0.62 0.00 | 18.27 0.54 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 22.93 -0.15 0.00 | 19.22 -0.17 0.00 | 20.22 -0.21 0.00 | 19.20 -0.15 0.00 | 19.73 -0.23 0.00 | 20.60 -0.19 0.00 | 23.62 -0.31 1.31 | 41.41 -0.40 0.00 | 24.66 -0.31 0.00 | 21.99 -0.23 0.00 | 23.45 -0.17 0.00 | 23.39 -0.15 0.00 | 21.85 -0.30 0.00 | 22.20 -0.33 0.00 | 22.04 -0.23 0.00 | 24.78 -0.09 0.00 | 26.84 0.19 0.00 | 34.70 0.18 0.00 | 58.01 0.00 0.00 | -10.86 -0.65 45.54 | -16.83 -0.45 41.84 | -21.20 -0.48 44.14 | -21.21 -0.49 41.70 | -20.77 -0.52 37.98 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 24.20 1.13 0.00 | 20.31 0.93 0.00 | 21.40 0.97 0.00 | 20.28 0.92 0.00 | 20.94 0.98 0.00 | 21.84 1.05 0.00 | 26.60 1.36 0.00 | 44.20 2.40 0.00 | 26.51 1.54 0.00 | 23.65 1.43 0.00 | 25.25 1.62 0.00 | 25.25 1.70 0.00 | 23.78 1.63 0.00 | 24.18 1.66 0.00 | 23.95 1.68 0.00 | 26.70 1.82 0.00 | 28.50 1.86 0.00 | 36.89 2.37 0.00 | 62.01 4.01 0.00 | 37.72 2.39 0.00 | 27.08 1.62 0.00 | 24.87 1.45 0.00 | 22.22 1.24 0.00 | 18.82 1.10 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 24.25 1.17 0.00 | 20.36 0.98 0.00 | 21.45 1.02 0.00 | 20.33 0.97 0.00 | 20.98 1.02 0.00 | 21.88 1.08 0.00 | 26.64 1.40 0.00 | 44.24 2.43 0.00 | 26.60 1.63 0.00 | 23.77 1.55 0.00 | 25.40 1.78 0.00 | 25.39 1.85 0.00 | 23.95 1.80 0.00 | 24.36 1.83 0.00 | 24.12 1.85 0.00 | 26.86 1.99 0.00 | 28.66 2.01 0.00 | 37.02 2.50 0.00 | 62.09 4.09 0.00 | 37.75 2.42 0.00 | 27.15 1.68 0.00 | 24.93 1.52 0.00 | 22.28 1.31 0.00 | 18.88 1.16 0.00 |
| W50THST__13_KV_LOAD 356117 | 24.35 1.27 0.00 | 20.44 1.05 0.00 | 21.53 1.10 0.00 | 20.41 1.05 0.00 | 21.06 1.10 0.00 | 21.98 1.18 0.00 | 26.78 1.53 0.00 | 44.46 2.65 0.00 | 26.75 1.78 0.00 | 23.91 1.70 0.00 | 25.58 1.96 0.00 | 25.61 2.07 0.00 | 24.18 2.03 0.00 | 24.59 2.06 0.00 | 24.35 2.09 0.00 | 27.11 2.24 0.00 | 28.92 2.28 0.00 | 37.34 2.82 0.00 | 62.59 4.59 0.00 | 38.02 2.69 0.00 | 27.34 1.88 0.00 | 25.11 1.69 0.00 | 22.44 1.46 0.00 | 19.01 1.28 0.00 |
| WADING RIVER_IC_1 23522 | 24.27 1.20 0.00 | 20.39 1.01 0.00 | 21.38 0.94 0.00 | 20.29 0.94 0.00 | 21.00 1.03 0.00 | 22.15 1.36 0.00 | 27.03 1.79 0.00 | 44.39 2.59 0.00 | 26.73 1.76 0.00 | 23.97 1.75 0.00 | 25.71 2.09 0.00 | 25.57 2.02 0.00 | 24.01 1.86 0.00 | 24.20 1.67 0.00 | 23.54 1.27 0.00 | 13.46 1.41 12.83 | 25.86 1.66 2.45 | 36.91 2.38 0.00 | 60.66 3.81 1.16 | 37.58 2.25 0.00 | 27.17 1.71 0.00 | 24.94 1.52 0.00 | 22.48 1.51 0.00 | 18.98 1.26 0.00 |
| WADING RIVER_IC_2 23547 | 24.27 1.20 0.00 | 20.39 1.01 0.00 | 21.38 0.94 0.00 | 20.29 0.94 0.00 | 21.00 1.03 0.00 | 22.15 1.36 0.00 | 27.03 1.79 0.00 | 44.39 2.59 0.00 | 26.73 1.76 0.00 | 23.97 1.75 0.00 | 25.71 2.09 0.00 | 25.57 2.02 0.00 | 24.01 1.86 0.00 | 24.20 1.67 0.00 | 23.54 1.27 0.00 | 13.46 1.41 12.83 | 25.86 1.66 2.45 | 36.91 2.38 0.00 | 60.66 3.81 1.16 | 37.58 2.25 0.00 | 27.17 1.71 0.00 | 24.94 1.52 0.00 | 22.48 1.51 0.00 | 18.98 1.26 0.00 |
| WADING RIVER_IC_3 23601 | 24.27 1.20 0.00 | 20.39 1.01 0.00 | 21.38 0.94 0.00 | 20.29 0.94 0.00 | 21.00 1.03 0.00 | 22.15 1.36 0.00 | 27.03 1.79 0.00 | 44.39 2.59 0.00 | 26.73 1.76 0.00 | 23.97 1.75 0.00 | 25.71 2.09 0.00 | 25.57 2.02 0.00 | 24.01 1.86 0.00 | 24.20 1.67 0.00 | 23.54 1.27 0.00 | 13.46 1.41 12.83 | 25.86 1.66 2.45 | 36.91 2.38 0.00 | 60.66 3.81 1.16 | 37.58 2.25 0.00 | 27.17 1.71 0.00 | 24.94 1.52 0.00 | 22.48 1.51 0.00 | 18.98 1.26 0.00 |
| WALDENNY_12_KV_BK2 80841 | 2.85 -1.07 19.15 | 1.68 -0.86 16.85 | 2.48 -0.96 16.98 | 9.61 -0.97 8.77 | 3.82 -0.93 15.20 | 11.00 -0.95 8.85 | 11.48 -0.99 12.77 | 27.70 -1.63 12.48 | 17.65 -0.79 6.54 | 19.49 -0.80 1.93 | 17.84 -0.81 4.98 | 22.69 -0.85 0.00 | 15.17 -0.64 6.33 | 21.75 -0.78 0.00 | 21.43 -0.81 0.03 | 23.58 -0.93 0.36 | 25.51 -1.13 0.00 | 25.98 -1.64 6.90 | 28.21 -2.72 27.07 | 18.92 -1.36 15.05 | 24.12 -1.32 0.02 | 22.78 -0.63 0.00 | 20.51 -0.46 0.00 | 17.03 -0.69 0.00 |
| WALDEN__HYDRO 24148 | 24.22 1.15 0.00 | 20.33 0.94 0.00 | 21.41 0.98 0.00 | 20.29 0.93 0.00 | 20.94 0.98 0.00 | 21.85 1.05 0.00 | 26.62 1.37 0.00 | 44.23 2.42 0.00 | 26.51 1.54 0.00 | 23.61 1.40 0.00 | 25.16 1.54 0.00 | 25.12 1.58 0.00 | 23.66 1.51 0.00 | 24.06 1.53 0.00 | 23.84 1.57 0.00 | 26.63 1.75 0.00 | 28.45 1.81 0.00 | 36.88 2.35 0.00 | 61.90 3.90 0.00 | 37.66 2.33 0.00 | 27.03 1.57 0.00 | 24.82 1.40 0.00 | 22.17 1.20 0.00 | 18.78 1.05 0.00 |
| WARRENSBURG____ 23737 | 24.22 1.14 0.00 | 20.22 0.84 0.00 | 21.35 0.92 0.00 | 20.24 0.89 0.00 | 20.90 0.94 0.00 | 21.89 1.10 0.00 | 26.72 1.48 0.00 | 44.36 2.55 0.00 | 26.48 1.51 0.00 | 23.49 1.27 0.00 | 24.96 1.34 0.00 | 24.74 1.19 0.00 | 23.19 1.04 0.00 | 23.51 0.99 0.00 | 23.19 0.92 0.00 | 25.99 1.12 0.00 | 27.84 1.20 0.00 | 36.35 1.82 0.00 | 61.16 3.15 0.00 | 37.28 1.95 0.00 | 26.75 1.29 0.00 | 24.58 1.16 0.00 | 22.03 1.06 0.00 | 18.58 0.85 0.00 |
| WATERSIDE____6 8 9 23538 | 24.25 1.18 0.00 | 20.37 0.98 0.00 | 21.47 1.04 0.00 | 20.35 0.99 0.00 | 21.00 1.04 0.00 | 21.90 1.10 0.00 | 26.65 1.41 0.00 | 44.22 2.41 0.00 | 26.63 1.66 0.00 | 23.78 1.56 0.00 | 25.42 1.80 0.00 | 25.41 1.86 0.00 | 23.99 1.84 0.00 | 24.38 1.85 0.00 | 24.14 1.87 0.00 | 26.87 2.00 0.00 | 28.66 2.02 0.00 | 37.01 2.49 0.00 | 62.07 4.06 0.00 | 37.82 2.49 0.00 | 27.24 1.78 0.00 | 24.99 1.57 0.00 | 22.34 1.37 0.00 | 18.93 1.21 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 23.34 0.26 0.00 | 19.58 0.20 0.00 | 20.66 0.23 0.00 | 19.59 0.23 0.00 | 20.21 0.24 0.00 | 21.07 0.27 0.00 | 25.69 0.37 -0.08 | 42.48 0.67 0.00 | 25.35 0.38 0.00 | 22.53 0.31 0.00 | 23.87 0.25 0.00 | 23.73 0.18 0.00 | 22.32 0.17 0.00 | 22.69 0.17 0.00 | 22.42 0.15 0.00 | 25.12 0.25 0.00 | 26.82 0.18 0.00 | 34.94 0.42 0.00 | 58.82 0.81 0.00 | 35.87 0.54 0.00 | 25.79 0.33 0.00 | 23.67 0.26 0.00 | 21.16 0.19 0.00 | 19.68 0.16 -1.79 |
| WATSON____69_KV_BK 1 55734 | 24.50 1.43 0.00 | 20.57 1.19 0.00 | 21.58 1.14 0.00 | 20.47 1.11 0.00 | 21.14 1.18 0.00 | 22.21 1.42 0.00 | 27.07 1.82 0.00 | 44.57 2.76 0.00 | 26.83 1.86 0.00 | 24.07 1.85 0.00 | 25.85 2.23 0.00 | 25.72 2.17 0.00 | 24.16 2.01 0.00 | 24.39 1.87 0.00 | 23.88 1.62 0.00 | 14.01 1.68 12.54 | 26.12 1.86 2.39 | 37.13 2.60 0.00 | 61.09 4.21 1.13 | 37.87 2.54 0.00 | 27.36 1.90 0.00 | 25.16 1.74 0.00 | 22.64 1.66 0.00 | 19.13 1.40 0.00 |
| WDELAWARE__HYD 323627 | 24.29 1.21 0.00 | 20.38 1.00 0.00 | 21.47 1.04 0.00 | 20.34 0.98 0.00 | 20.99 1.03 0.00 | 21.92 1.12 0.00 | 26.71 1.47 0.00 | 44.42 2.61 0.00 | 26.59 1.62 0.00 | 23.64 1.42 0.00 | 25.13 1.50 0.00 | 25.05 1.51 0.00 | 23.57 1.42 0.00 | 24.00 1.48 0.00 | 23.79 1.52 0.00 | 26.59 1.72 0.00 | 28.49 1.84 0.00 | 36.94 2.41 0.00 | 62.18 4.17 0.00 | 37.83 2.50 0.00 | 27.12 1.66 0.00 | 24.91 1.49 0.00 | 22.24 1.27 0.00 | 18.82 1.09 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 24.45 1.38 0.00 | 20.53 1.15 0.00 | 21.54 1.11 0.00 | 20.43 1.08 0.00 | 21.10 1.14 0.00 | 22.15 1.36 0.00 | 26.97 1.73 0.00 | 44.46 2.65 0.00 | 26.75 1.78 0.00 | 24.00 1.78 0.00 | 25.78 2.16 0.00 | 25.65 2.11 0.00 | 24.10 1.95 0.00 | 24.34 1.82 0.00 | 23.84 1.57 0.00 | 14.79 1.59 11.68 | 26.15 1.74 2.23 | 36.92 2.40 0.00 | 60.83 3.88 1.06 | 37.67 2.34 0.00 | 27.24 1.78 0.00 | 25.11 1.69 0.00 | 22.59 1.61 0.00 | 19.09 1.36 0.00 |
| WEST CANADA___HYD 24049 | 23.14 0.07 0.00 | 19.44 0.06 0.00 | 20.51 0.08 0.00 | 19.44 0.08 0.00 | 20.05 0.08 0.00 | 20.87 0.07 0.00 | 25.40 0.08 -0.08 | 41.94 0.13 0.00 | 25.09 0.12 0.00 | 22.33 0.11 0.00 | 23.74 0.12 0.00 | 23.66 0.12 0.00 | 22.26 0.11 0.00 | 22.64 0.11 0.00 | 22.38 0.11 0.00 | 25.00 0.13 0.00 | 26.76 0.12 0.00 | 34.69 0.16 0.00 | 58.30 0.29 0.00 | 35.51 0.18 0.00 | 25.58 0.12 0.00 | 23.51 0.09 0.00 | 21.06 0.09 0.00 | 19.60 0.08 -1.79 |
| WESTERN_NY_WIND 24143 | 6.77 -0.72 15.59 | 5.09 -0.58 13.72 | 5.92 -0.69 13.82 | 11.50 -0.71 7.14 | 6.94 -0.66 12.38 | 12.94 -0.65 7.20 | 14.31 -0.54 10.39 | 30.79 -0.87 10.16 | 19.03 -0.34 5.60 | 20.15 -0.54 1.53 | 19.04 -0.58 3.99 | 22.69 -0.85 0.00 | 16.73 -0.60 4.82 | 21.70 -0.82 0.00 | 21.44 -0.81 0.02 | 23.76 -0.84 0.27 | 25.66 -0.98 0.00 | 27.90 -1.15 5.48 | 35.91 -1.69 20.41 | 24.06 -0.71 10.56 | 24.66 -0.79 0.01 | 23.17 -0.24 0.00 | 20.83 -0.14 0.00 | 17.31 -0.42 0.00 |
| WESTOVER___LESR 323668 | 23.12 0.05 0.00 | 19.42 0.03 0.00 | 20.50 0.06 0.00 | 19.44 0.08 0.00 | 20.04 0.07 0.00 | 20.91 0.11 0.00 | 25.42 0.18 0.00 | 42.33 0.52 0.00 | 25.31 0.32 -0.02 | 22.71 0.25 -0.24 | 24.44 0.27 -0.55 | 23.90 0.35 0.00 | 23.66 0.43 -1.08 | 23.01 0.48 0.00 | 22.77 0.50 0.00 | 25.39 0.45 -0.06 | 27.12 0.48 0.00 | 35.26 0.64 -0.10 | 60.52 1.17 -1.35 | 37.22 0.65 -1.24 | 25.31 -0.15 0.00 | 23.44 0.02 0.00 | 20.97 -0.01 0.00 | 17.66 -0.07 0.00 |
| WETHRSFD_WT_PWR 323626 | -3.69 -1.57 25.20 | -4.07 -1.28 22.17 | -3.29 -1.38 22.35 | 6.49 -1.32 11.54 | -1.31 -1.27 20.00 | 7.88 -1.27 11.64 | 7.04 -1.40 16.80 | 23.11 -2.28 16.42 | 14.83 -1.34 8.80 | 15.42 -1.36 5.43 | 8.90 -1.54 13.17 | 22.00 -1.54 0.01 | -0.31 -1.26 21.20 | 21.21 -1.31 0.00 | 20.90 -1.28 0.09 | 22.24 -1.43 1.21 | 25.17 -1.47 0.00 | 22.40 -1.85 10.27 | 3.54 -3.32 51.14 | -0.94 -1.96 34.31 | 23.56 -1.84 0.06 | 22.24 -1.18 0.00 | 19.96 -1.02 0.00 | 16.64 -1.09 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 24.11 1.04 0.00 | 20.23 0.85 0.00 | 21.33 0.89 0.00 | 20.20 0.85 0.00 | 20.86 0.90 0.00 | 21.76 0.97 0.00 | 26.49 1.24 0.00 | 43.99 2.18 0.00 | 26.38 1.42 0.00 | 23.54 1.33 0.00 | 25.14 1.51 0.00 | 25.13 1.59 0.00 | 23.67 1.52 0.00 | 24.07 1.55 0.00 | 23.84 1.57 0.00 | 26.56 1.68 0.00 | 28.35 1.71 0.00 | 36.69 2.17 0.00 | 61.68 3.67 0.00 | 37.52 2.19 0.00 | 26.95 1.48 0.00 | 24.75 1.33 0.00 | 22.12 1.15 0.00 | 18.75 1.02 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 24.11 1.04 0.00 | 20.23 0.85 0.00 | 21.33 0.89 0.00 | 20.20 0.85 0.00 | 20.86 0.90 0.00 | 21.76 0.97 0.00 | 26.49 1.24 0.00 | 43.99 2.18 0.00 | 26.38 1.42 0.00 | 23.54 1.33 0.00 | 25.14 1.51 0.00 | 25.13 1.59 0.00 | 23.67 1.52 0.00 | 24.07 1.55 0.00 | 23.84 1.57 0.00 | 26.56 1.68 0.00 | 28.35 1.71 0.00 | 36.69 2.17 0.00 | 61.68 3.67 0.00 | 37.52 2.19 0.00 | 26.95 1.48 0.00 | 24.75 1.33 0.00 | 22.12 1.15 0.00 | 18.75 1.02 0.00 |
| WHITEHAL_115KV_TB1 80871 | 24.85 1.78 0.00 | 20.52 1.13 0.00 | 21.83 1.39 0.00 | 20.72 1.36 0.00 | 21.39 1.43 0.00 | 22.63 1.83 0.00 | 27.69 2.45 0.00 | 46.00 4.19 0.00 | 27.45 2.48 0.00 | 24.29 2.08 0.00 | 25.80 2.19 0.00 | 25.52 1.97 0.00 | 23.93 1.78 0.00 | 24.18 1.66 0.00 | 23.74 1.47 0.00 | 26.63 1.76 0.00 | 28.43 1.79 0.00 | 37.28 2.76 0.00 | 62.50 4.49 0.00 | 38.26 2.92 0.00 | 27.34 1.87 0.00 | 25.23 1.82 0.00 | 22.63 1.66 0.00 | 18.98 1.25 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 24.38 1.30 0.00 | 20.45 1.07 0.00 | 21.54 1.11 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.98 1.19 0.00 | 26.79 1.54 0.00 | 44.54 2.73 0.00 | 26.73 1.76 0.00 | 23.87 1.65 0.00 | 25.50 1.88 0.00 | 25.48 1.94 0.00 | 24.01 1.86 0.00 | 24.42 1.89 0.00 | 24.16 1.90 0.00 | 26.94 2.06 0.00 | 28.76 2.12 0.00 | 37.21 2.69 0.00 | 62.52 4.51 0.00 | 38.03 2.70 0.00 | 27.31 1.84 0.00 | 25.08 1.66 0.00 | 22.41 1.43 0.00 | 18.97 1.24 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 24.30 1.22 0.00 | 20.41 1.03 0.00 | 21.39 0.96 0.00 | 20.31 0.95 0.00 | 20.99 1.03 0.00 | 22.12 1.32 0.00 | 26.97 1.73 0.00 | 44.32 2.50 0.00 | 26.67 1.70 0.00 | 23.94 1.72 0.00 | 25.68 2.05 0.00 | 25.53 1.98 0.00 | 24.00 1.85 0.00 | 24.19 1.66 0.00 | 23.60 1.33 0.00 | 13.53 1.45 12.80 | 25.84 1.65 2.44 | 36.90 2.37 0.00 | 60.61 3.76 1.16 | 37.56 2.23 0.00 | 27.20 1.73 0.00 | 24.97 1.56 0.00 | 22.49 1.52 0.00 | 19.01 1.28 0.00 |
| WOODARD___115KV_TB2 355635 | 22.53 -0.54 0.00 | 18.94 -0.44 0.00 | 19.95 -0.48 0.00 | 18.90 -0.45 0.00 | 19.50 -0.46 0.00 | 20.32 -0.48 0.00 | 24.66 -0.59 0.00 | 40.77 -1.03 0.00 | 24.41 -0.56 0.00 | 21.69 -0.52 0.00 | 23.02 -0.60 0.00 | 22.93 -0.61 0.00 | 21.61 -0.53 0.00 | 21.98 -0.55 0.00 | 21.73 -0.53 0.00 | 24.24 -0.63 0.00 | 26.02 -0.62 0.00 | 33.72 -0.81 0.00 | 56.68 -1.32 0.00 | 34.56 -0.77 0.00 | 25.00 -0.46 0.00 | 23.05 -0.37 0.00 | 20.67 -0.30 0.00 | 17.44 -0.28 0.00 |
| YORK___WARBASSE 23770 | 24.33 1.25 0.00 | 20.42 1.04 0.00 | 21.53 1.10 0.00 | 20.40 1.04 0.00 | 21.05 1.09 0.00 | 21.95 1.16 0.00 | 26.73 1.49 0.00 | 44.38 2.57 0.00 | 26.74 1.77 0.00 | 23.85 1.63 0.00 | 25.49 1.87 0.00 | 25.47 1.93 0.00 | 24.03 1.89 0.00 | 24.43 1.90 0.00 | 24.18 1.91 0.00 | 26.93 2.06 0.00 | 28.74 2.10 0.00 | 37.13 2.60 0.00 | 62.18 4.18 0.00 | 37.95 2.62 0.00 | 27.34 1.88 0.00 | 25.08 1.66 0.00 | 22.41 1.44 0.00 | 18.99 1.26 0.00 |