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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.67 0.27 0.00 | 23.45 0.32 0.00 | 23.09 0.36 0.00 | 23.33 0.34 0.00 | 23.77 0.42 0.00 | 22.87 0.43 0.00 | 24.47 0.46 0.00 | 26.78 0.53 0.00 | 26.76 0.45 0.00 | 27.13 0.35 0.00 | 29.16 0.54 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.64 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| ALBANY___3 23573 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.67 0.27 0.00 | 23.45 0.32 0.00 | 23.09 0.36 0.00 | 23.33 0.34 0.00 | 23.77 0.42 0.00 | 22.87 0.43 0.00 | 24.47 0.46 0.00 | 26.78 0.53 0.00 | 26.76 0.45 0.00 | 27.13 0.35 0.00 | 29.16 0.54 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.64 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| ALBANY___4 23574 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.67 0.27 0.00 | 23.45 0.32 0.00 | 23.09 0.36 0.00 | 23.33 0.34 0.00 | 23.77 0.42 0.00 | 22.87 0.43 0.00 | 24.47 0.46 0.00 | 26.78 0.53 0.00 | 26.76 0.45 0.00 | 27.13 0.35 0.00 | 29.16 0.54 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.64 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| ALBANY___LFGE 323615 | 27.50 0.64 0.00 | 26.51 0.65 0.00 | 24.96 0.56 0.00 | 23.75 0.62 0.00 | 23.32 0.59 0.00 | 23.60 0.62 0.00 | 24.03 0.68 0.00 | 23.14 0.70 0.00 | 24.74 0.72 0.00 | 27.05 0.79 0.00 | 27.05 0.74 0.00 | 27.45 0.67 0.00 | 29.47 0.86 0.00 | 29.70 0.84 0.00 | 30.11 0.88 0.00 | 32.02 0.93 0.00 | 35.31 0.93 0.00 | 38.72 1.13 0.00 | 39.71 1.12 0.00 | 38.37 1.08 0.00 | 36.76 1.17 0.00 | 33.57 1.07 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 26.50 -0.35 0.00 | 25.61 -0.26 0.00 | 24.13 -0.27 0.00 | 22.87 -0.25 0.00 | 22.50 -0.23 0.00 | 22.77 -0.21 0.00 | 23.09 -0.26 0.00 | 22.00 -0.45 0.00 | 23.51 -0.50 0.00 | 25.81 -0.45 0.00 | 25.87 -0.45 0.00 | 26.33 -0.46 0.00 | 28.02 -0.60 0.00 | 28.26 -0.61 0.00 | 28.65 -0.58 0.00 | 30.46 -0.62 0.00 | 33.80 -0.58 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.69 -0.60 0.00 | 35.02 -0.57 0.00 | 31.92 -0.59 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 26.50 -0.35 0.00 | 25.61 -0.26 0.00 | 24.13 -0.27 0.00 | 22.87 -0.25 0.00 | 22.50 -0.23 0.00 | 22.77 -0.21 0.00 | 23.09 -0.26 0.00 | 22.00 -0.45 0.00 | 23.51 -0.50 0.00 | 25.81 -0.45 0.00 | 25.87 -0.45 0.00 | 26.33 -0.46 0.00 | 28.02 -0.60 0.00 | 28.26 -0.61 0.00 | 28.65 -0.58 0.00 | 30.46 -0.62 0.00 | 33.80 -0.58 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.69 -0.60 0.00 | 35.02 -0.57 0.00 | 31.92 -0.59 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| ALCOA___DSASP 323711 | 26.50 -0.35 0.00 | 25.61 -0.26 0.00 | 24.13 -0.27 0.00 | 22.89 -0.23 0.00 | 22.50 -0.23 0.00 | 22.77 -0.21 0.00 | 23.09 -0.26 0.00 | 22.00 -0.45 0.00 | 23.56 -0.46 0.00 | 25.81 -0.45 0.00 | 25.87 -0.45 0.00 | 26.33 -0.46 0.00 | 27.99 -0.63 0.00 | 28.26 -0.61 0.00 | 28.65 -0.58 0.00 | 30.46 -0.62 0.00 | 33.80 -0.58 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.65 -0.63 0.00 | 35.02 -0.57 0.00 | 31.92 -0.58 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| ALLEGHENY___COGEN 23514 | 26.72 -0.13 0.00 | 25.69 -0.18 0.00 | 24.23 -0.17 0.00 | 22.89 -0.23 0.00 | 22.55 -0.18 0.00 | 22.71 -0.27 0.00 | 22.81 -0.54 0.00 | 21.97 -0.47 0.00 | 23.25 -0.77 0.00 | 25.18 -1.08 0.00 | 25.26 -1.05 0.00 | 26.11 -0.67 0.00 | 27.67 -0.94 0.00 | 27.97 -0.89 0.00 | 28.00 -1.23 0.00 | 29.97 -1.12 0.00 | 33.35 -1.03 0.00 | 36.57 -0.90 0.12 | 38.12 -0.35 0.12 | 37.43 0.33 0.19 | 36.02 0.57 0.13 | 32.95 0.45 0.01 | 31.89 0.59 0.00 | 28.06 0.44 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 27.52 0.67 0.00 | 26.49 0.62 0.00 | 24.94 0.54 0.00 | 23.66 0.53 0.00 | 23.27 0.55 0.00 | 23.53 0.55 0.00 | 23.93 0.58 0.00 | 23.05 0.61 0.00 | 24.64 0.62 0.00 | 26.99 0.74 0.00 | 27.00 0.68 0.00 | 27.42 0.64 0.00 | 29.45 0.83 0.00 | 29.67 0.81 0.00 | 30.08 0.85 0.00 | 31.99 0.90 0.00 | 35.31 0.93 0.00 | 38.69 1.09 0.00 | 39.71 1.12 0.00 | 38.40 1.12 0.00 | 36.70 1.10 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |
| ALTONA_WT_PWR 323606 | 26.61 -0.24 0.00 | 25.74 -0.13 0.00 | 24.25 -0.15 0.00 | 23.01 -0.12 0.00 | 22.57 -0.16 0.00 | 22.89 -0.09 0.00 | 23.26 -0.09 0.00 | 22.18 -0.27 0.00 | 23.78 -0.24 0.00 | 26.21 -0.05 0.00 | 26.29 -0.03 0.00 | 26.86 0.08 0.00 | 28.59 -0.03 0.00 | 28.86 0.00 0.00 | 29.26 0.03 0.00 | 31.05 -0.03 0.00 | 34.59 0.21 0.00 | 37.89 0.30 0.00 | 38.83 0.23 0.00 | 37.51 0.23 0.00 | 35.66 0.07 0.00 | 32.40 -0.10 0.00 | 31.39 0.09 0.00 | 27.67 0.06 0.00 |
| AMERICAN_REF_FUEL 24010 | 24.89 -1.96 0.00 | 23.87 -1.99 0.00 | 22.62 -1.78 0.00 | 21.37 -1.76 0.00 | 21.05 -1.68 0.00 | 21.10 -1.88 0.00 | 21.22 -2.12 0.00 | 20.79 -1.66 0.00 | 22.53 -1.49 0.00 | 24.55 -1.71 0.00 | 24.95 -1.37 0.00 | 25.90 -0.88 0.00 | 27.24 -1.37 0.00 | 27.45 -1.41 0.00 | 27.24 -1.99 0.00 | 29.06 -2.02 0.00 | 32.08 -2.30 0.00 | 34.75 -2.71 0.13 | 35.56 -2.90 0.14 | 34.37 -2.72 0.19 | 32.81 -2.63 0.15 | 30.12 -2.37 0.01 | 29.42 -1.88 0.00 | 26.13 -1.49 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 25.70 -1.15 0.00 | 24.60 -1.27 0.00 | 23.40 -1.00 0.00 | 22.11 -1.02 0.00 | 21.77 -0.95 0.00 | 21.86 -1.13 0.00 | 22.07 -1.28 0.00 | 21.59 -0.85 0.00 | 23.42 -0.60 0.00 | 25.50 -0.76 0.00 | 26.03 -0.29 0.00 | 26.99 0.21 0.00 | 28.42 -0.20 0.00 | 28.78 -0.09 0.00 | 28.53 -0.70 0.00 | 30.49 -0.59 0.00 | 33.76 -0.62 0.00 | 36.08 -1.39 0.12 | 37.00 -1.47 0.13 | 35.53 -1.56 0.19 | 34.06 -1.39 0.14 | 31.71 -0.78 0.01 | 30.92 -0.37 0.00 | 27.45 -0.16 0.00 |
| ARTHUR KILL_GT_1 23520 | 28.52 1.67 0.00 | 27.39 1.53 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.86 1.14 0.00 | 24.10 1.13 0.01 | 24.53 1.19 0.01 | 23.76 1.32 0.01 | 25.52 1.51 0.01 | 28.01 1.76 0.01 | 28.18 1.87 0.01 | 28.60 1.82 0.01 | 30.84 2.23 0.01 | 31.19 2.34 0.01 | 31.74 2.51 0.01 | 33.75 2.67 0.01 | 37.26 2.89 0.01 | 40.48 2.90 0.01 | 41.60 3.01 0.01 | 40.07 2.80 0.01 | 38.01 2.42 0.01 | 35.09 2.60 0.01 | 33.77 2.47 0.00 | 29.86 2.24 0.00 |
| ARTHUR_KILL_2 23512 | 28.44 1.58 0.00 | 27.29 1.42 0.00 | 25.62 1.22 0.00 | 24.24 1.11 0.00 | 23.82 1.09 0.00 | 24.03 1.06 0.01 | 24.46 1.12 0.01 | 23.67 1.23 0.01 | 25.45 1.44 0.01 | 27.93 1.68 0.01 | 28.10 1.79 0.01 | 28.49 1.72 0.01 | 30.76 2.15 0.01 | 31.11 2.25 0.01 | 31.62 2.40 0.01 | 33.63 2.55 0.01 | 37.13 2.75 0.01 | 40.33 2.74 0.01 | 41.44 2.86 0.01 | 39.92 2.65 0.01 | 37.87 2.28 0.01 | 34.96 2.47 0.01 | 33.64 2.35 0.00 | 29.78 2.16 0.00 |
| ARTHUR_KILL_3 23513 | 28.46 1.61 0.00 | 27.34 1.47 0.00 | 25.72 1.32 0.00 | 24.35 1.22 0.00 | 23.91 1.18 0.00 | 24.22 1.24 0.00 | 24.68 1.33 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.12 1.86 0.00 | 28.26 1.95 0.00 | 28.66 1.87 0.00 | 30.85 2.23 0.00 | 31.17 2.31 0.00 | 31.71 2.48 0.00 | 33.73 2.64 0.00 | 37.27 2.89 0.00 | 40.53 2.93 0.00 | 41.60 3.01 0.00 | 40.12 2.83 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.64 2.35 0.00 | 29.72 2.10 0.00 |

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| ASTORIA_GT4_4 24105 | 28.71 1.85 0.00 | 27.55 1.68 0.00 | 25.79 1.39 0.00 | 24.49 1.36 0.00 | 24.09 1.36 0.00 | 24.29 1.31 0.00 | 24.61 1.26 0.00 | 23.88 1.44 0.00 | 25.60 1.59 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.96 2.35 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.27 2.89 0.00 | 40.53 2.93 0.00 | 41.64 3.05 0.00 | 40.19 2.91 0.00 | 38.08 2.49 0.00 | 35.04 2.54 0.00 | 33.83 2.53 0.00 | 30.02 2.40 0.00 |
| ASTORIA_GT_1 23523 | 28.73 1.88 0.00 | 27.60 1.73 0.00 | 25.91 1.51 0.00 | 24.61 1.48 0.00 | 24.16 1.43 0.00 | 24.38 1.40 0.00 | 24.80 1.45 0.00 | 23.97 1.53 0.00 | 25.69 1.68 0.01 | 28.17 1.92 0.01 | 28.33 2.03 0.01 | 28.73 1.95 0.01 | 30.96 2.35 0.00 | 31.31 2.45 0.01 | 31.80 2.57 0.01 | 33.81 2.74 0.01 | 37.36 2.99 0.01 | 40.60 3.01 0.01 | 41.71 3.12 0.01 | 40.19 2.91 0.01 | 38.15 2.56 0.01 | 35.09 2.60 0.01 | 33.89 2.60 0.00 | 30.08 2.46 0.00 |
| ASTORIA_GT_10 24110 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.59 1.24 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.07 2.57 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| ASTORIA_GT_11 24225 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.59 1.24 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.07 2.57 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| ASTORIA_GT_12 24226 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.59 1.24 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.07 2.57 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| ASTORIA_GT_13 24227 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.59 1.24 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.07 2.57 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| ASTORIA_GT_5 24106 | 28.73 1.88 0.00 | 27.60 1.73 0.00 | 25.84 1.44 0.00 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.34 1.36 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.10 2.60 0.00 | 33.89 2.60 0.00 | 30.08 2.46 0.00 |
| ASTORIA_GT_7 24107 | 28.73 1.88 0.00 | 27.60 1.73 0.00 | 25.84 1.44 0.00 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.34 1.36 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.10 2.60 0.00 | 33.89 2.60 0.00 | 30.08 2.46 0.00 |
| ASTORIA_GT_8 24108 | 28.73 1.88 0.00 | 27.60 1.73 0.00 | 25.84 1.44 0.00 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.34 1.36 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.10 2.60 0.00 | 33.89 2.60 0.00 | 30.08 2.46 0.00 |
| ASTORIA___2 24149 | 28.68 1.83 0.00 | 27.55 1.68 0.00 | 25.86 1.46 0.00 | 24.56 1.43 0.00 | 24.11 1.39 0.00 | 24.34 1.36 0.00 | 24.75 1.40 0.00 | 23.93 1.48 0.00 | 25.64 1.63 0.01 | 28.14 1.89 0.01 | 28.28 1.97 0.01 | 28.67 1.90 0.01 | 30.91 2.29 0.00 | 31.25 2.39 0.01 | 31.74 2.51 0.01 | 33.75 2.67 0.01 | 37.26 2.89 0.01 | 40.52 2.93 0.01 | 41.63 3.05 0.01 | 40.11 2.83 0.01 | 38.07 2.49 0.01 | 35.03 2.54 0.01 | 33.83 2.53 0.00 | 30.02 2.40 0.00 |
| ASTORIA___3 23516 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.79 1.39 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.65 1.63 0.00 | 28.15 1.89 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.26 2.39 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.56 2.97 0.00 | 41.68 3.09 0.00 | 40.16 2.87 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.27 0.00 |
| ASTORIA___4 23517 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.59 1.24 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.07 2.57 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| ASTORIA___5 23518 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.79 1.39 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.65 1.63 0.00 | 28.15 1.89 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.26 2.39 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.56 2.97 0.00 | 41.68 3.09 0.00 | 40.16 2.87 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.27 0.00 |
| AST_ENERGY_2_CC3 323677 | 28.46 1.61 0.00 | 27.37 1.50 0.00 | 25.72 1.32 0.00 | 24.35 1.22 0.00 | 23.93 1.20 0.00 | 24.22 1.24 0.00 | 24.68 1.33 0.00 | 23.88 1.44 0.00 | 25.63 1.61 0.00 | 28.12 1.86 0.00 | 28.26 1.95 0.00 | 28.63 1.85 0.00 | 30.85 2.23 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.70 2.61 0.00 | 37.23 2.85 0.00 | 40.53 2.93 0.00 | 41.60 3.01 0.00 | 40.12 2.83 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.61 2.32 0.00 | 29.72 2.10 0.00 |
| AST_ENERGY_2_CC4 323678 | 28.46 1.61 0.00 | 27.37 1.50 0.00 | 25.72 1.32 0.00 | 24.35 1.22 0.00 | 23.93 1.20 0.00 | 24.22 1.24 0.00 | 24.68 1.33 0.00 | 23.88 1.44 0.00 | 25.63 1.61 0.00 | 28.12 1.86 0.00 | 28.26 1.95 0.00 | 28.63 1.85 0.00 | 30.85 2.23 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.70 2.61 0.00 | 37.23 2.85 0.00 | 40.53 2.93 0.00 | 41.60 3.01 0.00 | 40.12 2.83 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.61 2.32 0.00 | 29.72 2.10 0.00 |

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| ATHENS_STG_1 23668 | 27.60 0.75 0.00 | 26.56 0.70 0.00 | 25.06 0.66 0.00 | 23.75 0.62 0.00 | 23.32 0.59 0.00 | 23.60 0.62 0.00 | 24.03 0.68 0.00 | 23.16 0.72 0.00 | 24.79 0.77 0.00 | 27.15 0.89 0.00 | 27.21 0.90 0.00 | 27.61 0.83 0.00 | 29.68 1.06 0.00 | 29.93 1.07 0.00 | 30.34 1.11 0.00 | 32.27 1.18 0.00 | 35.69 1.31 0.00 | 38.95 1.35 0.00 | 39.98 1.39 0.00 | 38.59 1.30 0.00 | 36.84 1.25 0.00 | 33.70 1.20 0.00 | 32.39 1.09 0.00 | 28.61 0.99 0.00 |
| ATHENS_STG_2 23670 | 27.60 0.75 0.00 | 26.56 0.70 0.00 | 25.06 0.66 0.00 | 23.75 0.62 0.00 | 23.32 0.59 0.00 | 23.60 0.62 0.00 | 24.03 0.68 0.00 | 23.16 0.72 0.00 | 24.79 0.77 0.00 | 27.15 0.89 0.00 | 27.21 0.90 0.00 | 27.61 0.83 0.00 | 29.68 1.06 0.00 | 29.93 1.07 0.00 | 30.34 1.11 0.00 | 32.27 1.18 0.00 | 35.69 1.31 0.00 | 38.95 1.35 0.00 | 39.98 1.39 0.00 | 38.59 1.30 0.00 | 36.84 1.25 0.00 | 33.70 1.20 0.00 | 32.39 1.09 0.00 | 28.61 0.99 0.00 |
| ATHENS_STG_3 23677 | 27.60 0.75 0.00 | 26.56 0.70 0.00 | 25.06 0.66 0.00 | 23.75 0.62 0.00 | 23.32 0.59 0.00 | 23.60 0.62 0.00 | 24.03 0.68 0.00 | 23.16 0.72 0.00 | 24.79 0.77 0.00 | 27.15 0.89 0.00 | 27.21 0.90 0.00 | 27.61 0.83 0.00 | 29.68 1.06 0.00 | 29.93 1.07 0.00 | 30.34 1.11 0.00 | 32.27 1.18 0.00 | 35.69 1.31 0.00 | 38.95 1.35 0.00 | 39.98 1.39 0.00 | 38.59 1.30 0.00 | 36.84 1.25 0.00 | 33.70 1.20 0.00 | 32.39 1.09 0.00 | 28.61 0.99 0.00 |
| AUBURN___LFGE 323710 | 26.85 0.00 0.00 | 25.84 -0.03 0.00 | 24.42 0.02 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.28 -0.07 0.00 | 22.54 0.09 0.00 | 24.11 0.10 0.00 | 26.29 0.03 0.00 | 26.42 0.11 0.00 | 27.02 0.24 0.00 | 28.85 0.23 0.00 | 29.12 0.26 0.00 | 29.41 0.18 0.00 | 31.27 0.19 0.00 | 34.62 0.24 0.00 | 37.76 0.19 0.02 | 38.84 0.27 0.02 | 37.57 0.30 0.02 | 35.89 0.32 0.02 | 32.76 0.26 0.00 | 31.58 0.28 0.00 | 27.79 0.17 0.00 |
| BABYLON_RES_REC 323704 | 31.11 2.17 -2.08 | 28.07 2.02 -0.18 | 26.62 1.85 -0.37 | 24.70 1.57 0.00 | 24.27 1.55 0.00 | 24.64 1.66 0.00 | 25.01 1.66 0.00 | 24.04 1.59 0.00 | 25.94 1.92 0.00 | 28.57 2.31 -6.59 | 35.37 2.47 -7.11 | 36.30 2.41 -5.32 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.22 3.54 -3.30 | 42.09 3.72 -0.78 | 42.38 3.78 0.00 | 40.68 3.39 0.00 | 38.65 3.06 0.00 | 37.51 3.22 -1.80 | 35.71 2.97 -1.44 | 34.62 2.65 -4.34 |
| BABYLON__69_KV_BK2 356345 | 31.46 2.52 -2.08 | 28.40 2.35 -0.18 | 26.86 2.10 -0.37 | 24.93 1.80 0.00 | 24.52 1.80 0.00 | 24.84 1.86 0.00 | 25.19 1.84 0.00 | 24.24 1.80 0.00 | 26.20 2.19 0.00 | 28.94 2.68 0.00 | 35.77 2.87 -6.59 | 36.76 2.87 -7.11 | 37.23 3.29 -5.32 | 37.82 3.35 -5.61 | 38.14 3.48 -5.43 | 38.49 3.73 -3.68 | 41.81 4.13 -3.31 | 42.70 4.32 -0.78 | 42.99 4.40 0.00 | 41.31 4.03 0.00 | 39.19 3.59 0.00 | 38.03 3.74 -1.80 | 36.15 3.41 -1.44 | 35.00 3.04 -4.34 |
| BALL_HILL_WT_PWR 323825 | 25.56 -1.29 0.00 | 24.47 -1.40 0.00 | 23.20 -1.19 0.00 | 21.95 -1.18 0.00 | 21.59 -1.14 0.00 | 21.67 -1.31 0.00 | 21.85 -1.49 0.00 | 21.37 -1.08 0.00 | 23.15 -0.86 0.00 | 25.21 -1.05 0.00 | 25.68 -0.63 0.00 | 26.65 -0.13 0.00 | 28.05 -0.57 0.00 | 28.37 -0.49 0.00 | 28.15 -1.08 0.00 | 30.06 -1.03 0.00 | 33.28 -1.10 0.00 | 35.59 -1.88 0.13 | 36.49 -1.97 0.13 | 35.12 -1.98 0.19 | 33.60 -1.85 0.14 | 31.19 -1.30 0.01 | 30.42 -0.88 0.00 | 27.01 -0.61 0.00 |
| BARON_WINDS___WT_PWR 323822 | 25.54 -1.32 0.00 | 24.44 -1.42 0.00 | 23.16 -1.24 0.00 | 21.90 -1.23 0.00 | 21.55 -1.18 0.00 | 21.65 -1.33 0.00 | 21.90 -1.45 0.00 | 21.35 -1.10 0.00 | 22.99 -1.03 0.00 | 25.08 -1.18 0.00 | 25.45 -0.87 0.00 | 26.38 -0.40 0.00 | 27.87 -0.74 0.00 | 28.20 -0.66 0.00 | 28.12 -1.11 0.00 | 30.06 -1.03 0.00 | 33.28 -1.10 0.00 | 35.69 -1.80 0.10 | 36.68 -1.81 0.10 | 35.38 -1.71 0.19 | 33.88 -1.60 0.11 | 31.42 -1.07 0.01 | 30.51 -0.78 0.00 | 27.04 -0.58 0.00 |
| BARRETT_IC_1 23704 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_10 23701 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_11 23702 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_12 23703 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_2 23705 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_3 23706 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_4 23707 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 -6.59 | 35.06 2.16 -7.11 | 35.96 2.06 -5.32 | 36.37 2.43 -5.61 | 36.99 2.51 -5.43 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |

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| BARRETT_IC_5 23708 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_6 23709 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_7 23710 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.35 1.59 -0.37 | 24.51 1.39 0.00 | 24.11 1.39 0.00 | 24.43 1.45 0.00 | 24.77 1.42 0.00 | 23.93 1.48 0.00 | 25.79 1.78 0.00 | 28.47 2.21 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.40 2.46 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.13 0.00 | 40.19 2.91 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_8 23711 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT_IC_9 23700 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT___1 23545 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BARRETT___2 23546 | 30.92 1.99 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.47 1.49 0.00 | 24.87 1.52 0.00 | 23.97 1.53 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.06 2.16 -6.59 | 35.96 2.06 -7.11 | 36.37 2.43 -5.32 | 36.99 2.51 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.67 2.99 -3.30 | 41.45 3.08 -0.78 | 41.72 3.12 0.00 | 40.08 2.80 0.00 | 38.12 2.53 0.00 | 37.03 2.73 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| BATAVIA__115KV_TB1 55881 | 25.89 -0.97 0.00 | 24.91 -0.96 0.00 | 23.50 -0.90 0.00 | 22.29 -0.83 0.00 | 21.82 -0.91 0.00 | 22.04 -0.94 0.00 | 22.21 -1.14 0.00 | 21.62 -0.83 0.00 | 23.44 -0.58 0.00 | 25.34 -0.92 0.00 | 25.87 -0.45 0.00 | 26.81 0.03 0.00 | 28.10 -0.52 0.00 | 28.49 -0.38 0.00 | 28.33 -0.91 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 36.37 -1.09 0.14 | 37.45 -1.00 0.14 | 35.90 -1.19 0.19 | 34.65 -0.78 0.15 | 31.65 -0.85 0.01 | 30.79 -0.50 0.00 | 27.21 -0.41 0.00 |
| BAYONEEC___CTG1 323682 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG10 323750 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG2 323683 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG3 323684 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG4 323685 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG5 323686 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG6 323687 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |

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| BAYONEEC___CTG7 323688 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG8 323689 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BAYONEEC___CTG9 323749 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.76 1.37 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.78 2.16 0.00 |
| BEACON___LESR 323632 | 27.63 0.78 0.00 | 26.64 0.78 0.00 | 25.06 0.66 0.00 | 23.84 0.72 0.00 | 23.39 0.66 0.00 | 23.69 0.71 0.00 | 24.10 0.75 0.00 | 23.23 0.79 0.00 | 24.86 0.84 0.00 | 27.20 0.94 0.00 | 27.18 0.87 0.00 | 27.61 0.83 0.00 | 29.65 1.03 0.00 | 29.87 1.01 0.00 | 30.25 1.02 0.00 | 32.20 1.12 0.00 | 35.48 1.10 0.00 | 38.95 1.35 0.00 | 39.94 1.35 0.00 | 38.62 1.34 0.00 | 37.02 1.43 0.00 | 33.77 1.27 0.00 | 32.42 1.12 0.00 | 28.61 0.99 0.00 |
| BEAVER RIVER___HYD 24048 | 25.97 -0.89 0.00 | 25.09 -0.78 0.00 | 23.69 -0.71 0.00 | 22.38 -0.74 0.00 | 22.00 -0.73 0.00 | 22.24 -0.74 0.00 | 22.56 -0.79 0.00 | 21.66 -0.79 0.00 | 23.10 -0.91 0.00 | 25.42 -0.84 0.00 | 25.37 -0.95 0.00 | 25.82 -0.96 0.00 | 27.56 -1.06 0.00 | 27.83 -1.04 0.00 | 28.24 -0.99 0.00 | 30.00 -1.09 0.00 | 33.59 -0.79 0.00 | 36.99 -0.60 0.00 | 38.13 -0.46 0.00 | 36.87 -0.41 0.00 | 35.17 -0.43 0.00 | 32.14 -0.36 0.00 | 30.86 -0.44 0.00 | 27.18 -0.44 0.00 |
| BEEBEE_GT_13 23619 | 26.05 -0.81 0.00 | 25.09 -0.78 0.00 | 23.67 -0.73 0.00 | 22.43 -0.69 0.00 | 22.00 -0.73 0.00 | 22.22 -0.76 0.00 | 22.44 -0.91 0.00 | 21.82 -0.63 0.00 | 23.56 -0.46 0.00 | 25.58 -0.68 0.00 | 25.95 -0.37 0.00 | 26.75 -0.03 0.00 | 28.25 -0.37 0.00 | 28.55 -0.32 0.00 | 28.59 -0.64 0.00 | 30.49 -0.59 0.00 | 33.66 -0.72 0.00 | 36.77 -0.68 0.15 | 37.79 -0.66 0.15 | 36.31 -0.78 0.19 | 34.93 -0.50 0.16 | 31.78 -0.72 0.01 | 30.79 -0.50 0.00 | 27.15 -0.47 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 28.76 1.91 0.00 | 27.62 1.76 0.00 | 25.86 1.46 0.00 | 24.47 1.34 0.00 | 24.07 1.34 0.00 | 24.31 1.33 0.00 | 24.70 1.35 0.00 | 23.95 1.50 0.00 | 25.77 1.75 0.00 | 28.39 2.13 0.00 | 28.50 2.18 0.00 | 28.90 2.12 0.00 | 31.19 2.58 0.00 | 31.52 2.66 0.00 | 32.04 2.81 0.00 | 34.07 2.98 0.00 | 37.65 3.27 0.00 | 40.90 3.31 0.00 | 41.99 3.40 0.00 | 40.53 3.24 0.00 | 38.37 2.78 0.00 | 35.43 2.93 0.00 | 34.08 2.79 0.00 | 30.13 2.51 0.00 |
| BETHLEHEM___GRP 23843 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.67 0.27 0.00 | 23.45 0.32 0.00 | 23.09 0.36 0.00 | 23.33 0.34 0.00 | 23.77 0.42 0.00 | 22.87 0.43 0.00 | 24.47 0.46 0.00 | 26.78 0.53 0.00 | 26.76 0.45 0.00 | 27.13 0.35 0.00 | 29.16 0.54 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.64 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| BETHLEHEM___GS1 323560 | 27.20 0.35 0.00 | 26.23 0.36 0.00 | 24.71 0.32 0.00 | 23.52 0.39 0.00 | 23.09 0.36 0.00 | 23.37 0.39 0.00 | 23.79 0.44 0.00 | 22.92 0.47 0.00 | 24.50 0.48 0.00 | 26.76 0.50 0.00 | 26.73 0.42 0.00 | 27.13 0.35 0.00 | 29.13 0.52 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.65 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| BETHLEHEM___GS2 323561 | 27.20 0.35 0.00 | 26.23 0.36 0.00 | 24.71 0.32 0.00 | 23.52 0.39 0.00 | 23.09 0.36 0.00 | 23.37 0.39 0.00 | 23.79 0.44 0.00 | 22.92 0.47 0.00 | 24.50 0.48 0.00 | 26.76 0.50 0.00 | 26.73 0.42 0.00 | 27.13 0.35 0.00 | 29.13 0.52 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.65 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| BETHLEHEM___GS3 323562 | 27.20 0.35 0.00 | 26.23 0.36 0.00 | 24.71 0.32 0.00 | 23.52 0.39 0.00 | 23.09 0.36 0.00 | 23.37 0.39 0.00 | 23.79 0.44 0.00 | 22.92 0.47 0.00 | 24.50 0.48 0.00 | 26.76 0.50 0.00 | 26.73 0.42 0.00 | 27.13 0.35 0.00 | 29.13 0.52 0.00 | 29.35 0.49 0.00 | 29.76 0.53 0.00 | 31.65 0.56 0.00 | 34.93 0.55 0.00 | 38.27 0.68 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.34 0.75 0.00 | 33.15 0.65 0.00 | 31.86 0.56 0.00 | 28.14 0.52 0.00 |
| BETHLEHEM___STEEL 23779 | 25.43 -1.42 0.00 | 24.39 -1.47 0.00 | 23.06 -1.34 0.00 | 21.92 -1.20 0.00 | 21.43 -1.30 0.00 | 21.63 -1.36 0.00 | 21.78 -1.56 0.00 | 21.23 -1.21 0.00 | 23.06 -0.96 0.00 | 24.97 -1.29 0.00 | 25.55 -0.76 0.00 | 26.57 -0.21 0.00 | 27.84 -0.77 0.00 | 28.26 -0.61 0.00 | 28.03 -1.20 0.00 | 29.93 -1.15 0.00 | 33.11 -1.27 0.00 | 35.44 -2.03 0.13 | 36.34 -2.12 0.13 | 34.71 -2.39 0.19 | 33.45 -1.99 0.14 | 30.97 -1.53 0.01 | 30.26 -1.03 0.00 | 26.90 -0.72 0.00 |
| BETHLHEM_115KV_TB1 79974 | 27.28 0.43 0.00 | 26.28 0.41 0.00 | 24.74 0.34 0.00 | 23.50 0.37 0.00 | 23.11 0.39 0.00 | 23.37 0.39 0.00 | 23.79 0.44 0.00 | 22.92 0.47 0.00 | 24.50 0.48 0.00 | 26.81 0.55 0.00 | 26.81 0.50 0.00 | 27.18 0.40 0.00 | 29.22 0.60 0.00 | 29.44 0.58 0.00 | 29.85 0.61 0.00 | 31.74 0.65 0.00 | 35.00 0.62 0.00 | 38.39 0.79 0.00 | 39.36 0.77 0.00 | 38.07 0.78 0.00 | 36.41 0.82 0.00 | 33.22 0.72 0.00 | 31.92 0.63 0.00 | 28.20 0.58 0.00 |
| BETHPAGE_CC_5 323564 | 30.97 2.04 -2.08 | 27.94 1.89 -0.18 | 26.47 1.71 -0.37 | 24.58 1.46 0.00 | 24.16 1.43 0.00 | 24.52 1.54 0.00 | 24.89 1.54 0.00 | 23.95 1.50 0.00 | 25.87 1.85 0.00 | 28.47 2.21 0.00 | 35.22 2.32 -6.59 | 36.17 2.28 -7.11 | 36.60 2.66 -5.32 | 37.19 2.71 -5.61 | 37.49 2.83 -5.43 | 37.77 3.01 -3.68 | 41.01 3.33 -3.30 | 41.83 3.46 -0.78 | 42.10 3.51 0.00 | 40.42 3.13 0.00 | 38.40 2.81 0.00 | 37.28 2.99 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 25.46 -1.40 0.00 | 24.42 -1.45 0.00 | 23.11 -1.29 0.00 | 21.97 -1.16 0.00 | 21.48 -1.25 0.00 | 21.65 -1.33 0.00 | 21.83 -1.52 0.00 | 21.28 -1.17 0.00 | 23.10 -0.91 0.00 | 25.00 -1.26 0.00 | 25.60 -0.71 0.00 | 26.62 -0.16 0.00 | 27.90 -0.72 0.00 | 28.34 -0.52 0.00 | 28.12 -1.11 0.00 | 30.03 -1.06 0.00 | 33.21 -1.17 0.00 | 35.40 -2.07 0.13 | 36.34 -2.12 0.13 | 34.75 -2.35 0.19 | 33.46 -1.99 0.14 | 31.06 -1.43 0.01 | 30.33 -0.97 0.00 | 26.96 -0.66 0.00 |

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| BINGHAMTON___COGEN 23790 | 26.96 0.11 0.00 | 25.92 0.05 0.00 | 24.47 0.07 0.00 | 23.20 0.07 0.00 | 22.77 0.05 0.00 | 23.00 0.02 0.00 | 23.35 0.00 0.00 | 22.60 0.16 0.00 | 24.19 0.17 0.00 | 26.42 0.16 0.00 | 26.58 0.26 0.00 | 27.18 0.40 0.00 | 28.99 0.37 0.00 | 29.30 0.43 0.00 | 29.55 0.32 0.00 | 31.46 0.37 0.00 | 34.79 0.41 0.00 | 37.82 0.26 0.04 | 38.86 0.31 0.04 | 37.54 0.30 0.04 | 35.84 0.28 0.04 | 32.82 0.33 0.00 | 31.67 0.38 0.00 | 27.95 0.33 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 25.24 -1.61 0.00 | 24.16 -1.71 0.00 | 22.89 -1.51 0.00 | 21.81 -1.32 0.00 | 21.32 -1.41 0.00 | 21.56 -1.42 0.00 | 21.78 -1.56 0.00 | 21.21 -1.23 0.00 | 23.08 -0.94 0.00 | 24.92 -1.34 0.00 | 25.58 -0.74 0.00 | 26.54 -0.24 0.00 | 27.79 -0.83 0.00 | 28.29 -0.58 0.00 | 27.97 -1.26 0.00 | 29.97 -1.12 0.00 | 33.21 -1.17 0.00 | 35.07 -2.41 0.12 | 35.96 -2.51 0.13 | 34.52 -2.57 0.19 | 33.25 -2.21 0.14 | 31.10 -1.40 0.01 | 30.36 -0.94 0.00 | 26.96 -0.66 0.00 |
| BLACK RIVER___HYD 24047 | 26.15 -0.70 0.00 | 25.30 -0.57 0.00 | 23.91 -0.49 0.00 | 22.57 -0.56 0.00 | 22.16 -0.57 0.00 | 22.38 -0.60 0.00 | 22.67 -0.68 0.00 | 21.84 -0.61 0.00 | 23.25 -0.77 0.00 | 25.58 -0.68 0.00 | 25.50 -0.82 0.00 | 25.95 -0.83 0.00 | 27.64 -0.97 0.00 | 27.91 -0.95 0.00 | 28.27 -0.96 0.00 | 30.06 -1.03 0.00 | 33.55 -0.83 0.00 | 37.06 -0.56 -0.02 | 38.27 -0.35 -0.03 | 37.05 -0.26 -0.03 | 35.33 -0.29 -0.03 | 32.34 -0.16 0.00 | 30.98 -0.31 0.00 | 27.32 -0.30 0.00 |
| BLACKRVR_115KV_TB2 79977 | 26.15 -0.70 0.00 | 25.30 -0.57 0.00 | 23.91 -0.49 0.00 | 22.57 -0.56 0.00 | 22.18 -0.55 0.00 | 22.41 -0.57 0.00 | 22.70 -0.65 0.00 | 21.86 -0.58 0.00 | 23.27 -0.74 0.00 | 25.55 -0.71 0.00 | 25.50 -0.82 0.00 | 25.95 -0.83 0.00 | 27.64 -0.97 0.00 | 27.91 -0.95 0.00 | 28.27 -0.96 0.00 | 30.06 -1.03 0.00 | 33.55 -0.83 0.00 | 37.06 -0.56 -0.02 | 38.27 -0.35 -0.03 | 37.05 -0.26 -0.03 | 35.33 -0.28 -0.03 | 32.34 -0.16 0.00 | 30.98 -0.31 0.00 | 27.32 -0.30 0.00 |
| BLISS_WT_PWR 323608 | 25.19 -1.66 0.00 | 24.11 -1.76 0.00 | 22.89 -1.51 0.00 | 21.71 -1.41 0.00 | 21.34 -1.39 0.00 | 21.49 -1.49 0.00 | 21.71 -1.64 0.00 | 21.21 -1.23 0.00 | 23.06 -0.96 0.00 | 25.05 -1.21 0.00 | 25.61 -0.71 0.00 | 26.49 -0.29 0.00 | 27.85 -0.77 0.00 | 28.23 -0.64 0.00 | 27.92 -1.31 0.00 | 29.90 -1.18 0.00 | 33.14 -1.24 0.00 | 34.99 -2.48 0.12 | 35.88 -2.59 0.13 | 34.52 -2.57 0.19 | 33.18 -2.28 0.14 | 31.06 -1.43 0.01 | 30.29 -1.00 0.00 | 26.90 -0.72 0.00 |
| BLUESTONE___WT_PWR 323821 | 28.01 1.15 0.00 | 27.03 1.17 0.00 | 25.57 1.17 0.00 | 24.14 1.02 0.00 | 23.73 1.00 0.00 | 23.95 0.97 0.00 | 24.31 0.96 0.00 | 23.57 1.12 0.00 | 25.17 1.15 0.00 | 27.76 1.50 0.00 | 27.76 1.45 0.00 | 28.36 1.58 0.00 | 30.19 1.57 0.00 | 30.51 1.64 0.00 | 30.87 1.64 0.00 | 32.76 1.68 0.00 | 36.30 1.92 0.00 | 39.78 2.22 0.03 | 40.88 2.32 0.03 | 39.44 2.16 0.01 | 37.52 1.96 0.03 | 34.42 1.92 0.00 | 33.05 1.75 0.00 | 29.14 1.52 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 27.58 0.73 0.00 | 26.59 0.72 0.00 | 25.03 0.63 0.00 | 23.77 0.65 0.00 | 23.36 0.64 0.00 | 23.62 0.64 0.00 | 24.03 0.68 0.00 | 23.12 0.67 0.00 | 24.69 0.67 0.00 | 26.99 0.74 0.00 | 26.97 0.66 0.00 | 27.34 0.56 0.00 | 29.36 0.74 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.89 0.81 0.00 | 35.20 0.83 0.00 | 38.65 1.05 0.00 | 39.67 1.08 0.00 | 38.37 1.08 0.00 | 36.77 1.17 0.00 | 33.54 1.04 0.00 | 32.27 0.97 0.00 | 28.48 0.86 0.00 |
| BOC_GAS_DRP 24189 | 27.42 0.56 0.00 | 26.38 0.52 0.00 | 24.84 0.44 0.00 | 23.59 0.46 0.00 | 23.18 0.45 0.00 | 23.44 0.46 0.00 | 23.84 0.49 0.00 | 22.99 0.54 0.00 | 24.57 0.55 0.00 | 26.92 0.66 0.00 | 26.92 0.61 0.00 | 27.32 0.54 0.00 | 29.33 0.72 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.86 0.78 0.00 | 35.20 0.83 0.00 | 38.54 0.94 0.00 | 39.52 0.93 0.00 | 38.22 0.93 0.00 | 36.48 0.89 0.00 | 33.35 0.85 0.00 | 32.08 0.78 0.00 | 28.31 0.69 0.00 |
| BOONVILLE_115KV_TB1 79983 | 26.88 0.03 0.00 | 25.97 0.10 0.00 | 24.52 0.12 0.00 | 23.20 0.07 0.00 | 22.80 0.07 0.00 | 23.03 0.05 0.00 | 23.37 0.02 0.00 | 22.54 0.09 0.00 | 24.07 0.05 0.00 | 26.44 0.18 0.00 | 26.45 0.13 0.00 | 26.94 0.16 0.00 | 28.76 0.14 0.00 | 29.04 0.17 0.00 | 29.44 0.20 0.00 | 31.27 0.19 0.00 | 34.79 0.41 0.00 | 38.23 0.64 0.00 | 39.29 0.69 0.00 | 37.96 0.67 0.00 | 36.20 0.61 0.00 | 33.09 0.59 0.00 | 31.77 0.47 0.00 | 28.03 0.41 0.00 |
| BORALEX_4TH_BRANCH 23824 | 28.28 1.42 0.00 | 27.21 1.35 0.00 | 25.57 1.17 0.00 | 24.24 1.11 0.00 | 23.82 1.09 0.00 | 24.11 1.13 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.36 1.34 0.00 | 27.84 1.58 0.00 | 27.76 1.45 0.00 | 28.09 1.31 0.00 | 30.25 1.63 0.00 | 30.42 1.56 0.00 | 30.84 1.61 0.00 | 32.70 1.62 0.00 | 36.10 1.72 0.00 | 39.59 1.99 0.00 | 40.56 1.97 0.00 | 39.22 1.94 0.00 | 37.62 2.03 0.00 | 34.26 1.76 0.00 | 32.95 1.66 0.00 | 29.19 1.57 0.00 |
| BOWLINE___1 23526 | 28.22 1.37 0.00 | 27.11 1.24 0.00 | 25.52 1.12 0.00 | 24.17 1.04 0.00 | 23.73 1.00 0.00 | 24.04 1.06 0.00 | 24.45 1.10 0.00 | 23.64 1.19 0.00 | 25.36 1.34 0.00 | 27.84 1.58 0.00 | 27.95 1.63 0.00 | 28.33 1.55 0.00 | 30.51 1.89 0.00 | 30.80 1.93 0.00 | 31.28 2.05 0.00 | 33.29 2.21 0.00 | 36.82 2.44 0.00 | 40.08 2.48 0.00 | 41.18 2.59 0.00 | 39.67 2.39 0.00 | 37.76 2.17 0.00 | 34.61 2.11 0.00 | 33.27 1.97 0.00 | 29.39 1.77 0.00 |
| BOWLINE___2 23595 | 28.22 1.37 0.00 | 27.11 1.24 0.00 | 25.52 1.12 0.00 | 24.17 1.04 0.00 | 23.73 1.00 0.00 | 24.04 1.06 0.00 | 24.45 1.10 0.00 | 23.64 1.19 0.00 | 25.36 1.34 0.00 | 27.84 1.58 0.00 | 27.95 1.63 0.00 | 28.33 1.55 0.00 | 30.51 1.89 0.00 | 30.80 1.93 0.00 | 31.28 2.05 0.00 | 33.29 2.21 0.00 | 36.82 2.44 0.00 | 40.08 2.48 0.00 | 41.18 2.59 0.00 | 39.67 2.39 0.00 | 37.76 2.17 0.00 | 34.61 2.11 0.00 | 33.27 1.97 0.00 | 29.39 1.77 0.00 |
| BRADY___115KV_TB2 356060 | 26.53 -0.32 0.00 | 25.66 -0.21 0.00 | 24.20 -0.20 0.00 | 22.92 -0.21 0.00 | 22.55 -0.18 0.00 | 22.82 -0.16 0.00 | 23.12 -0.23 0.00 | 22.00 -0.45 0.00 | 23.46 -0.55 0.00 | 25.79 -0.47 0.00 | 25.76 -0.55 0.00 | 26.25 -0.54 0.00 | 27.87 -0.74 0.00 | 28.14 -0.72 0.00 | 28.53 -0.70 0.00 | 30.34 -0.75 0.00 | 33.73 -0.65 0.00 | 36.99 -0.60 0.00 | 38.01 -0.58 0.00 | 36.80 -0.48 0.00 | 35.13 -0.46 0.00 | 32.05 -0.46 0.00 | 30.89 -0.41 0.00 | 27.26 -0.36 0.00 |
| BRANSCOMB___SOLAR 323811 | 28.60 1.74 0.00 | 27.57 1.71 0.00 | 25.91 1.51 0.00 | 24.61 1.48 0.00 | 24.11 1.39 0.00 | 24.45 1.47 0.00 | 24.89 1.54 0.00 | 23.95 1.50 0.00 | 25.67 1.66 0.00 | 28.12 1.86 0.00 | 28.00 1.69 0.00 | 28.47 1.69 0.00 | 30.53 1.92 0.00 | 30.65 1.79 0.00 | 31.01 1.78 0.00 | 33.04 1.96 0.00 | 36.30 1.92 0.00 | 39.97 2.37 0.00 | 41.22 2.63 0.00 | 39.97 2.69 0.00 | 38.54 2.95 0.00 | 35.13 2.63 0.00 | 33.67 2.38 0.00 | 29.66 2.04 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 31.30 2.36 -2.08 | 28.27 2.22 -0.18 | 26.74 1.98 -0.37 | 24.81 1.69 0.00 | 24.41 1.68 0.00 | 24.75 1.77 0.00 | 25.10 1.75 0.00 | 24.15 1.71 0.00 | 26.11 2.09 0.00 | 28.81 2.55 0.00 | 35.61 2.71 -6.59 | 36.52 2.62 -7.11 | 36.97 3.03 -5.32 | 37.53 3.06 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.40 3.71 -3.31 | 42.32 3.95 -0.78 | 42.61 4.01 0.00 | 40.90 3.62 0.00 | 38.79 3.20 0.00 | 37.71 3.41 -1.80 | 35.93 3.19 -1.44 | 34.84 2.87 -4.34 |

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| BRISTLHL_115KV_TB1 79998 | 26.45 -0.40 0.00 | 25.48 -0.39 0.00 | 24.08 -0.32 0.00 | 22.83 -0.30 0.00 | 22.41 -0.32 0.00 | 22.66 -0.32 0.00 | 23.00 -0.35 0.00 | 22.22 -0.22 0.00 | 23.75 -0.26 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.41 -0.37 0.00 | 28.19 -0.43 0.00 | 28.43 -0.43 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.80 -0.58 0.00 | 37.05 -0.64 -0.10 | 38.08 -0.62 -0.10 | 36.84 -0.56 -0.11 | 35.20 -0.50 -0.11 | 31.99 -0.52 -0.01 | 30.83 -0.47 0.00 | 27.15 -0.47 0.00 |
| BROOKHAVEN___DRP 24191 | 31.00 2.07 -2.08 | 27.99 1.94 -0.18 | 26.50 1.73 -0.37 | 24.58 1.46 0.00 | 24.18 1.45 0.00 | 24.57 1.59 0.00 | 24.98 1.63 0.00 | 23.95 1.50 0.00 | 25.87 1.85 0.00 | 28.52 2.26 0.00 | 35.35 2.45 -6.59 | 36.30 2.41 -7.11 | 36.77 2.83 -5.32 | 37.36 2.89 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.34 3.61 -3.35 | 42.18 3.80 -0.78 | 42.46 3.86 -0.01 | 40.75 3.47 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.59 2.85 -1.44 | 34.50 2.54 -4.34 |
| BROOKLYN_NAVY_YARD 23515 | 28.52 1.67 0.00 | 27.39 1.53 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.95 1.23 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.93 1.48 0.00 | 25.70 1.68 0.00 | 28.20 1.94 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.23 2.94 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.80 2.18 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| BROOKVLE_69_KV_TB1 55790 | 31.16 2.23 -2.08 | 28.12 2.07 -0.18 | 26.57 1.81 -0.37 | 24.70 1.57 0.00 | 24.30 1.57 0.00 | 24.59 1.61 0.00 | 24.94 1.59 0.00 | 24.08 1.64 0.00 | 25.99 1.97 0.00 | 28.70 2.44 0.00 | 35.48 2.58 -6.59 | 36.46 2.57 -7.11 | 36.95 3.00 -5.32 | 37.53 3.06 -5.61 | 37.87 3.22 -5.43 | 38.18 3.42 -3.68 | 41.46 3.78 -3.30 | 42.24 3.87 -0.78 | 42.53 3.94 0.00 | 40.90 3.62 0.00 | 38.79 3.20 0.00 | 37.61 3.32 -1.80 | 35.77 3.04 -1.44 | 34.67 2.71 -4.34 |
| BROOME_2_LFGE 323671 | 26.96 0.11 0.00 | 25.92 0.05 0.00 | 24.50 0.10 0.00 | 23.20 0.07 0.00 | 22.80 0.07 0.00 | 23.00 0.02 0.00 | 23.35 0.00 0.00 | 22.60 0.16 0.00 | 24.19 0.17 0.00 | 26.44 0.19 0.00 | 26.58 0.26 0.00 | 27.18 0.40 0.00 | 29.02 0.40 0.00 | 29.30 0.43 0.00 | 29.55 0.32 0.00 | 31.46 0.37 0.00 | 34.79 0.41 0.00 | 37.86 0.30 0.04 | 38.86 0.31 0.04 | 37.54 0.30 0.04 | 35.83 0.28 0.04 | 32.86 0.36 0.00 | 31.67 0.38 0.00 | 27.95 0.33 0.00 |
| BROOME___LFGE 323600 | 26.96 0.11 0.00 | 25.92 0.05 0.00 | 24.50 0.10 0.00 | 23.20 0.07 0.00 | 22.80 0.07 0.00 | 23.00 0.02 0.00 | 23.35 0.00 0.00 | 22.60 0.16 0.00 | 24.19 0.17 0.00 | 26.44 0.19 0.00 | 26.58 0.26 0.00 | 27.18 0.40 0.00 | 29.02 0.40 0.00 | 29.30 0.43 0.00 | 29.55 0.32 0.00 | 31.46 0.37 0.00 | 34.79 0.41 0.00 | 37.86 0.30 0.04 | 38.86 0.31 0.04 | 37.54 0.30 0.04 | 35.83 0.28 0.04 | 32.86 0.36 0.00 | 31.67 0.38 0.00 | 27.95 0.33 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.51 -0.84 0.00 | 21.53 -0.92 0.00 | 22.96 -1.06 0.00 | 25.26 -1.00 0.00 | 25.24 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.25 -1.13 0.00 | 36.58 -1.02 0.00 | 37.63 -0.96 0.00 | 36.39 -0.89 0.00 | 34.70 -0.89 0.00 | 31.69 -0.81 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 28.81 1.96 0.00 | 27.62 1.76 0.00 | 25.89 1.49 0.00 | 24.51 1.39 0.00 | 24.11 1.39 0.00 | 24.41 1.42 0.00 | 24.82 1.47 0.00 | 24.06 1.62 0.00 | 25.84 1.83 0.00 | 28.44 2.18 0.00 | 28.55 2.24 0.00 | 28.95 2.17 0.00 | 31.22 2.60 0.00 | 31.52 2.66 0.00 | 32.01 2.78 0.00 | 34.07 2.98 0.00 | 37.68 3.30 0.00 | 40.98 3.38 0.00 | 42.10 3.51 0.00 | 40.64 3.36 0.00 | 38.62 3.03 0.00 | 35.39 2.89 0.00 | 33.99 2.69 0.00 | 30.05 2.43 0.00 |
| BURROWS___LYONSDAL 23803 | 26.66 -0.19 0.00 | 25.76 -0.10 0.00 | 24.33 -0.07 0.00 | 22.99 -0.14 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.16 -0.19 0.00 | 22.31 -0.13 0.00 | 23.83 -0.19 0.00 | 26.21 -0.05 0.00 | 26.18 -0.13 0.00 | 26.67 -0.11 0.00 | 28.47 -0.14 0.00 | 28.78 -0.09 0.00 | 29.17 -0.06 0.00 | 30.99 -0.09 0.00 | 34.55 0.17 0.00 | 38.01 0.41 0.00 | 39.06 0.46 0.00 | 37.73 0.45 0.00 | 35.98 0.39 0.00 | 32.92 0.42 0.00 | 31.61 0.31 0.00 | 27.87 0.25 0.00 |
| CAITHNESS_CC_1 323624 | 30.97 2.04 -2.08 | 27.96 1.91 -0.18 | 26.55 1.78 -0.37 | 24.63 1.50 0.00 | 24.18 1.46 0.00 | 24.61 1.63 0.00 | 25.01 1.66 0.00 | 23.97 1.53 0.00 | 25.89 1.87 0.00 | 28.47 2.21 0.00 | 35.30 2.39 -6.59 | 36.25 2.36 -7.11 | 36.69 2.75 -5.32 | 37.31 2.83 -5.61 | 37.61 2.95 -5.43 | 37.93 3.17 -3.68 | 41.24 3.51 -3.35 | 42.07 3.69 -0.78 | 42.34 3.74 -0.01 | 40.60 3.32 0.00 | 38.51 2.92 0.00 | 37.42 3.12 -1.80 | 35.52 2.78 -1.44 | 34.48 2.51 -4.34 |
| CALPINE BETH_PAGE_GT4 24209 | 30.95 2.01 -2.08 | 27.91 1.86 -0.18 | 26.40 1.63 -0.37 | 24.51 1.39 0.00 | 24.11 1.39 0.00 | 24.43 1.45 0.00 | 24.77 1.42 0.00 | 23.91 1.46 0.00 | 25.79 1.78 0.00 | 28.47 2.21 0.00 | 35.22 2.32 -6.59 | 36.17 2.28 -7.11 | 36.63 2.69 -5.32 | 37.22 2.74 -5.61 | 37.49 2.84 -5.43 | 37.81 3.05 -3.68 | 41.05 3.37 -3.30 | 41.87 3.50 -0.78 | 42.10 3.51 0.00 | 40.49 3.21 0.00 | 38.40 2.81 0.00 | 37.29 2.99 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| CALPINE_BETH_PAGE_GT_4 323586 | 30.95 2.01 -2.08 | 27.91 1.86 -0.18 | 26.45 1.68 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.50 1.52 0.00 | 24.87 1.52 0.00 | 23.95 1.50 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.22 2.32 -6.59 | 36.17 2.28 -7.11 | 36.60 2.66 -5.32 | 37.22 2.74 -5.61 | 37.49 2.83 -5.43 | 37.81 3.05 -3.68 | 41.05 3.37 -3.30 | 41.83 3.46 -0.78 | 42.10 3.51 0.00 | 40.45 3.17 0.00 | 38.40 2.81 0.00 | 37.28 2.99 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| CALPINE_BP_GT1 23823 | 30.95 2.01 -2.08 | 27.91 1.86 -0.18 | 26.45 1.68 -0.37 | 24.58 1.46 0.00 | 24.14 1.41 0.00 | 24.50 1.52 0.00 | 24.87 1.52 0.00 | 23.95 1.50 0.00 | 25.84 1.82 0.00 | 28.44 2.18 0.00 | 35.22 2.32 -6.59 | 36.17 2.28 -7.11 | 36.60 2.66 -5.32 | 37.22 2.74 -5.61 | 37.49 2.83 -5.43 | 37.81 3.05 -3.68 | 41.05 3.37 -3.30 | 41.83 3.46 -0.78 | 42.10 3.51 0.00 | 40.45 3.17 0.00 | 38.40 2.81 0.00 | 37.28 2.99 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| CALSPAN___DRP 24200 | 25.43 -1.42 0.00 | 24.39 -1.47 0.00 | 23.06 -1.34 0.00 | 21.92 -1.20 0.00 | 21.43 -1.30 0.00 | 21.63 -1.36 0.00 | 21.78 -1.56 0.00 | 21.23 -1.21 0.00 | 23.06 -0.96 0.00 | 24.97 -1.29 0.00 | 25.55 -0.76 0.00 | 26.57 -0.21 0.00 | 27.84 -0.77 0.00 | 28.26 -0.61 0.00 | 28.03 -1.20 0.00 | 29.93 -1.15 0.00 | 33.11 -1.27 0.00 | 35.44 -2.03 0.13 | 36.34 -2.12 0.13 | 34.71 -2.39 0.19 | 33.45 -1.99 0.14 | 30.97 -1.53 0.01 | 30.26 -1.03 0.00 | 26.90 -0.72 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CALVERTON___SOLAR 323806 | 31.08 2.15 -2.08 | 28.07 2.02 -0.18 | 26.64 1.88 -0.37 | 24.70 1.57 0.00 | 24.25 1.52 0.00 | 24.71 1.72 0.00 | 25.12 1.77 0.00 | 24.04 1.59 0.00 | 25.96 1.94 0.00 | 28.57 2.31 0.00 | 35.45 2.55 -6.59 | 36.44 2.55 -7.11 | 36.89 2.95 -5.32 | 37.51 3.03 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.55 3.82 -3.35 | 42.36 3.98 -0.79 | 42.65 4.05 -0.01 | 40.86 3.58 0.00 | 38.76 3.17 0.00 | 37.64 3.35 -1.80 | 35.68 2.94 -1.44 | 34.59 2.63 -4.34 |
| CANDIGU_WT_PWR 323617 | 25.54 -1.32 0.00 | 24.44 -1.42 0.00 | 23.16 -1.24 0.00 | 21.90 -1.23 0.00 | 21.55 -1.18 0.00 | 21.65 -1.33 0.00 | 21.90 -1.45 0.00 | 21.35 -1.10 0.00 | 22.99 -1.03 0.00 | 25.08 -1.18 0.00 | 25.45 -0.87 0.00 | 26.38 -0.40 0.00 | 27.87 -0.74 0.00 | 28.20 -0.66 0.00 | 28.12 -1.11 0.00 | 30.06 -1.03 0.00 | 33.28 -1.10 0.00 | 35.69 -1.80 0.10 | 36.68 -1.81 0.10 | 35.38 -1.71 0.19 | 33.88 -1.60 0.11 | 31.42 -1.07 0.01 | 30.51 -0.78 0.00 | 27.04 -0.58 0.00 |
| CARR STREET_E_SYR 24060 | 26.67 -0.19 0.00 | 25.66 -0.21 0.00 | 24.23 -0.17 0.00 | 22.94 -0.19 0.00 | 22.57 -0.16 0.00 | 22.77 -0.21 0.00 | 23.12 -0.23 0.00 | 22.36 -0.09 0.00 | 23.92 -0.10 0.00 | 26.10 -0.16 0.00 | 26.18 -0.13 0.00 | 26.73 -0.05 0.00 | 28.59 -0.03 0.00 | 28.81 -0.06 0.00 | 29.11 -0.12 0.00 | 30.96 -0.12 0.00 | 34.24 -0.14 0.00 | 37.35 -0.19 0.06 | 38.38 -0.15 0.06 | 37.11 -0.11 0.07 | 35.38 -0.14 0.07 | 32.34 -0.16 0.00 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| CARTHAGE___PAPER 23857 | 26.02 -0.83 0.00 | 25.17 -0.70 0.00 | 23.76 -0.63 0.00 | 22.43 -0.69 0.00 | 22.05 -0.68 0.00 | 22.27 -0.71 0.00 | 22.58 -0.77 0.00 | 21.71 -0.74 0.00 | 23.13 -0.89 0.00 | 25.42 -0.84 0.00 | 25.37 -0.95 0.00 | 25.79 -0.99 0.00 | 27.53 -1.09 0.00 | 27.77 -1.10 0.00 | 28.18 -1.05 0.00 | 29.94 -1.15 0.00 | 33.49 -0.89 0.00 | 36.96 -0.64 0.00 | 38.13 -0.46 0.00 | 36.91 -0.37 0.00 | 35.20 -0.39 0.00 | 32.21 -0.29 0.00 | 30.89 -0.41 0.00 | 27.21 -0.41 0.00 |
| CASSADAGA_WT_PWR 323784 | 25.64 -1.21 0.00 | 24.55 -1.32 0.00 | 23.40 -1.00 0.00 | 22.09 -1.04 0.00 | 21.77 -0.95 0.00 | 21.86 -1.13 0.00 | 22.09 -1.26 0.00 | 21.62 -0.83 0.00 | 23.47 -0.55 0.00 | 25.58 -0.68 0.00 | 26.10 -0.21 0.00 | 27.08 0.30 0.00 | 28.50 -0.11 0.00 | 28.89 0.03 0.00 | 28.65 -0.58 0.00 | 30.62 -0.47 0.00 | 33.90 -0.48 0.00 | 36.15 -1.32 0.12 | 37.08 -1.39 0.13 | 35.60 -1.49 0.19 | 34.10 -1.35 0.14 | 31.91 -0.58 0.01 | 31.14 -0.16 0.00 | 27.65 0.03 0.00 |
| CE_DUNWOOD___DRP 24194 | 28.41 1.56 0.00 | 27.29 1.42 0.00 | 25.59 1.20 0.00 | 24.24 1.11 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.54 1.19 0.00 | 23.75 1.30 0.00 | 25.51 1.49 0.00 | 28.05 1.79 0.00 | 28.16 1.84 0.00 | 28.52 1.74 0.00 | 30.73 2.12 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.51 2.42 0.00 | 37.06 2.68 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 37.98 2.38 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.61 1.99 0.00 |
| CE_MILLWOOD___DRP 24193 | 28.36 1.50 0.00 | 27.24 1.37 0.00 | 25.57 1.17 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.11 1.13 0.00 | 24.49 1.14 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.99 1.73 0.00 | 28.10 1.79 0.00 | 28.47 1.69 0.00 | 30.68 2.06 0.00 | 30.94 2.08 0.00 | 31.42 2.19 0.00 | 33.45 2.36 0.00 | 36.96 2.58 0.00 | 40.23 2.63 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.91 2.31 0.00 | 34.78 2.28 0.00 | 33.42 2.13 0.00 | 29.53 1.91 0.00 |
| CE_NYC2_DRP 24202 | 28.60 1.75 0.00 | 27.47 1.60 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.26 2.40 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| CE_NYC_DRP 24195 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.66 1.31 0.00 | 23.88 1.44 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.26 2.40 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.37 2.99 0.00 | 40.64 3.05 0.00 | 41.72 3.13 0.00 | 40.30 3.02 0.00 | 38.23 2.63 0.00 | 35.10 2.60 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| CHAFFEE___LFGE 323603 | 25.56 -1.29 0.00 | 24.47 -1.40 0.00 | 23.20 -1.19 0.00 | 21.92 -1.20 0.00 | 21.59 -1.14 0.00 | 21.65 -1.33 0.00 | 21.81 -1.54 0.00 | 21.32 -1.12 0.00 | 23.13 -0.89 0.00 | 25.21 -1.05 0.00 | 25.68 -0.63 0.00 | 26.65 -0.13 0.00 | 28.05 -0.57 0.00 | 28.37 -0.49 0.00 | 28.15 -1.08 0.00 | 30.03 -1.06 0.00 | 33.25 -1.13 0.00 | 35.55 -1.92 0.13 | 36.42 -2.05 0.13 | 35.04 -2.05 0.19 | 33.53 -1.92 0.14 | 31.13 -1.36 0.01 | 30.36 -0.94 0.00 | 26.99 -0.63 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 26.32 -0.54 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.73 -0.39 0.00 | 22.32 -0.41 0.00 | 22.64 -0.34 0.00 | 22.98 -0.37 0.00 | 21.91 -0.54 0.00 | 23.42 -0.60 0.00 | 25.84 -0.42 0.00 | 25.89 -0.42 0.00 | 26.46 -0.32 0.00 | 28.16 -0.46 0.00 | 28.43 -0.43 0.00 | 28.82 -0.41 0.00 | 30.62 -0.47 0.00 | 34.07 -0.31 0.00 | 37.37 -0.23 0.00 | 38.28 -0.31 0.00 | 37.02 -0.26 0.00 | 35.16 -0.43 0.00 | 32.01 -0.49 0.00 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| CHATEAUG_WT_PWR 323614 | 26.29 -0.57 0.00 | 25.40 -0.46 0.00 | 23.96 -0.44 0.00 | 22.73 -0.39 0.00 | 22.30 -0.43 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.07 -0.31 0.00 | 37.37 -0.22 0.00 | 38.24 -0.35 0.00 | 36.98 -0.30 0.00 | 35.09 -0.50 0.00 | 31.95 -0.55 0.00 | 30.95 -0.34 0.00 | 27.29 -0.33 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 26.32 -0.54 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.73 -0.39 0.00 | 22.32 -0.41 0.00 | 22.64 -0.34 0.00 | 22.98 -0.37 0.00 | 21.91 -0.54 0.00 | 23.42 -0.60 0.00 | 25.84 -0.42 0.00 | 25.89 -0.42 0.00 | 26.46 -0.32 0.00 | 28.16 -0.46 0.00 | 28.43 -0.43 0.00 | 28.82 -0.41 0.00 | 30.62 -0.47 0.00 | 34.07 -0.31 0.00 | 37.37 -0.23 0.00 | 38.28 -0.31 0.00 | 37.02 -0.26 0.00 | 35.16 -0.43 0.00 | 32.01 -0.49 0.00 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| CHAUTAUQUA___LFGE 323629 | 25.73 -1.13 0.00 | 24.62 -1.24 0.00 | 23.40 -1.00 0.00 | 22.11 -1.02 0.00 | 21.77 -0.95 0.00 | 21.83 -1.15 0.00 | 22.04 -1.31 0.00 | 21.55 -0.90 0.00 | 23.37 -0.65 0.00 | 25.45 -0.81 0.00 | 25.95 -0.37 0.00 | 26.92 0.13 0.00 | 28.33 -0.29 0.00 | 28.66 -0.20 0.00 | 28.44 -0.79 0.00 | 30.40 -0.68 0.00 | 33.62 -0.76 0.00 | 35.96 -1.50 0.13 | 36.92 -1.54 0.13 | 35.45 -1.64 0.19 | 33.96 -1.49 0.14 | 31.55 -0.94 0.01 | 30.79 -0.50 0.00 | 27.32 -0.30 0.00 |
| CHERRYST_13_KV_LD 356241 | 28.62 1.77 0.00 | 27.50 1.63 0.00 | 25.79 1.39 0.00 | 24.42 1.30 0.00 | 24.02 1.30 0.00 | 24.31 1.33 0.00 | 24.73 1.38 0.00 | 23.97 1.53 0.00 | 25.75 1.73 0.00 | 28.33 2.07 0.00 | 28.42 2.11 0.00 | 28.82 2.04 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.86 2.63 0.00 | 33.88 2.80 0.00 | 37.47 3.09 0.00 | 40.75 3.16 0.00 | 41.87 3.28 0.00 | 40.42 3.13 0.00 | 38.33 2.74 0.00 | 35.20 2.70 0.00 | 33.80 2.50 0.00 | 29.88 2.26 0.00 |

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| CHESTROR_138KV_BK263 355645 | 28.03 1.18 0.00 | 26.93 1.06 0.00 | 25.33 0.93 0.00 | 23.98 0.86 0.00 | 23.57 0.84 0.00 | 23.85 0.87 0.00 | 24.24 0.89 0.00 | 23.41 0.97 0.00 | 25.12 1.10 0.00 | 27.60 1.34 0.00 | 27.68 1.37 0.00 | 28.07 1.29 0.00 | 30.25 1.63 0.00 | 30.48 1.62 0.00 | 30.96 1.72 0.00 | 32.92 1.83 0.00 | 36.41 2.03 0.00 | 39.70 2.11 0.00 | 40.79 2.20 0.00 | 39.37 2.09 0.00 | 37.44 1.85 0.00 | 34.32 1.82 0.00 | 32.95 1.66 0.00 | 29.14 1.52 0.00 |
| CH_MIDHUDSON___DRP 24192 | 28.25 1.40 0.00 | 27.16 1.29 0.00 | 25.52 1.12 0.00 | 24.17 1.04 0.00 | 23.77 1.05 0.00 | 24.06 1.08 0.00 | 24.45 1.10 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.86 1.60 0.00 | 27.95 1.63 0.00 | 28.31 1.53 0.00 | 30.51 1.89 0.00 | 30.74 1.88 0.00 | 31.22 1.99 0.00 | 33.20 2.11 0.00 | 36.72 2.34 0.00 | 40.04 2.44 0.00 | 41.10 2.51 0.00 | 39.71 2.42 0.00 | 37.80 2.21 0.00 | 34.61 2.11 0.00 | 33.27 1.97 0.00 | 29.39 1.77 0.00 |
| CH_MISC_IPPS 23765 | 28.36 1.50 0.00 | 27.26 1.40 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.89 1.16 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.42 1.63 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.34 2.11 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.27 2.67 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.98 2.38 0.00 | 34.77 2.27 0.00 | 33.42 2.13 0.00 | 29.52 1.90 0.00 |
| CH_RES_BVR_FALLS 23983 | 25.97 -0.89 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.43 -0.69 0.00 | 22.05 -0.68 0.00 | 22.29 -0.69 0.00 | 22.65 -0.70 0.00 | 21.71 -0.74 0.00 | 23.25 -0.77 0.00 | 25.47 -0.79 0.00 | 25.53 -0.79 0.00 | 26.00 -0.78 0.00 | 27.76 -0.86 0.00 | 28.03 -0.84 0.00 | 28.44 -0.79 0.00 | 30.31 -0.78 0.00 | 33.59 -0.79 0.00 | 36.77 -0.83 0.00 | 37.74 -0.85 0.00 | 36.46 -0.82 0.00 | 34.77 -0.82 0.00 | 31.72 -0.78 0.00 | 30.58 -0.72 0.00 | 26.99 -0.63 0.00 |
| CH_RES_NIAGARA 23895 | 24.70 -2.15 0.00 | 23.72 -2.15 0.00 | 22.45 -1.95 0.00 | 21.32 -1.80 0.00 | 20.84 -1.89 0.00 | 21.03 -1.95 0.00 | 21.18 -2.17 0.00 | 20.67 -1.77 0.00 | 22.43 -1.59 0.00 | 24.29 -1.97 0.00 | 24.79 -1.53 0.00 | 25.79 -0.99 0.00 | 26.99 -1.63 0.00 | 27.33 -1.53 0.00 | 27.10 -2.13 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.56 -2.89 0.14 | 35.40 -3.05 0.14 | 33.81 -3.28 0.19 | 32.66 -2.78 0.15 | 29.92 -2.57 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| CH_RES_SYRACUSE 23985 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.37 -0.02 0.00 | 23.08 -0.05 0.00 | 22.71 -0.02 0.00 | 22.91 -0.07 0.00 | 23.26 -0.09 0.00 | 22.51 0.07 0.00 | 24.04 0.02 0.00 | 26.26 0.00 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.63 0.04 0.00 | 38.63 0.04 0.00 | 37.36 0.07 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| CLINTON_WT_PWR 323605 | 26.29 -0.57 0.00 | 25.40 -0.46 0.00 | 23.96 -0.44 0.00 | 22.73 -0.39 0.00 | 22.30 -0.43 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.07 -0.31 0.00 | 37.37 -0.22 0.00 | 38.24 -0.35 0.00 | 36.98 -0.30 0.00 | 35.09 -0.50 0.00 | 31.95 -0.55 0.00 | 30.95 -0.34 0.00 | 27.29 -0.33 0.00 |
| CLINTON___LFGE 323618 | 26.83 -0.03 0.00 | 25.94 0.08 0.00 | 24.45 0.05 0.00 | 23.20 0.07 0.00 | 22.77 0.05 0.00 | 23.10 0.12 0.00 | 23.44 0.09 0.00 | 22.36 -0.09 0.00 | 23.97 -0.05 0.00 | 26.42 0.16 0.00 | 26.50 0.19 0.00 | 27.08 0.30 0.00 | 28.82 0.20 0.00 | 29.12 0.26 0.00 | 29.49 0.26 0.00 | 31.33 0.25 0.00 | 34.90 0.52 0.00 | 38.31 0.71 0.00 | 39.21 0.62 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.70 0.41 0.00 | 27.92 0.30 0.00 |
| COBBLENY_34_KV_TB1 80064 | 25.48 -1.37 0.00 | 24.42 -1.45 0.00 | 23.11 -1.29 0.00 | 21.95 -1.18 0.00 | 21.48 -1.25 0.00 | 21.65 -1.33 0.00 | 21.83 -1.52 0.00 | 21.28 -1.17 0.00 | 23.13 -0.89 0.00 | 25.03 -1.23 0.00 | 25.63 -0.68 0.00 | 26.65 -0.13 0.00 | 27.93 -0.69 0.00 | 28.37 -0.49 0.00 | 28.12 -1.11 0.00 | 30.03 -1.06 0.00 | 33.25 -1.13 0.00 | 35.51 -1.95 0.13 | 36.42 -2.05 0.13 | 34.78 -2.31 0.19 | 33.53 -1.92 0.14 | 31.10 -1.40 0.01 | 30.36 -0.94 0.00 | 26.98 -0.64 0.00 |
| COFFEEN___115KV_TB3 355620 | 26.32 -0.54 0.00 | 25.48 -0.39 0.00 | 24.08 -0.32 0.00 | 22.73 -0.39 0.00 | 22.32 -0.41 0.00 | 22.54 -0.44 0.00 | 22.84 -0.51 0.00 | 21.98 -0.47 0.00 | 23.39 -0.62 0.00 | 25.71 -0.55 0.00 | 25.63 -0.68 0.00 | 26.08 -0.70 0.00 | 27.79 -0.83 0.00 | 28.03 -0.84 0.00 | 28.41 -0.82 0.00 | 30.21 -0.87 0.00 | 33.73 -0.65 0.00 | 37.28 -0.34 0.00 | 38.50 -0.12 0.00 | 37.31 0.00 -0.03 | 35.59 -0.04 -0.03 | 32.57 0.06 -0.03 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| COLDSPRG_115KV_BK1 355956 | 25.83 -1.02 0.00 | 24.75 -1.11 0.00 | 23.47 -0.93 0.00 | 22.29 -0.83 0.00 | 21.84 -0.89 0.00 | 22.02 -0.97 0.00 | 22.25 -1.10 0.00 | 21.68 -0.76 0.00 | 23.56 -0.46 0.00 | 25.47 -0.79 0.00 | 26.16 -0.16 0.00 | 27.18 0.40 0.00 | 28.50 -0.11 0.00 | 29.01 0.14 0.00 | 28.76 -0.47 0.00 | 30.74 -0.34 0.00 | 34.10 -0.28 0.00 | 35.97 -1.50 0.12 | 36.96 -1.51 0.12 | 35.34 -1.75 0.19 | 34.00 -1.46 0.13 | 31.91 -0.59 0.01 | 31.14 -0.16 0.00 | 27.67 0.06 0.00 |
| COLONIE_LFGE___ 323577 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.38 0.98 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.95 0.97 0.00 | 24.40 1.05 0.00 | 23.50 1.06 0.00 | 25.15 1.13 0.00 | 27.55 1.29 0.00 | 27.50 1.19 0.00 | 27.91 1.12 0.00 | 29.96 1.35 0.00 | 30.16 1.30 0.00 | 30.55 1.32 0.00 | 32.49 1.40 0.00 | 35.79 1.41 0.00 | 39.29 1.69 0.00 | 40.33 1.74 0.00 | 39.00 1.72 0.00 | 37.41 1.81 0.00 | 34.12 1.62 0.00 | 32.77 1.47 0.00 | 28.95 1.33 0.00 |
| COOPERNY_115KV_TB1 80082 | 27.71 0.86 0.00 | 26.64 0.78 0.00 | 25.08 0.68 0.00 | 23.75 0.62 0.00 | 23.34 0.61 0.00 | 23.60 0.62 0.00 | 24.00 0.65 0.00 | 23.19 0.74 0.00 | 24.83 0.82 0.00 | 27.28 1.02 0.00 | 27.37 1.05 0.00 | 27.77 0.99 0.00 | 29.85 1.23 0.00 | 30.10 1.24 0.00 | 30.55 1.32 0.00 | 32.48 1.40 0.00 | 35.93 1.55 0.00 | 39.17 1.58 0.00 | 40.25 1.66 0.00 | 38.85 1.57 0.00 | 36.98 1.39 0.00 | 33.83 1.33 0.00 | 32.52 1.22 0.00 | 28.75 1.13 0.00 |
| COPENHAGEN_WT_PWR 323753 | 26.18 -0.67 0.00 | 25.32 -0.54 0.00 | 23.91 -0.49 0.00 | 22.57 -0.56 0.00 | 22.18 -0.55 0.00 | 22.41 -0.57 0.00 | 22.70 -0.65 0.00 | 21.86 -0.58 0.00 | 23.30 -0.72 0.00 | 25.58 -0.68 0.00 | 25.53 -0.79 0.00 | 25.98 -0.80 0.00 | 27.70 -0.92 0.00 | 27.94 -0.92 0.00 | 28.33 -0.91 0.00 | 30.09 -1.00 0.00 | 33.59 -0.79 0.00 | 37.06 -0.56 -0.03 | 38.24 -0.39 -0.03 | 37.02 -0.30 -0.03 | 35.30 -0.32 -0.03 | 32.31 -0.19 0.00 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| CORNELL_____ 23752 | 27.26 0.40 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.45 0.32 0.00 | 23.05 0.32 0.00 | 23.26 0.28 0.00 | 23.63 0.28 0.00 | 22.87 0.43 0.00 | 24.40 0.38 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.32 0.54 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.73 0.50 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.23 0.68 0.04 | 39.36 0.81 0.04 | 38.25 0.86 -0.11 | 36.40 0.85 0.04 | 33.28 0.78 0.00 | 32.08 0.78 0.00 | 28.23 0.61 0.00 |

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| CORONA_69_KV_TB1 355595 | 31.08 2.15 -2.08 | 28.04 1.99 -0.18 | 26.52 1.76 -0.37 | 24.65 1.53 0.00 | 24.25 1.52 0.00 | 24.54 1.56 0.00 | 24.91 1.56 0.00 | 24.04 1.59 0.00 | 25.94 1.92 0.00 | 28.60 2.34 0.00 | 35.32 2.42 -6.59 | 36.28 2.38 -7.11 | 36.74 2.80 -5.32 | 37.33 2.86 -5.61 | 37.61 2.95 -5.43 | 37.93 3.17 -3.68 | 41.18 3.51 -3.30 | 41.98 3.61 -0.78 | 42.26 3.67 0.00 | 40.68 3.39 0.00 | 38.62 3.03 0.00 | 37.42 3.12 -1.80 | 35.68 2.94 -1.44 | 34.59 2.62 -4.34 |
| CORTLAND_115KV_TB3 80093 | 27.12 0.27 0.00 | 26.10 0.23 0.00 | 24.67 0.27 0.00 | 23.36 0.23 0.00 | 22.93 0.20 0.00 | 23.17 0.18 0.00 | 23.54 0.19 0.00 | 22.76 0.31 0.00 | 24.28 0.26 0.00 | 26.52 0.26 0.00 | 26.60 0.29 0.00 | 27.18 0.40 0.00 | 29.02 0.40 0.00 | 29.30 0.43 0.00 | 29.61 0.38 0.00 | 31.52 0.44 0.00 | 34.86 0.48 0.00 | 38.09 0.53 0.03 | 39.14 0.58 0.03 | 37.89 0.60 -0.01 | 36.13 0.57 0.04 | 33.02 0.52 0.00 | 31.83 0.53 0.00 | 28.03 0.41 0.00 |
| COXSACKIE___GT 23611 | 28.27 1.42 0.00 | 27.26 1.40 0.00 | 25.74 1.34 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.27 1.29 0.00 | 24.59 1.24 0.00 | 23.48 1.03 0.00 | 25.10 1.08 0.00 | 27.36 1.10 0.00 | 27.29 0.97 0.00 | 27.64 0.86 0.00 | 29.73 1.11 0.00 | 29.81 0.95 0.00 | 30.28 1.05 0.00 | 32.33 1.24 0.00 | 35.82 1.44 0.00 | 39.59 1.99 0.00 | 40.71 2.12 0.00 | 39.56 2.27 0.00 | 38.01 2.42 0.00 | 34.55 2.05 0.00 | 33.20 1.91 0.00 | 29.25 1.63 0.00 |
| CPV_VALLEY___CC1 323721 | 27.85 0.99 0.00 | 26.77 0.90 0.00 | 25.20 0.80 0.00 | 23.87 0.74 0.00 | 23.46 0.73 0.00 | 23.74 0.76 0.00 | 24.14 0.79 0.00 | 23.30 0.85 0.00 | 25.00 0.99 0.00 | 27.41 1.15 0.00 | 27.53 1.21 0.00 | 27.91 1.12 0.00 | 30.02 1.40 0.00 | 30.31 1.44 0.00 | 30.75 1.52 0.00 | 32.67 1.58 0.00 | 36.17 1.79 0.00 | 39.40 1.80 0.00 | 40.48 1.89 0.00 | 39.04 1.75 0.00 | 37.19 1.60 0.00 | 34.06 1.56 0.00 | 32.74 1.44 0.00 | 28.95 1.33 0.00 |
| CPV_VALLEY___CC2 323722 | 27.85 0.99 0.00 | 26.77 0.90 0.00 | 25.20 0.80 0.00 | 23.87 0.74 0.00 | 23.46 0.73 0.00 | 23.74 0.76 0.00 | 24.14 0.79 0.00 | 23.30 0.85 0.00 | 25.00 0.99 0.00 | 27.41 1.15 0.00 | 27.53 1.21 0.00 | 27.91 1.12 0.00 | 30.02 1.40 0.00 | 30.31 1.44 0.00 | 30.75 1.52 0.00 | 32.67 1.58 0.00 | 36.17 1.79 0.00 | 39.40 1.80 0.00 | 40.48 1.89 0.00 | 39.04 1.75 0.00 | 37.19 1.60 0.00 | 34.06 1.56 0.00 | 32.74 1.44 0.00 | 28.95 1.33 0.00 |
| CRESCENT___HYD 24018 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.38 0.98 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.95 0.97 0.00 | 24.40 1.05 0.00 | 23.50 1.06 0.00 | 25.15 1.13 0.00 | 27.55 1.29 0.00 | 27.50 1.19 0.00 | 27.91 1.12 0.00 | 29.96 1.35 0.00 | 30.16 1.30 0.00 | 30.55 1.32 0.00 | 32.49 1.40 0.00 | 35.79 1.41 0.00 | 39.29 1.69 0.00 | 40.33 1.74 0.00 | 39.00 1.72 0.00 | 37.41 1.81 0.00 | 34.12 1.62 0.00 | 32.77 1.47 0.00 | 28.95 1.33 0.00 |
| CRICKET___VALLEY_CC1 323756 | 28.09 1.24 0.00 | 27.03 1.17 0.00 | 25.45 1.05 0.00 | 24.12 0.99 0.00 | 23.68 0.95 0.00 | 23.99 1.01 0.00 | 24.45 1.10 0.00 | 23.59 1.14 0.00 | 25.27 1.25 0.00 | 27.70 1.44 0.00 | 27.74 1.42 0.00 | 28.09 1.31 0.00 | 30.25 1.63 0.00 | 30.51 1.64 0.00 | 30.96 1.72 0.00 | 32.89 1.80 0.00 | 36.34 1.96 0.00 | 39.66 2.07 0.00 | 40.67 2.08 0.00 | 39.26 1.97 0.00 | 37.48 1.89 0.00 | 34.29 1.79 0.00 | 32.98 1.69 0.00 | 29.17 1.55 0.00 |
| CRICKET___VALLEY_CC2 323757 | 28.09 1.24 0.00 | 27.03 1.17 0.00 | 25.45 1.05 0.00 | 24.12 0.99 0.00 | 23.68 0.95 0.00 | 23.99 1.01 0.00 | 24.45 1.10 0.00 | 23.59 1.14 0.00 | 25.27 1.25 0.00 | 27.70 1.44 0.00 | 27.74 1.42 0.00 | 28.09 1.31 0.00 | 30.25 1.63 0.00 | 30.51 1.64 0.00 | 30.96 1.72 0.00 | 32.89 1.80 0.00 | 36.34 1.96 0.00 | 39.66 2.07 0.00 | 40.67 2.08 0.00 | 39.26 1.97 0.00 | 37.48 1.89 0.00 | 34.29 1.79 0.00 | 32.98 1.69 0.00 | 29.17 1.55 0.00 |
| CRICKET___VALLEY_CC3 323758 | 28.09 1.24 0.00 | 27.03 1.17 0.00 | 25.45 1.05 0.00 | 24.12 0.99 0.00 | 23.68 0.95 0.00 | 23.99 1.01 0.00 | 24.45 1.10 0.00 | 23.59 1.14 0.00 | 25.27 1.25 0.00 | 27.70 1.44 0.00 | 27.74 1.42 0.00 | 28.09 1.31 0.00 | 30.25 1.63 0.00 | 30.51 1.64 0.00 | 30.96 1.72 0.00 | 32.89 1.80 0.00 | 36.34 1.96 0.00 | 39.66 2.07 0.00 | 40.67 2.08 0.00 | 39.26 1.97 0.00 | 37.48 1.89 0.00 | 34.29 1.79 0.00 | 32.98 1.69 0.00 | 29.17 1.55 0.00 |
| CRUCIBLE_METL_DRP 24180 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.30 -0.05 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.60 0.00 0.00 | 38.63 0.04 0.00 | 37.32 0.04 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| DAHOWA___HYDRO 323763 | 28.76 1.91 0.00 | 27.73 1.86 0.00 | 26.06 1.66 0.00 | 24.74 1.62 0.00 | 24.25 1.52 0.00 | 24.57 1.58 0.00 | 25.03 1.68 0.00 | 24.08 1.64 0.00 | 25.84 1.82 0.00 | 28.33 2.07 0.00 | 28.18 1.87 0.00 | 28.66 1.87 0.00 | 30.71 2.09 0.00 | 30.83 1.96 0.00 | 31.16 1.93 0.00 | 33.20 2.11 0.00 | 36.48 2.10 0.00 | 40.19 2.59 0.00 | 41.49 2.90 0.00 | 40.27 2.98 0.00 | 38.86 3.27 0.00 | 35.39 2.89 0.00 | 33.89 2.60 0.00 | 29.86 2.24 0.00 |
| DANC___LFGE 323619 | 26.29 -0.57 0.00 | 25.35 -0.52 0.00 | 23.96 -0.44 0.00 | 22.64 -0.49 0.00 | 22.25 -0.48 0.00 | 22.48 -0.51 0.00 | 22.79 -0.56 0.00 | 21.95 -0.49 0.00 | 23.42 -0.60 0.00 | 25.66 -0.60 0.00 | 25.66 -0.66 0.00 | 26.11 -0.67 0.00 | 27.87 -0.74 0.00 | 28.11 -0.75 0.00 | 28.47 -0.76 0.00 | 30.25 -0.84 0.00 | 33.62 -0.76 0.00 | 37.00 -0.64 -0.04 | 38.13 -0.50 -0.04 | 36.92 -0.41 -0.04 | 35.21 -0.43 -0.04 | 32.18 -0.32 0.00 | 30.92 -0.37 0.00 | 27.26 -0.36 0.00 |
| DANSKAMMER___1 23586 | 28.36 1.50 0.00 | 27.26 1.40 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.89 1.16 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.42 1.63 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.34 2.11 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.27 2.67 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.98 2.38 0.00 | 34.77 2.27 0.00 | 33.42 2.13 0.00 | 29.52 1.90 0.00 |
| DANSKAMMER___2 23589 | 28.36 1.50 0.00 | 27.26 1.40 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.89 1.16 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.42 1.63 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.34 2.11 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.27 2.67 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.98 2.38 0.00 | 34.77 2.27 0.00 | 33.42 2.13 0.00 | 29.52 1.90 0.00 |
| DANSKAMMER___3 23590 | 28.36 1.50 0.00 | 27.26 1.40 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.89 1.16 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.42 1.63 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.34 2.11 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.27 2.67 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.98 2.38 0.00 | 34.77 2.27 0.00 | 33.42 2.13 0.00 | 29.52 1.90 0.00 |

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| DANSKAMMER___4 23591 | 28.36 1.50 0.00 | 27.26 1.40 0.00 | 25.69 1.29 0.00 | 24.30 1.18 0.00 | 23.89 1.16 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.42 1.63 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.34 2.11 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.27 2.67 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.98 2.38 0.00 | 34.77 2.27 0.00 | 33.42 2.13 0.00 | 29.52 1.90 0.00 |
| DANSKAMMER___DIESEL 23592 | 28.38 1.53 0.00 | 27.26 1.40 0.00 | 25.64 1.24 0.00 | 24.26 1.13 0.00 | 23.86 1.14 0.00 | 24.15 1.17 0.00 | 24.52 1.17 0.00 | 23.66 1.21 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.05 1.74 0.00 | 28.41 1.63 0.00 | 30.65 2.03 0.00 | 30.85 1.99 0.00 | 31.34 2.10 0.00 | 33.35 2.27 0.00 | 36.92 2.54 0.00 | 40.26 2.67 0.00 | 41.33 2.74 0.00 | 39.93 2.65 0.00 | 37.98 2.38 0.00 | 34.78 2.28 0.00 | 33.42 2.13 0.00 | 29.53 1.91 0.00 |
| DARBY___SOLAR 323810 | 28.62 1.77 0.00 | 27.60 1.73 0.00 | 25.94 1.54 0.00 | 24.63 1.50 0.00 | 24.14 1.41 0.00 | 24.45 1.47 0.00 | 24.91 1.56 0.00 | 23.97 1.53 0.00 | 25.72 1.71 0.00 | 28.20 1.94 0.00 | 28.08 1.76 0.00 | 28.52 1.74 0.00 | 30.59 1.97 0.00 | 30.71 1.85 0.00 | 31.07 1.84 0.00 | 33.08 1.99 0.00 | 36.37 1.99 0.00 | 40.04 2.44 0.00 | 41.29 2.70 0.00 | 40.04 2.76 0.00 | 38.62 3.02 0.00 | 35.17 2.67 0.00 | 33.71 2.41 0.00 | 29.69 2.07 0.00 |
| DASHVILLE___HYD 23610 | 28.14 1.29 0.00 | 27.03 1.16 0.00 | 25.42 1.02 0.00 | 24.05 0.93 0.00 | 23.66 0.93 0.00 | 23.90 0.92 0.00 | 24.21 0.86 0.00 | 23.34 0.90 0.00 | 25.03 1.01 0.00 | 27.52 1.26 0.00 | 27.63 1.32 0.00 | 27.96 1.18 0.00 | 30.19 1.57 0.00 | 30.39 1.53 0.00 | 30.90 1.67 0.00 | 32.86 1.77 0.00 | 36.41 2.03 0.00 | 39.66 2.07 0.00 | 40.75 2.16 0.00 | 39.33 2.05 0.00 | 37.37 1.78 0.00 | 34.29 1.79 0.00 | 33.02 1.72 0.00 | 29.22 1.60 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 31.78 2.85 -2.08 | 28.74 2.69 -0.18 | 27.21 2.44 -0.37 | 25.18 2.06 0.00 | 24.77 2.05 0.00 | 25.19 2.21 0.00 | 25.59 2.24 0.00 | 24.51 2.07 0.00 | 26.56 2.55 0.00 | 29.36 3.10 0.00 | 36.40 3.50 -6.59 | 37.51 3.62 -7.11 | 38.00 4.06 -5.32 | 38.63 4.16 -5.61 | 38.99 4.33 -5.43 | 39.36 4.60 -3.68 | 42.89 5.16 -3.35 | 43.79 5.41 -0.79 | 44.08 5.48 -0.01 | 42.21 4.92 0.00 | 39.90 4.31 0.00 | 38.72 4.42 -1.80 | 36.56 3.82 -1.44 | 35.31 3.34 -4.34 |
| DELAWARE___LFGE 323621 | 27.60 0.75 0.00 | 26.59 0.72 0.00 | 25.11 0.71 0.00 | 23.75 0.62 0.00 | 23.34 0.61 0.00 | 23.60 0.62 0.00 | 24.00 0.65 0.00 | 23.19 0.74 0.00 | 24.79 0.77 0.00 | 27.20 0.95 0.00 | 27.26 0.95 0.00 | 27.75 0.96 0.00 | 29.68 1.06 0.00 | 29.96 1.10 0.00 | 30.37 1.14 0.00 | 32.24 1.15 0.00 | 35.69 1.31 0.00 | 39.02 1.43 0.00 | 40.06 1.47 0.00 | 38.67 1.38 -0.01 | 36.84 1.25 0.00 | 33.70 1.20 0.00 | 32.42 1.13 0.00 | 28.61 0.99 0.00 |
| DERFIELD_115KV_TB7 355931 | 26.99 0.13 0.00 | 25.97 0.10 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.82 0.09 0.00 | 23.07 0.09 0.00 | 23.44 0.09 0.00 | 22.58 0.13 0.00 | 24.16 0.14 0.00 | 26.44 0.18 0.00 | 26.47 0.16 0.00 | 26.94 0.16 0.00 | 28.82 0.20 0.00 | 29.07 0.20 0.00 | 29.44 0.20 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.86 0.26 0.00 | 38.86 0.27 0.00 | 37.54 0.26 0.00 | 35.84 0.25 0.00 | 32.73 0.23 0.00 | 31.51 0.22 0.00 | 27.81 0.19 0.00 |
| DOGLEVILLE___HYD 23807 | 26.85 0.00 0.00 | 25.89 0.03 0.00 | 24.42 0.02 0.00 | 23.10 -0.02 0.00 | 22.68 -0.05 0.00 | 22.91 -0.07 0.00 | 23.28 -0.07 0.00 | 22.45 0.00 0.00 | 24.04 0.02 0.00 | 26.37 0.11 0.00 | 26.45 0.13 0.00 | 26.92 0.13 0.00 | 28.79 0.17 0.00 | 29.09 0.23 0.00 | 29.49 0.26 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.93 0.34 0.00 | 38.98 0.39 0.00 | 37.62 0.33 0.00 | 35.84 0.25 0.00 | 32.73 0.23 0.00 | 31.45 0.16 0.00 | 27.79 0.17 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 25.64 -1.21 0.00 | 24.57 -1.29 0.00 | 23.28 -1.12 0.00 | 22.11 -1.02 0.00 | 21.64 -1.09 0.00 | 21.81 -1.17 0.00 | 22.02 -1.33 0.00 | 21.48 -0.97 0.00 | 23.32 -0.70 0.00 | 25.24 -1.02 0.00 | 25.84 -0.47 0.00 | 26.86 0.08 0.00 | 28.16 -0.46 0.00 | 28.63 -0.23 0.00 | 28.38 -0.85 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 35.85 -1.62 0.13 | 36.84 -1.62 0.13 | 35.19 -1.90 0.19 | 33.92 -1.53 0.14 | 31.45 -1.04 0.01 | 30.70 -0.59 0.00 | 27.26 -0.36 0.00 |
| DUNKIRK___1 23563 | 25.64 -1.21 0.00 | 24.57 -1.29 0.00 | 23.28 -1.12 0.00 | 22.11 -1.02 0.00 | 21.64 -1.09 0.00 | 21.81 -1.17 0.00 | 22.02 -1.33 0.00 | 21.48 -0.97 0.00 | 23.32 -0.70 0.00 | 25.24 -1.02 0.00 | 25.84 -0.47 0.00 | 26.86 0.08 0.00 | 28.16 -0.46 0.00 | 28.63 -0.23 0.00 | 28.38 -0.85 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 35.85 -1.62 0.13 | 36.84 -1.62 0.13 | 35.19 -1.90 0.19 | 33.92 -1.53 0.14 | 31.45 -1.04 0.01 | 30.70 -0.59 0.00 | 27.26 -0.36 0.00 |
| DUNKIRK___2 23564 | 25.64 -1.21 0.00 | 24.57 -1.29 0.00 | 23.28 -1.12 0.00 | 22.11 -1.02 0.00 | 21.64 -1.09 0.00 | 21.81 -1.17 0.00 | 22.02 -1.33 0.00 | 21.48 -0.97 0.00 | 23.32 -0.70 0.00 | 25.24 -1.02 0.00 | 25.84 -0.47 0.00 | 26.86 0.08 0.00 | 28.16 -0.46 0.00 | 28.63 -0.23 0.00 | 28.38 -0.85 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 35.85 -1.62 0.13 | 36.84 -1.62 0.13 | 35.19 -1.90 0.19 | 33.92 -1.53 0.14 | 31.45 -1.04 0.01 | 30.70 -0.59 0.00 | 27.26 -0.36 0.00 |
| DUNKIRK___3 23565 | 25.54 -1.32 0.00 | 24.47 -1.40 0.00 | 23.15 -1.24 0.00 | 22.02 -1.11 0.00 | 21.55 -1.18 0.00 | 21.72 -1.26 0.00 | 21.92 -1.42 0.00 | 21.37 -1.08 0.00 | 23.18 -0.84 0.00 | 25.10 -1.16 0.00 | 25.71 -0.61 0.00 | 26.70 -0.08 0.00 | 27.99 -0.63 0.00 | 28.43 -0.43 0.00 | 28.21 -1.02 0.00 | 30.15 -0.93 0.00 | 33.35 -1.03 0.00 | 35.63 -1.84 0.13 | 36.61 -1.85 0.13 | 34.97 -2.13 0.19 | 33.71 -1.74 0.14 | 31.26 -1.24 0.01 | 30.48 -0.81 0.00 | 27.09 -0.52 0.00 |
| DUNKIRK___4 23566 | 25.54 -1.32 0.00 | 24.47 -1.40 0.00 | 23.15 -1.24 0.00 | 22.02 -1.11 0.00 | 21.55 -1.18 0.00 | 21.72 -1.26 0.00 | 21.92 -1.42 0.00 | 21.37 -1.08 0.00 | 23.18 -0.84 0.00 | 25.10 -1.16 0.00 | 25.71 -0.61 0.00 | 26.70 -0.08 0.00 | 27.99 -0.63 0.00 | 28.43 -0.43 0.00 | 28.21 -1.02 0.00 | 30.15 -0.93 0.00 | 33.35 -1.03 0.00 | 35.63 -1.84 0.13 | 36.61 -1.85 0.13 | 34.97 -2.13 0.19 | 33.71 -1.74 0.14 | 31.26 -1.24 0.01 | 30.48 -0.81 0.00 | 27.09 -0.52 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 28.46 1.61 0.00 | 27.34 1.47 0.00 | 25.67 1.27 0.00 | 24.28 1.16 0.00 | 23.91 1.18 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.82 1.37 0.00 | 25.58 1.56 0.00 | 28.12 1.86 0.00 | 28.24 1.92 0.00 | 28.60 1.82 0.00 | 30.85 2.23 0.00 | 31.11 2.25 0.00 | 31.60 2.37 0.00 | 33.60 2.52 0.00 | 37.16 2.78 0.00 | 40.45 2.86 0.00 | 41.56 2.97 0.00 | 40.12 2.83 0.00 | 38.08 2.49 0.00 | 34.97 2.47 0.00 | 33.58 2.28 0.00 | 29.69 2.07 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 28.20 1.34 0.00 | 27.08 1.22 0.00 | 25.45 1.05 0.00 | 24.10 0.97 0.00 | 23.71 0.98 0.00 | 23.97 0.99 0.00 | 24.35 1.00 0.00 | 23.52 1.08 0.00 | 25.24 1.22 0.00 | 27.76 1.50 0.00 | 27.87 1.55 0.00 | 28.23 1.45 0.00 | 30.42 1.80 0.00 | 30.65 1.79 0.00 | 31.13 1.90 0.00 | 33.14 2.05 0.00 | 36.65 2.27 0.00 | 39.96 2.37 0.00 | 41.06 2.47 0.00 | 39.63 2.35 0.00 | 37.69 2.10 0.00 | 34.52 2.02 0.00 | 33.17 1.88 0.00 | 29.33 1.71 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 28.62 1.77 0.00 | 27.50 1.63 0.00 | 25.74 1.34 0.00 | 24.42 1.30 0.00 | 24.02 1.30 0.00 | 24.22 1.24 0.00 | 24.54 1.19 0.00 | 23.79 1.35 0.00 | 25.53 1.51 0.00 | 28.10 1.84 0.00 | 28.21 1.89 0.00 | 28.58 1.79 0.00 | 30.85 2.23 0.00 | 31.14 2.28 0.00 | 31.66 2.43 0.00 | 33.67 2.58 0.00 | 37.20 2.82 0.00 | 40.45 2.86 0.00 | 41.56 2.97 0.00 | 40.12 2.83 0.00 | 38.01 2.42 0.00 | 34.97 2.47 0.00 | 33.74 2.44 0.00 | 29.94 2.32 0.00 |
| E179THST_13_KV_LOAD 356214 | 28.76 1.91 0.00 | 27.62 1.76 0.00 | 25.86 1.46 0.00 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.31 1.33 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.85 2.77 0.00 | 37.41 3.03 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.17 2.67 0.00 | 33.92 2.63 0.00 | 30.08 2.46 0.00 |
| EAST HAMPTON___GT 23717 | 32.29 3.36 -2.08 | 29.23 3.18 -0.18 | 27.72 2.95 -0.37 | 25.65 2.52 0.00 | 25.21 2.48 0.00 | 25.67 2.69 0.00 | 26.06 2.71 0.00 | 24.94 2.49 0.00 | 27.07 3.05 0.00 | 29.88 3.63 0.00 | 37.06 4.16 -6.59 | 38.21 4.31 -7.11 | 38.72 4.78 -5.32 | 39.35 4.88 -5.61 | 39.72 5.06 -5.43 | 40.17 5.41 -3.68 | 43.79 6.05 -3.35 | 44.69 6.31 -0.79 | 45.01 6.41 -0.01 | 42.99 5.70 0.00 | 40.68 5.09 0.00 | 39.43 5.13 -1.80 | 37.15 4.41 -1.44 | 35.80 3.84 -4.34 |
| EAST RIVER___6 23660 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.81 1.41 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.29 1.31 0.00 | 24.75 1.40 0.00 | 23.95 1.50 0.00 | 25.70 1.68 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.23 2.94 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.78 2.16 0.00 |
| EAST RIVER___7 23524 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.81 1.41 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.29 1.31 0.00 | 24.75 1.40 0.00 | 23.95 1.50 0.00 | 25.70 1.68 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.23 2.94 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.78 2.16 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 28.41 1.56 0.00 | 27.29 1.42 0.00 | 25.59 1.20 0.00 | 24.24 1.11 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.54 1.19 0.00 | 23.75 1.30 0.00 | 25.51 1.49 0.00 | 28.05 1.79 0.00 | 28.16 1.84 0.00 | 28.52 1.74 0.00 | 30.73 2.12 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.51 2.42 0.00 | 37.06 2.68 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 37.98 2.38 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.61 1.99 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 32.29 3.36 -2.08 | 29.23 3.18 -0.18 | 27.74 2.98 -0.37 | 25.67 2.54 0.00 | 25.21 2.48 0.00 | 25.67 2.69 0.00 | 26.06 2.71 0.00 | 24.96 2.51 0.00 | 27.09 3.07 0.00 | 29.91 3.65 0.00 | 37.09 4.18 -6.59 | 38.23 4.34 -7.11 | 38.75 4.81 -5.32 | 39.38 4.91 -5.61 | 39.75 5.09 -5.43 | 40.17 5.41 -3.68 | 43.82 6.09 -3.35 | 44.74 6.36 -0.79 | 45.01 6.41 -0.01 | 43.02 5.74 0.00 | 40.68 5.09 0.00 | 39.46 5.17 -1.80 | 37.18 4.44 -1.44 | 35.83 3.87 -4.34 |
| EAST_POINT___SOLAR 323840 | 28.87 2.01 0.00 | 27.83 1.96 0.00 | 26.18 1.78 0.00 | 24.81 1.69 0.00 | 24.34 1.61 0.00 | 24.61 1.63 0.00 | 25.01 1.66 0.00 | 23.86 1.41 0.00 | 25.12 1.11 0.00 | 27.34 1.08 0.00 | 27.21 0.90 0.00 | 27.91 1.12 0.00 | 29.85 1.23 0.00 | 30.08 1.21 0.00 | 30.81 1.58 0.00 | 32.70 1.62 0.00 | 36.30 1.92 0.00 | 40.75 3.16 0.00 | 41.95 3.36 0.00 | 40.53 3.24 0.00 | 39.12 3.52 0.00 | 35.75 3.25 0.00 | 34.24 2.94 0.00 | 30.02 2.40 0.00 |
| EAST_PULASKI___ESR 323781 | 26.42 -0.43 0.00 | 25.45 -0.41 0.00 | 24.03 -0.37 0.00 | 22.75 -0.37 0.00 | 22.36 -0.36 0.00 | 22.59 -0.39 0.00 | 22.90 -0.44 0.00 | 22.11 -0.34 0.00 | 23.61 -0.41 0.00 | 25.79 -0.47 0.00 | 25.81 -0.50 0.00 | 26.33 -0.46 0.00 | 28.13 -0.49 0.00 | 28.34 -0.52 0.00 | 28.68 -0.56 0.00 | 30.46 -0.62 0.00 | 33.76 -0.62 0.00 | 37.12 -0.56 -0.08 | 38.17 -0.50 -0.09 | 36.93 -0.45 -0.09 | 35.26 -0.43 -0.09 | 32.15 -0.36 -0.01 | 30.92 -0.37 0.00 | 27.26 -0.36 0.00 |
| EAST_RIVER___1 323558 | 28.55 1.69 0.00 | 27.44 1.58 0.00 | 25.79 1.39 0.00 | 24.42 1.29 0.00 | 23.98 1.25 0.00 | 24.29 1.31 0.00 | 24.75 1.40 0.00 | 23.93 1.48 0.00 | 25.70 1.68 0.00 | 28.20 1.94 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.93 2.32 0.00 | 31.26 2.39 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.37 2.99 0.00 | 40.64 3.04 0.00 | 41.72 3.12 0.00 | 40.23 2.94 0.00 | 38.23 2.63 0.00 | 35.10 2.60 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| EAST_RIVER___2 323559 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.81 1.41 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.29 1.31 0.00 | 24.75 1.40 0.00 | 23.95 1.50 0.00 | 25.70 1.68 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.23 2.94 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.78 2.16 0.00 |
| EAST___DELAWARE_HYD 23607 | 28.30 1.45 0.00 | 27.18 1.32 0.00 | 25.64 1.24 0.00 | 24.24 1.11 0.00 | 23.82 1.09 0.00 | 24.08 1.10 0.00 | 24.47 1.12 0.00 | 23.57 1.12 0.00 | 25.31 1.30 0.00 | 27.81 1.55 0.00 | 27.92 1.61 0.00 | 28.31 1.53 0.00 | 30.45 1.83 0.00 | 30.71 1.85 0.00 | 31.19 1.96 0.00 | 33.20 2.11 0.00 | 36.79 2.41 0.00 | 40.15 2.56 0.00 | 41.29 2.70 0.00 | 39.82 2.54 0.00 | 37.87 2.28 0.00 | 34.68 2.18 0.00 | 33.30 2.00 0.00 | 29.41 1.79 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 25.70 -1.15 0.00 | 24.65 -1.22 0.00 | 23.52 -0.88 0.00 | 22.43 -0.69 0.00 | 22.14 -0.59 0.00 | 22.24 -0.74 0.00 | 22.56 -0.79 0.00 | 21.77 -0.67 0.00 | 23.30 -0.72 0.00 | 25.66 -0.60 0.00 | 26.00 -0.31 0.00 | 27.08 0.30 0.00 | 28.90 0.29 0.00 | 29.38 0.52 0.00 | 29.46 0.23 0.00 | 31.52 0.43 0.00 | 35.07 0.69 0.00 | 36.98 -0.53 0.09 | 37.15 -1.35 0.10 | 35.57 -1.49 0.22 | 34.42 -1.07 0.10 | 32.72 0.23 0.01 | 32.14 0.85 0.00 | 28.39 0.77 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 26.66 -0.19 0.00 | 25.69 -0.18 0.00 | 24.28 -0.12 0.00 | 22.99 -0.14 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.19 -0.16 0.00 | 22.40 -0.04 0.00 | 23.97 -0.05 0.00 | 26.08 -0.18 0.00 | 26.18 -0.13 0.00 | 26.73 -0.05 0.00 | 28.56 -0.06 0.00 | 28.81 -0.06 0.00 | 29.09 -0.15 0.00 | 30.96 -0.12 0.00 | 34.24 -0.14 0.00 | 37.41 -0.19 0.00 | 38.44 -0.15 0.00 | 37.13 -0.15 0.00 | 35.48 -0.11 0.00 | 32.34 -0.16 0.00 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| ELEC_TRO_TEK 24086 | 30.87 1.93 -2.08 | 27.86 1.81 -0.18 | 26.33 1.56 -0.37 | 24.49 1.36 0.00 | 24.09 1.36 0.00 | 24.41 1.42 0.00 | 24.75 1.40 0.00 | 23.91 1.46 0.00 | 25.77 1.75 0.00 | 28.44 2.18 0.00 | 35.16 2.26 -6.59 | 36.09 2.20 -7.11 | 36.52 2.58 -5.32 | 37.10 2.63 -5.61 | 37.41 2.75 -5.43 | 37.68 2.92 -3.68 | 40.91 3.23 -3.30 | 41.68 3.31 -0.78 | 41.95 3.36 0.00 | 40.42 3.13 0.00 | 38.33 2.74 0.00 | 37.16 2.86 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |

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| ELLENBURG_WT_PWR 323604 | 26.29 -0.57 0.00 | 25.40 -0.46 0.00 | 23.96 -0.44 0.00 | 22.73 -0.39 0.00 | 22.30 -0.43 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.07 -0.31 0.00 | 37.37 -0.22 0.00 | 38.24 -0.35 0.00 | 36.98 -0.30 0.00 | 35.09 -0.50 0.00 | 31.95 -0.55 0.00 | 30.95 -0.34 0.00 | 27.29 -0.33 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 25.30 -1.56 0.00 | 24.29 -1.58 0.00 | 22.96 -1.44 0.00 | 21.83 -1.30 0.00 | 21.34 -1.39 0.00 | 21.53 -1.45 0.00 | 21.69 -1.66 0.00 | 21.17 -1.28 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.42 -0.89 0.00 | 26.43 -0.35 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.89 -1.34 0.00 | 29.75 -1.34 0.00 | 32.90 -1.48 0.00 | 35.32 -2.14 0.13 | 36.26 -2.20 0.13 | 34.63 -2.46 0.19 | 33.38 -2.06 0.15 | 30.80 -1.69 0.01 | 30.11 -1.19 0.00 | 26.74 -0.88 0.00 |
| EMPIRE_CC_1 323656 | 27.55 0.70 0.00 | 26.59 0.72 0.00 | 25.03 0.63 0.00 | 23.77 0.65 0.00 | 23.34 0.61 0.00 | 23.65 0.67 0.00 | 24.07 0.72 0.00 | 23.21 0.76 0.00 | 24.71 0.70 0.00 | 27.05 0.79 0.00 | 27.03 0.71 0.00 | 27.37 0.59 0.00 | 29.45 0.83 0.00 | 29.64 0.78 0.00 | 30.08 0.85 0.00 | 31.92 0.84 0.00 | 35.27 0.89 0.00 | 38.61 1.02 0.00 | 39.56 0.97 0.00 | 38.22 0.93 0.00 | 36.59 1.00 0.00 | 33.44 0.94 0.00 | 32.14 0.85 0.00 | 28.42 0.80 0.00 |
| EMPIRE_CC_2 323658 | 27.55 0.70 0.00 | 26.59 0.72 0.00 | 25.03 0.63 0.00 | 23.77 0.65 0.00 | 23.34 0.61 0.00 | 23.65 0.67 0.00 | 24.07 0.72 0.00 | 23.21 0.76 0.00 | 24.71 0.70 0.00 | 27.05 0.79 0.00 | 27.03 0.71 0.00 | 27.37 0.59 0.00 | 29.45 0.83 0.00 | 29.64 0.78 0.00 | 30.08 0.85 0.00 | 31.92 0.84 0.00 | 35.27 0.89 0.00 | 38.61 1.02 0.00 | 39.56 0.97 0.00 | 38.22 0.93 0.00 | 36.59 1.00 0.00 | 33.44 0.94 0.00 | 32.14 0.85 0.00 | 28.42 0.80 0.00 |
| ENORWICH_115KV_TB1 80156 | 28.14 1.29 0.00 | 27.24 1.37 0.00 | 25.76 1.37 0.00 | 24.31 1.18 0.00 | 23.89 1.16 0.00 | 24.11 1.13 0.00 | 24.47 1.12 0.00 | 23.73 1.28 0.00 | 25.27 1.25 0.00 | 27.84 1.58 0.00 | 27.79 1.47 0.00 | 28.39 1.61 0.00 | 30.19 1.57 0.00 | 30.54 1.67 0.00 | 30.93 1.70 0.00 | 32.83 1.74 0.00 | 36.41 2.03 0.00 | 40.05 2.48 0.03 | 41.22 2.66 0.03 | 39.88 2.57 -0.02 | 37.91 2.35 0.03 | 34.77 2.28 0.00 | 33.39 2.10 0.00 | 29.44 1.82 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 25.54 -1.32 0.00 | 24.47 -1.40 0.00 | 23.13 -1.27 0.00 | 21.99 -1.13 0.00 | 21.52 -1.20 0.00 | 21.67 -1.31 0.00 | 21.88 -1.47 0.00 | 21.26 -1.19 0.00 | 23.08 -0.94 0.00 | 25.00 -1.26 0.00 | 25.63 -0.68 0.00 | 26.62 -0.16 0.00 | 27.96 -0.66 0.00 | 28.40 -0.46 0.00 | 28.18 -1.05 0.00 | 30.12 -0.96 0.00 | 33.35 -1.03 0.00 | 35.25 -2.22 0.13 | 36.18 -2.28 0.13 | 34.60 -2.50 0.19 | 33.28 -2.17 0.14 | 31.13 -1.37 0.01 | 30.39 -0.91 0.00 | 27.07 -0.55 0.00 |
| ERIE_WT_PWR 323693 | 25.51 -1.34 0.00 | 24.44 -1.42 0.00 | 23.16 -1.24 0.00 | 21.90 -1.23 0.00 | 21.57 -1.16 0.00 | 21.63 -1.36 0.00 | 21.79 -1.56 0.00 | 21.30 -1.14 0.00 | 23.08 -0.94 0.00 | 25.16 -1.10 0.00 | 25.63 -0.68 0.00 | 26.57 -0.22 0.00 | 27.99 -0.63 0.00 | 28.29 -0.58 0.00 | 28.06 -1.17 0.00 | 29.94 -1.15 0.00 | 33.14 -1.24 0.00 | 35.47 -1.99 0.13 | 36.38 -2.08 0.13 | 35.01 -2.09 0.19 | 33.49 -1.96 0.14 | 31.03 -1.46 0.01 | 30.29 -1.00 0.00 | 26.90 -0.72 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 28.17 1.32 0.00 | 27.13 1.27 0.00 | 25.59 1.20 0.00 | 24.21 1.09 0.00 | 23.77 1.05 0.00 | 24.04 1.06 0.00 | 24.42 1.07 0.00 | 23.55 1.10 0.00 | 25.10 1.08 0.00 | 27.55 1.29 0.00 | 27.53 1.21 0.00 | 28.09 1.31 0.00 | 29.99 1.37 0.00 | 30.28 1.41 0.00 | 30.78 1.55 0.00 | 32.61 1.52 0.00 | 36.13 1.75 0.00 | 39.85 2.26 0.00 | 40.98 2.39 0.00 | 39.60 2.31 0.00 | 37.83 2.24 0.00 | 34.68 2.18 0.00 | 33.27 1.97 0.00 | 29.28 1.66 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.45 0.32 0.00 | 23.05 0.32 0.00 | 23.28 0.30 0.00 | 23.63 0.28 0.00 | 22.87 0.43 0.00 | 24.38 0.36 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.29 0.51 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.70 0.47 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.24 0.68 0.04 | 39.37 0.81 0.04 | 38.19 0.82 -0.08 | 36.37 0.82 0.04 | 33.25 0.75 0.00 | 32.05 0.75 0.00 | 28.23 0.61 0.00 |
| ETNA____115KV_TB2 80207 | 27.23 0.38 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.45 0.32 0.00 | 23.05 0.32 0.00 | 23.28 0.30 0.00 | 23.63 0.28 0.00 | 22.87 0.43 0.00 | 24.38 0.36 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.29 0.51 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.70 0.47 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.24 0.68 0.04 | 39.37 0.81 0.04 | 38.19 0.82 -0.08 | 36.37 0.82 0.04 | 33.25 0.75 0.00 | 32.05 0.75 0.00 | 28.23 0.61 0.00 |
| EUCLID____115KV_TB2 356179 | 26.53 -0.32 0.00 | 25.56 -0.31 0.00 | 24.15 -0.24 0.00 | 22.89 -0.23 0.00 | 22.48 -0.25 0.00 | 22.71 -0.28 0.00 | 23.07 -0.28 0.00 | 22.29 -0.16 0.00 | 23.85 -0.17 0.00 | 25.94 -0.32 0.00 | 26.05 -0.26 0.00 | 26.59 -0.19 0.00 | 28.39 -0.23 0.00 | 28.63 -0.23 0.00 | 28.94 -0.29 0.00 | 30.77 -0.31 0.00 | 34.04 -0.34 0.00 | 37.14 -0.38 0.08 | 38.13 -0.39 0.08 | 36.83 -0.37 0.09 | 35.19 -0.32 0.08 | 32.17 -0.33 0.00 | 31.01 -0.28 0.00 | 27.32 -0.30 0.00 |
| E_CANADA_CAP_HY 24051 | 28.57 1.72 0.00 | 27.52 1.66 0.00 | 25.91 1.51 0.00 | 24.56 1.43 0.00 | 24.09 1.36 0.00 | 24.38 1.40 0.00 | 24.77 1.42 0.00 | 23.77 1.32 0.00 | 25.27 1.25 0.00 | 27.60 1.34 0.00 | 27.50 1.19 0.00 | 28.09 1.31 0.00 | 30.02 1.40 0.00 | 30.28 1.41 0.00 | 30.81 1.58 0.00 | 32.61 1.52 0.00 | 36.13 1.75 0.00 | 40.15 2.56 0.00 | 41.33 2.74 0.00 | 40.00 2.72 0.00 | 38.47 2.88 0.00 | 35.26 2.76 0.00 | 33.80 2.50 0.00 | 29.66 2.04 0.00 |
| E_CANADA_MHWK_HY 24050 | 26.85 0.00 0.00 | 25.89 0.03 0.00 | 24.42 0.02 0.00 | 23.10 -0.02 0.00 | 22.68 -0.05 0.00 | 22.91 -0.07 0.00 | 23.28 -0.07 0.00 | 22.45 0.00 0.00 | 24.04 0.02 0.00 | 26.37 0.11 0.00 | 26.45 0.13 0.00 | 26.92 0.13 0.00 | 28.79 0.17 0.00 | 29.09 0.23 0.00 | 29.49 0.26 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.93 0.34 0.00 | 38.98 0.39 0.00 | 37.62 0.33 0.00 | 35.84 0.25 0.00 | 32.73 0.23 0.00 | 31.45 0.16 0.00 | 27.79 0.17 0.00 |
| E_FISHKILL____LBMP 23776 | 28.17 1.32 0.00 | 27.08 1.22 0.00 | 25.45 1.05 0.00 | 24.10 0.97 0.00 | 23.71 0.98 0.00 | 23.99 1.01 0.00 | 24.38 1.03 0.00 | 23.59 1.14 0.00 | 25.29 1.27 0.00 | 27.81 1.55 0.00 | 27.87 1.55 0.00 | 28.25 1.47 0.00 | 30.45 1.83 0.00 | 30.68 1.82 0.00 | 31.16 1.93 0.00 | 33.14 2.05 0.00 | 36.61 2.23 0.00 | 39.93 2.33 0.00 | 40.98 2.39 0.00 | 39.60 2.31 0.00 | 37.66 2.06 0.00 | 34.52 2.02 0.00 | 33.14 1.85 0.00 | 29.30 1.68 0.00 |
| FALCON____SEABRD_CC1 323796 | 26.88 0.03 0.00 | 26.00 0.13 0.00 | 24.50 0.10 0.00 | 23.27 0.14 0.00 | 22.82 0.09 0.00 | 23.14 0.16 0.00 | 23.49 0.14 0.00 | 22.40 -0.04 0.00 | 24.02 0.00 0.00 | 26.47 0.21 0.00 | 26.58 0.26 0.00 | 27.16 0.37 0.00 | 28.90 0.29 0.00 | 29.18 0.32 0.00 | 29.58 0.35 0.00 | 31.40 0.31 0.00 | 34.96 0.58 0.00 | 38.35 0.75 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.09 0.50 0.00 | 32.76 0.26 0.00 | 31.77 0.47 0.00 | 27.98 0.36 0.00 |

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| FALCON___SEABRD_CC2 323797 | 26.88 0.03 0.00 | 26.00 0.13 0.00 | 24.50 0.10 0.00 | 23.27 0.14 0.00 | 22.82 0.09 0.00 | 23.14 0.16 0.00 | 23.49 0.14 0.00 | 22.40 -0.04 0.00 | 24.02 0.00 0.00 | 26.47 0.21 0.00 | 26.58 0.26 0.00 | 27.16 0.37 0.00 | 28.90 0.29 0.00 | 29.18 0.32 0.00 | 29.58 0.35 0.00 | 31.40 0.31 0.00 | 34.96 0.58 0.00 | 38.35 0.75 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.09 0.50 0.00 | 32.76 0.26 0.00 | 31.77 0.47 0.00 | 27.98 0.36 0.00 |
| FAR ROCKAWAY___4 23548 | 31.32 2.39 -2.08 | 28.27 2.22 -0.18 | 26.72 1.95 -0.37 | 24.84 1.71 0.00 | 24.43 1.70 0.00 | 24.73 1.75 0.00 | 25.08 1.73 0.00 | 24.22 1.77 0.00 | 26.13 2.11 0.00 | 28.83 2.57 -6.59 | 35.61 2.71 -7.11 | 36.60 2.70 -5.32 | 37.06 3.12 -5.32 | 37.65 3.17 -5.61 | 37.96 3.30 -5.43 | 38.30 3.54 -3.68 | 41.56 3.88 -3.30 | 42.39 4.02 -0.78 | 42.68 4.09 0.00 | 41.09 3.80 0.00 | 38.97 3.38 0.00 | 37.77 3.48 -1.80 | 35.99 3.25 -1.44 | 34.84 2.87 -4.34 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 28.76 1.91 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.35 1.23 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.77 2.54 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.55 2.95 0.00 | 35.10 2.60 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.41 3.03 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.34 3.06 0.00 | 38.26 2.67 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.66 1.31 0.00 | 23.88 1.44 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.26 2.40 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.37 2.99 0.00 | 40.64 3.05 0.00 | 41.72 3.13 0.00 | 40.30 3.02 0.00 | 38.23 2.63 0.00 | 35.10 2.60 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| FARRAGUT___LBMP 323566 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.69 1.29 0.00 | 24.33 1.20 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| FENNER___WINDPWR 24204 | 27.23 0.38 0.00 | 26.25 0.39 0.00 | 24.81 0.41 0.00 | 23.45 0.32 0.00 | 23.07 0.34 0.00 | 23.28 0.30 0.00 | 23.63 0.28 0.00 | 22.83 0.38 0.00 | 24.38 0.36 0.00 | 26.71 0.45 0.00 | 26.73 0.42 0.00 | 27.29 0.51 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.79 0.55 0.00 | 31.65 0.56 0.00 | 35.03 0.65 0.00 | 38.36 0.79 0.03 | 39.41 0.85 0.03 | 38.13 0.86 0.01 | 36.34 0.78 0.03 | 33.21 0.71 0.00 | 31.98 0.69 0.00 | 28.17 0.55 0.00 |
| FIBERTEK___ENERGY 23856 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.30 -0.05 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.60 0.00 0.00 | 38.63 0.04 0.00 | 37.32 0.04 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| FITZPATRICK____ 23598 | 26.21 -0.64 0.00 | 25.25 -0.62 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.66 -0.66 0.00 | 26.17 -0.61 0.00 | 27.96 -0.66 0.00 | 28.17 -0.69 0.00 | 28.50 -0.73 0.00 | 30.31 -0.78 0.00 | 33.52 -0.86 0.00 | 36.66 -0.94 0.00 | 37.63 -0.96 0.00 | 36.39 -0.90 0.00 | 34.74 -0.85 0.00 | 31.69 -0.81 0.00 | 30.54 -0.75 0.00 | 26.93 -0.69 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 31.19 2.26 -2.08 | 28.15 2.10 -0.18 | 26.64 1.88 -0.37 | 24.72 1.60 0.00 | 24.32 1.59 0.00 | 24.66 1.68 0.00 | 25.03 1.68 0.00 | 24.06 1.62 0.00 | 26.01 1.99 0.00 | 28.70 2.44 0.00 | 35.53 2.63 -6.59 | 36.52 2.62 -7.11 | 37.00 3.06 -5.32 | 37.62 3.15 -5.61 | 37.93 3.27 -5.43 | 38.27 3.51 -3.68 | 41.68 3.92 -3.38 | 42.49 4.10 -0.79 | 42.74 4.13 -0.02 | 41.01 3.73 0.00 | 38.87 3.27 0.00 | 37.71 3.41 -1.80 | 35.80 3.07 -1.44 | 34.70 2.73 -4.34 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 28.41 1.56 0.00 | 27.31 1.45 0.00 | 25.69 1.29 0.00 | 24.31 1.18 0.00 | 23.91 1.18 0.00 | 24.20 1.22 0.00 | 24.56 1.21 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 28.02 1.76 0.00 | 28.10 1.79 0.00 | 28.47 1.69 0.00 | 30.71 2.09 0.00 | 30.91 2.05 0.00 | 31.39 2.16 0.00 | 33.42 2.33 0.00 | 36.99 2.61 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.04 2.76 0.00 | 38.05 2.46 0.00 | 34.84 2.34 0.00 | 33.49 2.19 0.00 | 29.58 1.96 0.00 |
| FORT ORANGE____ 23900 | 27.50 0.64 0.00 | 26.51 0.65 0.00 | 24.96 0.56 0.00 | 23.75 0.62 0.00 | 23.32 0.59 0.00 | 23.60 0.62 0.00 | 24.00 0.65 0.00 | 23.12 0.67 0.00 | 24.69 0.67 0.00 | 26.97 0.71 0.00 | 26.92 0.61 0.00 | 27.32 0.54 0.00 | 29.36 0.74 0.00 | 29.55 0.69 0.00 | 29.99 0.76 0.00 | 31.89 0.81 0.00 | 35.20 0.82 0.00 | 38.65 1.05 0.00 | 39.67 1.08 0.00 | 38.37 1.08 0.00 | 36.76 1.17 0.00 | 33.54 1.04 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |
| FORT_DRUM_COGEN 23780 | 26.13 -0.73 0.00 | 25.27 -0.59 0.00 | 23.89 -0.51 0.00 | 22.55 -0.58 0.00 | 22.14 -0.59 0.00 | 22.38 -0.60 0.00 | 22.67 -0.68 0.00 | 21.82 -0.63 0.00 | 23.25 -0.77 0.00 | 25.52 -0.74 0.00 | 25.47 -0.84 0.00 | 25.90 -0.88 0.00 | 27.62 -1.00 0.00 | 27.88 -0.98 0.00 | 28.24 -0.99 0.00 | 30.03 -1.06 0.00 | 33.55 -0.83 0.00 | 37.02 -0.60 -0.02 | 38.23 -0.39 -0.02 | 37.01 -0.30 -0.03 | 35.30 -0.32 -0.03 | 32.31 -0.20 0.00 | 30.95 -0.34 0.00 | 27.29 -0.33 0.00 |
| FOX_HILLS___ESR 323835 | 28.57 1.72 0.00 | 27.42 1.55 0.00 | 25.67 1.27 0.00 | 24.31 1.18 0.00 | 23.91 1.18 0.00 | 24.13 1.15 0.00 | 24.52 1.17 0.00 | 23.77 1.32 0.00 | 25.55 1.54 0.00 | 28.15 1.89 0.00 | 28.26 1.95 0.00 | 28.66 1.87 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.77 2.54 0.00 | 33.82 2.74 0.00 | 37.30 2.92 0.00 | 40.53 2.93 0.00 | 41.64 3.05 0.00 | 40.19 2.91 0.00 | 38.05 2.46 0.00 | 35.17 2.67 0.00 | 33.80 2.50 0.00 | 29.91 2.29 0.00 |
| FPL FAR_ROCK_GT1 24212 | 31.32 2.39 -2.08 | 28.27 2.22 -0.18 | 26.79 2.02 -0.37 | 24.91 1.78 0.00 | 24.45 1.73 0.00 | 24.80 1.82 0.00 | 25.15 1.80 0.00 | 24.24 1.80 0.00 | 26.15 2.14 0.00 | 28.81 2.55 0.00 | 35.61 2.71 -6.59 | 36.60 2.70 -7.11 | 37.06 3.12 -5.32 | 37.65 3.17 -5.61 | 37.96 3.30 -5.43 | 38.30 3.54 -3.68 | 41.56 3.88 -3.30 | 42.40 4.02 -0.78 | 42.68 4.09 0.00 | 41.01 3.73 0.00 | 38.97 3.38 0.00 | 37.81 3.51 -1.80 | 35.99 3.25 -1.44 | 34.84 2.87 -4.34 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| FPL FAR_ROCK_GT2 23815 | 31.32 2.39 -2.08 | 28.27 2.22 -0.18 | 26.79 2.02 -0.37 | 24.91 1.78 0.00 | 24.45 1.73 0.00 | 24.80 1.82 0.00 | 25.15 1.80 0.00 | 24.24 1.80 0.00 | 26.15 2.14 0.00 | 28.81 2.55 0.00 | 35.61 2.71 -6.59 | 36.60 2.70 -7.11 | 37.06 3.12 -5.32 | 37.65 3.17 -5.61 | 37.96 3.30 -5.43 | 38.30 3.54 -3.68 | 41.56 3.88 -3.30 | 42.40 4.02 -0.78 | 42.68 4.09 0.00 | 41.01 3.73 0.00 | 38.97 3.38 0.00 | 37.81 3.51 -1.80 | 35.99 3.25 -1.44 | 34.84 2.87 -4.34 |
| FRANKLIN_FALL_HYD 24054 | 26.34 -0.51 0.00 | 25.48 -0.39 0.00 | 24.01 -0.39 0.00 | 22.76 -0.37 0.00 | 22.36 -0.36 0.00 | 22.68 -0.30 0.00 | 23.02 -0.33 0.00 | 21.93 -0.52 0.00 | 23.46 -0.55 0.00 | 25.89 -0.37 0.00 | 25.95 -0.37 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.10 -0.28 0.00 | 37.41 -0.19 0.00 | 38.32 -0.27 0.00 | 37.10 -0.19 0.00 | 35.27 -0.32 0.00 | 32.08 -0.42 0.00 | 31.01 -0.28 0.00 | 27.32 -0.30 0.00 |
| FREEPORT_EQUS_GT1 23764 | 31.11 2.17 -2.08 | 28.07 2.02 -0.18 | 26.60 1.83 -0.37 | 24.70 1.57 0.00 | 24.27 1.55 0.00 | 24.61 1.63 0.00 | 24.98 1.63 0.00 | 24.06 1.62 0.00 | 25.96 1.94 0.00 | 28.60 2.34 0.00 | 35.40 2.50 -6.59 | 36.36 2.46 -7.11 | 36.80 2.86 -5.32 | 37.42 2.95 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.28 3.61 -3.30 | 42.13 3.76 -0.78 | 42.38 3.78 0.00 | 40.71 3.43 0.00 | 38.69 3.09 0.00 | 37.51 3.22 -1.80 | 35.71 2.97 -1.44 | 34.62 2.65 -4.34 |
| FREEPORT___CT2 23818 | 31.11 2.17 -2.08 | 28.07 2.02 -0.18 | 26.60 1.83 -0.37 | 24.70 1.57 0.00 | 24.27 1.55 0.00 | 24.61 1.63 0.00 | 24.98 1.63 0.00 | 24.06 1.62 0.00 | 25.96 1.94 0.00 | 28.60 2.34 0.00 | 35.40 2.50 -6.59 | 36.36 2.46 -7.11 | 36.80 2.86 -5.32 | 37.42 2.95 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.28 3.61 -3.30 | 42.13 3.76 -0.78 | 42.38 3.78 0.00 | 40.71 3.43 0.00 | 38.69 3.09 0.00 | 37.51 3.22 -1.80 | 35.71 2.97 -1.44 | 34.62 2.65 -4.34 |
| FRESHKLS_33_KV_LOAD 356253 | 28.52 1.66 0.00 | 27.37 1.50 0.00 | 25.62 1.22 0.00 | 24.26 1.13 0.00 | 23.84 1.11 0.00 | 24.05 1.08 0.01 | 24.44 1.10 0.01 | 23.72 1.28 0.01 | 25.47 1.47 0.01 | 28.09 1.84 0.01 | 28.20 1.89 0.01 | 28.59 1.82 0.01 | 30.87 2.26 0.01 | 31.19 2.34 0.01 | 31.74 2.51 0.01 | 33.75 2.67 0.01 | 37.26 2.89 0.01 | 40.48 2.89 0.01 | 41.59 3.01 0.01 | 40.15 2.87 0.01 | 38.01 2.42 0.01 | 35.09 2.60 0.01 | 33.77 2.47 0.00 | 29.86 2.24 0.00 |
| FULTON COGEN____ 23766 | 26.45 -0.40 0.00 | 25.48 -0.39 0.00 | 24.08 -0.32 0.00 | 22.83 -0.30 0.00 | 22.41 -0.32 0.00 | 22.66 -0.32 0.00 | 23.00 -0.35 0.00 | 22.22 -0.22 0.00 | 23.75 -0.26 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.41 -0.37 0.00 | 28.19 -0.43 0.00 | 28.43 -0.43 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.80 -0.58 0.00 | 37.05 -0.64 -0.10 | 38.08 -0.62 -0.10 | 36.84 -0.56 -0.11 | 35.20 -0.50 -0.11 | 31.99 -0.52 -0.01 | 30.83 -0.47 0.00 | 27.15 -0.47 0.00 |
| FULTON___LFGE 323630 | 29.73 2.87 0.00 | 28.69 2.82 0.00 | 26.94 2.54 0.00 | 25.55 2.43 0.00 | 25.02 2.29 0.00 | 25.35 2.37 0.00 | 25.85 2.50 0.00 | 24.94 2.49 0.00 | 26.87 2.86 0.00 | 29.46 3.20 0.00 | 29.29 2.97 0.00 | 29.83 3.05 0.00 | 31.85 3.23 0.00 | 32.18 3.32 0.00 | 32.62 3.39 0.00 | 34.84 3.76 0.00 | 38.20 3.82 0.00 | 42.75 5.15 0.00 | 43.80 5.21 0.00 | 42.28 5.00 0.00 | 40.75 5.16 0.00 | 37.15 4.65 0.00 | 35.43 4.13 0.00 | 30.99 3.37 0.00 |
| G.F.CEMENT___DRP 24184 | 29.08 2.23 0.00 | 28.06 2.20 0.00 | 26.30 1.90 0.00 | 24.98 1.85 0.00 | 24.48 1.75 0.00 | 24.80 1.82 0.00 | 25.26 1.91 0.00 | 24.31 1.86 0.00 | 26.11 2.09 0.00 | 28.75 2.49 0.00 | 28.53 2.21 0.00 | 29.00 2.22 0.00 | 31.11 2.49 0.00 | 31.11 2.25 0.00 | 31.42 2.19 0.00 | 33.51 2.42 0.00 | 36.75 2.37 0.00 | 40.60 3.01 0.00 | 42.03 3.43 0.00 | 40.79 3.50 0.00 | 39.51 3.92 0.00 | 35.98 3.48 0.00 | 34.39 3.10 0.00 | 30.24 2.62 0.00 |
| GARDENVILLE___LBMP 24039 | 25.38 -1.48 0.00 | 24.34 -1.53 0.00 | 23.01 -1.39 0.00 | 21.88 -1.25 0.00 | 21.39 -1.34 0.00 | 21.58 -1.40 0.00 | 21.76 -1.59 0.00 | 21.21 -1.23 0.00 | 23.01 -1.01 0.00 | 24.92 -1.34 0.00 | 25.50 -0.82 0.00 | 26.49 -0.29 0.00 | 27.76 -0.86 0.00 | 28.20 -0.66 0.00 | 27.97 -1.26 0.00 | 29.84 -1.24 0.00 | 33.00 -1.38 0.00 | 35.36 -2.11 0.13 | 36.30 -2.16 0.13 | 34.67 -2.42 0.19 | 33.42 -2.03 0.14 | 30.90 -1.59 0.01 | 30.20 -1.10 0.00 | 26.82 -0.80 0.00 |
| GARDNVLA_35_KV_LD 355827 | 25.46 -1.40 0.00 | 24.42 -1.45 0.00 | 23.11 -1.29 0.00 | 21.95 -1.18 0.00 | 21.48 -1.25 0.00 | 21.65 -1.33 0.00 | 21.83 -1.52 0.00 | 21.28 -1.17 0.00 | 23.10 -0.91 0.00 | 25.03 -1.23 0.00 | 25.60 -0.71 0.00 | 26.62 -0.16 0.00 | 27.90 -0.72 0.00 | 28.34 -0.52 0.00 | 28.09 -1.14 0.00 | 30.00 -1.09 0.00 | 33.18 -1.20 0.00 | 35.51 -1.95 0.13 | 36.41 -2.05 0.13 | 34.78 -2.31 0.19 | 33.53 -1.92 0.14 | 31.03 -1.46 0.01 | 30.33 -0.97 0.00 | 26.93 -0.69 0.00 |
| GELCKHM___115KV_LOAD 80723 | 26.64 -0.21 0.00 | 25.63 -0.23 0.00 | 24.23 -0.17 0.00 | 22.96 -0.16 0.00 | 22.55 -0.18 0.00 | 22.80 -0.18 0.00 | 23.14 -0.21 0.00 | 22.36 -0.09 0.00 | 23.92 -0.10 0.00 | 26.05 -0.21 0.00 | 26.13 -0.18 0.00 | 26.70 -0.08 0.00 | 28.50 -0.11 0.00 | 28.75 -0.12 0.00 | 29.06 -0.18 0.00 | 30.90 -0.19 0.00 | 34.17 -0.21 0.00 | 37.28 -0.26 0.05 | 38.31 -0.23 0.05 | 37.00 -0.22 0.06 | 35.36 -0.18 0.06 | 32.27 -0.23 0.00 | 31.14 -0.16 0.00 | 27.43 -0.19 0.00 |
| GENERAL___MILLS 23808 | 25.43 -1.42 0.00 | 24.39 -1.47 0.00 | 23.06 -1.34 0.00 | 21.92 -1.20 0.00 | 21.43 -1.30 0.00 | 21.63 -1.36 0.00 | 21.78 -1.56 0.00 | 21.23 -1.21 0.00 | 23.06 -0.96 0.00 | 24.97 -1.29 0.00 | 25.55 -0.76 0.00 | 26.57 -0.21 0.00 | 27.84 -0.77 0.00 | 28.26 -0.61 0.00 | 28.03 -1.20 0.00 | 29.93 -1.15 0.00 | 33.11 -1.27 0.00 | 35.44 -2.03 0.13 | 36.34 -2.12 0.13 | 34.71 -2.39 0.19 | 33.45 -1.99 0.14 | 30.97 -1.53 0.01 | 30.26 -1.03 0.00 | 26.90 -0.72 0.00 |
| GE_PLASTICS___DRP 24183 | 27.44 0.59 0.00 | 26.41 0.54 0.00 | 24.86 0.46 0.00 | 23.61 0.49 0.00 | 23.23 0.50 0.00 | 23.46 0.48 0.00 | 23.89 0.54 0.00 | 23.01 0.56 0.00 | 24.59 0.58 0.00 | 26.92 0.66 0.00 | 26.95 0.63 0.00 | 27.32 0.54 0.00 | 29.33 0.72 0.00 | 29.56 0.69 0.00 | 29.96 0.73 0.00 | 31.86 0.78 0.00 | 35.20 0.83 0.00 | 38.54 0.94 0.00 | 39.56 0.96 0.00 | 38.25 0.97 0.00 | 36.55 0.96 0.00 | 33.38 0.88 0.00 | 32.11 0.81 0.00 | 28.34 0.72 0.00 |
| GILBOA___1 23756 | 27.50 0.64 0.00 | 26.46 0.60 0.00 | 25.03 0.63 0.00 | 23.73 0.60 0.00 | 23.30 0.57 0.00 | 23.58 0.60 0.00 | 23.98 0.63 0.00 | 23.14 0.70 0.00 | 24.67 0.65 0.00 | 27.02 0.76 0.00 | 27.08 0.76 0.00 | 27.48 0.70 0.00 | 29.51 0.89 0.00 | 29.76 0.90 0.00 | 30.17 0.94 0.00 | 32.08 0.99 0.00 | 35.45 1.07 0.00 | 38.72 1.13 0.00 | 39.75 1.16 0.00 | 38.40 1.12 0.00 | 36.66 1.07 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.48 0.86 0.00 |
| GILBOA___2 23757 | 27.50 0.64 0.00 | 26.46 0.60 0.00 | 25.03 0.63 0.00 | 23.73 0.60 0.00 | 23.30 0.57 0.00 | 23.58 0.60 0.00 | 23.98 0.63 0.00 | 23.14 0.70 0.00 | 24.67 0.65 0.00 | 27.02 0.76 0.00 | 27.08 0.76 0.00 | 27.48 0.70 0.00 | 29.51 0.89 0.00 | 29.76 0.90 0.00 | 30.17 0.94 0.00 | 32.08 0.99 0.00 | 35.45 1.07 0.00 | 38.72 1.13 0.00 | 39.75 1.16 0.00 | 38.40 1.12 0.00 | 36.66 1.07 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.48 0.86 0.00 |

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| GILBOA___3 23758 | 27.50 0.64 0.00 | 26.46 0.60 0.00 | 25.03 0.63 0.00 | 23.73 0.60 0.00 | 23.30 0.57 0.00 | 23.58 0.60 0.00 | 23.98 0.63 0.00 | 23.14 0.70 0.00 | 24.67 0.65 0.00 | 27.02 0.76 0.00 | 27.08 0.76 0.00 | 27.48 0.70 0.00 | 29.51 0.89 0.00 | 29.76 0.90 0.00 | 30.17 0.94 0.00 | 32.08 0.99 0.00 | 35.45 1.07 0.00 | 38.72 1.13 0.00 | 39.75 1.16 0.00 | 38.40 1.12 0.00 | 36.66 1.07 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.48 0.86 0.00 |
| GILBOA___4 23759 | 27.50 0.64 0.00 | 26.46 0.60 0.00 | 25.03 0.63 0.00 | 23.73 0.60 0.00 | 23.30 0.57 0.00 | 23.58 0.60 0.00 | 23.98 0.63 0.00 | 23.14 0.70 0.00 | 24.67 0.65 0.00 | 27.02 0.76 0.00 | 27.08 0.76 0.00 | 27.48 0.70 0.00 | 29.51 0.89 0.00 | 29.76 0.90 0.00 | 30.17 0.94 0.00 | 32.08 0.99 0.00 | 35.45 1.07 0.00 | 38.72 1.13 0.00 | 39.75 1.16 0.00 | 38.40 1.12 0.00 | 36.66 1.07 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.48 0.86 0.00 |
| GILBOA___ 23599 | 27.50 0.64 0.00 | 26.46 0.59 0.00 | 24.98 0.59 0.00 | 23.68 0.56 0.00 | 23.30 0.57 0.00 | 23.56 0.57 0.00 | 23.96 0.61 0.00 | 23.10 0.65 0.00 | 24.67 0.65 0.00 | 27.02 0.76 0.00 | 27.08 0.76 0.00 | 27.48 0.70 0.00 | 29.50 0.89 0.00 | 29.76 0.89 0.00 | 30.17 0.94 0.00 | 32.08 0.99 0.00 | 35.45 1.07 0.00 | 38.72 1.13 0.00 | 39.75 1.16 0.00 | 38.40 1.12 0.00 | 36.66 1.07 0.00 | 33.51 1.01 0.00 | 32.23 0.94 0.00 | 28.48 0.86 0.00 |
| GINNA___ 23603 | 25.13 -1.72 0.00 | 24.21 -1.66 0.00 | 22.81 -1.59 0.00 | 21.58 -1.55 0.00 | 21.25 -1.48 0.00 | 21.42 -1.56 0.00 | 21.65 -1.70 0.00 | 21.05 -1.39 0.00 | 22.72 -1.30 0.00 | 24.76 -1.50 0.00 | 25.03 -1.29 0.00 | 25.71 -1.07 0.00 | 27.24 -1.37 0.00 | 27.45 -1.41 0.00 | 27.54 -1.70 0.00 | 29.38 -1.71 0.00 | 32.42 -1.96 0.00 | 35.46 -1.99 0.14 | 36.40 -2.05 0.15 | 35.28 -1.83 0.18 | 33.69 -1.74 0.16 | 30.64 -1.85 0.01 | 29.61 -1.69 0.00 | 26.07 -1.55 0.00 |
| GLEN PARK___ 23778 | 26.24 -0.62 0.00 | 25.40 -0.46 0.00 | 23.98 -0.41 0.00 | 22.64 -0.49 0.00 | 22.25 -0.48 0.00 | 22.45 -0.53 0.00 | 22.74 -0.61 0.00 | 21.91 -0.54 0.00 | 23.32 -0.70 0.00 | 25.66 -0.60 0.00 | 25.58 -0.74 0.00 | 26.00 -0.78 0.00 | 27.73 -0.89 0.00 | 27.97 -0.89 0.00 | 28.36 -0.88 0.00 | 30.15 -0.93 0.00 | 33.66 -0.72 0.00 | 37.21 -0.41 -0.03 | 38.39 -0.23 -0.03 | 37.20 -0.11 -0.03 | 35.48 -0.14 -0.03 | 32.47 -0.03 0.00 | 31.11 -0.19 0.00 | 27.40 -0.22 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 28.71 1.85 0.00 | 27.57 1.71 0.00 | 25.84 1.44 0.00 | 24.47 1.34 0.00 | 24.07 1.34 0.00 | 24.34 1.36 0.00 | 24.70 1.35 0.00 | 23.97 1.53 0.00 | 25.75 1.73 0.00 | 28.36 2.10 0.00 | 28.45 2.13 0.00 | 28.84 2.06 0.00 | 31.11 2.49 0.00 | 31.43 2.57 0.00 | 31.92 2.69 0.00 | 33.94 2.86 0.00 | 37.54 3.16 0.00 | 40.83 3.23 0.00 | 41.91 3.32 0.00 | 40.45 3.17 0.00 | 38.33 2.74 0.00 | 35.30 2.80 0.00 | 33.96 2.66 0.00 | 30.02 2.40 0.00 |
| GLENWOOD_IC_1_G5 23712 | 31.05 2.12 -2.08 | 28.02 1.97 -0.18 | 26.50 1.73 -0.37 | 24.63 1.50 0.00 | 24.23 1.50 0.00 | 24.52 1.54 0.00 | 24.89 1.54 0.00 | 24.02 1.57 0.00 | 25.91 1.90 0.00 | 28.60 2.34 0.00 | 35.38 2.47 -6.59 | 36.33 2.44 -7.11 | 36.80 2.86 -5.32 | 37.39 2.92 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.29 3.61 -3.30 | 42.09 3.72 -0.78 | 42.34 3.74 0.00 | 40.75 3.47 0.00 | 38.65 3.06 0.00 | 37.45 3.15 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |
| GLENWOOD_IC_2_G1 23688 | 30.97 2.04 -2.08 | 27.94 1.89 -0.18 | 26.47 1.71 -0.37 | 24.63 1.50 0.00 | 24.20 1.48 0.00 | 24.52 1.54 0.00 | 24.91 1.56 0.00 | 24.02 1.57 0.00 | 25.89 1.87 0.00 | 28.49 2.23 0.00 | 35.27 2.37 -6.59 | 36.22 2.33 -7.11 | 36.66 2.72 -5.32 | 37.27 2.80 -5.61 | 37.58 2.92 -5.43 | 37.90 3.14 -3.68 | 41.11 3.44 -3.30 | 41.90 3.53 -0.78 | 42.18 3.59 0.00 | 40.53 3.24 0.00 | 38.54 2.95 0.00 | 37.35 3.05 -1.80 | 35.56 2.82 -1.44 | 34.48 2.51 -4.34 |
| GLENWOOD_IC_3_G1 23689 | 30.97 2.04 -2.08 | 27.94 1.89 -0.18 | 26.47 1.71 -0.37 | 24.63 1.50 0.00 | 24.20 1.48 0.00 | 24.52 1.54 0.00 | 24.91 1.56 0.00 | 24.02 1.57 0.00 | 25.89 1.87 0.00 | 28.49 2.23 0.00 | 35.27 2.37 -6.59 | 36.22 2.33 -7.11 | 36.66 2.72 -5.32 | 37.27 2.80 -5.61 | 37.58 2.92 -5.43 | 37.90 3.14 -3.68 | 41.11 3.44 -3.30 | 41.90 3.53 -0.78 | 42.18 3.59 0.00 | 40.53 3.24 0.00 | 38.54 2.95 0.00 | 37.35 3.05 -1.80 | 35.56 2.82 -1.44 | 34.48 2.51 -4.34 |
| GLENWOOD___4 23550 | 31.05 2.12 -2.08 | 28.02 1.97 -0.18 | 26.50 1.73 -0.37 | 24.63 1.50 0.00 | 24.23 1.50 0.00 | 24.52 1.54 0.00 | 24.89 1.54 0.00 | 24.02 1.57 0.00 | 25.91 1.90 0.00 | 28.60 2.34 0.00 | 35.38 2.47 -6.59 | 36.33 2.44 -7.11 | 36.80 2.86 -5.32 | 37.39 2.92 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.29 3.61 -3.30 | 42.09 3.72 -0.78 | 42.34 3.74 0.00 | 40.75 3.47 0.00 | 38.65 3.06 0.00 | 37.45 3.15 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |
| GLENWOOD___5 23614 | 31.05 2.12 -2.08 | 28.02 1.97 -0.18 | 26.50 1.73 -0.37 | 24.63 1.50 0.00 | 24.23 1.50 0.00 | 24.52 1.54 0.00 | 24.89 1.54 0.00 | 24.02 1.57 0.00 | 25.91 1.90 0.00 | 28.60 2.34 0.00 | 35.38 2.47 -6.59 | 36.33 2.44 -7.11 | 36.80 2.86 -5.32 | 37.39 2.92 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.29 3.61 -3.30 | 42.09 3.72 -0.78 | 42.34 3.74 0.00 | 40.75 3.47 0.00 | 38.65 3.06 0.00 | 37.45 3.15 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |
| GLOBAL GREEN_PORT_GT1 23814 | 32.18 3.25 -2.08 | 29.13 3.08 -0.18 | 27.62 2.85 -0.37 | 25.55 2.43 0.00 | 25.11 2.39 0.00 | 25.58 2.60 0.00 | 25.96 2.61 0.00 | 24.85 2.40 0.00 | 26.97 2.95 0.00 | 29.78 3.52 0.00 | 36.90 4.00 -6.59 | 38.04 4.15 -7.11 | 38.58 4.64 -5.32 | 39.21 4.73 -5.61 | 39.57 4.91 -5.43 | 40.01 5.25 -3.68 | 43.61 5.88 -3.35 | 44.51 6.13 -0.79 | 44.82 6.21 -0.01 | 42.84 5.56 0.00 | 40.54 4.95 0.00 | 39.30 5.00 -1.80 | 37.06 4.32 -1.44 | 35.72 3.76 -4.34 |
| GLOBE___DSASP 323697 | 24.65 -2.20 0.00 | 23.67 -2.20 0.00 | 22.40 -2.00 0.00 | 21.28 -1.85 0.00 | 20.80 -1.93 0.00 | 20.98 -2.00 0.00 | 21.13 -2.22 0.00 | 20.63 -1.82 0.00 | 22.38 -1.63 0.00 | 24.24 -2.02 0.00 | 24.74 -1.58 0.00 | 25.74 -1.04 0.00 | 26.93 -1.69 0.00 | 27.28 -1.59 0.00 | 27.04 -2.19 0.00 | 28.85 -2.24 0.00 | 31.84 -2.54 0.00 | 34.49 -2.97 0.14 | 35.33 -3.13 0.14 | 33.74 -3.36 0.19 | 32.59 -2.85 0.15 | 29.86 -2.63 0.01 | 29.20 -2.10 0.00 | 25.93 -1.68 0.00 |
| GOETHSLN___LBMP 323567 | 28.46 1.61 0.00 | 27.34 1.47 0.00 | 25.62 1.22 0.00 | 24.26 1.13 0.00 | 23.89 1.16 0.00 | 24.18 1.20 0.00 | 24.56 1.21 0.00 | 23.82 1.37 0.00 | 25.58 1.56 0.00 | 28.15 1.89 0.00 | 28.26 1.95 0.00 | 28.63 1.85 0.00 | 30.88 2.26 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.73 2.64 0.00 | 37.27 2.89 0.00 | 40.49 2.89 0.00 | 41.60 3.01 0.00 | 40.19 2.91 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.61 2.32 0.00 | 29.72 2.10 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 25.94 -0.91 0.00 | 24.99 -0.88 0.00 | 23.62 -0.78 0.00 | 22.39 -0.74 0.00 | 21.96 -0.77 0.00 | 22.18 -0.80 0.00 | 22.37 -0.98 0.00 | 21.68 -0.76 0.00 | 23.39 -0.62 0.00 | 25.37 -0.89 0.00 | 25.76 -0.55 0.00 | 26.59 -0.19 0.00 | 28.02 -0.60 0.00 | 28.34 -0.52 0.00 | 28.35 -0.88 0.00 | 30.31 -0.78 0.00 | 33.52 -0.86 0.00 | 36.55 -0.90 0.14 | 37.64 -0.81 0.15 | 36.17 -0.93 0.19 | 34.79 -0.64 0.16 | 31.71 -0.78 0.01 | 30.76 -0.53 0.00 | 27.12 -0.50 0.00 |

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| GOODYEAR_LAKE_HYD 323669 | 27.82 0.97 0.00 | 26.82 0.96 0.00 | 25.30 0.90 0.00 | 23.94 0.81 0.00 | 23.52 0.80 0.00 | 23.79 0.80 0.00 | 24.17 0.82 0.00 | 23.34 0.90 0.00 | 24.95 0.94 0.00 | 27.44 1.18 0.00 | 27.47 1.16 0.00 | 27.99 1.21 0.00 | 29.90 1.29 0.00 | 30.19 1.33 0.00 | 30.63 1.40 0.00 | 32.48 1.40 0.00 | 35.96 1.58 0.00 | 39.44 1.84 0.00 | 40.52 1.93 0.00 | 39.07 1.79 0.00 | 37.23 1.64 0.00 | 34.09 1.59 0.00 | 32.74 1.44 0.00 | 28.86 1.24 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 26.93 0.08 0.00 | 25.89 0.03 0.00 | 24.45 0.05 0.00 | 23.17 0.05 0.00 | 22.75 0.02 0.00 | 22.98 0.00 0.00 | 23.33 -0.02 0.00 | 22.58 0.13 0.00 | 24.16 0.14 0.00 | 26.39 0.13 0.00 | 26.55 0.24 0.00 | 27.16 0.37 0.00 | 28.96 0.34 0.00 | 29.27 0.40 0.00 | 29.49 0.26 0.00 | 31.43 0.34 0.00 | 34.76 0.38 0.00 | 37.78 0.23 0.04 | 38.82 0.27 0.04 | 37.46 0.22 0.04 | 35.76 0.21 0.04 | 32.79 0.29 0.00 | 31.64 0.34 0.00 | 27.95 0.33 0.00 |
| GOUDEY___7 23579 | 26.96 0.11 0.00 | 25.92 0.05 0.00 | 24.47 0.07 0.00 | 23.20 0.07 0.00 | 22.77 0.05 0.00 | 23.00 0.02 0.00 | 23.35 0.00 0.00 | 22.60 0.16 0.00 | 24.19 0.17 0.00 | 26.42 0.16 0.00 | 26.58 0.26 0.00 | 27.18 0.40 0.00 | 28.99 0.37 0.00 | 29.30 0.43 0.00 | 29.55 0.32 0.00 | 31.46 0.37 0.00 | 34.79 0.41 0.00 | 37.82 0.26 0.04 | 38.86 0.31 0.04 | 37.50 0.26 0.04 | 35.80 0.25 0.04 | 32.82 0.33 0.00 | 31.67 0.38 0.00 | 27.98 0.36 0.00 |
| GOUDEY___8 23580 | 26.93 0.08 0.00 | 25.89 0.03 0.00 | 24.45 0.05 0.00 | 23.17 0.05 0.00 | 22.75 0.02 0.00 | 22.98 0.00 0.00 | 23.33 -0.02 0.00 | 22.58 0.13 0.00 | 24.16 0.14 0.00 | 26.39 0.13 0.00 | 26.55 0.24 0.00 | 27.16 0.37 0.00 | 28.96 0.34 0.00 | 29.27 0.40 0.00 | 29.49 0.26 0.00 | 31.43 0.34 0.00 | 34.76 0.38 0.00 | 37.78 0.23 0.04 | 38.82 0.27 0.04 | 37.46 0.22 0.04 | 35.76 0.21 0.04 | 32.79 0.29 0.00 | 31.64 0.34 0.00 | 27.95 0.33 0.00 |
| GOWANUS_GT1_1 24077 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_2 24078 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_3 24079 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_4 24080 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_5 24084 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_6 24111 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_7 24112 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT1_8 24113 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |
| GOWANUS_GT2_1 24114 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| GOWANUS_GT2_2 24115 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| GOWANUS_GT2_3 24116 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 26.80 -0.05 0.00 | 25.79 -0.08 0.00 | 24.40 0.00 0.00 | 23.10 -0.02 0.00 | 22.68 -0.05 0.00 | 22.91 -0.07 0.00 | 23.28 -0.07 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.94 0.16 0.00 | 28.73 0.11 0.00 | 29.01 0.14 0.00 | 29.29 0.06 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.63 0.04 0.00 | 38.67 0.08 0.00 | 37.36 0.07 0.00 | 35.70 0.11 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.65 0.03 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.80 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.49 -0.86 0.00 | 21.53 -0.92 0.00 | 22.99 -1.03 0.00 | 25.26 -1.00 0.00 | 25.23 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.30 0.00 | 33.25 -1.13 0.00 | 36.58 -1.01 0.00 | 37.63 -0.96 0.00 | 36.39 -0.90 0.00 | 34.70 -0.89 0.00 | 31.66 -0.85 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 26.77 -0.08 0.00 | 25.81 -0.05 0.00 | 24.35 -0.05 0.00 | 23.03 -0.09 0.00 | 22.61 -0.11 0.00 | 22.84 -0.14 0.00 | 23.21 -0.14 0.00 | 22.38 -0.07 0.00 | 23.99 -0.02 0.00 | 26.34 0.08 0.00 | 26.39 0.08 0.00 | 26.89 0.11 0.00 | 28.76 0.14 0.00 | 29.07 0.20 0.00 | 29.46 0.23 0.00 | 31.30 0.22 0.00 | 34.59 0.21 0.00 | 37.89 0.30 0.00 | 38.94 0.35 0.00 | 37.58 0.30 0.00 | 35.81 0.21 0.00 | 32.66 0.16 0.00 | 31.39 0.09 0.00 | 27.73 0.11 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.50 1.10 0.00 | 24.14 1.02 0.00 | 23.75 1.02 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.57 1.12 0.00 | 25.31 1.30 0.00 | 27.84 1.58 0.00 | 27.97 1.66 0.00 | 28.33 1.55 0.00 | 30.56 1.95 0.00 | 30.80 1.93 0.00 | 31.28 2.05 0.00 | 33.29 2.21 0.00 | 36.86 2.48 0.00 | 40.15 2.56 0.00 | 41.26 2.66 0.00 | 39.82 2.54 0.00 | 37.83 2.24 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| HARSNRAD_115KV_TB1 81005 | 25.13 -1.72 0.00 | 24.16 -1.71 0.00 | 22.84 -1.56 0.00 | 21.69 -1.43 0.00 | 21.21 -1.52 0.00 | 21.40 -1.59 0.00 | 21.55 -1.80 0.00 | 21.03 -1.41 0.00 | 22.84 -1.18 0.00 | 24.71 -1.55 0.00 | 25.24 -1.08 0.00 | 26.25 -0.54 0.00 | 27.47 -1.14 0.00 | 27.85 -1.01 0.00 | 27.62 -1.61 0.00 | 29.47 -1.62 0.00 | 32.56 -1.82 0.00 | 35.20 -2.26 0.14 | 36.10 -2.35 0.14 | 34.52 -2.57 0.19 | 33.30 -2.14 0.15 | 30.57 -1.92 0.01 | 29.86 -1.44 0.00 | 26.49 -1.13 0.00 |
| HARZA MOOSE___RIVER 24016 | 26.66 -0.19 0.00 | 25.76 -0.10 0.00 | 24.33 -0.07 0.00 | 22.99 -0.14 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.16 -0.19 0.00 | 22.31 -0.13 0.00 | 23.83 -0.19 0.00 | 26.21 -0.05 0.00 | 26.18 -0.13 0.00 | 26.67 -0.11 0.00 | 28.47 -0.14 0.00 | 28.78 -0.09 0.00 | 29.17 -0.06 0.00 | 30.99 -0.09 0.00 | 34.55 0.17 0.00 | 38.01 0.41 0.00 | 39.06 0.46 0.00 | 37.73 0.45 0.00 | 35.98 0.39 0.00 | 32.92 0.42 0.00 | 31.61 0.31 0.00 | 27.87 0.25 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 26.66 -0.19 0.00 | 25.66 -0.21 0.00 | 24.25 -0.15 0.00 | 22.99 -0.14 0.00 | 22.57 -0.16 0.00 | 22.80 -0.18 0.00 | 23.16 -0.19 0.00 | 22.38 -0.07 0.00 | 23.95 -0.07 0.00 | 26.08 -0.18 0.00 | 26.16 -0.16 0.00 | 26.73 -0.05 0.00 | 28.53 -0.09 0.00 | 28.81 -0.06 0.00 | 29.09 -0.15 0.00 | 30.96 -0.12 0.00 | 34.21 -0.17 0.00 | 37.35 -0.19 0.06 | 38.34 -0.19 0.06 | 37.03 -0.19 0.07 | 35.38 -0.14 0.07 | 32.33 -0.16 0.00 | 31.17 -0.13 0.00 | 27.45 -0.17 0.00 |
| HELLGATE_13_KV_LD 55870 | 28.60 1.75 0.00 | 27.47 1.60 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 24.00 1.27 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.75 2.51 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 28.60 1.75 0.00 | 27.47 1.60 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 24.00 1.27 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.75 2.51 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.26 0.00 |
| HEMPSTEAD____ 23647 | 30.89 1.96 -2.08 | 27.89 1.84 -0.18 | 26.43 1.66 -0.37 | 24.56 1.43 0.00 | 24.11 1.39 0.00 | 24.45 1.47 0.00 | 24.84 1.50 0.00 | 23.93 1.48 0.00 | 25.82 1.80 0.00 | 28.41 2.15 0.00 | 35.22 2.32 -6.59 | 36.14 2.25 -7.11 | 36.57 2.63 -5.32 | 37.19 2.71 -5.61 | 37.49 2.83 -5.43 | 37.81 3.05 -3.68 | 41.05 3.37 -3.30 | 41.83 3.46 -0.78 | 42.10 3.51 0.00 | 40.42 3.13 0.00 | 38.40 2.81 0.00 | 37.25 2.96 -1.80 | 35.46 2.72 -1.44 | 34.39 2.43 -4.34 |
| HEWLETT_69_KV_BK3 55828 | 31.16 2.23 -2.08 | 28.12 2.07 -0.18 | 26.60 1.83 -0.37 | 24.72 1.60 0.00 | 24.32 1.59 0.00 | 24.61 1.63 0.00 | 24.96 1.61 0.00 | 24.11 1.66 0.00 | 26.01 1.99 0.00 | 28.70 2.44 0.00 | 35.45 2.55 -6.59 | 36.41 2.52 -7.11 | 36.89 2.95 -5.32 | 37.45 2.97 -5.61 | 37.76 3.10 -5.43 | 38.09 3.33 -3.68 | 41.32 3.64 -3.30 | 42.13 3.76 -0.78 | 42.41 3.82 0.00 | 40.83 3.54 0.00 | 38.76 3.17 0.00 | 37.58 3.28 -1.80 | 35.80 3.07 -1.44 | 34.67 2.71 -4.34 |
| HICKLING___1 23621 | 25.86 -0.99 0.00 | 24.75 -1.11 0.00 | 23.40 -1.00 0.00 | 22.22 -0.90 0.00 | 21.77 -0.95 0.00 | 21.95 -1.03 0.00 | 22.23 -1.12 0.00 | 21.64 -0.81 0.00 | 23.22 -0.79 0.00 | 25.29 -0.97 0.00 | 25.74 -0.58 0.00 | 26.67 -0.11 0.00 | 28.16 -0.46 0.00 | 28.55 -0.32 0.00 | 28.47 -0.76 0.00 | 30.46 -0.62 0.00 | 33.69 -0.69 0.00 | 36.05 -1.47 0.08 | 37.12 -1.39 0.08 | 35.67 -1.42 0.20 | 34.25 -1.25 0.09 | 31.72 -0.78 0.00 | 30.83 -0.47 0.00 | 27.26 -0.36 0.00 |
| HICKLING___2 23622 | 25.86 -0.99 0.00 | 24.75 -1.11 0.00 | 23.40 -1.00 0.00 | 22.22 -0.90 0.00 | 21.77 -0.95 0.00 | 21.95 -1.03 0.00 | 22.23 -1.12 0.00 | 21.64 -0.81 0.00 | 23.22 -0.79 0.00 | 25.29 -0.97 0.00 | 25.74 -0.58 0.00 | 26.67 -0.11 0.00 | 28.16 -0.46 0.00 | 28.55 -0.32 0.00 | 28.47 -0.76 0.00 | 30.46 -0.62 0.00 | 33.69 -0.69 0.00 | 36.05 -1.47 0.08 | 37.12 -1.39 0.08 | 35.67 -1.42 0.20 | 34.25 -1.25 0.09 | 31.72 -0.78 0.00 | 30.83 -0.47 0.00 | 27.26 -0.36 0.00 |
| HIGH FALLS___HY 23754 | 28.36 1.50 0.00 | 27.24 1.37 0.00 | 25.64 1.24 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.11 1.13 0.00 | 24.45 1.10 0.00 | 23.59 1.14 0.00 | 25.36 1.34 0.00 | 27.89 1.63 0.00 | 28.03 1.71 0.00 | 28.39 1.61 0.00 | 30.62 2.00 0.00 | 30.85 1.99 0.00 | 31.37 2.13 0.00 | 33.39 2.30 0.00 | 37.03 2.65 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.04 2.76 0.00 | 37.98 2.38 0.00 | 34.78 2.28 0.00 | 33.42 2.13 0.00 | 29.53 1.91 0.00 |
| HIGH_RIVER___SOLAR 323847 | 28.03 1.18 0.00 | 27.00 1.14 0.00 | 25.45 1.05 0.00 | 24.12 0.99 0.00 | 23.68 0.95 0.00 | 23.97 0.99 0.00 | 24.35 1.00 0.00 | 23.39 0.94 0.00 | 24.98 0.96 0.00 | 27.28 1.02 0.00 | 27.16 0.84 0.00 | 27.61 0.83 0.00 | 29.59 0.97 0.00 | 29.81 0.95 0.00 | 30.34 1.11 0.00 | 32.33 1.24 0.00 | 35.72 1.34 0.00 | 39.40 1.80 0.00 | 40.52 1.93 0.00 | 39.18 1.90 0.00 | 37.62 2.03 0.00 | 34.35 1.85 0.00 | 32.98 1.69 0.00 | 29.05 1.44 0.00 |

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| HQ_GEN_CEDARS 23644 | 26.42 -0.43 0.00 | 25.53 -0.34 0.00 | 24.08 -0.32 0.00 | 22.83 -0.30 0.00 | 22.43 -0.30 0.00 | 22.71 -0.28 0.00 | 23.05 -0.30 0.00 | 21.95 -0.49 0.00 | 23.46 -0.55 0.00 | 25.76 -0.50 0.00 | 25.79 -0.53 0.00 | 26.27 -0.51 0.00 | 27.93 -0.69 0.00 | 28.17 -0.69 0.00 | 28.56 -0.67 0.00 | 30.37 -0.71 0.00 | 33.69 -0.69 0.00 | 36.92 -0.68 0.00 | 37.82 -0.77 0.00 | 36.61 -0.67 0.00 | 34.92 -0.68 0.00 | 31.85 -0.65 0.00 | 30.73 -0.56 0.00 | 27.09 -0.52 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 26.42 -0.43 0.00 | 25.53 -0.34 0.00 | 24.08 -0.32 0.00 | 22.82 -0.30 0.00 | 22.43 -0.30 0.00 | 22.71 -0.27 0.00 | 23.05 -0.30 0.00 | 21.95 -0.49 0.00 | 23.49 -0.53 0.00 | 25.76 -0.50 0.00 | 25.79 -0.53 0.00 | 26.27 -0.51 0.00 | 27.90 -0.71 0.00 | 28.17 -0.69 0.00 | 28.56 -0.67 0.00 | 30.37 -0.71 0.00 | 33.69 -0.69 0.00 | 36.88 -0.72 0.00 | 37.82 -0.77 0.00 | 36.57 -0.71 0.00 | 34.91 -0.68 0.00 | 31.82 -0.68 0.00 | 30.73 -0.56 0.00 | 27.09 -0.53 0.00 |
| HQ_GEN_IMPORT 323601 | 26.58 -0.27 0.00 | 25.61 -0.26 0.00 | 24.15 -0.24 0.00 | 22.92 -0.21 0.00 | 22.52 -0.20 0.00 | 22.77 -0.21 0.00 | 23.14 -0.21 0.00 | 22.09 -0.36 0.00 | 23.63 -0.39 0.00 | 25.87 -0.39 0.00 | 25.92 -0.39 0.00 | 26.38 -0.40 0.00 | 28.10 -0.51 0.00 | 28.34 -0.52 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.83 -0.55 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.69 -0.60 0.00 | 34.99 -0.61 0.00 | 31.95 -0.55 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| HQ_GEN_WHEEL 23651 | 26.58 -0.27 0.00 | 25.61 -0.26 0.00 | 24.15 -0.24 0.00 | 22.92 -0.21 0.00 | 22.52 -0.20 0.00 | 22.77 -0.21 0.00 | 23.14 -0.21 0.00 | 22.09 -0.36 0.00 | 23.63 -0.39 0.00 | 25.87 -0.39 0.00 | 25.92 -0.39 0.00 | 26.38 -0.40 0.00 | 28.10 -0.51 0.00 | 28.34 -0.52 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.83 -0.55 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.69 -0.60 0.00 | 34.99 -0.61 0.00 | 31.95 -0.55 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| HUDSON AVE_GT_3 23810 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.41 3.03 0.00 | 40.68 3.08 0.00 | 41.80 3.20 0.00 | 40.34 3.06 0.00 | 38.26 2.67 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| HUDSON AVE_GT_4 23540 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.41 3.03 0.00 | 40.68 3.08 0.00 | 41.80 3.20 0.00 | 40.34 3.06 0.00 | 38.26 2.67 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| HUDSON AVE_GT_5 23657 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.41 3.03 0.00 | 40.68 3.08 0.00 | 41.80 3.20 0.00 | 40.34 3.06 0.00 | 38.26 2.67 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| HUDSON_AVE_10 24168 | 28.52 1.66 0.00 | 27.39 1.53 0.00 | 25.69 1.29 0.00 | 24.31 1.18 0.00 | 23.93 1.20 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.64 3.05 0.00 | 41.72 3.13 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.80 2.18 0.00 |
| HUDSON___115KV_TB 4 355613 | 27.87 1.02 0.00 | 26.87 1.01 0.00 | 25.28 0.88 0.00 | 24.00 0.88 0.00 | 23.61 0.89 0.00 | 23.85 0.87 0.00 | 24.24 0.89 0.00 | 23.25 0.81 0.00 | 24.86 0.84 0.00 | 27.18 0.92 0.00 | 27.13 0.82 0.00 | 27.48 0.70 0.00 | 29.53 0.92 0.00 | 29.73 0.87 0.00 | 30.14 0.91 0.00 | 32.11 1.03 0.00 | 35.51 1.13 0.00 | 39.10 1.50 0.00 | 40.14 1.54 0.00 | 38.92 1.64 0.00 | 37.34 1.74 0.00 | 34.03 1.53 0.00 | 32.67 1.38 0.00 | 28.81 1.19 0.00 |
| HUNTER MOUNT___DRP 323613 | 27.95 1.10 0.00 | 26.93 1.06 0.00 | 25.37 0.98 0.00 | 24.10 0.97 0.00 | 23.68 0.95 0.00 | 23.92 0.94 0.00 | 24.28 0.93 0.00 | 23.25 0.81 0.00 | 24.83 0.82 0.00 | 27.13 0.87 0.00 | 27.08 0.76 0.00 | 27.42 0.64 0.00 | 29.48 0.86 0.00 | 29.58 0.72 0.00 | 30.02 0.79 0.00 | 32.02 0.93 0.00 | 35.41 1.03 0.00 | 39.06 1.47 0.00 | 40.14 1.54 0.00 | 38.92 1.64 0.00 | 37.41 1.82 0.00 | 34.06 1.56 0.00 | 32.70 1.41 0.00 | 28.86 1.24 0.00 |
| HUNTINGTON_RES_REC 323705 | 30.95 2.01 -2.08 | 27.91 1.86 -0.18 | 26.47 1.71 -0.37 | 24.56 1.43 0.00 | 24.14 1.41 0.00 | 24.50 1.52 0.00 | 24.87 1.52 0.00 | 23.90 1.46 0.00 | 25.84 1.82 0.00 | 28.47 2.21 0.00 | 35.27 2.37 -6.59 | 36.20 2.30 -7.11 | 36.63 2.69 -5.32 | 37.25 2.77 -5.61 | 37.58 2.92 -5.43 | 37.90 3.14 -3.68 | 41.34 3.51 -3.45 | 42.02 3.61 -0.81 | 42.26 3.63 -0.04 | 40.49 3.21 0.00 | 38.44 2.85 0.00 | 37.32 3.02 -1.80 | 35.46 2.72 -1.44 | 34.45 2.49 -4.34 |
| HUNTLEY___63 23557 | 25.27 -1.58 0.00 | 24.26 -1.60 0.00 | 22.96 -1.44 0.00 | 21.81 -1.32 0.00 | 21.34 -1.39 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.14 -1.30 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.45 -0.87 0.00 | 26.46 -0.32 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.86 -1.37 0.00 | 29.72 -1.37 0.00 | 32.87 -1.51 0.00 | 35.43 -2.03 0.13 | 36.33 -2.12 0.14 | 34.63 -2.46 0.19 | 33.45 -1.99 0.15 | 30.74 -1.76 0.01 | 30.08 -1.22 0.00 | 26.68 -0.94 0.00 |
| HUNTLEY___64 23558 | 25.27 -1.58 0.00 | 24.26 -1.60 0.00 | 22.96 -1.44 0.00 | 21.81 -1.32 0.00 | 21.34 -1.39 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.14 -1.30 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.45 -0.87 0.00 | 26.46 -0.32 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.86 -1.37 0.00 | 29.72 -1.37 0.00 | 32.87 -1.51 0.00 | 35.43 -2.03 0.13 | 36.33 -2.12 0.14 | 34.63 -2.46 0.19 | 33.45 -1.99 0.15 | 30.74 -1.76 0.01 | 30.08 -1.22 0.00 | 26.68 -0.94 0.00 |
| HUNTLEY___65 23559 | 25.27 -1.58 0.00 | 24.26 -1.60 0.00 | 22.96 -1.44 0.00 | 21.81 -1.32 0.00 | 21.34 -1.39 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.14 -1.30 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.45 -0.87 0.00 | 26.46 -0.32 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.86 -1.37 0.00 | 29.72 -1.37 0.00 | 32.87 -1.51 0.00 | 35.43 -2.03 0.13 | 36.33 -2.12 0.14 | 34.63 -2.46 0.19 | 33.45 -1.99 0.15 | 30.74 -1.76 0.01 | 30.08 -1.22 0.00 | 26.68 -0.94 0.00 |
| HUNTLEY___66 23560 | 25.27 -1.58 0.00 | 24.26 -1.60 0.00 | 22.96 -1.44 0.00 | 21.81 -1.32 0.00 | 21.34 -1.39 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.14 -1.30 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.45 -0.87 0.00 | 26.46 -0.32 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.86 -1.37 0.00 | 29.72 -1.37 0.00 | 32.87 -1.51 0.00 | 35.43 -2.03 0.13 | 36.33 -2.12 0.14 | 34.63 -2.46 0.19 | 33.45 -1.99 0.15 | 30.74 -1.76 0.01 | 30.08 -1.22 0.00 | 26.68 -0.94 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| HUNTLEY___67 23561 | 25.16 -1.69 0.00 | 24.13 -1.73 0.00 | 22.84 -1.56 0.00 | 21.69 -1.43 0.00 | 21.21 -1.52 0.00 | 21.40 -1.59 0.00 | 21.55 -1.80 0.00 | 21.03 -1.41 0.00 | 22.82 -1.20 0.00 | 24.71 -1.55 0.00 | 25.24 -1.08 0.00 | 26.25 -0.54 0.00 | 27.50 -1.12 0.00 | 27.88 -0.98 0.00 | 27.65 -1.58 0.00 | 29.53 -1.55 0.00 | 32.63 -1.75 0.00 | 35.13 -2.33 0.13 | 36.02 -2.43 0.14 | 34.41 -2.68 0.19 | 33.20 -2.24 0.15 | 30.57 -1.92 0.01 | 29.86 -1.44 0.00 | 26.51 -1.10 0.00 |
| HUNTLEY___68 23562 | 25.16 -1.69 0.00 | 24.13 -1.73 0.00 | 22.84 -1.56 0.00 | 21.69 -1.43 0.00 | 21.21 -1.52 0.00 | 21.40 -1.59 0.00 | 21.55 -1.80 0.00 | 21.03 -1.41 0.00 | 22.82 -1.20 0.00 | 24.71 -1.55 0.00 | 25.24 -1.08 0.00 | 26.25 -0.54 0.00 | 27.50 -1.12 0.00 | 27.88 -0.98 0.00 | 27.65 -1.58 0.00 | 29.53 -1.55 0.00 | 32.63 -1.75 0.00 | 35.13 -2.33 0.13 | 36.02 -2.43 0.14 | 34.41 -2.68 0.19 | 33.20 -2.24 0.15 | 30.57 -1.92 0.01 | 29.86 -1.44 0.00 | 26.51 -1.10 0.00 |
| HYLAND___LFGE 323620 | 26.80 -0.05 0.00 | 25.79 -0.08 0.00 | 24.30 -0.10 0.00 | 22.97 -0.16 0.00 | 22.61 -0.11 0.00 | 22.77 -0.21 0.00 | 22.86 -0.49 0.00 | 21.97 -0.47 0.00 | 23.15 -0.86 0.00 | 25.00 -1.26 0.00 | 25.03 -1.29 0.00 | 25.87 -0.91 0.00 | 27.42 -1.20 0.00 | 27.77 -1.10 0.00 | 27.80 -1.43 0.00 | 29.78 -1.30 0.00 | 33.18 -1.20 0.00 | 36.50 -0.98 0.12 | 38.12 -0.35 0.12 | 37.54 0.45 0.19 | 36.21 0.75 0.13 | 33.08 0.59 0.01 | 32.02 0.72 0.00 | 28.17 0.55 0.00 |
| INDECK___CORINTH 23802 | 29.00 2.15 0.00 | 27.99 2.12 0.00 | 26.25 1.85 0.00 | 24.93 1.80 0.00 | 24.43 1.71 0.00 | 24.78 1.79 0.00 | 25.22 1.87 0.00 | 24.29 1.84 0.00 | 26.13 2.11 0.00 | 28.70 2.44 0.00 | 28.42 2.11 0.00 | 28.92 2.14 0.00 | 30.99 2.37 0.00 | 30.97 2.11 0.00 | 31.28 2.05 0.00 | 33.35 2.27 0.00 | 36.58 2.20 0.00 | 40.42 2.82 0.00 | 41.91 3.32 0.00 | 40.68 3.39 0.00 | 39.44 3.85 0.00 | 35.91 3.41 0.00 | 34.33 3.03 0.00 | 30.16 2.54 0.00 |
| INDECK___ILION 23567 | 26.99 0.13 0.00 | 26.00 0.13 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.82 0.09 0.00 | 23.05 0.07 0.00 | 23.42 0.07 0.00 | 22.58 0.13 0.00 | 24.16 0.14 0.00 | 26.47 0.21 0.00 | 26.53 0.21 0.00 | 27.00 0.21 0.00 | 28.87 0.26 0.00 | 29.15 0.29 0.00 | 29.52 0.29 0.00 | 31.36 0.28 0.00 | 34.69 0.31 0.00 | 38.01 0.41 0.00 | 39.02 0.42 0.00 | 37.66 0.37 0.00 | 35.91 0.32 0.00 | 32.79 0.29 0.00 | 31.55 0.25 0.00 | 27.87 0.25 0.00 |
| INDECK___OLEAN 23982 | 25.51 -1.34 0.00 | 24.39 -1.47 0.00 | 23.13 -1.27 0.00 | 21.92 -1.20 0.00 | 21.55 -1.18 0.00 | 21.63 -1.36 0.00 | 21.85 -1.49 0.00 | 21.26 -1.19 0.00 | 22.99 -1.03 0.00 | 25.00 -1.26 0.00 | 25.50 -0.82 0.00 | 26.43 -0.35 0.00 | 27.87 -0.74 0.00 | 28.26 -0.61 0.00 | 28.06 -1.17 0.00 | 30.03 -1.06 0.00 | 33.25 -1.13 0.00 | 34.77 -2.71 0.12 | 35.69 -2.78 0.12 | 34.22 -2.87 0.19 | 32.83 -2.63 0.13 | 31.13 -1.36 0.01 | 30.29 -1.00 0.00 | 27.07 -0.55 0.00 |
| INDECK___OSWEGO 23783 | 26.37 -0.48 0.00 | 25.37 -0.49 0.00 | 23.96 -0.44 0.00 | 22.71 -0.42 0.00 | 22.32 -0.41 0.00 | 22.54 -0.44 0.00 | 22.88 -0.47 0.00 | 22.09 -0.36 0.00 | 23.61 -0.41 0.00 | 25.73 -0.52 0.00 | 25.79 -0.53 0.00 | 26.30 -0.48 0.00 | 28.10 -0.51 0.00 | 28.34 -0.52 0.00 | 28.65 -0.58 0.00 | 30.46 -0.62 0.00 | 33.69 -0.69 0.00 | 37.06 -0.72 -0.18 | 38.08 -0.69 -0.18 | 36.85 -0.63 -0.20 | 35.18 -0.61 -0.20 | 31.93 -0.58 -0.01 | 30.76 -0.53 0.00 | 27.09 -0.53 0.00 |
| INDECK___YERKES 23781 | 25.38 -1.48 0.00 | 24.34 -1.53 0.00 | 23.06 -1.34 0.00 | 21.81 -1.32 0.00 | 21.46 -1.27 0.00 | 21.51 -1.47 0.00 | 21.65 -1.70 0.00 | 21.21 -1.23 0.00 | 23.01 -1.01 0.00 | 25.08 -1.18 0.00 | 25.53 -0.79 0.00 | 26.49 -0.29 0.00 | 27.85 -0.77 0.00 | 28.14 -0.72 0.00 | 27.92 -1.31 0.00 | 29.75 -1.34 0.00 | 32.90 -1.48 0.00 | 35.51 -1.96 0.13 | 36.33 -2.12 0.14 | 35.01 -2.09 0.19 | 33.48 -1.96 0.15 | 30.80 -1.69 0.01 | 30.11 -1.19 0.00 | 26.71 -0.91 0.00 |
| INDIAN POINT_GT_1 24139 | 28.33 1.48 0.00 | 27.21 1.35 0.00 | 25.55 1.15 0.00 | 24.19 1.06 0.00 | 23.80 1.07 0.00 | 24.06 1.08 0.00 | 24.47 1.12 0.00 | 23.68 1.23 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.05 1.74 0.00 | 28.44 1.66 0.00 | 30.65 2.03 0.00 | 30.91 2.05 0.00 | 31.39 2.16 0.00 | 33.42 2.33 0.00 | 36.92 2.54 0.00 | 40.23 2.63 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.87 2.28 0.00 | 34.74 2.24 0.00 | 33.39 2.10 0.00 | 29.50 1.88 0.00 |
| INDIAN POINT_GT_2 23659 | 28.33 1.48 0.00 | 27.21 1.35 0.00 | 25.55 1.15 0.00 | 24.19 1.06 0.00 | 23.80 1.07 0.00 | 24.06 1.08 0.00 | 24.47 1.12 0.00 | 23.68 1.23 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.05 1.74 0.00 | 28.44 1.66 0.00 | 30.65 2.03 0.00 | 30.91 2.05 0.00 | 31.39 2.16 0.00 | 33.42 2.33 0.00 | 36.92 2.54 0.00 | 40.23 2.63 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.87 2.28 0.00 | 34.74 2.24 0.00 | 33.39 2.10 0.00 | 29.50 1.88 0.00 |
| INDIAN POINT_GT_3 24019 | 28.33 1.48 0.00 | 27.21 1.35 0.00 | 25.55 1.15 0.00 | 24.19 1.06 0.00 | 23.80 1.07 0.00 | 24.06 1.08 0.00 | 24.47 1.12 0.00 | 23.68 1.23 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.05 1.74 0.00 | 28.44 1.66 0.00 | 30.65 2.03 0.00 | 30.91 2.05 0.00 | 31.39 2.16 0.00 | 33.42 2.33 0.00 | 36.92 2.54 0.00 | 40.23 2.63 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.87 2.28 0.00 | 34.74 2.24 0.00 | 33.39 2.10 0.00 | 29.50 1.88 0.00 |
| INDIAN POINT___2 23530 | 28.27 1.42 0.00 | 27.16 1.29 0.00 | 25.57 1.17 0.00 | 24.19 1.06 0.00 | 23.77 1.05 0.00 | 24.08 1.10 0.00 | 24.49 1.14 0.00 | 23.68 1.23 0.00 | 25.41 1.39 0.00 | 27.89 1.63 0.00 | 28.02 1.71 0.00 | 28.39 1.61 0.00 | 30.56 1.95 0.00 | 30.88 2.02 0.00 | 31.36 2.13 0.00 | 33.35 2.27 0.00 | 36.89 2.51 0.00 | 40.15 2.56 0.00 | 41.25 2.66 0.00 | 39.74 2.46 0.00 | 37.84 2.24 0.00 | 34.71 2.21 0.00 | 33.33 2.03 0.00 | 29.47 1.85 0.00 |
| INDIAN POINT___3 23531 | 28.28 1.42 0.00 | 27.16 1.29 0.00 | 25.50 1.10 0.00 | 24.17 1.04 0.00 | 23.75 1.02 0.00 | 24.04 1.06 0.00 | 24.45 1.10 0.00 | 23.66 1.21 0.00 | 25.39 1.37 0.00 | 27.91 1.65 0.00 | 28.03 1.71 0.00 | 28.39 1.61 0.00 | 30.59 1.97 0.00 | 30.88 2.02 0.00 | 31.34 2.10 0.00 | 33.35 2.27 0.00 | 36.89 2.51 0.00 | 40.15 2.56 0.00 | 41.26 2.66 0.00 | 39.82 2.54 0.00 | 37.83 2.24 0.00 | 34.68 2.18 0.00 | 33.33 2.03 0.00 | 29.47 1.85 0.00 |
| INGHAM_C_115KV_TB7 356103 | 26.85 0.00 0.00 | 25.89 0.03 0.00 | 24.42 0.02 0.00 | 23.10 -0.02 0.00 | 22.68 -0.05 0.00 | 22.91 -0.07 0.00 | 23.28 -0.07 0.00 | 22.45 0.00 0.00 | 24.04 0.02 0.00 | 26.36 0.11 0.00 | 26.45 0.13 0.00 | 26.92 0.13 0.00 | 28.79 0.17 0.00 | 29.09 0.23 0.00 | 29.49 0.26 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.93 0.34 0.00 | 38.98 0.39 0.00 | 37.62 0.34 0.00 | 35.84 0.25 0.00 | 32.73 0.23 0.00 | 31.45 0.16 0.00 | 27.79 0.17 0.00 |
| IP CORINTH___1 23988 | 29.00 2.15 0.00 | 27.99 2.12 0.00 | 26.23 1.83 0.00 | 24.91 1.78 0.00 | 24.43 1.70 0.00 | 24.73 1.75 0.00 | 25.19 1.84 0.00 | 24.24 1.80 0.00 | 26.06 2.04 0.00 | 28.70 2.44 0.00 | 28.45 2.13 0.00 | 28.92 2.14 0.00 | 30.99 2.38 0.00 | 30.97 2.11 0.00 | 31.28 2.05 0.00 | 33.35 2.27 0.00 | 36.58 2.20 0.00 | 40.42 2.82 0.00 | 41.91 3.32 0.00 | 40.68 3.39 0.00 | 39.44 3.84 0.00 | 35.91 3.41 0.00 | 34.33 3.04 0.00 | 30.16 2.54 0.00 |

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|------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP___TICONDEROGA 23804 | 30.32 3.46 0.00 | 29.28 3.41 0.00 | 27.38 2.98 0.00 | 26.04 2.91 0.00 | 25.48 2.75 0.00 | 25.83 2.85 0.00 | 26.31 2.97 0.00 | 25.27 2.83 0.00 | 27.28 3.27 0.00 | 30.12 3.86 0.00 | 29.87 3.55 0.00 | 30.40 3.62 0.00 | 32.54 3.92 0.00 | 32.50 3.64 0.00 | 32.71 3.48 0.00 | 34.97 3.89 0.00 | 38.16 3.78 0.00 | 42.41 4.81 0.00 | 44.00 5.40 0.00 | 42.84 5.56 0.00 | 41.71 6.12 0.00 | 37.93 5.43 0.00 | 36.12 4.82 0.00 | 31.65 4.03 0.00 |
| ISLIP_RES_REC 323679 | 31.30 2.36 -2.08 | 28.27 2.22 -0.18 | 26.82 2.05 -0.37 | 24.86 1.74 0.00 | 24.43 1.71 0.00 | 24.84 1.86 0.00 | 25.22 1.87 0.00 | 24.17 1.73 0.00 | 26.13 2.11 0.00 | 28.78 2.52 0.00 | 35.66 2.76 -6.59 | 36.68 2.79 -7.11 | 37.14 3.20 -5.32 | 37.76 3.29 -5.61 | 38.08 3.42 -5.43 | 38.43 3.67 -3.68 | 41.82 4.09 -3.35 | 42.67 4.28 -0.79 | 42.96 4.36 -0.01 | 41.16 3.88 0.00 | 39.04 3.45 0.00 | 37.94 3.64 -1.80 | 35.96 3.22 -1.44 | 34.84 2.87 -4.34 |
| JAMAICA__27_KV_LOAD 355505 | 28.68 1.83 0.00 | 27.55 1.68 0.00 | 25.81 1.42 0.00 | 24.44 1.32 0.00 | 24.05 1.32 0.00 | 24.36 1.38 0.00 | 24.80 1.45 0.00 | 24.06 1.62 0.00 | 25.87 1.85 0.00 | 28.47 2.21 0.00 | 28.58 2.26 0.00 | 28.98 2.20 0.00 | 31.16 2.55 0.00 | 31.46 2.60 0.00 | 31.98 2.75 0.00 | 34.04 2.95 0.00 | 37.65 3.27 0.00 | 40.98 3.38 0.00 | 42.10 3.51 0.00 | 40.64 3.36 0.00 | 38.51 2.92 0.00 | 35.36 2.86 0.00 | 33.92 2.63 0.00 | 30.02 2.40 0.00 |
| JANIS___SOLAR 323808 | 27.71 0.86 0.00 | 26.72 0.85 0.00 | 25.25 0.85 0.00 | 23.84 0.72 0.00 | 23.46 0.73 0.00 | 23.65 0.67 0.00 | 24.03 0.68 0.00 | 23.25 0.81 0.00 | 24.74 0.72 0.00 | 27.10 0.84 0.00 | 27.08 0.76 0.00 | 27.69 0.91 0.00 | 29.47 0.86 0.00 | 29.76 0.90 0.00 | 30.11 0.88 0.00 | 32.05 0.96 0.00 | 35.55 1.17 0.00 | 39.03 1.46 0.03 | 40.22 1.66 0.03 | 39.08 1.75 -0.05 | 37.16 1.60 0.04 | 34.03 1.53 0.00 | 32.74 1.44 0.00 | 28.81 1.19 0.00 |
| JARVIS____ 23743 | 26.96 0.11 0.00 | 25.97 0.10 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.82 0.09 0.00 | 23.07 0.09 0.00 | 23.47 0.12 0.00 | 22.58 0.14 0.00 | 24.16 0.14 0.00 | 26.42 0.16 0.00 | 26.47 0.16 0.00 | 26.94 0.16 0.00 | 28.82 0.20 0.00 | 29.07 0.20 0.00 | 29.44 0.21 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.86 0.27 0.00 | 38.86 0.27 0.00 | 37.55 0.26 0.00 | 35.84 0.25 0.00 | 32.76 0.26 0.00 | 31.52 0.22 0.00 | 27.81 0.19 0.00 |
| JENNISON___1 23625 | 27.87 1.02 0.00 | 26.90 1.03 0.00 | 25.42 1.02 0.00 | 24.03 0.90 0.00 | 23.61 0.89 0.00 | 23.83 0.85 0.00 | 24.19 0.84 0.00 | 23.46 1.01 0.00 | 25.05 1.03 0.00 | 27.57 1.31 0.00 | 27.58 1.26 0.00 | 28.17 1.39 0.00 | 29.99 1.37 0.00 | 30.34 1.47 0.00 | 30.69 1.46 0.00 | 32.58 1.49 0.00 | 36.10 1.72 0.00 | 39.52 1.95 0.03 | 40.65 2.08 0.03 | 39.21 1.94 0.01 | 37.34 1.78 0.03 | 34.22 1.72 0.00 | 32.89 1.60 0.00 | 29.03 1.41 0.00 |
| JENNISON___2 23626 | 27.87 1.02 0.00 | 26.90 1.03 0.00 | 25.42 1.02 0.00 | 24.03 0.90 0.00 | 23.61 0.89 0.00 | 23.83 0.85 0.00 | 24.19 0.84 0.00 | 23.46 1.01 0.00 | 25.05 1.03 0.00 | 27.57 1.31 0.00 | 27.58 1.26 0.00 | 28.17 1.39 0.00 | 29.99 1.37 0.00 | 30.34 1.47 0.00 | 30.69 1.46 0.00 | 32.58 1.49 0.00 | 36.10 1.72 0.00 | 39.52 1.95 0.03 | 40.65 2.08 0.03 | 39.21 1.94 0.01 | 37.34 1.78 0.03 | 34.22 1.72 0.00 | 32.89 1.60 0.00 | 29.03 1.41 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 26.26 -0.59 0.00 | 25.37 -0.49 0.00 | 23.93 -0.46 0.00 | 22.71 -0.42 0.00 | 22.27 -0.45 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.86 -0.58 0.00 | 23.44 -0.58 0.00 | 25.81 -0.45 0.00 | 25.89 -0.42 0.00 | 26.43 -0.35 0.00 | 28.13 -0.49 0.00 | 28.40 -0.46 0.00 | 28.79 -0.44 0.00 | 30.59 -0.50 0.00 | 34.00 -0.38 0.00 | 37.29 -0.30 0.00 | 38.21 -0.39 0.00 | 36.91 -0.37 0.00 | 35.06 -0.53 0.00 | 31.88 -0.62 0.00 | 30.89 -0.41 0.00 | 27.23 -0.39 0.00 |
| KATONAH___115KV_46KV_TB4 355592 | 28.52 1.66 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.37 1.25 0.00 | 23.96 1.23 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.84 1.39 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.37 2.05 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.23 2.37 0.00 | 31.69 2.46 0.00 | 33.73 2.64 0.00 | 37.30 2.92 0.00 | 40.53 2.93 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.23 2.63 0.00 | 35.04 2.54 0.00 | 33.67 2.38 0.00 | 29.75 2.13 0.00 |
| KCE_NY_1 323755 | 28.70 1.85 0.00 | 27.68 1.81 0.00 | 26.01 1.61 0.00 | 24.70 1.57 0.00 | 24.20 1.48 0.00 | 24.52 1.54 0.00 | 24.96 1.61 0.00 | 24.04 1.59 0.00 | 25.79 1.78 0.00 | 28.28 2.02 0.00 | 28.18 1.87 0.00 | 28.66 1.87 0.00 | 30.73 2.12 0.00 | 30.85 1.99 0.00 | 31.22 1.99 0.00 | 33.23 2.14 0.00 | 36.51 2.13 0.00 | 40.23 2.63 0.00 | 41.45 2.86 0.00 | 40.16 2.87 0.00 | 38.72 3.13 0.00 | 35.26 2.76 0.00 | 33.80 2.50 0.00 | 29.78 2.16 0.00 |
| KCE_NY_6_ESR 323823 | 25.51 -1.34 0.00 | 24.44 -1.42 0.00 | 23.16 -1.24 0.00 | 21.90 -1.23 0.00 | 21.57 -1.16 0.00 | 21.63 -1.36 0.00 | 21.79 -1.56 0.00 | 21.30 -1.14 0.00 | 23.08 -0.94 0.00 | 25.16 -1.10 0.00 | 25.63 -0.68 0.00 | 26.57 -0.22 0.00 | 27.99 -0.63 0.00 | 28.29 -0.58 0.00 | 28.06 -1.17 0.00 | 29.94 -1.15 0.00 | 33.14 -1.24 0.00 | 35.47 -1.99 0.13 | 36.38 -2.08 0.13 | 35.01 -2.09 0.19 | 33.49 -1.96 0.14 | 31.03 -1.46 0.01 | 30.29 -1.00 0.00 | 26.90 -0.72 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 31.11 2.17 -2.08 | 28.12 2.07 -0.18 | 26.67 1.90 -0.37 | 24.72 1.59 0.00 | 24.30 1.57 0.00 | 24.71 1.72 0.00 | 25.08 1.73 0.00 | 24.06 1.62 0.00 | 26.01 1.99 0.00 | 28.62 2.36 0.00 | 35.48 2.58 -6.59 | 36.44 2.55 -7.11 | 36.89 2.95 -5.32 | 37.51 3.03 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.53 3.78 -3.37 | 42.33 3.95 -0.79 | 42.62 4.01 -0.01 | 40.83 3.54 0.00 | 38.72 3.13 0.00 | 37.61 3.32 -1.80 | 35.71 2.97 -1.44 | 34.64 2.68 -4.34 |
| KEDC_PORT_JEFF_GT3 24211 | 31.11 2.17 -2.08 | 28.12 2.07 -0.18 | 26.67 1.90 -0.37 | 24.72 1.59 0.00 | 24.30 1.57 0.00 | 24.71 1.72 0.00 | 25.08 1.73 0.00 | 24.06 1.62 0.00 | 26.01 1.99 0.00 | 28.62 2.36 0.00 | 35.48 2.58 -6.59 | 36.44 2.55 -7.11 | 36.89 2.95 -5.32 | 37.51 3.03 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.53 3.78 -3.37 | 42.33 3.95 -0.79 | 42.62 4.01 -0.01 | 40.83 3.54 0.00 | 38.72 3.13 0.00 | 37.61 3.32 -1.80 | 35.71 2.97 -1.44 | 34.64 2.68 -4.34 |
| KEDC_GLWD_GT4 24219 | 31.05 2.12 -2.08 | 28.01 1.96 -0.18 | 26.55 1.78 -0.37 | 24.68 1.55 0.00 | 24.25 1.52 0.00 | 24.59 1.61 0.00 | 24.96 1.61 0.00 | 24.06 1.62 0.00 | 25.94 1.92 0.00 | 28.57 2.31 0.00 | 35.37 2.47 -6.59 | 36.33 2.44 -7.11 | 36.80 2.86 -5.32 | 37.39 2.91 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.28 3.61 -3.30 | 42.09 3.72 -0.78 | 42.33 3.74 0.00 | 40.68 3.39 0.00 | 38.65 3.06 0.00 | 37.48 3.19 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |
| KEDC_GLWD_GT5 24220 | 31.05 2.12 -2.08 | 28.01 1.96 -0.18 | 26.55 1.78 -0.37 | 24.68 1.55 0.00 | 24.25 1.52 0.00 | 24.59 1.61 0.00 | 24.96 1.61 0.00 | 24.06 1.62 0.00 | 25.94 1.92 0.00 | 28.57 2.31 0.00 | 35.37 2.47 -6.59 | 36.33 2.44 -7.11 | 36.80 2.86 -5.32 | 37.39 2.91 -5.61 | 37.73 3.07 -5.43 | 38.02 3.26 -3.68 | 41.28 3.61 -3.30 | 42.09 3.72 -0.78 | 42.33 3.74 0.00 | 40.68 3.39 0.00 | 38.65 3.06 0.00 | 37.48 3.19 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |

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| KENSICO____ 23655 | 28.41 1.56 0.00 | 27.29 1.42 0.00 | 25.59 1.20 0.00 | 24.24 1.11 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.54 1.19 0.00 | 23.75 1.30 0.00 | 25.51 1.49 0.00 | 28.05 1.79 0.00 | 28.16 1.84 0.00 | 28.52 1.74 0.00 | 30.73 2.12 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.51 2.42 0.00 | 37.06 2.68 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 37.98 2.38 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.61 1.99 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 28.38 1.53 0.00 | 27.26 1.40 0.00 | 25.64 1.24 0.00 | 24.24 1.11 0.00 | 23.86 1.14 0.00 | 24.13 1.15 0.00 | 24.47 1.12 0.00 | 23.59 1.14 0.00 | 25.36 1.34 0.00 | 27.89 1.63 0.00 | 28.00 1.68 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.80 1.93 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.96 2.58 0.00 | 40.30 2.71 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 38.01 2.42 0.00 | 34.78 2.28 0.00 | 33.42 2.13 0.00 | 29.53 1.91 0.00 |
| KIAC_JFK_GT1 23816 | 28.52 1.66 0.00 | 27.39 1.53 0.00 | 25.69 1.29 0.00 | 24.31 1.18 0.00 | 23.91 1.18 0.00 | 24.22 1.24 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.75 1.73 0.00 | 28.33 2.07 0.00 | 28.42 2.11 0.00 | 28.82 2.04 0.00 | 30.91 2.29 0.00 | 31.20 2.34 0.00 | 31.72 2.48 0.00 | 33.73 2.64 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.04 2.54 0.00 | 33.61 2.32 0.00 | 29.86 2.24 0.00 |
| KIAC_JFK_GT2 23817 | 28.52 1.66 0.00 | 27.39 1.53 0.00 | 25.69 1.29 0.00 | 24.31 1.18 0.00 | 23.91 1.18 0.00 | 24.22 1.24 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.75 1.73 0.00 | 28.33 2.07 0.00 | 28.42 2.11 0.00 | 28.82 2.04 0.00 | 30.91 2.29 0.00 | 31.20 2.34 0.00 | 31.72 2.48 0.00 | 33.73 2.64 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.04 2.54 0.00 | 33.61 2.32 0.00 | 29.86 2.24 0.00 |
| KIAC_JFK____ 323774 | 28.52 1.67 0.00 | 27.39 1.53 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.95 1.23 0.00 | 24.27 1.29 0.00 | 24.75 1.40 0.00 | 23.97 1.53 0.00 | 25.77 1.75 0.00 | 28.28 2.02 0.00 | 28.42 2.11 0.00 | 28.82 2.03 0.00 | 30.85 2.23 0.00 | 31.20 2.34 0.00 | 31.71 2.48 0.00 | 33.73 2.64 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.04 2.54 0.00 | 33.61 2.32 0.00 | 29.86 2.24 0.00 |
| KINTIGH____ 23543 | 25.27 -1.58 0.00 | 24.29 -1.58 0.00 | 22.96 -1.44 0.00 | 21.78 -1.34 0.00 | 21.32 -1.41 0.00 | 21.53 -1.45 0.00 | 21.71 -1.63 0.00 | 21.17 -1.28 0.00 | 22.94 -1.08 0.00 | 24.84 -1.42 0.00 | 25.29 -1.03 0.00 | 26.19 -0.59 0.00 | 27.53 -1.09 0.00 | 27.85 -1.01 0.00 | 27.74 -1.49 0.00 | 29.59 -1.49 0.00 | 32.66 -1.72 0.00 | 35.61 -1.84 0.15 | 36.51 -1.93 0.15 | 34.93 -2.16 0.20 | 33.69 -1.74 0.16 | 30.70 -1.79 0.01 | 29.89 -1.41 0.00 | 26.46 -1.16 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 26.83 -0.03 0.00 | 25.94 0.08 0.00 | 24.45 0.05 0.00 | 23.17 0.05 0.00 | 22.77 0.05 0.00 | 23.10 0.11 0.00 | 23.44 0.09 0.00 | 22.36 -0.09 0.00 | 23.92 -0.10 0.00 | 26.42 0.16 0.00 | 26.50 0.18 0.00 | 27.08 0.29 0.00 | 28.82 0.20 0.00 | 29.12 0.26 0.00 | 29.49 0.26 0.00 | 31.33 0.25 0.00 | 34.90 0.52 0.00 | 38.31 0.71 0.00 | 39.21 0.62 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.70 0.41 0.00 | 27.92 0.30 0.00 |
| LACHUTE__HYDRO 323717 | 30.32 3.47 0.00 | 29.28 3.41 0.00 | 27.42 3.02 0.00 | 26.06 2.94 0.00 | 25.50 2.77 0.00 | 25.88 2.90 0.00 | 26.34 2.99 0.00 | 25.32 2.87 0.00 | 27.38 3.36 0.00 | 30.12 3.86 0.00 | 29.87 3.55 0.00 | 30.40 3.61 0.00 | 32.54 3.92 0.00 | 32.50 3.64 0.00 | 32.71 3.48 0.00 | 34.97 3.89 0.00 | 38.16 3.78 0.00 | 42.41 4.81 0.00 | 43.99 5.40 0.00 | 42.84 5.56 0.00 | 41.72 6.12 0.00 | 37.93 5.43 0.00 | 36.11 4.82 0.00 | 31.65 4.03 0.00 |
| LAWRNCALV_115KV_TB1 80681 | 26.05 -0.81 0.00 | 25.17 -0.70 0.00 | 23.74 -0.66 0.00 | 22.48 -0.65 0.00 | 22.11 -0.61 0.00 | 22.38 -0.60 0.00 | 22.70 -0.65 0.00 | 21.62 -0.83 0.00 | 23.08 -0.94 0.00 | 25.39 -0.87 0.00 | 25.39 -0.92 0.00 | 25.87 -0.91 0.00 | 27.50 -1.12 0.00 | 27.74 -1.13 0.00 | 28.15 -1.08 0.00 | 29.90 -1.18 0.00 | 33.25 -1.13 0.00 | 36.47 -1.13 0.00 | 37.43 -1.16 0.00 | 36.20 -1.08 0.00 | 34.52 -1.07 0.00 | 31.49 -1.01 0.00 | 30.36 -0.94 0.00 | 26.76 -0.86 0.00 |
| LEDERLE____ 23769 | 28.38 1.53 0.00 | 27.26 1.40 0.00 | 25.59 1.20 0.00 | 24.24 1.11 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.52 1.17 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 28.02 1.76 0.00 | 28.13 1.82 0.00 | 28.52 1.74 0.00 | 30.76 2.15 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.54 2.46 0.00 | 37.10 2.72 0.00 | 40.38 2.78 0.00 | 41.49 2.89 0.00 | 40.04 2.76 0.00 | 38.05 2.46 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.58 1.96 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 26.37 -0.48 0.00 | 25.43 -0.44 0.00 | 24.06 -0.34 0.00 | 22.76 -0.37 0.00 | 22.36 -0.36 0.00 | 22.59 -0.39 0.00 | 22.93 -0.42 0.00 | 22.09 -0.36 0.00 | 23.58 -0.43 0.00 | 25.73 -0.53 0.00 | 25.76 -0.55 0.00 | 26.27 -0.51 0.00 | 28.04 -0.57 0.00 | 28.29 -0.58 0.00 | 28.62 -0.61 0.00 | 30.40 -0.68 0.00 | 33.73 -0.65 0.00 | 37.04 -0.60 -0.05 | 38.10 -0.54 -0.05 | 36.85 -0.48 -0.05 | 35.18 -0.46 -0.05 | 32.11 -0.39 0.00 | 30.92 -0.38 0.00 | 27.26 -0.36 0.00 |
| LINDEN COGEN____ 23786 | 28.44 1.58 0.00 | 27.31 1.45 0.00 | 25.69 1.29 0.00 | 24.33 1.20 0.00 | 23.91 1.18 0.00 | 24.20 1.22 0.00 | 24.66 1.31 0.00 | 23.86 1.41 0.00 | 25.60 1.58 0.00 | 28.10 1.84 0.00 | 28.23 1.92 0.00 | 28.63 1.85 0.00 | 30.82 2.20 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.70 2.61 0.00 | 37.23 2.85 0.00 | 40.49 2.90 0.00 | 41.56 2.97 0.00 | 40.08 2.80 0.00 | 38.08 2.49 0.00 | 35.00 2.50 0.00 | 33.61 2.32 0.00 | 29.69 2.07 0.00 |
| LINDHRST_69_KV_BK1 356055 | 31.30 2.36 -2.08 | 28.27 2.22 -0.18 | 26.72 1.95 -0.37 | 24.81 1.69 0.00 | 24.39 1.66 0.00 | 24.73 1.75 0.00 | 25.08 1.73 0.00 | 24.15 1.71 0.00 | 26.08 2.07 0.00 | 28.81 2.55 0.00 | 35.61 2.71 -6.59 | 36.57 2.68 -7.11 | 37.06 3.12 -5.32 | 37.65 3.17 -5.61 | 37.93 3.27 -5.43 | 38.27 3.51 -3.68 | 41.57 3.88 -3.30 | 42.47 4.10 -0.78 | 42.72 4.13 0.00 | 41.05 3.77 0.00 | 38.97 3.38 0.00 | 37.81 3.51 -1.80 | 35.96 3.22 -1.44 | 34.84 2.87 -4.34 |
| LIPA_MISC_IPP 23656 | 31.00 2.07 -2.08 | 27.99 1.94 -0.18 | 26.50 1.73 -0.37 | 24.58 1.46 0.00 | 24.18 1.45 0.00 | 24.57 1.59 0.00 | 24.98 1.63 0.00 | 23.95 1.50 0.00 | 25.87 1.85 0.00 | 28.52 2.26 0.00 | 35.35 2.45 -6.59 | 36.30 2.41 -7.11 | 36.77 2.83 -5.32 | 37.36 2.89 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.34 3.61 -3.35 | 42.18 3.80 -0.78 | 42.46 3.86 -0.01 | 40.75 3.47 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.59 2.85 -1.44 | 34.50 2.54 -4.34 |
| LISF__SOLAR 323691 | 31.05 2.12 -2.08 | 28.04 1.99 -0.18 | 26.62 1.85 -0.37 | 24.68 1.55 0.00 | 24.25 1.52 0.00 | 24.68 1.70 0.00 | 25.10 1.75 0.00 | 24.02 1.57 0.00 | 25.94 1.92 0.00 | 28.52 2.26 0.00 | 35.37 2.47 -6.59 | 36.36 2.46 -7.11 | 36.80 2.86 -5.32 | 37.42 2.95 -5.61 | 37.73 3.07 -5.43 | 38.05 3.29 -3.68 | 41.45 3.71 -3.35 | 42.29 3.91 -0.79 | 42.54 3.94 -0.01 | 40.79 3.50 0.00 | 38.69 3.09 0.00 | 37.58 3.28 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |

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|---------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| LITTLE FALLS___HYD 24013 | 26.85 0.00 0.00 | 25.89 0.03 0.00 | 24.42 0.02 0.00 | 23.10 -0.02 0.00 | 22.68 -0.05 0.00 | 22.91 -0.07 0.00 | 23.28 -0.07 0.00 | 22.45 0.00 0.00 | 24.04 0.02 0.00 | 26.36 0.11 0.00 | 26.45 0.13 0.00 | 26.92 0.13 0.00 | 28.79 0.17 0.00 | 29.09 0.23 0.00 | 29.49 0.26 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.93 0.34 0.00 | 38.98 0.39 0.00 | 37.62 0.34 0.00 | 35.84 0.25 0.00 | 32.73 0.23 0.00 | 31.45 0.16 0.00 | 27.79 0.17 0.00 |
| LITTLRIV_115KV_TB1 356100 | 26.26 -0.59 0.00 | 25.43 -0.44 0.00 | 23.98 -0.41 0.00 | 22.69 -0.44 0.00 | 22.32 -0.41 0.00 | 22.59 -0.39 0.00 | 22.88 -0.47 0.00 | 21.77 -0.67 0.00 | 23.22 -0.79 0.00 | 25.58 -0.68 0.00 | 25.53 -0.79 0.00 | 26.00 -0.78 0.00 | 27.62 -1.00 0.00 | 27.88 -0.98 0.00 | 28.30 -0.94 0.00 | 30.06 -1.03 0.00 | 33.45 -0.93 0.00 | 36.73 -0.86 0.00 | 37.74 -0.85 0.00 | 36.54 -0.75 0.00 | 34.84 -0.75 0.00 | 31.79 -0.72 0.00 | 30.64 -0.66 0.00 | 27.01 -0.61 0.00 |
| LI_NEWBRDGE___DRP 323616 | 30.76 1.83 -2.08 | 27.76 1.71 -0.18 | 26.23 1.46 -0.37 | 24.40 1.27 0.00 | 24.00 1.27 0.00 | 24.31 1.33 0.00 | 24.68 1.33 0.00 | 23.82 1.37 0.00 | 25.67 1.66 0.00 | 28.33 2.07 0.00 | 35.03 2.13 -6.59 | 35.96 2.06 -7.11 | 36.40 2.46 -5.32 | 36.96 2.48 -5.61 | 37.26 2.60 -5.43 | 37.53 2.77 -3.68 | 40.74 3.06 -3.30 | 41.53 3.16 -0.78 | 41.80 3.20 0.00 | 40.23 2.95 0.00 | 38.15 2.56 0.00 | 36.99 2.70 -1.80 | 35.27 2.53 -1.44 | 34.26 2.29 -4.34 |
| LOCKPORT_115KV_TB60_63_64 80432 | 25.16 -1.69 0.00 | 24.18 -1.68 0.00 | 22.86 -1.54 0.00 | 21.72 -1.41 0.00 | 21.23 -1.50 0.00 | 21.42 -1.56 0.00 | 21.57 -1.77 0.00 | 21.05 -1.39 0.00 | 22.86 -1.15 0.00 | 24.71 -1.55 0.00 | 25.26 -1.05 0.00 | 26.25 -0.54 0.00 | 27.50 -1.12 0.00 | 27.88 -0.98 0.00 | 27.65 -1.58 0.00 | 29.50 -1.59 0.00 | 32.63 -1.75 0.00 | 35.28 -2.18 0.14 | 36.18 -2.28 0.14 | 34.56 -2.54 0.19 | 33.38 -2.06 0.15 | 30.61 -1.89 0.01 | 29.89 -1.41 0.00 | 26.51 -1.10 0.00 |
| LOCKPORT___CC1 323769 | 25.24 -1.61 0.00 | 24.21 -1.66 0.00 | 22.91 -1.49 0.00 | 21.65 -1.48 0.00 | 21.32 -1.41 0.00 | 21.37 -1.61 0.00 | 21.50 -1.85 0.00 | 21.05 -1.39 0.00 | 22.84 -1.18 0.00 | 24.89 -1.37 0.00 | 25.29 -1.03 0.00 | 26.25 -0.54 0.00 | 27.61 -1.00 0.00 | 27.85 -1.01 0.00 | 27.65 -1.58 0.00 | 29.47 -1.62 0.00 | 32.56 -1.82 0.00 | 35.24 -2.22 0.14 | 36.10 -2.36 0.14 | 34.86 -2.24 0.19 | 33.31 -2.13 0.15 | 30.61 -1.89 0.01 | 29.86 -1.44 0.00 | 26.49 -1.13 0.00 |
| LOCKPORT___CC2 323770 | 25.24 -1.61 0.00 | 24.21 -1.66 0.00 | 22.91 -1.49 0.00 | 21.65 -1.48 0.00 | 21.32 -1.41 0.00 | 21.37 -1.61 0.00 | 21.50 -1.85 0.00 | 21.05 -1.39 0.00 | 22.84 -1.18 0.00 | 24.89 -1.37 0.00 | 25.29 -1.03 0.00 | 26.25 -0.54 0.00 | 27.61 -1.00 0.00 | 27.85 -1.01 0.00 | 27.65 -1.58 0.00 | 29.47 -1.62 0.00 | 32.56 -1.82 0.00 | 35.24 -2.22 0.14 | 36.10 -2.36 0.14 | 34.86 -2.24 0.19 | 33.31 -2.13 0.15 | 30.61 -1.89 0.01 | 29.86 -1.44 0.00 | 26.49 -1.13 0.00 |
| LOCKPORT___CC3 323771 | 25.24 -1.61 0.00 | 24.21 -1.66 0.00 | 22.91 -1.49 0.00 | 21.65 -1.48 0.00 | 21.32 -1.41 0.00 | 21.37 -1.61 0.00 | 21.50 -1.85 0.00 | 21.05 -1.39 0.00 | 22.84 -1.18 0.00 | 24.89 -1.37 0.00 | 25.29 -1.03 0.00 | 26.25 -0.54 0.00 | 27.61 -1.00 0.00 | 27.85 -1.01 0.00 | 27.65 -1.58 0.00 | 29.47 -1.62 0.00 | 32.56 -1.82 0.00 | 35.24 -2.22 0.14 | 36.10 -2.36 0.14 | 34.86 -2.24 0.19 | 33.31 -2.13 0.15 | 30.61 -1.89 0.01 | 29.86 -1.44 0.00 | 26.49 -1.13 0.00 |
| LONG_LAKE_PHOENIX 24014 | 26.45 -0.40 0.00 | 25.48 -0.39 0.00 | 24.08 -0.32 0.00 | 22.83 -0.30 0.00 | 22.41 -0.32 0.00 | 22.66 -0.32 0.00 | 23.00 -0.35 0.00 | 22.22 -0.22 0.00 | 23.75 -0.26 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.41 -0.37 0.00 | 28.19 -0.43 0.00 | 28.43 -0.43 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.80 -0.58 0.00 | 37.05 -0.64 -0.10 | 38.08 -0.62 -0.10 | 36.84 -0.56 -0.11 | 35.20 -0.50 -0.11 | 31.99 -0.52 -0.01 | 30.83 -0.47 0.00 | 27.15 -0.47 0.00 |
| LOVETT___3 23632 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.47 1.07 0.00 | 24.12 0.99 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.89 1.63 0.00 | 28.00 1.68 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.85 1.99 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.86 2.48 0.00 | 40.11 2.52 0.00 | 41.22 2.62 0.00 | 39.78 2.50 0.00 | 37.80 2.21 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| LOVETT___4 23642 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.47 1.07 0.00 | 24.12 0.99 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.89 1.63 0.00 | 28.00 1.68 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.85 1.99 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.86 2.48 0.00 | 40.11 2.52 0.00 | 41.22 2.62 0.00 | 39.78 2.50 0.00 | 37.80 2.21 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| LOVETT___5 23593 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.47 1.07 0.00 | 24.12 0.99 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.89 1.63 0.00 | 28.00 1.68 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.85 1.99 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.86 2.48 0.00 | 40.11 2.52 0.00 | 41.22 2.62 0.00 | 39.78 2.50 0.00 | 37.80 2.21 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| LOWER RAQUET___HYD 24057 | 25.91 -0.94 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.38 -0.74 0.00 | 22.00 -0.73 0.00 | 22.27 -0.71 0.00 | 22.60 -0.75 0.00 | 21.50 -0.94 0.00 | 23.01 -1.01 0.00 | 25.26 -1.00 0.00 | 25.29 -1.03 0.00 | 25.74 -1.04 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 28.00 -1.23 0.00 | 29.78 -1.30 0.00 | 33.11 -1.27 0.00 | 36.36 -1.24 0.00 | 37.28 -1.31 0.00 | 36.09 -1.19 0.00 | 34.42 -1.17 0.00 | 31.36 -1.14 0.00 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| LOWER___HUDSON 24059 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.38 0.98 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.95 0.97 0.00 | 24.40 1.05 0.00 | 23.50 1.06 0.00 | 25.15 1.13 0.00 | 27.55 1.29 0.00 | 27.50 1.19 0.00 | 27.91 1.12 0.00 | 29.96 1.35 0.00 | 30.16 1.30 0.00 | 30.55 1.32 0.00 | 32.49 1.40 0.00 | 35.79 1.41 0.00 | 39.29 1.69 0.00 | 40.33 1.74 0.00 | 39.00 1.72 0.00 | 37.41 1.81 0.00 | 34.12 1.62 0.00 | 32.77 1.47 0.00 | 28.95 1.33 0.00 |
| LOWVILLE_115KV_TB2 356335 | 26.21 -0.64 0.00 | 25.35 -0.52 0.00 | 23.94 -0.46 0.00 | 22.62 -0.51 0.00 | 22.23 -0.50 0.00 | 22.48 -0.51 0.00 | 22.79 -0.56 0.00 | 21.93 -0.52 0.00 | 23.39 -0.62 0.00 | 25.73 -0.53 0.00 | 25.68 -0.63 0.00 | 26.14 -0.64 0.00 | 27.93 -0.69 0.00 | 28.23 -0.63 0.00 | 28.65 -0.58 0.00 | 30.43 -0.65 0.00 | 34.10 -0.28 0.00 | 37.56 -0.04 0.00 | 38.67 0.08 0.00 | 37.40 0.11 0.00 | 35.66 0.07 0.00 | 32.60 0.10 0.00 | 31.30 0.00 0.00 | 27.59 -0.03 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 28.68 1.83 0.00 | 27.65 1.78 0.00 | 25.96 1.56 0.00 | 24.65 1.53 0.00 | 24.18 1.45 0.00 | 24.48 1.49 0.00 | 24.91 1.56 0.00 | 24.00 1.55 0.00 | 25.72 1.71 0.00 | 28.28 2.02 0.00 | 28.18 1.87 0.00 | 28.63 1.85 0.00 | 30.71 2.09 0.00 | 30.85 1.99 0.00 | 31.19 1.96 0.00 | 33.23 2.14 0.00 | 36.51 2.13 0.00 | 40.19 2.59 0.00 | 41.41 2.82 0.00 | 40.15 2.87 0.00 | 38.69 3.10 0.00 | 35.23 2.73 0.00 | 33.77 2.47 0.00 | 29.75 2.13 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 28.71 1.85 0.00 | 27.68 1.81 0.00 | 25.98 1.59 0.00 | 24.65 1.53 0.00 | 24.18 1.45 0.00 | 24.50 1.52 0.00 | 24.94 1.59 0.00 | 24.00 1.55 0.00 | 25.75 1.73 0.00 | 28.28 2.02 0.00 | 28.18 1.87 0.00 | 28.66 1.87 0.00 | 30.73 2.12 0.00 | 30.85 1.99 0.00 | 31.22 1.99 0.00 | 33.23 2.14 0.00 | 36.51 2.13 0.00 | 40.23 2.63 0.00 | 41.45 2.86 0.00 | 40.15 2.87 0.00 | 38.72 3.13 0.00 | 35.26 2.76 0.00 | 33.80 2.50 0.00 | 29.77 2.15 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.51 -0.84 0.00 | 21.53 -0.92 0.00 | 22.96 -1.06 0.00 | 25.26 -1.00 0.00 | 25.24 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.25 -1.13 0.00 | 36.58 -1.02 0.00 | 37.63 -0.96 0.00 | 36.39 -0.89 0.00 | 34.70 -0.89 0.00 | 31.69 -0.81 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| LYONS_FALL_HYD 23570 | 26.67 -0.19 0.00 | 25.76 -0.10 0.00 | 24.33 -0.07 0.00 | 22.99 -0.14 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.16 -0.19 0.00 | 22.31 -0.13 0.00 | 23.82 -0.19 0.00 | 26.21 -0.05 0.00 | 26.18 -0.13 0.00 | 26.67 -0.11 0.00 | 28.47 -0.14 0.00 | 28.78 -0.09 0.00 | 29.17 -0.06 0.00 | 30.99 -0.09 0.00 | 34.55 0.17 0.00 | 38.01 0.41 0.00 | 39.06 0.46 0.00 | 37.77 0.48 0.00 | 35.98 0.39 0.00 | 32.92 0.42 0.00 | 31.61 0.31 0.00 | 27.87 0.25 0.00 |
| MADISON___COUNTY_LFGE 323628 | 27.34 0.48 0.00 | 26.38 0.52 0.00 | 24.94 0.54 0.00 | 23.57 0.44 0.00 | 23.16 0.43 0.00 | 23.39 0.41 0.00 | 23.75 0.40 0.00 | 22.92 0.47 0.00 | 24.47 0.46 0.00 | 26.81 0.55 0.00 | 26.84 0.53 0.00 | 27.40 0.62 0.00 | 29.25 0.63 0.00 | 29.53 0.66 0.00 | 29.90 0.67 0.00 | 31.77 0.68 0.00 | 35.20 0.83 0.00 | 38.58 1.02 0.03 | 39.64 1.08 0.03 | 38.29 1.04 0.03 | 36.52 0.96 0.03 | 33.41 0.91 0.00 | 32.14 0.84 0.00 | 28.34 0.72 0.00 |
| MALONE___115KV_TB1 356076 | 26.34 -0.51 0.00 | 25.48 -0.39 0.00 | 24.01 -0.39 0.00 | 22.76 -0.37 0.00 | 22.36 -0.36 0.00 | 22.68 -0.30 0.00 | 23.02 -0.33 0.00 | 21.93 -0.52 0.00 | 23.46 -0.55 0.00 | 25.89 -0.37 0.00 | 25.95 -0.37 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.10 -0.28 0.00 | 37.41 -0.19 0.00 | 38.32 -0.27 0.00 | 37.10 -0.19 0.00 | 35.27 -0.32 0.00 | 32.08 -0.42 0.00 | 31.01 -0.28 0.00 | 27.32 -0.30 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 27.74 0.89 0.00 | 26.72 0.85 0.00 | 25.13 0.73 0.00 | 23.87 0.74 0.00 | 23.46 0.73 0.00 | 23.69 0.71 0.00 | 24.14 0.79 0.00 | 23.23 0.79 0.00 | 24.86 0.84 0.00 | 27.26 1.00 0.00 | 27.24 0.92 0.00 | 27.64 0.86 0.00 | 29.70 1.09 0.00 | 29.90 1.04 0.00 | 30.31 1.08 0.00 | 32.24 1.15 0.00 | 35.55 1.17 0.00 | 38.99 1.39 0.00 | 39.98 1.39 0.00 | 38.70 1.42 0.00 | 37.05 1.46 0.00 | 33.83 1.33 0.00 | 32.48 1.19 0.00 | 28.67 1.05 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 25.64 -1.21 0.00 | 24.73 -1.14 0.00 | 23.35 -1.05 0.00 | 22.16 -0.97 0.00 | 21.77 -0.95 0.00 | 22.02 -0.96 0.00 | 22.39 -0.96 0.00 | 21.46 -0.99 0.00 | 23.01 -1.01 0.00 | 25.21 -1.05 0.00 | 25.26 -1.05 0.00 | 25.76 -1.02 0.00 | 27.53 -1.09 0.00 | 27.80 -1.07 0.00 | 28.24 -0.99 0.00 | 30.12 -0.96 0.00 | 33.42 -0.96 0.00 | 36.58 -1.01 0.00 | 37.51 -1.08 0.00 | 36.24 -1.04 0.00 | 34.60 -1.00 0.00 | 31.56 -0.94 0.00 | 30.39 -0.91 0.00 | 26.82 -0.80 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 25.64 -1.21 0.00 | 24.73 -1.14 0.00 | 23.35 -1.05 0.00 | 22.16 -0.97 0.00 | 21.77 -0.95 0.00 | 22.02 -0.96 0.00 | 22.39 -0.96 0.00 | 21.46 -0.99 0.00 | 23.01 -1.01 0.00 | 25.21 -1.05 0.00 | 25.26 -1.05 0.00 | 25.76 -1.02 0.00 | 27.53 -1.09 0.00 | 27.80 -1.07 0.00 | 28.24 -0.99 0.00 | 30.12 -0.96 0.00 | 33.42 -0.96 0.00 | 36.58 -1.01 0.00 | 37.51 -1.08 0.00 | 36.24 -1.04 0.00 | 34.60 -1.00 0.00 | 31.56 -0.94 0.00 | 30.39 -0.91 0.00 | 26.82 -0.80 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 26.42 -0.43 0.00 | 25.53 -0.34 0.00 | 24.06 -0.34 0.00 | 22.82 -0.30 0.00 | 22.41 -0.32 0.00 | 22.71 -0.27 0.00 | 23.07 -0.28 0.00 | 22.02 -0.43 0.00 | 23.59 -0.43 0.00 | 25.97 -0.29 0.00 | 26.05 -0.26 0.00 | 26.62 -0.16 0.00 | 28.33 -0.29 0.00 | 28.60 -0.26 0.00 | 29.00 -0.23 0.00 | 30.80 -0.28 0.00 | 34.24 -0.14 0.00 | 37.56 -0.04 0.00 | 38.48 -0.12 0.00 | 37.17 -0.11 0.00 | 35.31 -0.29 0.00 | 32.11 -0.39 0.00 | 31.11 -0.19 0.00 | 27.43 -0.19 0.00 |
| MARSHVLE_115KV_TB1 80742 | 28.65 1.80 0.00 | 27.60 1.73 0.00 | 25.96 1.56 0.00 | 24.61 1.48 0.00 | 24.14 1.41 0.00 | 24.43 1.45 0.00 | 24.82 1.47 0.00 | 23.79 1.35 0.00 | 25.27 1.25 0.00 | 27.63 1.37 0.00 | 27.53 1.21 0.00 | 28.12 1.34 0.00 | 30.05 1.43 0.00 | 30.31 1.44 0.00 | 30.87 1.64 0.00 | 32.70 1.62 0.00 | 36.20 1.82 0.00 | 40.30 2.71 0.00 | 41.53 2.93 0.00 | 40.15 2.87 0.00 | 38.65 3.06 0.00 | 35.39 2.89 0.00 | 33.92 2.63 0.00 | 29.77 2.15 0.00 |
| MARSH_HILL_WT_PWR 323713 | 25.70 -1.15 0.00 | 24.65 -1.22 0.00 | 23.52 -0.88 0.00 | 22.43 -0.69 0.00 | 22.14 -0.59 0.00 | 22.24 -0.74 0.00 | 22.56 -0.79 0.00 | 21.77 -0.67 0.00 | 23.30 -0.72 0.00 | 25.66 -0.60 0.00 | 26.00 -0.31 0.00 | 27.08 0.30 0.00 | 28.90 0.29 0.00 | 29.38 0.52 0.00 | 29.46 0.23 0.00 | 31.52 0.43 0.00 | 35.07 0.69 0.00 | 36.98 -0.53 0.09 | 37.11 -1.39 0.10 | 35.57 -1.49 0.22 | 34.42 -1.07 0.10 | 32.72 0.23 0.01 | 32.14 0.85 0.00 | 28.39 0.77 0.00 |
| MCINTYRE_115KV_TB2 80467 | 26.53 -0.32 0.00 | 25.69 -0.18 0.00 | 24.23 -0.17 0.00 | 22.92 -0.21 0.00 | 22.55 -0.18 0.00 | 22.82 -0.16 0.00 | 23.12 -0.23 0.00 | 21.95 -0.49 0.00 | 23.39 -0.62 0.00 | 25.73 -0.53 0.00 | 25.68 -0.63 0.00 | 26.14 -0.64 0.00 | 27.76 -0.86 0.00 | 28.03 -0.84 0.00 | 28.44 -0.79 0.00 | 30.25 -0.84 0.00 | 33.66 -0.72 0.00 | 36.96 -0.64 0.00 | 38.01 -0.58 0.00 | 36.84 -0.45 0.00 | 35.16 -0.43 0.00 | 32.08 -0.42 0.00 | 30.89 -0.41 0.00 | 27.26 -0.36 0.00 |
| MECO_____69_KV_BK1 80468 | 29.73 2.87 0.00 | 28.69 2.82 0.00 | 26.91 2.51 0.00 | 25.53 2.41 0.00 | 25.00 2.27 0.00 | 25.33 2.34 0.00 | 25.82 2.48 0.00 | 24.92 2.47 0.00 | 26.78 2.76 0.00 | 29.44 3.18 0.00 | 29.29 2.97 0.00 | 29.83 3.05 0.00 | 31.85 3.23 0.00 | 32.18 3.32 0.00 | 32.62 3.39 0.00 | 34.85 3.76 0.00 | 38.20 3.82 0.00 | 42.75 5.15 0.00 | 43.80 5.21 0.00 | 42.28 5.00 0.00 | 40.75 5.16 0.00 | 37.15 4.65 0.00 | 35.43 4.13 0.00 | 30.99 3.37 0.00 |
| MENANDS___115KV_TB5 355628 | 27.58 0.73 0.00 | 26.56 0.70 0.00 | 24.98 0.59 0.00 | 23.73 0.60 0.00 | 23.34 0.61 0.00 | 23.58 0.60 0.00 | 24.03 0.68 0.00 | 23.14 0.70 0.00 | 24.74 0.72 0.00 | 27.10 0.84 0.00 | 27.10 0.79 0.00 | 27.48 0.70 0.00 | 29.53 0.92 0.00 | 29.76 0.89 0.00 | 30.14 0.91 0.00 | 32.05 0.96 0.00 | 35.34 0.96 0.00 | 38.76 1.17 0.00 | 39.75 1.16 0.00 | 38.44 1.16 0.00 | 36.80 1.21 0.00 | 33.57 1.07 0.00 | 32.27 0.97 0.00 | 28.50 0.88 0.00 |
| MG INDUSTRY___DRP 24185 | 27.58 0.73 0.00 | 26.59 0.72 0.00 | 25.03 0.63 0.00 | 23.77 0.65 0.00 | 23.36 0.64 0.00 | 23.62 0.64 0.00 | 24.03 0.68 0.00 | 23.12 0.67 0.00 | 24.69 0.67 0.00 | 26.99 0.74 0.00 | 26.97 0.66 0.00 | 27.34 0.56 0.00 | 29.36 0.74 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.89 0.81 0.00 | 35.20 0.83 0.00 | 38.65 1.05 0.00 | 39.67 1.08 0.00 | 38.37 1.08 0.00 | 36.77 1.17 0.00 | 33.54 1.04 0.00 | 32.27 0.97 0.00 | 28.48 0.86 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.51 -0.84 0.00 | 21.53 -0.92 0.00 | 22.96 -1.06 0.00 | 25.26 -1.00 0.00 | 25.24 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.25 -1.13 0.00 | 36.58 -1.02 0.00 | 37.63 -0.96 0.00 | 36.39 -0.89 0.00 | 34.70 -0.89 0.00 | 31.69 -0.81 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| MID___RAQUETTE_HYD 23851 | 25.91 -0.94 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.39 -0.74 0.00 | 22.00 -0.73 0.00 | 22.27 -0.71 0.00 | 22.60 -0.75 0.00 | 21.50 -0.94 0.00 | 22.96 -1.06 0.00 | 25.29 -0.97 0.00 | 25.29 -1.03 0.00 | 25.74 -1.04 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.11 -1.27 0.00 | 36.35 -1.24 0.00 | 37.28 -1.31 0.00 | 36.09 -1.19 0.00 | 34.42 -1.17 0.00 | 31.36 -1.14 0.00 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| MILLIKEN___1 23584 | 27.26 0.40 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.47 0.35 0.00 | 23.05 0.32 0.00 | 23.28 0.30 0.00 | 23.65 0.30 0.00 | 22.87 0.43 0.00 | 24.40 0.38 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.32 0.54 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.73 0.50 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.24 0.68 0.03 | 39.37 0.81 0.03 | 38.17 0.82 -0.06 | 36.38 0.82 0.03 | 33.25 0.75 0.00 | 32.05 0.75 0.00 | 28.20 0.58 0.00 |
| MILLIKEN___2 23585 | 27.26 0.40 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.47 0.35 0.00 | 23.05 0.32 0.00 | 23.28 0.30 0.00 | 23.65 0.30 0.00 | 22.87 0.43 0.00 | 24.40 0.38 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.32 0.54 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.73 0.50 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.24 0.68 0.03 | 39.37 0.81 0.03 | 38.17 0.82 -0.06 | 36.38 0.82 0.03 | 33.25 0.75 0.00 | 32.05 0.75 0.00 | 28.20 0.58 0.00 |
| MILLIKEN___DIESEL 23629 | 27.26 0.40 0.00 | 26.23 0.36 0.00 | 24.79 0.39 0.00 | 23.47 0.35 0.00 | 23.05 0.32 0.00 | 23.28 0.30 0.00 | 23.65 0.30 0.00 | 22.87 0.43 0.00 | 24.40 0.38 0.00 | 26.63 0.37 0.00 | 26.71 0.39 0.00 | 27.32 0.54 0.00 | 29.13 0.52 0.00 | 29.41 0.55 0.00 | 29.73 0.50 0.00 | 31.64 0.56 0.00 | 35.03 0.65 0.00 | 38.24 0.68 0.03 | 39.37 0.81 0.03 | 38.17 0.82 -0.06 | 36.38 0.82 0.03 | 33.25 0.75 0.00 | 32.05 0.75 0.00 | 28.20 0.58 0.00 |
| MILLSEAT___LFGE 323607 | 25.73 -1.13 0.00 | 24.70 -1.16 0.00 | 23.35 -1.05 0.00 | 22.06 -1.06 0.00 | 21.73 -1.00 0.00 | 21.81 -1.17 0.00 | 21.95 -1.40 0.00 | 21.46 -0.99 0.00 | 23.25 -0.77 0.00 | 25.32 -0.94 0.00 | 25.74 -0.58 0.00 | 26.62 -0.16 0.00 | 28.05 -0.57 0.00 | 28.29 -0.58 0.00 | 28.12 -1.11 0.00 | 30.03 -1.06 0.00 | 33.18 -1.20 0.00 | 36.03 -1.43 0.14 | 37.02 -1.43 0.14 | 35.83 -1.27 0.19 | 34.23 -1.21 0.15 | 31.32 -1.17 0.01 | 30.48 -0.81 0.00 | 26.99 -0.63 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 28.36 1.50 0.00 | 27.24 1.37 0.00 | 25.57 1.17 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.11 1.13 0.00 | 24.49 1.14 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.99 1.73 0.00 | 28.10 1.79 0.00 | 28.47 1.69 0.00 | 30.68 2.06 0.00 | 30.94 2.08 0.00 | 31.42 2.19 0.00 | 33.45 2.36 0.00 | 36.96 2.58 0.00 | 40.23 2.63 0.00 | 41.33 2.74 0.00 | 39.89 2.61 0.00 | 37.91 2.31 0.00 | 34.78 2.28 0.00 | 33.42 2.13 0.00 | 29.53 1.91 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 28.44 1.58 0.00 | 27.34 1.47 0.00 | 25.64 1.24 0.00 | 24.31 1.18 0.00 | 23.89 1.16 0.00 | 24.18 1.20 0.00 | 24.59 1.24 0.00 | 23.77 1.32 0.00 | 25.55 1.54 0.00 | 28.10 1.84 0.00 | 28.21 1.89 0.00 | 28.58 1.79 0.00 | 30.79 2.17 0.00 | 31.09 2.22 0.00 | 31.57 2.34 0.00 | 33.57 2.49 0.00 | 37.13 2.75 0.00 | 40.38 2.78 0.00 | 41.53 2.93 0.00 | 40.08 2.80 0.00 | 38.08 2.49 0.00 | 34.94 2.44 0.00 | 33.55 2.25 0.00 | 29.66 2.04 0.00 |
| MODEL_CITY_ENERGY 24167 | 25.00 -1.85 0.00 | 23.98 -1.89 0.00 | 22.69 -1.71 0.00 | 21.46 -1.67 0.00 | 21.14 -1.59 0.00 | 21.19 -1.79 0.00 | 21.32 -2.03 0.00 | 20.87 -1.57 0.00 | 22.62 -1.39 0.00 | 24.66 -1.60 0.00 | 25.05 -1.26 0.00 | 26.00 -0.78 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 27.36 -1.87 0.00 | 29.19 -1.90 0.00 | 32.25 -2.13 0.00 | 34.90 -2.56 0.14 | 35.75 -2.70 0.14 | 34.52 -2.57 0.19 | 32.99 -2.46 0.15 | 30.28 -2.21 0.01 | 29.57 -1.72 0.00 | 26.24 -1.38 0.00 |
| MODERN_LFGE___ 323580 | 25.00 -1.85 0.00 | 23.98 -1.89 0.00 | 22.69 -1.71 0.00 | 21.46 -1.67 0.00 | 21.14 -1.59 0.00 | 21.19 -1.79 0.00 | 21.32 -2.03 0.00 | 20.87 -1.57 0.00 | 22.62 -1.39 0.00 | 24.66 -1.60 0.00 | 25.05 -1.26 0.00 | 26.00 -0.78 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 27.36 -1.87 0.00 | 29.19 -1.90 0.00 | 32.25 -2.13 0.00 | 34.90 -2.56 0.14 | 35.75 -2.70 0.14 | 34.52 -2.57 0.19 | 32.99 -2.46 0.15 | 30.28 -2.21 0.01 | 29.57 -1.72 0.00 | 26.24 -1.38 0.00 |
| MOHAWK_PAPER___DRP 24187 | 27.74 0.89 0.00 | 26.72 0.85 0.00 | 25.13 0.73 0.00 | 23.87 0.74 0.00 | 23.46 0.73 0.00 | 23.69 0.71 0.00 | 24.14 0.79 0.00 | 23.23 0.79 0.00 | 24.86 0.84 0.00 | 27.26 1.00 0.00 | 27.24 0.92 0.00 | 27.64 0.86 0.00 | 29.70 1.09 0.00 | 29.90 1.04 0.00 | 30.31 1.08 0.00 | 32.24 1.15 0.00 | 35.55 1.17 0.00 | 38.99 1.39 0.00 | 39.98 1.39 0.00 | 38.70 1.42 0.00 | 37.05 1.46 0.00 | 33.83 1.33 0.00 | 32.48 1.19 0.00 | 28.67 1.05 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 29.08 2.23 0.00 | 28.06 2.20 0.00 | 26.30 1.90 0.00 | 24.98 1.85 0.00 | 24.48 1.75 0.00 | 24.80 1.82 0.00 | 25.26 1.91 0.00 | 24.31 1.86 0.00 | 26.11 2.09 0.00 | 28.75 2.49 0.00 | 28.53 2.21 0.00 | 29.00 2.22 0.00 | 31.11 2.49 0.00 | 31.11 2.25 0.00 | 31.42 2.19 0.00 | 33.51 2.42 0.00 | 36.75 2.37 0.00 | 40.60 3.01 0.00 | 42.03 3.43 0.00 | 40.79 3.50 0.00 | 39.51 3.92 0.00 | 35.98 3.48 0.00 | 34.39 3.10 0.00 | 30.24 2.62 0.00 |
| MONGAUP___HYD 23641 | 28.11 1.26 0.00 | 27.03 1.17 0.00 | 25.50 1.10 0.00 | 24.12 0.99 0.00 | 23.70 0.98 0.00 | 23.97 0.99 0.00 | 24.35 1.00 0.00 | 23.43 0.99 0.00 | 25.12 1.11 0.00 | 27.52 1.26 0.00 | 27.42 1.11 0.00 | 27.66 0.88 0.00 | 29.79 1.17 0.00 | 30.02 1.16 0.00 | 30.52 1.28 0.00 | 32.64 1.55 0.00 | 36.30 1.92 0.00 | 39.66 2.07 0.00 | 40.91 2.32 0.00 | 39.52 2.24 0.00 | 37.66 2.06 0.00 | 34.45 1.95 0.00 | 33.11 1.81 0.00 | 29.22 1.60 0.00 |
| MONTAUK___DIESEL 23721 | 32.29 3.36 -2.08 | 29.23 3.18 -0.18 | 27.67 2.90 -0.37 | 25.60 2.47 0.00 | 25.18 2.45 0.00 | 25.58 2.60 0.00 | 25.96 2.62 0.00 | 24.89 2.45 0.00 | 27.04 3.03 0.00 | 29.91 3.65 0.00 | 37.06 4.16 -6.59 | 38.21 4.31 -7.11 | 38.75 4.81 -5.32 | 39.35 4.88 -5.61 | 39.72 5.06 -5.43 | 40.17 5.41 -3.68 | 43.78 6.05 -3.35 | 44.73 6.35 -0.79 | 45.01 6.41 -0.01 | 43.03 5.74 0.00 | 40.68 5.09 0.00 | 39.43 5.14 -1.80 | 37.15 4.41 -1.44 | 35.80 3.84 -4.34 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 25.59 -1.26 0.00 | 24.50 -1.37 0.00 | 23.30 -1.10 0.00 | 22.11 -1.02 0.00 | 21.66 -1.07 0.00 | 21.86 -1.13 0.00 | 22.11 -1.24 0.00 | 21.59 -0.85 0.00 | 23.46 -0.55 0.00 | 25.39 -0.87 0.00 | 26.05 -0.26 0.00 | 27.08 0.29 0.00 | 28.39 -0.23 0.00 | 28.86 0.00 0.00 | 28.62 -0.61 0.00 | 30.62 -0.47 0.00 | 33.90 -0.48 0.00 | 36.12 -1.35 0.12 | 37.08 -1.39 0.13 | 35.42 -1.68 0.19 | 34.10 -1.35 0.14 | 31.88 -0.62 0.01 | 31.14 -0.16 0.00 | 27.65 0.03 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 25.40 -1.45 0.00 | 24.34 -1.53 0.00 | 23.01 -1.39 0.00 | 21.88 -1.25 0.00 | 21.41 -1.32 0.00 | 21.60 -1.38 0.00 | 21.83 -1.52 0.00 | 21.28 -1.17 0.00 | 22.94 -1.08 0.00 | 24.92 -1.34 0.00 | 25.42 -0.89 0.00 | 26.38 -0.40 0.00 | 27.76 -0.86 0.00 | 28.17 -0.69 0.00 | 28.03 -1.20 0.00 | 29.93 -1.15 0.00 | 33.14 -1.24 0.00 | 35.57 -1.92 0.11 | 36.59 -1.89 0.11 | 35.08 -2.01 0.19 | 33.76 -1.71 0.12 | 31.23 -1.27 0.01 | 30.42 -0.88 0.00 | 26.96 -0.66 0.00 |
| MORTIMER_115KV_TB3 55949 | 26.02 -0.83 0.00 | 25.04 -0.83 0.00 | 23.64 -0.76 0.00 | 22.41 -0.72 0.00 | 21.98 -0.75 0.00 | 22.20 -0.78 0.00 | 22.42 -0.93 0.00 | 21.77 -0.67 0.00 | 23.54 -0.48 0.00 | 25.52 -0.74 0.00 | 25.89 -0.42 0.00 | 26.70 -0.08 0.00 | 28.19 -0.43 0.00 | 28.49 -0.38 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.70 -0.75 0.14 | 37.71 -0.73 0.15 | 36.24 -0.86 0.19 | 34.86 -0.57 0.16 | 31.71 -0.78 0.01 | 30.73 -0.56 0.00 | 27.09 -0.52 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 28.52 1.66 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.20 2.34 0.00 | 31.72 2.48 0.00 | 33.73 2.64 0.00 | 37.30 2.92 0.00 | 40.57 2.97 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.15 2.56 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 28.19 1.34 0.00 | 27.31 1.45 0.00 | 25.86 1.46 0.00 | 24.35 1.22 0.00 | 23.95 1.23 0.00 | 24.15 1.17 0.00 | 24.52 1.17 0.00 | 23.79 1.35 0.00 | 25.34 1.32 0.00 | 27.99 1.73 0.00 | 27.92 1.61 0.00 | 28.52 1.74 0.00 | 30.33 1.72 0.00 | 30.65 1.79 0.00 | 31.07 1.84 0.00 | 32.98 1.90 0.00 | 36.55 2.17 0.00 | 40.23 2.67 0.03 | 41.38 2.82 0.03 | 40.06 2.76 -0.02 | 38.05 2.49 0.03 | 34.90 2.40 0.00 | 33.52 2.22 0.00 | 29.52 1.90 0.00 |
| N SALMON___HYD 24042 | 26.34 -0.51 0.00 | 25.48 -0.39 0.00 | 24.01 -0.39 0.00 | 22.78 -0.35 0.00 | 22.36 -0.36 0.00 | 22.68 -0.30 0.00 | 23.02 -0.33 0.00 | 21.93 -0.52 0.00 | 23.51 -0.51 0.00 | 25.89 -0.37 0.00 | 25.95 -0.37 0.00 | 26.49 -0.29 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.85 -0.38 0.00 | 30.65 -0.44 0.00 | 34.10 -0.28 0.00 | 37.41 -0.19 0.00 | 38.32 -0.27 0.00 | 37.06 -0.22 0.00 | 35.27 -0.32 0.00 | 32.05 -0.46 0.00 | 31.01 -0.28 0.00 | 27.32 -0.30 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 25.64 -1.21 0.00 | 24.65 -1.22 0.00 | 23.28 -1.12 0.00 | 22.09 -1.04 0.00 | 21.61 -1.11 0.00 | 21.83 -1.15 0.00 | 21.97 -1.38 0.00 | 21.44 -1.01 0.00 | 23.25 -0.77 0.00 | 25.16 -1.10 0.00 | 25.68 -0.63 0.00 | 26.65 -0.13 0.00 | 27.93 -0.69 0.00 | 28.31 -0.55 0.00 | 28.12 -1.11 0.00 | 30.03 -1.06 0.00 | 33.18 -1.20 0.00 | 35.99 -1.47 0.14 | 36.99 -1.47 0.14 | 35.42 -1.68 0.19 | 34.19 -1.25 0.15 | 31.29 -1.20 0.01 | 30.48 -0.81 0.00 | 26.98 -0.64 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 31.05 2.12 -2.08 | 28.02 1.97 -0.18 | 26.47 1.71 -0.37 | 24.61 1.48 0.00 | 24.21 1.48 0.00 | 24.52 1.54 0.00 | 24.87 1.52 0.00 | 24.00 1.55 0.00 | 25.89 1.87 0.00 | 28.57 2.31 0.00 | 35.35 2.45 -6.59 | 36.30 2.41 -7.11 | 36.77 2.83 -5.32 | 37.36 2.89 -5.61 | 37.67 3.01 -5.43 | 37.96 3.20 -3.68 | 41.22 3.54 -3.30 | 42.06 3.68 -0.78 | 42.30 3.70 0.00 | 40.71 3.43 0.00 | 38.62 3.03 0.00 | 37.45 3.15 -1.80 | 35.65 2.91 -1.44 | 34.56 2.60 -4.34 |
| N.E_GEN_SANDY PD 24062 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.38 0.98 0.00 | 24.07 0.95 0.00 | 23.64 0.91 0.00 | 23.95 0.97 0.00 | 26.00 1.05 -1.60 | 23.70 1.10 -0.15 | 25.17 1.15 0.00 | 27.57 1.31 0.00 | 27.58 1.26 0.00 | 27.93 1.15 0.00 | 30.08 1.46 0.00 | 30.28 1.41 0.00 | 30.72 1.49 0.00 | 32.61 1.52 0.00 | 36.03 1.65 0.00 | 39.40 1.80 0.00 | 40.41 1.81 0.00 | 39.00 1.72 0.00 | 37.30 1.71 0.00 | 34.06 1.56 0.00 | 32.77 1.47 0.00 | 29.00 1.38 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 28.30 1.45 0.00 | 27.19 1.32 0.00 | 25.52 1.12 0.00 | 24.17 1.04 0.00 | 23.77 1.05 0.00 | 24.04 1.06 0.00 | 24.42 1.07 0.00 | 23.64 1.19 0.00 | 25.39 1.37 0.00 | 27.91 1.65 0.00 | 28.03 1.71 0.00 | 28.41 1.63 0.00 | 30.62 2.00 0.00 | 30.88 2.02 0.00 | 31.37 2.13 0.00 | 33.39 2.30 0.00 | 36.92 2.54 0.00 | 40.19 2.59 0.00 | 41.29 2.70 0.00 | 39.86 2.57 0.00 | 37.87 2.28 0.00 | 34.71 2.21 0.00 | 33.36 2.07 0.00 | 29.47 1.85 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 28.73 1.88 0.00 | 27.60 1.73 0.00 | 25.84 1.44 0.00 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.34 1.36 0.00 | 24.66 1.31 0.00 | 23.93 1.48 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.10 2.60 0.00 | 33.89 2.60 0.00 | 30.08 2.46 0.00 |
| N.TROY___115KV_TB1 355778 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.35 0.95 0.00 | 24.05 0.93 0.00 | 23.64 0.91 0.00 | 23.90 0.92 0.00 | 24.35 1.00 0.00 | 23.46 1.01 0.00 | 25.10 1.08 0.00 | 27.55 1.29 0.00 | 27.50 1.18 0.00 | 27.91 1.12 0.00 | 29.96 1.35 0.00 | 30.16 1.30 0.00 | 30.55 1.32 0.00 | 32.48 1.40 0.00 | 35.79 1.41 0.00 | 39.29 1.69 0.00 | 40.33 1.74 0.00 | 39.00 1.72 0.00 | 37.41 1.82 0.00 | 34.13 1.63 0.00 | 32.80 1.50 0.00 | 28.95 1.33 0.00 |
| NARROWS_GT1_1 24228 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_2 24229 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_3 24230 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_4 24231 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| NARROWS_GT1_5 24232 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_6 24233 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_7 24234 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT1_8 24235 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_1 24236 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_2 24237 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_3 24238 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_4 24239 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_5 24240 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_6 24241 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_7 24242 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NARROWS_GT2_8 24243 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.20 1.94 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.02 2.40 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.79 3.20 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.26 2.76 0.00 | 33.89 2.60 0.00 | 30.00 2.38 0.00 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 27.95 1.10 0.00 | 26.93 1.06 0.00 | 25.37 0.98 0.00 | 24.10 0.97 0.00 | 23.68 0.95 0.00 | 23.92 0.94 0.00 | 24.28 0.93 0.00 | 23.25 0.81 0.00 | 24.83 0.82 0.00 | 27.13 0.87 0.00 | 27.08 0.76 0.00 | 27.42 0.64 0.00 | 29.48 0.86 0.00 | 29.58 0.72 0.00 | 30.02 0.79 0.00 | 32.02 0.93 0.00 | 35.41 1.03 0.00 | 39.06 1.47 0.00 | 40.14 1.54 0.00 | 38.92 1.64 0.00 | 37.41 1.82 0.00 | 34.06 1.56 0.00 | 32.70 1.41 0.00 | 28.86 1.24 0.00 |
| NCHELSEA_115KV_TR2 355582 | 28.38 1.53 0.00 | 27.29 1.42 0.00 | 25.64 1.24 0.00 | 24.28 1.16 0.00 | 23.89 1.16 0.00 | 24.15 1.17 0.00 | 24.54 1.19 0.00 | 23.68 1.23 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.08 1.76 0.00 | 28.44 1.66 0.00 | 30.68 2.06 0.00 | 30.85 1.99 0.00 | 31.37 2.13 0.00 | 33.39 2.30 0.00 | 36.96 2.58 0.00 | 40.26 2.67 0.00 | 41.37 2.78 0.00 | 39.97 2.68 0.00 | 38.01 2.42 0.00 | 34.81 2.31 0.00 | 33.45 2.16 0.00 | 29.55 1.93 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 28.60 1.74 0.00 | 27.57 1.71 0.00 | 25.91 1.51 0.00 | 24.58 1.46 0.00 | 24.11 1.39 0.00 | 24.43 1.45 0.00 | 24.87 1.52 0.00 | 23.95 1.50 0.00 | 25.70 1.68 0.00 | 28.18 1.92 0.00 | 28.11 1.79 0.00 | 28.58 1.79 0.00 | 30.65 2.03 0.00 | 30.80 1.93 0.00 | 31.16 1.93 0.00 | 33.17 2.08 0.00 | 36.48 2.10 0.00 | 40.15 2.56 0.00 | 41.29 2.70 0.00 | 40.00 2.72 0.00 | 38.54 2.95 0.00 | 35.13 2.63 0.00 | 33.64 2.35 0.00 | 29.63 2.02 0.00 |

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| NEG CENTRAL_HIGH_ACRES 23767 | 25.83 -1.02 0.00 | 24.86 -1.01 0.00 | 23.45 -0.95 0.00 | 22.16 -0.97 0.00 | 21.82 -0.91 0.00 | 21.99 -0.99 0.00 | 22.23 -1.12 0.00 | 21.64 -0.81 0.00 | 23.30 -0.72 0.00 | 25.42 -0.84 0.00 | 25.68 -0.63 0.00 | 26.38 -0.40 0.00 | 27.99 -0.63 0.00 | 28.20 -0.66 0.00 | 28.29 -0.94 0.00 | 30.15 -0.93 0.00 | 33.28 -1.10 0.00 | 36.38 -1.09 0.13 | 37.38 -1.08 0.13 | 36.19 -0.93 0.16 | 34.52 -0.93 0.14 | 31.45 -1.04 0.01 | 30.42 -0.88 0.00 | 26.79 -0.83 0.00 |
| NEG CENTRAL___DRP 24199 | 26.58 -0.27 0.00 | 25.56 -0.31 0.00 | 24.15 -0.24 0.00 | 22.87 -0.25 0.00 | 22.46 -0.27 0.00 | 22.68 -0.30 0.00 | 23.02 -0.33 0.00 | 22.31 -0.13 0.00 | 23.87 -0.14 0.00 | 26.00 -0.26 0.00 | 26.21 -0.11 0.00 | 26.92 0.13 0.00 | 28.62 0.00 0.00 | 28.92 0.06 0.00 | 29.11 -0.12 0.00 | 31.02 -0.06 0.00 | 34.35 -0.03 0.00 | 37.28 -0.26 0.05 | 38.35 -0.19 0.05 | 37.09 -0.11 0.08 | 35.53 0.00 0.06 | 32.46 -0.03 0.00 | 31.39 0.09 0.00 | 27.65 0.03 0.00 |
| NEG CENTRAL___INDECK 23768 | 26.56 -0.29 0.00 | 25.53 -0.34 0.00 | 24.08 -0.32 0.00 | 22.75 -0.37 0.00 | 22.41 -0.32 0.00 | 22.54 -0.44 0.00 | 22.70 -0.65 0.00 | 21.97 -0.47 0.00 | 23.44 -0.58 0.00 | 25.47 -0.79 0.00 | 25.68 -0.63 0.00 | 26.54 -0.24 0.00 | 28.13 -0.49 0.00 | 28.40 -0.46 0.00 | 28.41 -0.82 0.00 | 30.37 -0.71 0.00 | 33.69 -0.69 0.00 | 36.76 -0.72 0.12 | 38.08 -0.39 0.12 | 37.17 0.07 0.19 | 35.71 0.25 0.13 | 32.66 0.16 0.01 | 31.64 0.34 0.00 | 27.87 0.25 0.00 |
| NEG CENTRAL___SENECA 23627 | 26.48 -0.38 0.00 | 25.43 -0.44 0.00 | 24.03 -0.37 0.00 | 22.78 -0.35 0.00 | 22.34 -0.39 0.00 | 22.57 -0.41 0.00 | 22.88 -0.47 0.00 | 22.22 -0.22 0.00 | 23.78 -0.24 0.00 | 25.92 -0.34 0.00 | 26.18 -0.13 0.00 | 26.97 0.19 0.00 | 28.62 0.00 0.00 | 28.95 0.09 0.00 | 29.06 -0.18 0.00 | 30.99 -0.09 0.00 | 34.31 -0.07 0.00 | 37.05 -0.45 0.09 | 38.15 -0.35 0.09 | 36.91 -0.22 0.15 | 35.42 -0.07 0.10 | 32.43 -0.07 0.01 | 31.42 0.13 0.00 | 27.65 0.03 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 26.85 0.00 0.00 | 25.84 -0.03 0.00 | 24.42 0.02 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.28 -0.07 0.00 | 22.54 0.09 0.00 | 24.11 0.10 0.00 | 26.29 0.03 0.00 | 26.42 0.11 0.00 | 27.02 0.24 0.00 | 28.85 0.23 0.00 | 29.12 0.26 0.00 | 29.41 0.18 0.00 | 31.27 0.19 0.00 | 34.62 0.24 0.00 | 37.76 0.19 0.02 | 38.84 0.27 0.02 | 37.57 0.30 0.02 | 35.89 0.32 0.02 | 32.76 0.26 0.00 | 31.58 0.28 0.00 | 27.79 0.17 0.00 |
| NEG MILLWOOD___DRP 24198 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.79 1.39 0.00 | 24.44 1.32 0.00 | 24.02 1.30 0.00 | 24.31 1.33 0.00 | 24.70 1.35 0.00 | 23.86 1.41 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.39 2.08 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.26 2.40 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.80 3.20 0.00 | 40.38 3.09 0.00 | 38.33 2.74 0.00 | 35.13 2.63 0.00 | 33.77 2.47 0.00 | 29.80 2.18 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 26.88 0.03 0.00 | 26.00 0.13 0.00 | 24.50 0.10 0.00 | 23.24 0.12 0.00 | 22.82 0.09 0.00 | 23.14 0.16 0.00 | 23.49 0.14 0.00 | 22.40 -0.04 0.00 | 23.97 -0.05 0.00 | 26.50 0.24 0.00 | 26.58 0.26 0.00 | 27.16 0.37 0.00 | 28.90 0.29 0.00 | 29.18 0.32 0.00 | 29.58 0.35 0.00 | 31.40 0.31 0.00 | 34.96 0.58 0.00 | 38.35 0.75 0.00 | 39.25 0.66 0.00 | 37.96 0.67 0.00 | 36.09 0.50 0.00 | 32.76 0.26 0.00 | 31.77 0.47 0.00 | 27.98 0.36 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 26.32 -0.54 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.73 -0.39 0.00 | 22.32 -0.41 0.00 | 22.64 -0.34 0.00 | 22.98 -0.37 0.00 | 21.91 -0.54 0.00 | 23.42 -0.60 0.00 | 25.84 -0.42 0.00 | 25.89 -0.42 0.00 | 26.46 -0.32 0.00 | 28.16 -0.46 0.00 | 28.43 -0.43 0.00 | 28.82 -0.41 0.00 | 30.62 -0.47 0.00 | 34.07 -0.31 0.00 | 37.37 -0.23 0.00 | 38.28 -0.31 0.00 | 37.02 -0.26 0.00 | 35.16 -0.43 0.00 | 32.01 -0.49 0.00 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 26.83 -0.03 0.00 | 25.94 0.08 0.00 | 24.45 0.05 0.00 | 23.17 0.05 0.00 | 22.77 0.05 0.00 | 23.10 0.11 0.00 | 23.44 0.09 0.00 | 22.36 -0.09 0.00 | 23.92 -0.10 0.00 | 26.42 0.16 0.00 | 26.50 0.18 0.00 | 27.08 0.29 0.00 | 28.82 0.20 0.00 | 29.12 0.26 0.00 | 29.49 0.26 0.00 | 31.33 0.25 0.00 | 34.90 0.52 0.00 | 38.31 0.71 0.00 | 39.21 0.62 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.70 0.41 0.00 | 27.92 0.30 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 26.83 -0.03 0.00 | 25.94 0.08 0.00 | 24.45 0.05 0.00 | 23.17 0.05 0.00 | 22.77 0.05 0.00 | 23.10 0.11 0.00 | 23.44 0.09 0.00 | 22.36 -0.09 0.00 | 23.92 -0.10 0.00 | 26.42 0.16 0.00 | 26.50 0.18 0.00 | 27.08 0.29 0.00 | 28.82 0.20 0.00 | 29.12 0.26 0.00 | 29.49 0.26 0.00 | 31.33 0.25 0.00 | 34.90 0.52 0.00 | 38.31 0.71 0.00 | 39.21 0.62 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.70 0.41 0.00 | 27.92 0.30 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 26.83 -0.03 0.00 | 25.94 0.08 0.00 | 24.45 0.05 0.00 | 23.20 0.07 0.00 | 22.77 0.05 0.00 | 23.10 0.12 0.00 | 23.44 0.09 0.00 | 22.36 -0.09 0.00 | 23.97 -0.05 0.00 | 26.42 0.16 0.00 | 26.50 0.19 0.00 | 27.08 0.30 0.00 | 28.82 0.20 0.00 | 29.12 0.26 0.00 | 29.49 0.26 0.00 | 31.33 0.25 0.00 | 34.90 0.52 0.00 | 38.31 0.71 0.00 | 39.21 0.62 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.70 0.41 0.00 | 27.92 0.30 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 25.13 -1.72 0.00 | 24.16 -1.71 0.00 | 22.84 -1.56 0.00 | 21.69 -1.43 0.00 | 21.21 -1.52 0.00 | 21.40 -1.59 0.00 | 21.55 -1.80 0.00 | 21.03 -1.41 0.00 | 22.84 -1.18 0.00 | 24.71 -1.55 0.00 | 25.24 -1.08 0.00 | 26.25 -0.54 0.00 | 27.47 -1.14 0.00 | 27.85 -1.01 0.00 | 27.62 -1.61 0.00 | 29.47 -1.62 0.00 | 32.56 -1.82 0.00 | 35.20 -2.26 0.14 | 36.10 -2.35 0.14 | 34.52 -2.57 0.19 | 33.30 -2.14 0.15 | 30.57 -1.92 0.01 | 29.86 -1.44 0.00 | 26.49 -1.13 0.00 |
| NEG WEST___LANCASTER 23811 | 25.40 -1.45 0.00 | 24.34 -1.53 0.00 | 23.03 -1.37 0.00 | 21.88 -1.25 0.00 | 21.41 -1.32 0.00 | 21.58 -1.40 0.00 | 21.78 -1.56 0.00 | 21.12 -1.32 0.00 | 22.89 -1.13 0.00 | 24.79 -1.47 0.00 | 25.37 -0.95 0.00 | 26.38 -0.40 0.00 | 27.67 -0.94 0.00 | 28.11 -0.75 0.00 | 27.92 -1.32 0.00 | 29.84 -1.24 0.00 | 33.00 -1.38 0.00 | 34.46 -3.01 0.12 | 35.42 -3.05 0.13 | 34.00 -3.09 0.19 | 32.57 -2.88 0.14 | 30.87 -1.63 0.01 | 30.11 -1.19 0.00 | 26.90 -0.72 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 27.04 0.19 0.00 | 26.00 0.13 0.00 | 24.55 0.15 0.00 | 23.24 0.12 0.00 | 22.84 0.11 0.00 | 23.05 0.07 0.00 | 23.40 0.05 0.00 | 22.67 0.22 0.00 | 24.23 0.22 0.00 | 26.52 0.26 0.00 | 26.66 0.34 0.00 | 27.26 0.48 0.00 | 29.10 0.49 0.00 | 29.38 0.52 0.00 | 29.64 0.41 0.00 | 31.55 0.47 0.00 | 34.90 0.52 0.00 | 37.94 0.38 0.04 | 38.98 0.43 0.04 | 37.65 0.41 0.04 | 35.91 0.36 0.04 | 32.92 0.42 0.00 | 31.77 0.47 0.00 | 28.03 0.41 0.00 |
| NEG___GEN_MONROE 24207 | 25.94 -0.91 0.00 | 24.99 -0.88 0.00 | 23.62 -0.78 0.00 | 22.39 -0.74 0.00 | 21.96 -0.77 0.00 | 22.18 -0.80 0.00 | 22.37 -0.98 0.00 | 21.68 -0.76 0.00 | 23.39 -0.62 0.00 | 25.37 -0.89 0.00 | 25.76 -0.55 0.00 | 26.59 -0.19 0.00 | 28.02 -0.60 0.00 | 28.34 -0.52 0.00 | 28.35 -0.88 0.00 | 30.31 -0.78 0.00 | 33.52 -0.86 0.00 | 36.55 -0.90 0.14 | 37.64 -0.81 0.15 | 36.17 -0.93 0.19 | 34.79 -0.64 0.16 | 31.71 -0.78 0.01 | 30.76 -0.53 0.00 | 27.12 -0.50 0.00 |

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| NEPA___ENERGY 23901 | 25.54 -1.32 0.00 | 24.44 -1.42 0.00 | 23.13 -1.27 0.00 | 21.99 -1.13 0.00 | 21.52 -1.20 0.00 | 21.69 -1.29 0.00 | 21.90 -1.45 0.00 | 21.37 -1.08 0.00 | 23.13 -0.89 0.00 | 25.05 -1.21 0.00 | 25.63 -0.68 0.00 | 26.65 -0.13 0.00 | 27.96 -0.66 0.00 | 28.40 -0.46 0.00 | 28.18 -1.05 0.00 | 30.12 -0.96 0.00 | 33.35 -1.03 0.00 | 35.55 -1.92 0.12 | 36.54 -1.93 0.13 | 34.93 -2.16 0.19 | 33.60 -1.85 0.14 | 31.23 -1.27 0.01 | 30.42 -0.88 0.00 | 27.04 -0.58 0.00 |
| NEVERSink___HYD 23608 | 28.27 1.42 0.00 | 27.18 1.32 0.00 | 25.64 1.24 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.08 1.10 0.00 | 24.45 1.10 0.00 | 23.57 1.12 0.00 | 25.31 1.30 0.00 | 27.78 1.52 0.00 | 27.89 1.58 0.00 | 28.28 1.50 0.00 | 30.45 1.83 0.00 | 30.68 1.82 0.00 | 31.19 1.96 0.00 | 33.17 2.08 0.00 | 36.79 2.41 0.00 | 40.15 2.56 0.00 | 41.25 2.66 0.00 | 39.78 2.50 0.00 | 37.87 2.28 0.00 | 34.65 2.14 0.00 | 33.30 2.00 0.00 | 29.41 1.79 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 27.44 0.59 0.00 | 26.44 0.57 0.00 | 24.86 0.46 0.00 | 23.63 0.51 0.00 | 23.23 0.50 0.00 | 23.49 0.51 0.00 | 23.91 0.56 0.00 | 23.03 0.58 0.00 | 24.64 0.62 0.00 | 26.97 0.71 0.00 | 26.97 0.66 0.00 | 27.34 0.56 0.00 | 29.39 0.77 0.00 | 29.61 0.75 0.00 | 30.02 0.79 0.00 | 31.92 0.84 0.00 | 35.20 0.83 0.00 | 38.61 1.02 0.00 | 39.56 0.96 0.00 | 38.29 1.01 0.00 | 36.66 1.07 0.00 | 33.44 0.94 0.00 | 32.14 0.84 0.00 | 28.37 0.75 0.00 |
| NEWTON___FALLS_HYD 23847 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.51 -0.84 0.00 | 21.53 -0.92 0.00 | 22.96 -1.06 0.00 | 25.26 -1.00 0.00 | 25.24 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.25 -1.13 0.00 | 36.58 -1.02 0.00 | 37.63 -0.96 0.00 | 36.39 -0.89 0.00 | 34.70 -0.89 0.00 | 31.69 -0.81 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| NGRID_A1_DSASP 323792 | 24.79 -2.07 0.00 | 23.77 -2.09 0.00 | 22.52 -1.88 0.00 | 21.30 -1.83 0.00 | 20.96 -1.77 0.00 | 21.00 -1.98 0.00 | 21.13 -2.22 0.00 | 20.70 -1.75 0.00 | 22.43 -1.59 0.00 | 24.47 -1.79 0.00 | 24.87 -1.45 0.00 | 25.79 -0.99 0.00 | 27.13 -1.49 0.00 | 27.33 -1.53 0.00 | 27.13 -2.11 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.60 -2.86 0.14 | 35.40 -3.05 0.14 | 34.22 -2.87 0.19 | 32.66 -2.78 0.15 | 29.96 -2.54 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| NGRID_A2_DSASP 323793 | 24.79 -2.07 0.00 | 23.77 -2.09 0.00 | 22.52 -1.88 0.00 | 21.30 -1.83 0.00 | 20.96 -1.77 0.00 | 21.00 -1.98 0.00 | 21.13 -2.22 0.00 | 20.70 -1.75 0.00 | 22.43 -1.59 0.00 | 24.47 -1.79 0.00 | 24.87 -1.45 0.00 | 25.79 -0.99 0.00 | 27.13 -1.49 0.00 | 27.33 -1.53 0.00 | 27.13 -2.11 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.60 -2.86 0.14 | 35.40 -3.05 0.14 | 34.22 -2.87 0.19 | 32.66 -2.78 0.15 | 29.96 -2.54 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| NGRID_A4_DSASP 323807 | 24.79 -2.07 0.00 | 23.77 -2.09 0.00 | 22.52 -1.88 0.00 | 21.30 -1.83 0.00 | 20.96 -1.77 0.00 | 21.00 -1.98 0.00 | 21.13 -2.22 0.00 | 20.70 -1.75 0.00 | 22.43 -1.59 0.00 | 24.47 -1.79 0.00 | 24.87 -1.45 0.00 | 25.79 -0.99 0.00 | 27.13 -1.49 0.00 | 27.33 -1.53 0.00 | 27.13 -2.11 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.60 -2.86 0.14 | 35.40 -3.05 0.14 | 34.22 -2.87 0.19 | 32.66 -2.78 0.15 | 29.96 -2.54 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| NIAGARA_115E_LBMP 323715 | 24.87 -1.99 0.00 | 23.85 -2.02 0.00 | 22.57 -1.83 0.00 | 21.35 -1.78 0.00 | 21.00 -1.73 0.00 | 21.07 -1.91 0.00 | 21.20 -2.15 0.00 | 20.76 -1.68 0.00 | 22.48 -1.54 0.00 | 24.53 -1.73 0.00 | 24.92 -1.40 0.00 | 25.84 -0.94 0.00 | 27.19 -1.43 0.00 | 27.42 -1.44 0.00 | 27.18 -2.05 0.00 | 29.00 -2.08 0.00 | 32.04 -2.34 0.00 | 34.68 -2.78 0.14 | 35.52 -2.93 0.14 | 34.30 -2.80 0.19 | 32.73 -2.71 0.15 | 30.09 -2.40 0.01 | 29.36 -1.94 0.00 | 26.07 -1.55 0.00 |
| NIAGARA_115W_LBMP 323714 | 24.73 -2.12 0.00 | 23.72 -2.15 0.00 | 22.47 -1.93 0.00 | 21.25 -1.87 0.00 | 20.91 -1.82 0.00 | 20.96 -2.02 0.00 | 21.08 -2.26 0.00 | 20.65 -1.80 0.00 | 22.38 -1.63 0.00 | 24.42 -1.84 0.00 | 24.79 -1.53 0.00 | 25.74 -1.04 0.00 | 27.07 -1.55 0.00 | 27.28 -1.59 0.00 | 27.07 -2.16 0.00 | 28.85 -2.24 0.00 | 31.84 -2.54 0.00 | 34.53 -2.93 0.14 | 35.33 -3.12 0.14 | 34.15 -2.95 0.19 | 32.59 -2.85 0.15 | 29.89 -2.60 0.01 | 29.20 -2.10 0.00 | 25.93 -1.69 0.00 |
| NIAGARA_230_LBMP 323716 | 25.00 -1.85 0.00 | 23.95 -1.91 0.00 | 22.69 -1.71 0.00 | 21.46 -1.67 0.00 | 21.11 -1.61 0.00 | 21.17 -1.82 0.00 | 21.32 -2.03 0.00 | 20.85 -1.59 0.00 | 22.58 -1.44 0.00 | 24.63 -1.63 0.00 | 25.00 -1.32 0.00 | 25.92 -0.86 0.00 | 27.30 -1.32 0.00 | 27.51 -1.36 0.00 | 27.30 -1.93 0.00 | 29.13 -1.96 0.00 | 32.15 -2.23 0.00 | 34.86 -2.59 0.14 | 35.67 -2.78 0.14 | 34.48 -2.61 0.19 | 32.91 -2.53 0.15 | 30.22 -2.28 0.01 | 29.48 -1.82 0.00 | 26.15 -1.46 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 24.65 -2.20 0.00 | 23.67 -2.20 0.00 | 22.40 -2.00 0.00 | 21.28 -1.85 0.00 | 20.80 -1.93 0.00 | 20.98 -2.00 0.00 | 21.13 -2.22 0.00 | 20.63 -1.82 0.00 | 22.38 -1.63 0.00 | 24.24 -2.02 0.00 | 24.74 -1.58 0.00 | 25.74 -1.04 0.00 | 26.93 -1.69 0.00 | 27.28 -1.59 0.00 | 27.04 -2.19 0.00 | 28.85 -2.24 0.00 | 31.84 -2.54 0.00 | 34.49 -2.97 0.14 | 35.33 -3.13 0.14 | 33.74 -3.36 0.19 | 32.59 -2.85 0.15 | 29.86 -2.63 0.01 | 29.20 -2.10 0.00 | 25.93 -1.68 0.00 |
| NIAGARA___ 23760 | 25.00 -1.85 0.00 | 23.95 -1.91 0.00 | 22.69 -1.71 0.00 | 21.46 -1.67 0.00 | 21.11 -1.61 0.00 | 21.17 -1.82 0.00 | 21.32 -2.03 0.00 | 20.85 -1.59 0.00 | 22.58 -1.44 0.00 | 24.63 -1.63 0.00 | 25.00 -1.32 0.00 | 25.92 -0.86 0.00 | 27.30 -1.32 0.00 | 27.51 -1.36 0.00 | 27.30 -1.93 0.00 | 29.13 -1.96 0.00 | 32.15 -2.23 0.00 | 34.87 -2.59 0.14 | 35.67 -2.78 0.14 | 34.48 -2.61 0.19 | 32.91 -2.53 0.15 | 30.22 -2.28 0.01 | 29.48 -1.82 0.00 | 26.15 -1.46 0.00 |
| NINE_MILE_1 23575 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.95 -0.49 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.66 -0.66 0.00 | 26.17 -0.61 0.00 | 27.96 -0.66 0.00 | 28.17 -0.69 0.00 | 28.50 -0.73 0.00 | 30.31 -0.78 0.00 | 33.52 -0.86 0.00 | 35.66 -0.94 0.99 | 36.61 -0.96 1.02 | 35.26 -0.90 1.13 | 33.59 -0.89 1.11 | 31.63 -0.81 0.06 | 30.54 -0.75 0.00 | 26.93 -0.69 0.00 |
| NINE_MILE_2 23744 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.66 -0.66 0.00 | 26.17 -0.61 0.00 | 27.96 -0.66 0.00 | 28.17 -0.69 0.00 | 28.50 -0.73 0.00 | 30.31 -0.78 0.00 | 33.52 -0.86 0.00 | 35.65 -0.94 1.01 | 36.60 -0.96 1.03 | 35.24 -0.90 1.15 | 33.61 -0.85 1.12 | 31.63 -0.81 0.06 | 30.54 -0.75 0.00 | 26.93 -0.69 0.00 |
| NM_CAPITAL___DRP 24208 | 27.50 0.64 0.00 | 26.51 0.65 0.00 | 24.94 0.54 0.00 | 23.68 0.56 0.00 | 23.30 0.57 0.00 | 23.53 0.55 0.00 | 23.98 0.63 0.00 | 23.10 0.65 0.00 | 24.69 0.67 0.00 | 27.05 0.79 0.00 | 27.03 0.71 0.00 | 27.40 0.62 0.00 | 29.45 0.83 0.00 | 29.67 0.81 0.00 | 30.08 0.85 0.00 | 31.96 0.87 0.00 | 35.27 0.89 0.00 | 38.65 1.05 0.00 | 39.63 1.04 0.00 | 38.33 1.04 0.00 | 36.70 1.10 0.00 | 33.51 1.01 0.00 | 32.17 0.88 0.00 | 28.42 0.80 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_CENTRAL___DRP 24181 | 26.69 -0.16 0.00 | 25.69 -0.18 0.00 | 24.28 -0.12 0.00 | 23.01 -0.12 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.19 -0.16 0.00 | 22.40 -0.04 0.00 | 23.97 -0.05 0.00 | 26.10 -0.16 0.00 | 26.21 -0.11 0.00 | 26.75 -0.03 0.00 | 28.59 -0.03 0.00 | 28.83 -0.03 0.00 | 29.11 -0.12 0.00 | 30.99 -0.09 0.00 | 34.28 -0.10 0.00 | 37.39 -0.15 0.06 | 38.42 -0.12 0.06 | 37.07 -0.15 0.07 | 35.42 -0.11 0.06 | 32.37 -0.13 0.00 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| NM_FRONTIER___DRP 24179 | 24.65 -2.20 0.00 | 23.67 -2.20 0.00 | 22.40 -2.00 0.00 | 21.28 -1.85 0.00 | 20.80 -1.93 0.00 | 20.98 -2.00 0.00 | 21.13 -2.22 0.00 | 20.63 -1.82 0.00 | 22.38 -1.63 0.00 | 24.24 -2.02 0.00 | 24.74 -1.58 0.00 | 25.74 -1.04 0.00 | 26.93 -1.69 0.00 | 27.28 -1.59 0.00 | 27.04 -2.19 0.00 | 28.85 -2.24 0.00 | 31.84 -2.54 0.00 | 34.49 -2.97 0.14 | 35.33 -3.13 0.14 | 33.74 -3.36 0.19 | 32.59 -2.85 0.15 | 29.86 -2.63 0.01 | 29.20 -2.10 0.00 | 25.93 -1.68 0.00 |
| NM_ST_REGIS___HYD 24053 | 25.99 -0.86 0.00 | 25.14 -0.72 0.00 | 23.69 -0.71 0.00 | 22.46 -0.67 0.00 | 22.07 -0.66 0.00 | 22.34 -0.64 0.00 | 22.67 -0.68 0.00 | 21.59 -0.85 0.00 | 23.08 -0.94 0.00 | 25.42 -0.84 0.00 | 25.42 -0.89 0.00 | 25.90 -0.88 0.00 | 27.53 -1.09 0.00 | 27.80 -1.07 0.00 | 28.18 -1.05 0.00 | 29.97 -1.12 0.00 | 33.35 -1.03 0.00 | 36.58 -1.02 0.00 | 37.51 -1.08 0.00 | 36.31 -0.97 0.00 | 34.60 -1.00 0.00 | 31.53 -0.98 0.00 | 30.39 -0.91 0.00 | 26.79 -0.83 0.00 |
| NORTHPORT___1 23551 | 31.03 2.10 -2.08 | 28.01 1.96 -0.18 | 26.57 1.81 -0.37 | 24.68 1.55 0.00 | 24.23 1.50 0.00 | 24.61 1.63 0.00 | 24.98 1.63 0.00 | 24.04 1.59 0.00 | 25.94 1.92 0.00 | 28.54 2.28 0.00 | 35.30 2.39 -6.59 | 36.09 2.20 -7.11 | 36.46 2.52 -5.32 | 36.99 2.51 -5.61 | 37.23 2.57 -5.43 | 37.50 2.74 -3.68 | 40.64 2.96 -3.30 | 41.53 3.16 -0.78 | 41.76 3.17 0.00 | 40.08 2.80 0.00 | 38.08 2.49 0.00 | 37.06 2.76 -1.80 | 35.52 2.78 -1.44 | 34.50 2.54 -4.34 |
| NORTHPORT___2 23552 | 31.03 2.10 -2.08 | 28.01 1.96 -0.18 | 26.57 1.81 -0.37 | 24.68 1.55 0.00 | 24.23 1.50 0.00 | 24.61 1.63 0.00 | 24.98 1.63 0.00 | 24.04 1.59 0.00 | 25.94 1.92 0.00 | 28.54 2.28 0.00 | 35.30 2.39 -6.59 | 36.09 2.20 -7.11 | 36.46 2.52 -5.32 | 36.99 2.51 -5.61 | 37.23 2.57 -5.43 | 37.50 2.74 -3.68 | 40.64 2.96 -3.30 | 41.53 3.16 -0.78 | 41.76 3.17 0.00 | 40.08 2.80 0.00 | 38.08 2.49 0.00 | 37.06 2.76 -1.80 | 35.52 2.78 -1.44 | 34.50 2.54 -4.34 |
| NORTHPORT___3 23553 | 30.60 1.67 -2.08 | 27.58 1.53 -0.18 | 26.13 1.37 -0.37 | 24.28 1.16 0.00 | 23.86 1.14 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.66 1.21 0.00 | 25.53 1.51 0.00 | 28.12 1.86 0.00 | 34.80 1.90 -6.59 | 35.65 1.77 -7.10 | 36.05 2.12 -5.32 | 36.66 2.19 -5.60 | 36.99 2.34 -5.42 | 37.24 2.49 -3.67 | 40.49 2.82 -3.29 | 41.18 2.82 -0.77 | 41.40 2.82 0.01 | 39.77 2.50 0.01 | 37.76 2.17 0.01 | 36.66 2.37 0.01 | 34.96 2.22 -1.79 | 34.09 2.13 -4.34 |
| NORTHPORT___4 23650 | 30.60 1.67 -2.08 | 27.58 1.53 -0.18 | 26.13 1.37 -0.37 | 24.28 1.16 0.00 | 23.86 1.14 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.66 1.21 0.00 | 25.53 1.51 0.00 | 28.12 1.86 0.00 | 34.80 1.90 -6.59 | 35.65 1.77 -7.10 | 36.05 2.12 -5.32 | 36.66 2.19 -5.60 | 36.99 2.34 -5.42 | 37.24 2.49 -3.67 | 40.49 2.82 -3.29 | 41.18 2.82 -0.77 | 41.40 2.82 0.01 | 39.77 2.50 0.01 | 37.76 2.17 0.01 | 36.66 2.37 0.01 | 34.96 2.22 -1.79 | 34.09 2.13 -4.34 |
| NORTHPORT___IC 23718 | 31.03 2.09 -2.08 | 28.02 1.97 -0.18 | 26.50 1.73 -0.37 | 24.61 1.48 0.00 | 24.21 1.48 0.00 | 24.54 1.56 0.00 | 24.91 1.56 0.00 | 24.00 1.55 0.00 | 25.91 1.90 0.00 | 28.57 2.31 0.00 | 35.30 2.39 -6.59 | 36.09 2.20 -7.11 | 36.49 2.55 -5.32 | 36.99 2.51 -5.61 | 37.23 2.57 -5.43 | 37.50 2.74 -3.68 | 40.63 2.96 -3.30 | 41.53 3.16 -0.78 | 41.76 3.16 0.00 | 40.15 2.87 0.00 | 38.08 2.49 0.00 | 37.06 2.76 -1.80 | 35.52 2.79 -1.44 | 34.50 2.54 -4.34 |
| NORTH___COUNTRY_ESR 323785 | 26.26 -0.59 0.00 | 25.37 -0.49 0.00 | 23.93 -0.46 0.00 | 22.71 -0.42 0.00 | 22.27 -0.45 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.86 -0.58 0.00 | 23.44 -0.58 0.00 | 25.81 -0.45 0.00 | 25.89 -0.42 0.00 | 26.43 -0.35 0.00 | 28.13 -0.49 0.00 | 28.40 -0.46 0.00 | 28.79 -0.44 0.00 | 30.59 -0.50 0.00 | 34.00 -0.38 0.00 | 37.29 -0.30 0.00 | 38.21 -0.39 0.00 | 36.91 -0.37 0.00 | 35.06 -0.53 0.00 | 31.88 -0.62 0.00 | 30.89 -0.41 0.00 | 27.23 -0.39 0.00 |
| NPX_GEN_1385_PROXY 323591 | 30.87 1.93 -2.08 | 27.89 1.84 -0.18 | 26.47 1.71 -0.37 | 24.61 1.48 0.00 | 24.16 1.43 0.00 | 24.54 1.56 0.00 | 24.91 1.56 0.00 | 23.97 1.53 0.00 | 25.87 1.85 0.00 | 28.47 2.21 0.00 | 34.98 2.08 -6.59 | 35.53 1.63 -7.11 | 36.09 2.15 -5.32 | 36.67 2.19 -5.61 | 37.08 2.42 -5.43 | 37.50 2.74 -3.68 | 40.53 2.85 -3.30 | 41.53 3.16 -0.78 | 41.72 3.12 0.00 | 40.04 2.76 0.00 | 38.01 2.42 0.00 | 36.74 2.44 -1.80 | 35.18 2.44 -1.44 | 34.20 2.24 -4.34 |
| NPX_GEN_CSC 323557 | 30.89 1.96 -2.08 | 27.89 1.84 -0.18 | 26.47 1.71 -0.37 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.57 1.58 0.00 | 25.03 1.68 0.00 | 23.93 1.48 0.00 | 25.79 1.78 0.00 | 28.39 2.13 0.00 | 35.27 2.37 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.34 3.61 -3.35 | 42.14 3.76 -0.79 | 42.42 3.82 -0.01 | 40.64 3.36 0.00 | 38.54 2.95 0.00 | 37.45 3.15 -1.80 | 35.49 2.75 -1.44 | 34.39 2.43 -4.34 |
| NSINS_S_GLNS_FALLS 23858 | 29.11 2.26 0.00 | 28.09 2.22 0.00 | 26.33 1.93 0.00 | 25.00 1.87 0.00 | 24.50 1.77 0.00 | 24.82 1.84 0.00 | 25.29 1.94 0.00 | 24.33 1.89 0.00 | 26.15 2.14 0.00 | 28.78 2.52 0.00 | 28.55 2.24 0.00 | 29.03 2.25 0.00 | 31.14 2.52 0.00 | 31.14 2.28 0.00 | 31.45 2.22 0.00 | 33.54 2.46 0.00 | 36.75 2.37 0.00 | 40.60 3.01 0.00 | 42.07 3.47 0.00 | 40.83 3.54 0.00 | 39.58 3.99 0.00 | 36.04 3.54 0.00 | 34.46 3.16 0.00 | 30.27 2.65 0.00 |
| NUCOR_STEEL___DRP 24197 | 26.93 0.08 0.00 | 25.94 0.08 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.80 0.07 0.00 | 23.05 0.07 0.00 | 23.37 0.02 0.00 | 22.63 0.18 0.00 | 24.19 0.17 0.00 | 26.36 0.11 0.00 | 26.47 0.16 0.00 | 27.05 0.27 0.00 | 28.87 0.26 0.00 | 29.12 0.26 0.00 | 29.41 0.18 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.78 0.19 0.00 | 38.86 0.27 0.00 | 37.59 0.30 -0.01 | 35.91 0.32 0.00 | 32.76 0.26 0.00 | 31.61 0.31 0.00 | 27.81 0.19 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 26.15 -0.70 0.00 | 25.30 -0.57 0.00 | 23.89 -0.51 0.00 | 22.55 -0.58 0.00 | 22.16 -0.57 0.00 | 22.41 -0.57 0.00 | 22.72 -0.63 0.00 | 21.86 -0.58 0.00 | 23.32 -0.70 0.00 | 25.68 -0.58 0.00 | 25.63 -0.68 0.00 | 26.08 -0.70 0.00 | 27.87 -0.74 0.00 | 28.17 -0.69 0.00 | 28.59 -0.64 0.00 | 30.37 -0.71 0.00 | 34.04 -0.34 0.00 | 37.52 -0.08 0.00 | 38.59 0.00 0.00 | 37.36 0.07 0.00 | 35.59 0.00 0.00 | 32.57 0.07 0.00 | 31.23 -0.06 0.00 | 27.54 -0.08 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 26.85 0.00 0.00 | 25.87 0.00 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.73 0.00 0.00 | 22.98 0.00 0.00 | 23.35 0.00 0.00 | 22.45 0.00 0.00 | 24.02 0.00 0.00 | 26.26 0.00 0.00 | 26.32 0.00 0.00 | 26.78 0.00 0.00 | 28.62 0.00 0.00 | 28.86 0.00 0.00 | 29.23 0.00 0.00 | 31.08 0.00 0.00 | 34.38 0.00 0.00 | 37.60 0.00 0.00 | 38.59 0.00 0.00 | 37.28 0.00 0.00 | 35.59 0.00 0.00 | 32.50 0.00 0.00 | 31.30 0.00 0.00 | 27.62 0.00 0.00 |

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|--------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| NYPA_BRENTWD____GT 24164 | 31.30 | 28.27 | 26.82 | 24.88 | 24.43 | 24.82 | 25.19 | 24.20 | 26.13 | 28.78 | 35.61 | 36.52 | 36.94 | 37.53 | 37.82 | 38.15 | 41.40 | 42.32 | 42.61 | 40.86 | 38.80 | 37.71 | 35.93 | 34.84 |
| | 2.36 | 2.22 | 2.05 | 1.76 | 1.71 | 1.84 | 1.84 | 1.75 | 2.11 | 2.52 | 2.71 | 2.63 | 3.00 | 3.06 | 3.16 | 3.39 | 3.71 | 3.95 | 4.01 | 3.58 | 3.20 | 3.41 | 3.19 | 2.87 |
| | -2.08 | -0.18 | -0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.59 | -7.11 | -5.32 | -5.61 | -5.43 | -3.68 | -3.31 | -0.78 | 0.00 | 0.00 | 0.00 | -1.80 | -1.44 | -4.34 |
| NYPA_GOWANUS____GT5 24156 | 28.65 | 27.52 | 25.84 | 24.44 | 24.02 | 24.27 | 24.70 | 23.90 | 25.67 | 28.20 | 28.37 | 28.76 | 31.02 | 31.37 | 31.86 | 33.91 | 37.44 | 40.64 | 41.76 | 40.23 | 38.16 | 35.26 | 33.89 | 30.00 |
| | 1.80 | 1.66 | 1.44 | 1.32 | 1.29 | 1.29 | 1.35 | 1.46 | 1.66 | 1.94 | 2.05 | 1.98 | 2.40 | 2.51 | 2.63 | 2.83 | 3.06 | 3.04 | 3.17 | 2.94 | 2.56 | 2.76 | 2.60 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_GOWANUS____GT6 24157 | 28.65 | 27.52 | 25.84 | 24.44 | 24.02 | 24.27 | 24.70 | 23.90 | 25.67 | 28.20 | 28.37 | 28.76 | 31.02 | 31.37 | 31.86 | 33.91 | 37.44 | 40.64 | 41.76 | 40.23 | 38.16 | 35.26 | 33.89 | 30.00 |
| | 1.80 | 1.66 | 1.44 | 1.32 | 1.29 | 1.29 | 1.35 | 1.46 | 1.66 | 1.94 | 2.05 | 1.98 | 2.40 | 2.51 | 2.63 | 2.83 | 3.06 | 3.04 | 3.17 | 2.94 | 2.56 | 2.76 | 2.60 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT1 24160 | 28.68 | 27.55 | 25.84 | 24.54 | 24.09 | 24.31 | 24.73 | 23.90 | 25.62 | 28.12 | 28.25 | 28.65 | 30.88 | 31.22 | 31.71 | 33.72 | 37.22 | 40.48 | 41.56 | 40.07 | 38.04 | 35.00 | 33.80 | 30.00 |
| | 1.83 | 1.68 | 1.44 | 1.41 | 1.36 | 1.33 | 1.38 | 1.46 | 1.61 | 1.86 | 1.95 | 1.87 | 2.26 | 2.37 | 2.48 | 2.64 | 2.85 | 2.90 | 2.97 | 2.80 | 2.45 | 2.50 | 2.50 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA_HARLEM__RVR__GT2 24161 | 28.68 | 27.55 | 25.84 | 24.54 | 24.09 | 24.31 | 24.73 | 23.90 | 25.62 | 28.12 | 28.25 | 28.65 | 30.88 | 31.22 | 31.71 | 33.72 | 37.22 | 40.48 | 41.56 | 40.07 | 38.04 | 35.00 | 33.80 | 30.00 |
| | 1.83 | 1.68 | 1.44 | 1.41 | 1.36 | 1.33 | 1.38 | 1.46 | 1.61 | 1.86 | 1.95 | 1.87 | 2.26 | 2.37 | 2.48 | 2.64 | 2.85 | 2.90 | 2.97 | 2.80 | 2.45 | 2.50 | 2.50 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA_KENT____GT 24152 | 28.62 | 27.50 | 25.81 | 24.44 | 24.02 | 24.27 | 24.73 | 23.93 | 25.70 | 28.20 | 28.34 | 28.74 | 30.99 | 31.32 | 31.83 | 33.85 | 37.37 | 40.60 | 41.72 | 40.19 | 38.16 | 35.20 | 33.86 | 29.94 |
| | 1.77 | 1.63 | 1.41 | 1.32 | 1.29 | 1.29 | 1.38 | 1.48 | 1.68 | 1.94 | 2.03 | 1.95 | 2.37 | 2.45 | 2.60 | 2.77 | 2.99 | 3.01 | 3.12 | 2.91 | 2.56 | 2.70 | 2.57 | 2.32 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_POUCH1____GT 24155 | 28.57 | 27.42 | 25.74 | 24.37 | 23.93 | 24.18 | 24.61 | 23.82 | 25.58 | 28.10 | 28.26 | 28.66 | 30.91 | 31.26 | 31.77 | 33.82 | 37.30 | 40.53 | 41.64 | 40.12 | 38.05 | 35.17 | 33.80 | 29.91 |
| | 1.72 | 1.55 | 1.34 | 1.25 | 1.20 | 1.19 | 1.26 | 1.37 | 1.56 | 1.84 | 1.95 | 1.87 | 2.29 | 2.39 | 2.54 | 2.74 | 2.92 | 2.93 | 3.05 | 2.83 | 2.45 | 2.67 | 2.50 | 2.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT2 24162 | 28.60 | 27.47 | 25.81 | 24.44 | 24.02 | 24.29 | 24.73 | 23.93 | 25.70 | 28.20 | 28.34 | 28.74 | 30.96 | 31.29 | 31.80 | 33.82 | 37.37 | 40.60 | 41.72 | 40.19 | 38.16 | 35.13 | 33.80 | 29.91 |
| | 1.74 | 1.60 | 1.41 | 1.32 | 1.29 | 1.31 | 1.38 | 1.48 | 1.68 | 1.94 | 2.03 | 1.95 | 2.35 | 2.42 | 2.57 | 2.74 | 2.99 | 3.01 | 3.12 | 2.91 | 2.56 | 2.63 | 2.50 | 2.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA_VERNON____GT3 24163 | 28.60 | 27.47 | 25.81 | 24.44 | 24.02 | 24.29 | 24.73 | 23.93 | 25.70 | 28.20 | 28.34 | 28.74 | 30.96 | 31.29 | 31.80 | 33.82 | 37.37 | 40.60 | 41.72 | 40.19 | 38.16 | 35.13 | 33.80 | 29.91 |
| | 1.74 | 1.60 | 1.41 | 1.32 | 1.29 | 1.31 | 1.38 | 1.48 | 1.68 | 1.94 | 2.03 | 1.95 | 2.35 | 2.42 | 2.57 | 2.74 | 2.99 | 3.01 | 3.12 | 2.91 | 2.56 | 2.63 | 2.50 | 2.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA__ASTORIA_CC1 323568 | 28.57 | 27.44 | 25.79 | 24.44 | 24.00 | 24.27 | 24.70 | 23.90 | 25.65 | 28.15 | 28.29 | 28.68 | 30.91 | 31.26 | 31.75 | 33.76 | 37.30 | 40.56 | 41.68 | 40.16 | 38.12 | 35.10 | 33.77 | 29.88 |
| | 1.72 | 1.58 | 1.39 | 1.32 | 1.27 | 1.29 | 1.35 | 1.46 | 1.63 | 1.89 | 1.97 | 1.90 | 2.29 | 2.39 | 2.51 | 2.67 | 2.92 | 2.97 | 3.09 | 2.87 | 2.53 | 2.60 | 2.47 | 2.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA__ASTORIA_CC2 323569 | 28.57 | 27.44 | 25.79 | 24.44 | 24.00 | 24.27 | 24.70 | 23.90 | 25.65 | 28.15 | 28.29 | 28.68 | 30.91 | 31.26 | 31.75 | 33.76 | 37.30 | 40.56 | 41.68 | 40.16 | 38.12 | 35.10 | 33.77 | 29.88 |
| | 1.72 | 1.58 | 1.39 | 1.32 | 1.27 | 1.29 | 1.35 | 1.46 | 1.63 | 1.89 | 1.97 | 1.90 | 2.29 | 2.39 | 2.51 | 2.67 | 2.92 | 2.97 | 3.09 | 2.87 | 2.53 | 2.60 | 2.47 | 2.27 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NYPA__HOLTSVILL 23794 | 31.00 | 28.01 | 26.57 | 24.65 | 24.23 | 24.61 | 25.01 | 23.99 | 25.91 | 28.52 | 35.32 | 36.28 | 36.69 | 37.31 | 37.61 | 37.90 | 41.20 | 42.03 | 42.31 | 40.57 | 38.51 | 37.42 | 35.59 | 34.53 |
| | 2.07 | 1.96 | 1.81 | 1.53 | 1.50 | 1.63 | 1.66 | 1.55 | 1.90 | 2.26 | 2.42 | 2.38 | 2.75 | 2.83 | 2.95 | 3.14 | 3.47 | 3.65 | 3.71 | 3.28 | 2.92 | 3.12 | 2.85 | 2.57 |
| | -2.08 | -0.18 | -0.37 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -6.59 | -7.11 | -5.32 | -5.61 | -5.43 | -3.68 | -3.35 | -0.78 | -0.01 | 0.00 | 0.00 | -1.80 | -1.44 | -4.34 |
| NYPA__HELLGATE_GT1 24158 | 28.68 | 27.55 | 25.84 | 24.54 | 24.09 | 24.31 | 24.73 | 23.90 | 25.62 | 28.12 | 28.25 | 28.65 | 30.88 | 31.22 | 31.71 | 33.72 | 37.22 | 40.48 | 41.56 | 40.07 | 38.04 | 35.00 | 33.80 | 30.00 |
| | 1.83 | 1.68 | 1.44 | 1.41 | 1.36 | 1.33 | 1.38 | 1.46 | 1.61 | 1.86 | 1.95 | 1.87 | 2.26 | 2.37 | 2.48 | 2.64 | 2.85 | 2.90 | 2.97 | 2.80 | 2.45 | 2.50 | 2.50 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYPA__HELLGATE_GT2 24159 | 28.68 | 27.55 | 25.84 | 24.54 | 24.09 | 24.31 | 24.73 | 23.90 | 25.62 | 28.12 | 28.25 | 28.65 | 30.88 | 31.22 | 31.71 | 33.72 | 37.22 | 40.48 | 41.56 | 40.07 | 38.04 | 35.00 | 33.80 | 30.00 |
| | 1.83 | 1.68 | 1.44 | 1.41 | 1.36 | 1.33 | 1.38 | 1.46 | 1.61 | 1.86 | 1.95 | 1.87 | 2.26 | 2.37 | 2.48 | 2.64 | 2.85 | 2.90 | 2.97 | 2.80 | 2.45 | 2.50 | 2.50 | 2.38 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |
| NYS_BARGE__HYD 23848 | 25.27 | 24.24 | 22.94 | 21.67 | 21.34 | 21.40 | 21.53 | 21.08 | 22.86 | 24.92 | 25.32 | 26.25 | 27.64 | 27.88 | 27.68 | 29.50 | 32.63 | 35.32 | 36.18 | 34.93 | 33.37 | 30.64 | 29.89 | 26.51 |
| | -1.58 | -1.63 | -1.46 | -1.46 | -1.39 | -1.59 | -1.82 | -1.37 | -1.15 | -1.34 | -1.00 | -0.54 | -0.97 | -0.98 | -1.55 | -1.58 | -1.75 | -2.14 | -2.28 | -2.16 | -2.07 | -1.85 | -1.41 | -1.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 | 0.14 | 0.19 | 0.15 | 0.01 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OAK ORCHARD___HYD 24046 | 26.07 -0.78 0.00 | 25.09 -0.78 0.00 | 23.67 -0.73 0.00 | 22.36 -0.76 0.00 | 22.02 -0.70 0.00 | 22.18 -0.80 0.00 | 22.37 -0.98 0.00 | 21.79 -0.65 0.00 | 23.51 -0.51 0.00 | 25.63 -0.63 0.00 | 25.95 -0.37 0.00 | 26.70 -0.08 0.00 | 28.28 -0.34 0.00 | 28.49 -0.38 0.00 | 28.53 -0.70 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.74 -0.72 0.14 | 37.71 -0.73 0.15 | 36.50 -0.60 0.19 | 34.86 -0.57 0.16 | 31.75 -0.75 0.01 | 30.73 -0.56 0.00 | 27.09 -0.53 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 26.91 0.05 0.00 | 25.87 0.00 0.00 | 24.42 0.02 0.00 | 23.15 0.02 0.00 | 22.73 0.00 0.00 | 22.96 -0.02 0.00 | 23.33 -0.02 0.00 | 22.56 0.11 0.00 | 24.14 0.12 0.00 | 26.36 0.11 0.00 | 26.53 0.21 0.00 | 27.13 0.35 0.00 | 28.93 0.31 0.00 | 29.24 0.38 0.00 | 29.49 0.26 0.00 | 31.40 0.31 0.00 | 34.72 0.34 0.00 | 37.74 0.19 0.04 | 38.78 0.23 0.04 | 37.42 0.19 0.05 | 35.73 0.18 0.04 | 32.76 0.26 0.00 | 31.61 0.31 0.00 | 27.90 0.28 0.00 |
| OCC_CHEM___DRP 24175 | 24.70 -2.15 0.00 | 23.72 -2.15 0.00 | 22.45 -1.95 0.00 | 21.32 -1.80 0.00 | 20.84 -1.89 0.00 | 21.03 -1.95 0.00 | 21.18 -2.17 0.00 | 20.67 -1.77 0.00 | 22.43 -1.59 0.00 | 24.29 -1.97 0.00 | 24.79 -1.53 0.00 | 25.79 -0.99 0.00 | 26.99 -1.63 0.00 | 27.33 -1.53 0.00 | 27.10 -2.13 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.56 -2.89 0.14 | 35.40 -3.05 0.14 | 33.81 -3.28 0.19 | 32.66 -2.78 0.15 | 29.92 -2.57 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| OH_GEN_PROXY 24063 | 25.03 -1.83 0.00 | 23.98 -1.89 0.00 | 22.69 -1.71 0.00 | 21.46 -1.67 0.00 | 21.14 -1.59 0.00 | 21.19 -1.79 0.00 | 21.34 -2.01 0.00 | 20.90 -1.55 0.00 | 22.60 -1.42 0.00 | 24.66 -1.60 0.00 | 25.03 -1.29 0.00 | 25.95 -0.83 0.00 | 27.33 -1.29 0.00 | 27.54 -1.53 0.00 | 27.36 -1.87 0.00 | 29.19 -1.90 0.00 | 32.21 -2.16 0.00 | 34.90 -2.56 0.14 | 35.75 -2.70 0.14 | 34.56 -2.54 0.19 | 32.95 -2.49 0.15 | 30.25 -2.24 0.01 | 29.48 -1.82 0.00 | 26.18 -1.44 0.00 |
| OLIN_CORP_DRP 24177 | 24.81 -2.04 0.00 | 23.82 -2.04 0.00 | 22.52 -1.88 0.00 | 21.41 -1.71 0.00 | 20.93 -1.80 0.00 | 21.12 -1.86 0.00 | 21.27 -2.08 0.00 | 20.74 -1.71 0.00 | 22.53 -1.49 0.00 | 24.37 -1.89 0.00 | 24.89 -1.42 0.00 | 25.90 -0.88 0.00 | 27.10 -1.52 0.00 | 27.45 -1.41 0.00 | 27.21 -2.02 0.00 | 29.03 -2.05 0.00 | 32.08 -2.30 0.00 | 34.72 -2.74 0.13 | 35.56 -2.89 0.14 | 33.96 -3.13 0.19 | 32.81 -2.63 0.15 | 30.09 -2.41 0.01 | 29.42 -1.88 0.00 | 26.10 -1.52 0.00 |
| OLIN_CORP_DSASP 323712 | 24.79 -2.07 0.00 | 23.77 -2.09 0.00 | 22.52 -1.88 0.00 | 21.30 -1.83 0.00 | 20.96 -1.77 0.00 | 21.00 -1.98 0.00 | 21.13 -2.22 0.00 | 20.70 -1.75 0.00 | 22.43 -1.59 0.00 | 24.47 -1.79 0.00 | 24.87 -1.45 0.00 | 25.79 -0.99 0.00 | 27.13 -1.49 0.00 | 27.33 -1.53 0.00 | 27.13 -2.11 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.60 -2.86 0.14 | 35.40 -3.05 0.14 | 34.22 -2.87 0.19 | 32.66 -2.78 0.15 | 29.96 -2.54 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| ONEIDA_HERK_LFGE 323681 | 26.91 0.05 0.00 | 25.97 0.10 0.00 | 24.52 0.12 0.00 | 23.20 0.07 0.00 | 22.80 0.07 0.00 | 23.03 0.05 0.00 | 23.37 0.02 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.47 0.21 0.00 | 26.45 0.13 0.00 | 26.94 0.16 0.00 | 28.76 0.14 0.00 | 29.04 0.17 0.00 | 29.46 0.23 0.00 | 31.27 0.19 0.00 | 34.79 0.41 0.00 | 38.23 0.64 0.00 | 39.29 0.70 0.00 | 37.96 0.67 0.00 | 36.16 0.57 0.00 | 33.09 0.59 0.00 | 31.77 0.47 0.00 | 28.01 0.39 0.00 |
| ONEIDA___115KV_TB4 55905 | 27.34 0.48 0.00 | 26.38 0.52 0.00 | 24.94 0.54 0.00 | 23.57 0.44 0.00 | 23.16 0.43 0.00 | 23.39 0.41 0.00 | 23.75 0.40 0.00 | 22.92 0.47 0.00 | 24.47 0.46 0.00 | 26.81 0.55 0.00 | 26.84 0.53 0.00 | 27.40 0.62 0.00 | 29.25 0.63 0.00 | 29.53 0.66 0.00 | 29.90 0.67 0.00 | 31.77 0.68 0.00 | 35.20 0.83 0.00 | 38.58 1.02 0.03 | 39.64 1.08 0.03 | 38.29 1.04 0.03 | 36.52 0.96 0.03 | 33.41 0.91 0.00 | 32.14 0.84 0.00 | 28.34 0.72 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 26.77 -0.08 0.00 | 25.76 -0.10 0.00 | 24.35 -0.05 0.00 | 23.08 -0.05 0.00 | 22.66 -0.07 0.00 | 22.89 -0.09 0.00 | 23.26 -0.09 0.00 | 22.47 0.02 0.00 | 24.04 0.02 0.00 | 26.18 -0.08 0.00 | 26.29 -0.03 0.00 | 26.86 0.08 0.00 | 28.67 0.06 0.00 | 28.95 0.09 0.00 | 29.23 0.00 0.00 | 31.12 0.03 0.00 | 34.41 0.03 0.00 | 37.55 0.00 0.04 | 38.59 0.04 0.04 | 37.28 0.04 0.04 | 35.62 0.07 0.05 | 32.53 0.03 0.00 | 31.36 0.06 0.00 | 27.59 -0.03 0.00 |
| ONONDAGA___COGEN 23986 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.30 -0.05 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.60 0.00 0.00 | 38.63 0.04 0.00 | 37.32 0.04 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| ONTARIO___LFGE 23819 | 26.50 -0.35 0.00 | 25.45 -0.41 0.00 | 24.06 -0.34 0.00 | 22.75 -0.37 0.00 | 22.39 -0.34 0.00 | 22.54 -0.44 0.00 | 22.86 -0.49 0.00 | 22.22 -0.22 0.00 | 23.78 -0.24 0.00 | 25.97 -0.29 0.00 | 26.21 -0.10 0.00 | 26.97 0.19 0.00 | 28.67 0.06 0.00 | 28.95 0.09 0.00 | 29.06 -0.17 0.00 | 30.99 -0.09 0.00 | 34.31 -0.07 0.00 | 37.24 -0.26 0.09 | 38.15 -0.35 0.09 | 37.02 -0.11 0.15 | 35.42 -0.07 0.10 | 32.46 -0.03 0.01 | 31.42 0.13 0.00 | 27.65 0.03 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 25.35 -1.50 0.00 | 24.26 -1.60 0.00 | 23.01 -1.39 0.00 | 21.76 -1.36 0.00 | 21.41 -1.32 0.00 | 21.51 -1.47 0.00 | 21.69 -1.66 0.00 | 21.21 -1.23 0.00 | 22.91 -1.10 0.00 | 25.00 -1.26 0.00 | 25.39 -0.92 0.00 | 26.35 -0.43 0.00 | 27.79 -0.83 0.00 | 28.09 -0.78 0.00 | 27.92 -1.31 0.00 | 29.81 -1.28 0.00 | 33.00 -1.38 0.00 | 35.45 -2.03 0.12 | 36.39 -2.08 0.12 | 35.08 -2.01 0.19 | 33.57 -1.89 0.13 | 31.06 -1.43 0.01 | 30.23 -1.06 0.00 | 26.85 -0.77 0.00 |
| ORANGEVILLE___ESR 323794 | 25.35 -1.50 0.00 | 24.26 -1.60 0.00 | 23.01 -1.39 0.00 | 21.76 -1.36 0.00 | 21.41 -1.32 0.00 | 21.51 -1.47 0.00 | 21.69 -1.66 0.00 | 21.21 -1.23 0.00 | 22.91 -1.10 0.00 | 25.00 -1.26 0.00 | 25.39 -0.92 0.00 | 26.35 -0.43 0.00 | 27.79 -0.83 0.00 | 28.09 -0.78 0.00 | 27.92 -1.31 0.00 | 29.81 -1.28 0.00 | 33.00 -1.38 0.00 | 35.45 -2.03 0.12 | 36.39 -2.08 0.12 | 35.08 -2.01 0.19 | 33.57 -1.89 0.13 | 31.06 -1.43 0.01 | 30.23 -1.06 0.00 | 26.85 -0.77 0.00 |
| OSWEGATCHIE___HYD 24044 | 25.86 -0.99 0.00 | 25.01 -0.85 0.00 | 23.59 -0.80 0.00 | 22.32 -0.81 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.49 -0.86 0.00 | 21.53 -0.92 0.00 | 22.99 -1.03 0.00 | 25.26 -1.00 0.00 | 25.23 -1.08 0.00 | 25.66 -1.12 0.00 | 27.33 -1.29 0.00 | 27.62 -1.24 0.00 | 28.00 -1.23 0.00 | 29.78 -1.30 0.00 | 33.25 -1.13 0.00 | 36.58 -1.01 0.00 | 37.63 -0.96 0.00 | 36.39 -0.90 0.00 | 34.70 -0.89 0.00 | 31.66 -0.85 0.00 | 30.45 -0.84 0.00 | 26.82 -0.80 0.00 |
| OSWEGO___5 23606 | 26.37 -0.48 0.00 | 25.37 -0.49 0.00 | 23.96 -0.44 0.00 | 22.71 -0.42 0.00 | 22.32 -0.41 0.00 | 22.54 -0.44 0.00 | 22.88 -0.47 0.00 | 22.09 -0.36 0.00 | 23.63 -0.39 0.00 | 25.76 -0.50 0.00 | 25.84 -0.47 0.00 | 26.35 -0.43 0.00 | 28.16 -0.46 0.00 | 28.37 -0.49 0.00 | 28.68 -0.56 0.00 | 30.53 -0.56 0.00 | 33.76 -0.62 0.00 | 37.32 -0.68 0.00 | 38.31 -0.69 0.00 | 37.10 -0.63 0.00 | 35.43 -0.61 0.00 | 31.94 -0.58 0.00 | 30.76 -0.53 0.00 | 27.12 -0.50 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| OSWEGO___6 23613 | 26.37 -0.48 0.00 | 25.37 -0.49 0.00 | 23.96 -0.44 0.00 | 22.71 -0.42 0.00 | 22.32 -0.41 0.00 | 22.54 -0.44 0.00 | 22.88 -0.47 0.00 | 22.09 -0.36 0.00 | 23.63 -0.39 0.00 | 25.76 -0.50 0.00 | 25.84 -0.47 0.00 | 26.35 -0.43 0.00 | 28.16 -0.46 0.00 | 28.37 -0.49 0.00 | 28.68 -0.56 0.00 | 30.53 -0.56 0.00 | 33.76 -0.62 0.00 | 37.32 -0.68 -0.40 | 38.31 -0.69 -0.41 | 37.10 -0.63 -0.45 | 35.43 -0.61 -0.44 | 31.94 -0.58 -0.02 | 30.76 -0.53 0.00 | 27.12 -0.50 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 25.27 -1.58 0.00 | 24.26 -1.60 0.00 | 22.96 -1.44 0.00 | 21.81 -1.32 0.00 | 21.34 -1.39 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.14 -1.30 0.00 | 22.98 -1.03 0.00 | 24.87 -1.39 0.00 | 25.45 -0.87 0.00 | 26.46 -0.32 0.00 | 27.70 -0.92 0.00 | 28.11 -0.75 0.00 | 27.86 -1.37 0.00 | 29.72 -1.37 0.00 | 32.87 -1.51 0.00 | 35.43 -2.03 0.13 | 36.33 -2.12 0.14 | 34.63 -2.46 0.19 | 33.45 -1.99 0.15 | 30.74 -1.76 0.01 | 30.08 -1.22 0.00 | 26.68 -0.94 0.00 |
| OXBOW___BTM 323836 | 25.08 -1.77 0.00 | 24.05 -1.81 0.00 | 22.79 -1.61 0.00 | 21.53 -1.60 0.00 | 21.21 -1.52 0.00 | 21.26 -1.72 0.00 | 21.39 -1.96 0.00 | 20.94 -1.50 0.00 | 22.72 -1.30 0.00 | 24.76 -1.50 0.00 | 25.21 -1.10 0.00 | 26.14 -0.64 0.00 | 27.50 -1.12 0.00 | 27.77 -1.10 0.00 | 27.54 -1.70 0.00 | 29.34 -1.74 0.00 | 32.42 -1.96 0.00 | 35.09 -2.37 0.13 | 35.91 -2.55 0.14 | 34.63 -2.46 0.19 | 33.09 -2.35 0.15 | 30.38 -2.11 0.01 | 29.70 -1.59 0.00 | 26.35 -1.27 0.00 |
| OXBOW___ 24026 | 25.00 -1.85 0.00 | 24.00 -1.86 0.00 | 22.72 -1.68 0.00 | 21.58 -1.55 0.00 | 21.09 -1.64 0.00 | 21.28 -1.70 0.00 | 21.41 -1.94 0.00 | 20.92 -1.53 0.00 | 22.72 -1.30 0.00 | 24.58 -1.68 0.00 | 25.13 -1.18 0.00 | 26.14 -0.64 0.00 | 27.36 -1.26 0.00 | 27.77 -1.10 0.00 | 27.51 -1.72 0.00 | 29.34 -1.74 0.00 | 32.42 -1.96 0.00 | 35.05 -2.41 0.13 | 35.91 -2.55 0.14 | 34.26 -2.83 0.19 | 33.09 -2.35 0.15 | 30.35 -2.15 0.01 | 29.70 -1.60 0.00 | 26.35 -1.27 0.00 |
| OXY_CHEM_DSASP 323612 | 24.70 -2.15 0.00 | 23.72 -2.15 0.00 | 22.45 -1.95 0.00 | 21.32 -1.80 0.00 | 20.84 -1.89 0.00 | 21.03 -1.95 0.00 | 21.18 -2.17 0.00 | 20.67 -1.77 0.00 | 22.43 -1.59 0.00 | 24.29 -1.97 0.00 | 24.79 -1.53 0.00 | 25.79 -0.99 0.00 | 26.99 -1.63 0.00 | 27.33 -1.53 0.00 | 27.10 -2.13 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.56 -2.89 0.14 | 35.40 -3.05 0.14 | 33.81 -3.28 0.19 | 32.66 -2.78 0.15 | 29.92 -2.57 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| OZONE_PARK_ESR 323760 | 28.81 1.96 0.00 | 27.62 1.76 0.00 | 25.91 1.51 0.00 | 24.54 1.41 0.00 | 24.14 1.41 0.00 | 24.41 1.42 0.00 | 24.82 1.47 0.00 | 24.06 1.62 0.00 | 25.87 1.85 0.00 | 28.47 2.21 0.00 | 28.55 2.24 0.00 | 28.95 2.17 0.00 | 31.22 2.60 0.00 | 31.52 2.66 0.00 | 32.04 2.81 0.00 | 34.07 2.98 0.00 | 37.68 3.30 0.00 | 41.02 3.42 0.00 | 42.10 3.51 0.00 | 40.68 3.39 0.00 | 38.65 3.06 0.00 | 35.39 2.89 0.00 | 34.02 2.72 0.00 | 30.05 2.43 0.00 |
| PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013 | 24.70 -2.15 0.00 | 23.72 -2.15 0.00 | 22.45 -1.95 0.00 | 21.32 -1.80 0.00 | 20.84 -1.89 0.00 | 21.03 -1.95 0.00 | 21.18 -2.17 0.00 | 20.67 -1.77 0.00 | 22.43 -1.59 0.00 | 24.29 -1.97 0.00 | 24.79 -1.53 0.00 | 25.79 -0.99 0.00 | 26.99 -1.63 0.00 | 27.33 -1.53 0.00 | 27.10 -2.13 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.56 -2.89 0.14 | 35.40 -3.05 0.14 | 33.81 -3.28 0.19 | 32.66 -2.78 0.15 | 29.92 -2.57 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 24.70 -2.15 0.00 | 23.72 -2.15 0.00 | 22.45 -1.95 0.00 | 21.32 -1.80 0.00 | 20.84 -1.89 0.00 | 21.03 -1.95 0.00 | 21.18 -2.17 0.00 | 20.67 -1.77 0.00 | 22.43 -1.59 0.00 | 24.29 -1.97 0.00 | 24.79 -1.53 0.00 | 25.79 -0.99 0.00 | 26.99 -1.63 0.00 | 27.33 -1.53 0.00 | 27.10 -2.13 0.00 | 28.91 -2.18 0.00 | 31.90 -2.48 0.00 | 34.56 -2.89 0.14 | 35.40 -3.05 0.14 | 33.81 -3.28 0.19 | 32.66 -2.78 0.15 | 29.92 -2.57 0.01 | 29.26 -2.03 0.00 | 25.99 -1.63 0.00 |
| PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007 | 28.62 1.77 0.00 | 27.47 1.60 0.00 | 25.74 1.34 0.00 | 24.42 1.30 0.00 | 24.00 1.27 0.00 | 24.20 1.22 0.00 | 24.54 1.19 0.00 | 23.79 1.35 0.00 | 25.53 1.51 0.00 | 28.10 1.84 0.00 | 28.18 1.87 0.00 | 28.58 1.79 0.00 | 30.82 2.20 0.00 | 31.11 2.25 0.00 | 31.63 2.40 0.00 | 33.63 2.55 0.00 | 37.20 2.82 0.00 | 40.42 2.82 0.00 | 41.53 2.93 0.00 | 40.08 2.80 0.00 | 37.98 2.38 0.00 | 34.97 2.47 0.00 | 33.74 2.44 0.00 | 29.91 2.29 0.00 |
| PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019 | 28.87 2.01 0.00 | 27.73 1.86 0.00 | 25.96 1.56 0.00 | 24.63 1.50 0.00 | 24.21 1.48 0.00 | 24.41 1.42 0.00 | 24.73 1.38 0.00 | 23.97 1.53 0.00 | 25.70 1.68 0.00 | 28.31 2.05 0.00 | 28.39 2.08 0.00 | 28.79 2.01 0.00 | 31.05 2.43 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.88 2.80 0.00 | 37.47 3.09 0.00 | 40.75 3.16 0.00 | 41.83 3.24 0.00 | 40.38 3.09 0.00 | 38.26 2.67 0.00 | 35.23 2.73 0.00 | 33.99 2.69 0.00 | 30.16 2.54 0.00 |
| PATROON___115KV_TB1 80586 | 27.52 0.67 0.00 | 26.51 0.65 0.00 | 24.94 0.54 0.00 | 23.70 0.58 0.00 | 23.30 0.57 0.00 | 23.56 0.57 0.00 | 23.98 0.63 0.00 | 23.10 0.65 0.00 | 24.71 0.70 0.00 | 27.07 0.81 0.00 | 27.08 0.76 0.00 | 27.45 0.67 0.00 | 29.50 0.89 0.00 | 29.70 0.84 0.00 | 30.11 0.88 0.00 | 32.02 0.93 0.00 | 35.31 0.93 0.00 | 38.72 1.13 0.00 | 39.71 1.12 0.00 | 38.40 1.12 0.00 | 36.77 1.17 0.00 | 33.57 1.07 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 27.95 1.10 0.00 | 26.93 1.06 0.00 | 25.38 0.98 0.00 | 24.05 0.93 0.00 | 23.61 0.89 0.00 | 23.90 0.92 0.00 | 24.31 0.96 0.00 | 23.37 0.92 0.00 | 24.95 0.94 0.00 | 27.28 1.02 0.00 | 27.24 0.92 0.00 | 27.69 0.91 0.00 | 29.68 1.06 0.00 | 29.90 1.04 0.00 | 30.37 1.14 0.00 | 32.33 1.24 0.00 | 35.72 1.34 0.00 | 39.29 1.69 0.00 | 40.41 1.81 0.00 | 39.07 1.79 0.00 | 37.48 1.89 0.00 | 34.22 1.72 0.00 | 32.86 1.56 0.00 | 28.95 1.33 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 25.48 -1.37 0.00 | 24.42 -1.45 0.00 | 23.11 -1.29 0.00 | 21.95 -1.18 0.00 | 21.48 -1.25 0.00 | 21.65 -1.33 0.00 | 21.83 -1.52 0.00 | 21.21 -1.23 0.00 | 23.03 -0.98 0.00 | 24.92 -1.34 0.00 | 25.55 -0.76 0.00 | 26.54 -0.24 0.00 | 27.84 -0.77 0.00 | 28.29 -0.58 0.00 | 28.06 -1.17 0.00 | 30.00 -1.09 0.00 | 33.21 -1.17 0.00 | 34.99 -2.48 0.13 | 35.91 -2.55 0.13 | 34.41 -2.68 0.19 | 33.03 -2.42 0.14 | 31.00 -1.50 0.01 | 30.26 -1.03 0.00 | 26.98 -0.64 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.79 1.39 0.00 | 24.44 1.32 0.00 | 24.02 1.30 0.00 | 24.31 1.33 0.00 | 24.70 1.35 0.00 | 23.86 1.41 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.39 2.08 0.00 | 28.74 1.96 0.00 | 31.02 2.40 0.00 | 31.26 2.40 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.80 3.20 0.00 | 40.38 3.09 0.00 | 38.33 2.74 0.00 | 35.13 2.63 0.00 | 33.77 2.47 0.00 | 29.80 2.18 0.00 |
| PEEKSKILL___ 23653 | 28.30 1.45 0.00 | 27.21 1.34 0.00 | 25.59 1.20 0.00 | 24.24 1.11 0.00 | 23.82 1.09 0.00 | 24.11 1.13 0.00 | 24.54 1.19 0.00 | 23.70 1.26 0.00 | 25.46 1.44 0.00 | 27.94 1.68 0.00 | 28.05 1.74 0.00 | 28.44 1.66 0.00 | 30.62 2.00 0.00 | 30.91 2.05 0.00 | 31.39 2.16 0.00 | 33.42 2.33 0.00 | 36.92 2.54 0.00 | 40.19 2.59 0.00 | 41.33 2.74 0.00 | 39.82 2.54 0.00 | 37.87 2.28 0.00 | 34.74 2.24 0.00 | 33.39 2.10 0.00 | 29.50 1.88 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PGE MADISON___WINDPWR 24146 | 28.19 1.34 0.00 | 27.31 1.45 0.00 | 25.86 1.46 0.00 | 24.35 1.22 0.00 | 23.95 1.23 0.00 | 24.15 1.17 0.00 | 24.52 1.17 0.00 | 23.79 1.35 0.00 | 25.34 1.32 0.00 | 27.99 1.73 0.00 | 27.92 1.61 0.00 | 28.52 1.74 0.00 | 30.33 1.72 0.00 | 30.65 1.79 0.00 | 31.07 1.84 0.00 | 32.98 1.90 0.00 | 36.55 2.17 0.00 | 40.23 2.67 0.03 | 41.38 2.82 0.03 | 40.06 2.76 -0.02 | 38.05 2.49 0.03 | 34.90 2.40 0.00 | 33.52 2.22 0.00 | 29.52 1.90 0.00 |
| PIERCEFIELD___HYD 23852 | 25.91 -0.94 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.39 -0.74 0.00 | 22.00 -0.73 0.00 | 22.27 -0.71 0.00 | 22.60 -0.75 0.00 | 21.50 -0.94 0.00 | 22.96 -1.06 0.00 | 25.29 -0.97 0.00 | 25.29 -1.03 0.00 | 25.74 -1.04 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.11 -1.27 0.00 | 36.35 -1.24 0.00 | 37.28 -1.31 0.00 | 36.09 -1.19 0.00 | 34.42 -1.17 0.00 | 31.36 -1.14 0.00 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| PINELAWN_CC_1 323563 | 31.11 2.17 -2.08 | 28.07 2.02 -0.18 | 26.62 1.85 -0.37 | 24.70 1.57 0.00 | 24.27 1.55 0.00 | 24.64 1.66 0.00 | 25.01 1.66 0.00 | 24.04 1.59 0.00 | 25.94 1.92 0.00 | 28.57 2.31 0.00 | 35.37 2.47 -6.59 | 36.30 2.41 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.22 3.54 -3.30 | 42.09 3.72 -0.78 | 42.38 3.78 0.00 | 40.68 3.39 0.00 | 38.65 3.06 0.00 | 37.51 3.22 -1.80 | 35.71 2.97 -1.44 | 34.62 2.65 -4.34 |
| PJM_GEN_HTP_PROXY 323702 | 28.49 1.64 0.00 | 27.37 1.50 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.95 1.23 0.00 | 24.24 1.26 0.00 | 24.70 1.35 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.15 1.89 0.00 | 28.29 1.97 0.00 | 28.66 1.87 0.00 | 30.88 2.26 0.00 | 31.20 2.34 0.00 | 31.69 2.46 0.00 | 33.73 2.64 0.00 | 37.27 2.89 0.00 | 40.53 2.93 0.00 | 41.64 3.05 0.00 | 40.12 2.83 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.64 2.35 0.00 | 29.75 2.13 0.00 |
| PJM_GEN_KEystone 24065 | 26.77 -0.08 0.00 | 25.69 -0.18 0.00 | 24.23 -0.17 0.00 | 22.94 -0.19 0.00 | 22.55 -0.18 0.00 | 22.75 -0.23 0.00 | 23.07 -0.28 0.00 | 22.40 -0.04 0.00 | 24.09 0.07 0.00 | 26.37 0.11 0.00 | 26.60 0.29 0.00 | 27.24 0.45 0.00 | 29.05 0.43 0.00 | 29.35 0.49 0.00 | 29.55 0.32 0.00 | 31.52 0.43 0.00 | 34.83 0.45 0.00 | 37.61 0.08 0.06 | 38.65 0.12 0.06 | 37.20 0.00 0.09 | 35.49 -0.04 0.06 | 32.73 0.23 0.00 | 31.61 0.31 0.00 | 28.01 0.39 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 29.80 1.83 -1.12 | 27.65 1.68 -0.10 | 26.11 1.51 -0.20 | 24.44 1.32 0.00 | 24.02 1.29 0.00 | 24.36 1.38 0.00 | 24.75 1.40 0.00 | 23.84 1.39 0.00 | 25.70 1.68 0.00 | 28.28 2.02 0.00 | 31.98 2.13 -3.54 | 32.63 2.03 -3.82 | 33.88 2.40 -2.86 | 34.33 2.45 -3.01 | 34.72 2.57 -2.91 | 35.82 2.77 -1.97 | 39.18 3.03 -1.77 | 41.13 3.12 -0.42 | 41.76 3.17 0.00 | 40.12 2.83 0.00 | 38.16 2.56 0.00 | 36.16 2.70 -0.96 | 34.57 2.50 -0.77 | 32.22 2.27 -2.33 |
| PJM_GEN_VFT_PROXY 323633 | 28.44 1.58 0.00 | 27.31 1.45 0.00 | 25.69 1.29 0.00 | 24.33 1.20 0.00 | 23.91 1.18 0.00 | 24.20 1.22 0.00 | 24.66 1.31 0.00 | 23.86 1.41 0.00 | 25.60 1.58 0.00 | 28.10 1.84 0.00 | 28.23 1.92 0.00 | 28.63 1.85 0.00 | 30.82 2.20 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.70 2.61 0.00 | 37.23 2.85 0.00 | 40.49 2.90 0.00 | 41.56 2.97 0.00 | 40.08 2.80 0.00 | 38.08 2.49 0.00 | 35.00 2.50 0.00 | 33.61 2.32 0.00 | 29.69 2.07 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 26.85 0.00 0.00 | 26.00 0.13 0.00 | 24.47 0.07 0.00 | 23.22 0.09 0.00 | 22.80 0.07 0.00 | 23.12 0.14 0.00 | 23.47 0.12 0.00 | 22.38 -0.07 0.00 | 23.97 -0.05 0.00 | 26.47 0.21 0.00 | 26.55 0.24 0.00 | 27.13 0.35 0.00 | 28.87 0.26 0.00 | 29.18 0.32 0.00 | 29.55 0.32 0.00 | 31.36 0.28 0.00 | 34.93 0.55 0.00 | 38.31 0.71 0.00 | 39.25 0.66 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.76 0.26 0.00 | 31.73 0.44 0.00 | 27.95 0.33 0.00 |
| PLEASANTVLY___LBMP 24000 | 28.17 1.32 0.00 | 27.06 1.19 0.00 | 25.42 1.02 0.00 | 24.07 0.95 0.00 | 23.68 0.95 0.00 | 23.97 0.99 0.00 | 24.38 1.03 0.00 | 23.57 1.12 0.00 | 25.27 1.25 0.00 | 27.78 1.52 0.00 | 27.84 1.53 0.00 | 28.20 1.42 0.00 | 30.39 1.77 0.00 | 30.65 1.79 0.00 | 31.10 1.87 0.00 | 33.07 1.99 0.00 | 36.58 2.20 0.00 | 39.85 2.26 0.00 | 40.91 2.32 0.00 | 39.52 2.24 0.00 | 37.62 2.03 0.00 | 34.45 1.95 0.00 | 33.11 1.82 0.00 | 29.28 1.66 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 28.41 1.56 0.00 | 27.29 1.42 0.00 | 25.62 1.22 0.00 | 24.26 1.13 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.54 1.19 0.00 | 23.75 1.30 0.00 | 25.51 1.49 0.00 | 28.07 1.81 0.00 | 28.16 1.84 0.00 | 28.52 1.74 0.00 | 30.73 2.12 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.51 2.42 0.00 | 37.06 2.68 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 38.01 2.42 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.61 1.99 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 28.41 1.56 0.00 | 27.29 1.42 0.00 | 25.62 1.22 0.00 | 24.26 1.13 0.00 | 23.84 1.11 0.00 | 24.13 1.15 0.00 | 24.54 1.19 0.00 | 23.75 1.30 0.00 | 25.51 1.49 0.00 | 28.07 1.81 0.00 | 28.16 1.84 0.00 | 28.52 1.74 0.00 | 30.73 2.12 0.00 | 31.03 2.16 0.00 | 31.51 2.28 0.00 | 33.51 2.42 0.00 | 37.06 2.68 0.00 | 40.34 2.74 0.00 | 41.45 2.86 0.00 | 40.01 2.72 0.00 | 38.01 2.42 0.00 | 34.87 2.37 0.00 | 33.49 2.19 0.00 | 29.61 1.99 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 28.30 1.45 0.00 | 27.19 1.32 0.00 | 25.57 1.17 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.08 1.10 0.00 | 24.47 1.12 0.00 | 23.61 1.17 0.00 | 25.36 1.34 0.00 | 27.89 1.63 0.00 | 27.95 1.63 0.00 | 28.31 1.53 0.00 | 30.53 1.92 0.00 | 30.74 1.88 0.00 | 31.22 1.99 0.00 | 33.23 2.14 0.00 | 36.79 2.41 0.00 | 40.11 2.52 0.00 | 41.18 2.59 0.00 | 39.78 2.50 0.00 | 37.87 2.28 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| POLETTI___ 23519 | 28.49 1.64 0.00 | 27.37 1.50 0.00 | 25.67 1.27 0.00 | 24.31 1.18 0.00 | 23.91 1.18 0.00 | 24.20 1.22 0.00 | 24.59 1.24 0.00 | 23.84 1.39 0.00 | 25.60 1.59 0.00 | 28.18 1.92 0.00 | 28.26 1.95 0.00 | 28.63 1.85 0.00 | 30.88 2.26 0.00 | 31.17 2.31 0.00 | 31.69 2.46 0.00 | 33.70 2.61 0.00 | 37.27 2.89 0.00 | 40.53 2.93 0.00 | 41.60 3.01 0.00 | 40.19 2.91 0.00 | 38.12 2.53 0.00 | 35.00 2.50 0.00 | 33.64 2.35 0.00 | 29.75 2.13 0.00 |
| POMONA___ESR 323819 | 28.27 1.42 0.00 | 27.18 1.32 0.00 | 25.57 1.17 0.00 | 24.21 1.09 0.00 | 23.80 1.07 0.00 | 24.08 1.10 0.00 | 24.49 1.14 0.00 | 23.68 1.23 0.00 | 25.41 1.39 0.00 | 27.89 1.63 0.00 | 28.02 1.71 0.00 | 28.42 1.63 0.00 | 30.59 1.97 0.00 | 30.88 2.02 0.00 | 31.36 2.13 0.00 | 33.39 2.30 0.00 | 36.92 2.54 0.00 | 40.19 2.59 0.00 | 41.29 2.70 0.00 | 39.78 2.50 0.00 | 37.87 2.28 0.00 | 34.74 2.24 0.00 | 33.36 2.07 0.00 | 29.47 1.85 0.00 |
| PORT_JEFF_3 23555 | 31.11 2.17 -2.08 | 28.09 2.04 -0.18 | 26.64 1.88 -0.37 | 24.72 1.59 0.00 | 24.30 1.57 0.00 | 24.68 1.70 0.00 | 25.08 1.73 0.00 | 24.06 1.62 0.00 | 25.99 1.97 0.00 | 28.60 2.34 0.00 | 35.43 2.53 -6.59 | 36.38 2.49 -7.11 | 36.83 2.89 -5.32 | 37.45 2.97 -5.61 | 37.76 3.10 -5.43 | 38.05 3.29 -3.68 | 41.42 3.68 -3.35 | 42.22 3.84 -0.79 | 42.50 3.90 -0.01 | 40.75 3.47 0.00 | 38.65 3.06 0.00 | 37.58 3.28 -1.80 | 35.68 2.94 -1.44 | 34.62 2.65 -4.34 |

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| PORT_JEFF_4 23616 | 31.11 2.17 -2.08 | 28.09 2.04 -0.18 | 26.64 1.88 -0.37 | 24.72 1.59 0.00 | 24.30 1.57 0.00 | 24.68 1.70 0.00 | 25.08 1.73 0.00 | 24.06 1.62 0.00 | 25.99 1.97 0.00 | 28.60 2.34 0.00 | 35.43 2.53 -6.59 | 36.38 2.49 -7.11 | 36.83 2.89 -5.32 | 37.45 2.97 -5.61 | 37.76 3.10 -5.43 | 38.05 3.29 -3.68 | 41.42 3.68 -3.35 | 42.22 3.84 -0.79 | 42.50 3.90 -0.01 | 40.75 3.47 0.00 | 38.65 3.06 0.00 | 37.58 3.28 -1.80 | 35.68 2.94 -1.44 | 34.62 2.65 -4.34 |
| PORT_JEFF_IC 23713 | 31.13 2.20 -2.08 | 28.09 2.04 -0.18 | 26.60 1.83 -0.37 | 24.68 1.55 0.00 | 24.27 1.55 0.00 | 24.64 1.65 0.00 | 25.01 1.66 0.00 | 24.04 1.59 0.00 | 25.96 1.95 0.00 | 28.65 2.39 0.00 | 35.48 2.58 -6.59 | 36.44 2.54 -7.11 | 36.92 2.98 -5.32 | 37.51 3.03 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.53 3.78 -3.37 | 42.33 3.95 -0.79 | 42.62 4.01 -0.01 | 40.86 3.58 0.00 | 38.72 3.13 0.00 | 37.61 3.32 -1.80 | 35.71 2.97 -1.44 | 34.64 2.68 -4.34 |
| PPL PILGRIM_ST_GT1 24216 | 31.30 2.36 -2.08 | 28.27 2.22 -0.18 | 26.82 2.05 -0.37 | 24.88 1.76 0.00 | 24.43 1.71 0.00 | 24.82 1.84 0.00 | 25.19 1.84 0.00 | 24.20 1.75 0.00 | 26.13 2.11 0.00 | 28.78 2.52 0.00 | 35.61 2.71 -6.59 | 36.52 2.63 -7.11 | 36.94 3.00 -5.32 | 37.53 3.06 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.40 3.71 -3.31 | 42.32 3.95 -0.78 | 42.61 4.01 0.00 | 40.86 3.58 0.00 | 38.80 3.20 0.00 | 37.71 3.41 -1.80 | 35.93 3.19 -1.44 | 34.84 2.87 -4.34 |
| PPL PILGRIM_ST_GT2 24217 | 31.30 2.36 -2.08 | 28.27 2.22 -0.18 | 26.82 2.05 -0.37 | 24.88 1.76 0.00 | 24.43 1.71 0.00 | 24.82 1.84 0.00 | 25.19 1.84 0.00 | 24.20 1.75 0.00 | 26.13 2.11 0.00 | 28.78 2.52 0.00 | 35.61 2.71 -6.59 | 36.52 2.63 -7.11 | 36.94 3.00 -5.32 | 37.53 3.06 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.40 3.71 -3.31 | 42.32 3.95 -0.78 | 42.61 4.01 0.00 | 40.86 3.58 0.00 | 38.80 3.20 0.00 | 37.71 3.41 -1.80 | 35.93 3.19 -1.44 | 34.84 2.87 -4.34 |
| PPL_SHRM_GT3 24213 | 30.92 1.99 -2.08 | 27.91 1.86 -0.18 | 26.50 1.73 -0.37 | 24.56 1.43 0.00 | 24.14 1.41 0.00 | 24.59 1.61 0.00 | 25.05 1.70 0.00 | 23.93 1.48 0.00 | 25.82 1.80 0.00 | 28.41 2.15 0.00 | 35.30 2.39 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.35 3.61 -3.36 | 42.18 3.80 -0.79 | 42.46 3.86 -0.01 | 40.68 3.39 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| PPL_SHRM_GT4 24214 | 30.92 1.99 -2.08 | 27.91 1.86 -0.18 | 26.50 1.73 -0.37 | 24.56 1.43 0.00 | 24.14 1.41 0.00 | 24.59 1.61 0.00 | 25.05 1.70 0.00 | 23.93 1.48 0.00 | 25.82 1.80 0.00 | 28.41 2.15 0.00 | 35.30 2.39 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.35 3.61 -3.36 | 42.18 3.80 -0.79 | 42.46 3.86 -0.01 | 40.68 3.39 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| PROJECT___ORANGE 1 24174 | 26.69 -0.16 0.00 | 25.71 -0.16 0.00 | 24.30 -0.10 0.00 | 23.01 -0.12 0.00 | 22.61 -0.11 0.00 | 22.84 -0.14 0.00 | 23.19 -0.16 0.00 | 22.42 -0.02 0.00 | 23.99 -0.02 0.00 | 26.13 -0.13 0.00 | 26.21 -0.11 0.00 | 26.78 0.00 0.00 | 28.62 0.00 0.00 | 28.86 0.00 0.00 | 29.14 -0.09 0.00 | 31.02 -0.06 0.00 | 34.28 -0.10 0.00 | 37.42 -0.11 0.06 | 38.42 -0.12 0.06 | 37.11 -0.11 0.07 | 35.46 -0.07 0.06 | 32.37 -0.13 0.00 | 31.23 -0.06 0.00 | 27.51 -0.11 0.00 |
| PROJECT___ORANGE 2 24166 | 26.69 -0.16 0.00 | 25.71 -0.16 0.00 | 24.30 -0.10 0.00 | 23.01 -0.12 0.00 | 22.61 -0.11 0.00 | 22.84 -0.14 0.00 | 23.19 -0.16 0.00 | 22.42 -0.02 0.00 | 23.99 -0.02 0.00 | 26.13 -0.13 0.00 | 26.21 -0.11 0.00 | 26.78 0.00 0.00 | 28.62 0.00 0.00 | 28.86 0.00 0.00 | 29.14 -0.09 0.00 | 31.02 -0.06 0.00 | 34.28 -0.10 0.00 | 37.42 -0.11 0.06 | 38.42 -0.12 0.06 | 37.11 -0.11 0.07 | 35.46 -0.07 0.06 | 32.37 -0.13 0.00 | 31.23 -0.06 0.00 | 27.51 -0.11 0.00 |
| PUCKETT___SOLAR 323809 | 27.31 0.46 0.00 | 26.28 0.41 0.00 | 24.84 0.44 0.00 | 23.49 0.37 0.00 | 23.09 0.36 0.00 | 23.30 0.32 0.00 | 23.65 0.30 0.00 | 22.90 0.45 0.00 | 24.47 0.46 0.00 | 26.81 0.55 0.00 | 26.89 0.58 0.00 | 27.45 0.67 0.00 | 29.30 0.69 0.00 | 29.58 0.72 0.00 | 29.87 0.64 0.00 | 31.80 0.72 0.00 | 35.20 0.82 0.00 | 38.39 0.83 0.03 | 39.48 0.92 0.03 | 38.18 0.93 0.04 | 36.41 0.85 0.04 | 33.38 0.88 0.00 | 32.14 0.85 0.00 | 28.34 0.72 0.00 |
| PYRITES___HYD 24023 | 26.40 -0.46 0.00 | 25.56 -0.31 0.00 | 24.11 -0.29 0.00 | 22.80 -0.32 0.00 | 22.41 -0.32 0.00 | 22.68 -0.30 0.00 | 23.00 -0.35 0.00 | 21.86 -0.58 0.00 | 23.32 -0.70 0.00 | 25.66 -0.60 0.00 | 25.60 -0.71 0.00 | 26.08 -0.70 0.00 | 27.67 -0.94 0.00 | 27.94 -0.92 0.00 | 28.35 -0.88 0.00 | 30.15 -0.93 0.00 | 33.55 -0.83 0.00 | 36.88 -0.71 0.00 | 37.90 -0.69 0.00 | 36.72 -0.56 0.00 | 35.02 -0.57 0.00 | 31.95 -0.55 0.00 | 30.76 -0.53 0.00 | 27.12 -0.50 0.00 |
| QUAKERRD_115KV_BK1 80622 | 25.64 -1.21 0.00 | 24.70 -1.16 0.00 | 23.30 -1.10 0.00 | 22.09 -1.04 0.00 | 21.68 -1.05 0.00 | 21.90 -1.08 0.00 | 22.16 -1.19 0.00 | 21.50 -0.94 0.00 | 23.20 -0.82 0.00 | 25.18 -1.08 0.00 | 25.50 -0.82 0.00 | 26.22 -0.56 0.00 | 27.73 -0.89 0.00 | 28.03 -0.84 0.00 | 28.12 -1.11 0.00 | 29.97 -1.12 0.00 | 33.11 -1.27 0.00 | 36.14 -1.32 0.14 | 37.14 -1.31 0.14 | 35.72 -1.38 0.18 | 34.33 -1.10 0.16 | 31.26 -1.24 0.01 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| QUEENSBRY_115KV_TB8 356137 | 29.16 2.31 0.00 | 28.14 2.28 0.00 | 26.37 1.98 0.00 | 25.05 1.92 0.00 | 24.55 1.82 0.00 | 24.87 1.88 0.00 | 25.33 1.98 0.00 | 24.38 1.93 0.00 | 26.20 2.19 0.00 | 28.86 2.60 0.00 | 28.63 2.32 0.00 | 29.11 2.33 0.00 | 31.19 2.58 0.00 | 31.20 2.34 0.00 | 31.48 2.25 0.00 | 33.60 2.52 0.00 | 36.82 2.44 0.00 | 40.72 3.12 0.00 | 42.18 3.59 0.00 | 40.98 3.69 0.00 | 39.72 4.13 0.00 | 36.17 3.67 0.00 | 34.55 3.25 0.00 | 30.35 2.73 0.00 |
| RAMAPO___LBMP 323565 | 28.20 1.34 0.00 | 27.08 1.22 0.00 | 25.42 1.02 0.00 | 24.07 0.95 0.00 | 23.68 0.95 0.00 | 23.95 0.97 0.00 | 24.35 1.00 0.00 | 23.55 1.10 0.00 | 25.29 1.27 0.00 | 27.81 1.55 0.00 | 27.92 1.61 0.00 | 28.28 1.50 0.00 | 30.48 1.86 0.00 | 30.77 1.90 0.00 | 31.22 1.99 0.00 | 33.23 2.14 0.00 | 36.75 2.37 0.00 | 40.00 2.41 0.00 | 41.10 2.51 0.00 | 39.67 2.39 0.00 | 37.69 2.10 0.00 | 34.58 2.08 0.00 | 33.20 1.91 0.00 | 29.36 1.74 0.00 |
| RANKINE____ 23646 | 25.43 -1.42 0.00 | 24.39 -1.47 0.00 | 23.06 -1.34 0.00 | 21.92 -1.20 0.00 | 21.43 -1.30 0.00 | 21.63 -1.36 0.00 | 21.78 -1.56 0.00 | 21.23 -1.21 0.00 | 23.06 -0.96 0.00 | 24.97 -1.29 0.00 | 25.55 -0.76 0.00 | 26.57 -0.21 0.00 | 27.84 -0.77 0.00 | 28.26 -0.61 0.00 | 28.03 -1.20 0.00 | 29.93 -1.15 0.00 | 33.11 -1.27 0.00 | 35.44 -2.03 0.13 | 36.34 -2.12 0.13 | 34.71 -2.39 0.19 | 33.45 -1.99 0.14 | 30.97 -1.53 0.01 | 30.26 -1.03 0.00 | 26.90 -0.72 0.00 |
| RAVENSWOOD_GT2_1 24244 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.15 2.56 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |

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|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| RAVENSWOOD_GT2_2 24245 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.15 2.56 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT2_3 24246 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| RAVENSWOOD_GT2_4 24247 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.96 2.35 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| RAVENSWOOD_GT3_1 24248 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| RAVENSWOOD_GT3_2 24249 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| RAVENSWOOD_GT3_3 24250 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.37 2.99 0.00 | 40.64 3.05 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.23 2.63 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| RAVENSWOOD_GT3_4 24251 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.74 1.34 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.66 1.31 0.00 | 23.91 1.46 0.00 | 25.67 1.66 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.37 2.99 0.00 | 40.64 3.05 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.23 2.63 0.00 | 35.13 2.63 0.00 | 33.74 2.44 0.00 | 29.83 2.21 0.00 |
| RAVENSWOOD_GT_1 23729 | 28.60 1.75 0.00 | 27.47 1.60 0.00 | 25.74 1.34 0.00 | 24.40 1.27 0.00 | 24.00 1.27 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.34 2.03 0.00 | 28.74 1.96 0.00 | 30.99 2.38 0.00 | 31.29 2.42 0.00 | 31.80 2.57 0.00 | 33.82 2.74 0.00 | 37.37 2.99 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.15 2.56 0.00 | 35.13 2.63 0.00 | 33.80 2.50 0.00 | 29.91 2.29 0.00 |
| RAVENSWOOD_GT_10 24258 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_11 24259 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_4 24252 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_5 24254 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_6 24253 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_7 24255 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |

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| RAVENSWOOD_GT_9 24257 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.63 1.28 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| RAVENSWOOD___1 23533 | 28.57 1.72 0.00 | 27.47 1.60 0.00 | 25.81 1.41 0.00 | 24.44 1.32 0.00 | 24.00 1.27 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.71 1.93 0.00 | 30.93 2.32 0.00 | 31.26 2.39 0.00 | 31.77 2.54 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.12 0.00 | 40.19 2.91 0.00 | 38.16 2.56 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.88 2.27 0.00 |
| RAVENSWOOD___2 23534 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.74 1.34 0.00 | 24.40 1.27 0.00 | 23.95 1.23 0.00 | 24.22 1.24 0.00 | 24.66 1.31 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.12 1.86 0.00 | 28.26 1.95 0.00 | 28.66 1.87 0.00 | 30.88 2.26 0.00 | 31.20 2.34 0.00 | 31.71 2.48 0.00 | 33.73 2.64 0.00 | 37.27 2.89 0.00 | 40.53 2.93 0.00 | 41.64 3.05 0.00 | 40.12 2.83 0.00 | 38.08 2.49 0.00 | 35.04 2.54 0.00 | 33.71 2.41 0.00 | 29.83 2.21 0.00 |
| RAVENSWOOD___3 23535 | 28.52 1.67 0.00 | 27.42 1.55 0.00 | 25.79 1.39 0.00 | 24.40 1.27 0.00 | 23.98 1.25 0.00 | 24.27 1.29 0.00 | 24.73 1.38 0.00 | 23.90 1.46 0.00 | 25.67 1.66 0.00 | 28.18 1.92 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.23 2.37 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.30 2.92 0.00 | 40.56 2.97 0.00 | 41.68 3.09 0.00 | 40.19 2.91 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.71 2.41 0.00 | 29.80 2.18 0.00 |
| RAVENSWOOD___4 23820 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.79 1.39 0.00 | 24.42 1.29 0.00 | 24.00 1.27 0.00 | 24.27 1.29 0.00 | 24.70 1.35 0.00 | 23.90 1.46 0.00 | 25.65 1.63 0.00 | 28.15 1.89 0.00 | 28.29 1.97 0.00 | 28.68 1.90 0.00 | 30.91 2.29 0.00 | 31.26 2.39 0.00 | 31.75 2.51 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.56 2.97 0.00 | 41.68 3.09 0.00 | 40.16 2.87 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.86 2.24 0.00 |
| RCPI_TRUST___DRP 24196 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.69 1.29 0.00 | 24.33 1.20 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| RED___ROCHESTER 323720 | 26.24 -0.62 0.00 | 25.25 -0.62 0.00 | 23.79 -0.61 0.00 | 22.48 -0.65 0.00 | 22.14 -0.59 0.00 | 22.29 -0.69 0.00 | 22.49 -0.86 0.00 | 21.91 -0.54 0.00 | 23.66 -0.36 0.00 | 25.81 -0.45 0.00 | 26.13 -0.18 0.00 | 26.92 0.13 0.00 | 28.50 -0.11 0.00 | 28.72 -0.14 0.00 | 28.76 -0.47 0.00 | 30.68 -0.40 0.00 | 33.87 -0.51 0.00 | 37.04 -0.41 0.15 | 38.02 -0.42 0.15 | 36.84 -0.26 0.19 | 35.14 -0.29 0.16 | 32.01 -0.49 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| REGAN___SOLAR 323812 | 29.73 2.87 0.00 | 28.69 2.82 0.00 | 26.94 2.54 0.00 | 25.55 2.43 0.00 | 25.02 2.29 0.00 | 25.35 2.37 0.00 | 25.85 2.50 0.00 | 24.94 2.49 0.00 | 26.87 2.86 0.00 | 29.46 3.20 0.00 | 29.29 2.97 0.00 | 29.83 3.05 0.00 | 31.85 3.23 0.00 | 32.18 3.32 0.00 | 32.62 3.39 0.00 | 34.84 3.76 0.00 | 38.20 3.82 0.00 | 42.75 5.15 0.00 | 43.80 5.21 0.00 | 42.28 5.00 0.00 | 40.75 5.16 0.00 | 37.15 4.65 0.00 | 35.43 4.13 0.00 | 30.99 3.37 0.00 |
| RENSSELAER___COGEN 23796 | 27.36 0.51 0.00 | 26.36 0.49 0.00 | 24.84 0.44 0.00 | 23.63 0.51 0.00 | 23.21 0.48 0.00 | 23.49 0.50 0.00 | 23.89 0.54 0.00 | 23.03 0.58 0.00 | 24.59 0.58 0.00 | 26.89 0.63 0.00 | 26.87 0.55 0.00 | 27.26 0.48 0.00 | 29.28 0.66 0.00 | 29.50 0.63 0.00 | 29.90 0.67 0.00 | 31.80 0.72 0.00 | 35.10 0.72 0.00 | 38.46 0.87 0.00 | 39.44 0.85 0.00 | 38.14 0.86 0.00 | 36.52 0.92 0.00 | 33.31 0.81 0.00 | 32.02 0.72 0.00 | 28.28 0.66 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 30.56 3.71 0.00 | 29.54 3.67 0.00 | 27.59 3.20 0.00 | 26.25 3.12 0.00 | 25.68 2.95 0.00 | 26.04 3.06 0.00 | 26.52 3.18 0.00 | 25.50 3.05 0.00 | 27.55 3.53 0.00 | 30.43 4.18 0.00 | 30.18 3.87 0.00 | 30.74 3.96 0.00 | 32.88 4.26 0.00 | 32.85 3.98 0.00 | 33.03 3.80 0.00 | 35.31 4.23 0.00 | 38.51 4.13 0.00 | 42.82 5.23 0.00 | 44.42 5.83 0.00 | 43.25 5.97 0.00 | 42.18 6.58 0.00 | 38.32 5.82 0.00 | 36.46 5.16 0.00 | 31.93 4.31 0.00 |
| REVERE_CPPR_DRP 24186 | 27.39 0.54 0.00 | 26.46 0.59 0.00 | 25.01 0.61 0.00 | 23.63 0.51 0.00 | 23.21 0.48 0.00 | 23.44 0.46 0.00 | 23.77 0.42 0.00 | 22.94 0.49 0.00 | 24.50 0.48 0.00 | 26.92 0.66 0.00 | 26.92 0.61 0.00 | 27.45 0.67 0.00 | 29.28 0.66 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.83 0.75 0.00 | 35.34 0.96 0.00 | 38.81 1.24 0.02 | 39.88 1.31 0.02 | 38.53 1.27 0.03 | 36.70 1.14 0.03 | 33.60 1.11 0.00 | 32.27 0.97 0.00 | 28.48 0.86 0.00 |
| REYNOLDS_115KV_TB3 80639 | 27.60 0.75 0.00 | 26.59 0.72 0.00 | 25.01 0.61 0.00 | 23.75 0.62 0.00 | 23.34 0.61 0.00 | 23.60 0.62 0.00 | 24.05 0.70 0.00 | 23.16 0.72 0.00 | 24.74 0.72 0.00 | 27.13 0.87 0.00 | 27.10 0.79 0.00 | 27.48 0.70 0.00 | 29.53 0.92 0.00 | 29.76 0.89 0.00 | 30.14 0.91 0.00 | 32.05 0.96 0.00 | 35.38 1.00 0.00 | 38.76 1.17 0.00 | 39.71 1.12 0.00 | 38.40 1.12 0.00 | 36.77 1.17 0.00 | 33.57 1.07 0.00 | 32.27 0.97 0.00 | 28.50 0.88 0.00 |
| RIVERBAY____ 323610 | 28.87 2.01 0.00 | 27.73 1.86 0.00 | 25.96 1.56 0.00 | 24.63 1.50 0.00 | 24.21 1.48 0.00 | 24.41 1.42 0.00 | 24.73 1.38 0.00 | 23.97 1.53 0.00 | 25.70 1.68 0.00 | 28.31 2.05 0.00 | 28.39 2.08 0.00 | 28.79 2.01 0.00 | 31.05 2.43 0.00 | 31.37 2.51 0.00 | 31.86 2.63 0.00 | 33.88 2.80 0.00 | 37.47 3.09 0.00 | 40.75 3.16 0.00 | 41.83 3.24 0.00 | 40.38 3.09 0.00 | 38.26 2.67 0.00 | 35.23 2.73 0.00 | 33.99 2.69 0.00 | 30.16 2.54 0.00 |
| RIVERSDE_115KV_TB3 55908 | 27.50 0.64 0.00 | 26.51 0.65 0.00 | 24.94 0.54 0.00 | 23.68 0.56 0.00 | 23.30 0.57 0.00 | 23.53 0.55 0.00 | 23.98 0.63 0.00 | 23.10 0.65 0.00 | 24.69 0.67 0.00 | 27.05 0.79 0.00 | 27.03 0.71 0.00 | 27.40 0.62 0.00 | 29.45 0.83 0.00 | 29.67 0.81 0.00 | 30.08 0.85 0.00 | 31.96 0.87 0.00 | 35.27 0.89 0.00 | 38.65 1.05 0.00 | 39.63 1.04 0.00 | 38.33 1.04 0.00 | 36.70 1.10 0.00 | 33.51 1.01 0.00 | 32.17 0.88 0.00 | 28.42 0.80 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 25.64 -1.21 0.00 | 24.73 -1.14 0.00 | 23.35 -1.05 0.00 | 22.16 -0.97 0.00 | 21.77 -0.95 0.00 | 22.02 -0.96 0.00 | 22.39 -0.96 0.00 | 21.46 -0.99 0.00 | 23.01 -1.01 0.00 | 25.21 -1.05 0.00 | 25.26 -1.05 0.00 | 25.76 -1.02 0.00 | 27.53 -1.09 0.00 | 27.80 -1.07 0.00 | 28.24 -0.99 0.00 | 30.12 -0.96 0.00 | 33.42 -0.96 0.00 | 36.58 -1.01 0.00 | 37.51 -1.08 0.00 | 36.24 -1.04 0.00 | 34.60 -1.00 0.00 | 31.56 -0.94 0.00 | 30.39 -0.91 0.00 | 26.82 -0.80 0.00 |

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| ROCHESRG_115KV_T4 355643 | 25.91 -0.94 0.00 | 24.93 -0.93 0.00 | 23.54 -0.85 0.00 | 22.32 -0.81 0.00 | 21.89 -0.84 0.00 | 22.11 -0.87 0.00 | 22.32 -1.03 0.00 | 21.71 -0.74 0.00 | 23.44 -0.58 0.00 | 25.42 -0.84 0.00 | 25.79 -0.53 0.00 | 26.57 -0.21 0.00 | 28.07 -0.54 0.00 | 28.37 -0.49 0.00 | 28.38 -0.85 0.00 | 30.28 -0.81 0.00 | 33.45 -0.93 0.00 | 36.51 -0.94 0.15 | 37.51 -0.93 0.15 | 36.05 -1.04 0.19 | 34.64 -0.78 0.17 | 31.58 -0.91 0.01 | 30.61 -0.69 0.00 | 26.98 -0.64 0.00 |
| ROCHESTER_9_IC 23652 | 26.05 -0.81 0.00 | 25.09 -0.78 0.00 | 23.67 -0.73 0.00 | 22.43 -0.69 0.00 | 22.00 -0.73 0.00 | 22.22 -0.76 0.00 | 22.44 -0.91 0.00 | 21.82 -0.63 0.00 | 23.56 -0.46 0.00 | 25.58 -0.68 0.00 | 25.95 -0.37 0.00 | 26.75 -0.03 0.00 | 28.25 -0.37 0.00 | 28.55 -0.32 0.00 | 28.59 -0.64 0.00 | 30.49 -0.59 0.00 | 33.66 -0.72 0.00 | 36.77 -0.68 0.15 | 37.79 -0.66 0.15 | 36.31 -0.78 0.19 | 34.93 -0.50 0.16 | 31.78 -0.72 0.01 | 30.79 -0.50 0.00 | 27.15 -0.47 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.66 1.31 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.23 2.37 0.00 | 31.72 2.48 0.00 | 33.73 2.64 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.23 2.63 0.00 | 35.10 2.60 0.00 | 33.71 2.41 0.00 | 29.77 2.15 0.00 |
| ROME____115KV_TB2 80656 | 27.39 0.54 0.00 | 26.46 0.59 0.00 | 25.01 0.61 0.00 | 23.63 0.51 0.00 | 23.21 0.48 0.00 | 23.44 0.46 0.00 | 23.77 0.42 0.00 | 22.94 0.49 0.00 | 24.50 0.48 0.00 | 26.92 0.66 0.00 | 26.92 0.61 0.00 | 27.45 0.67 0.00 | 29.28 0.66 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.83 0.75 0.00 | 35.34 0.96 0.00 | 38.81 1.24 0.02 | 39.88 1.31 0.02 | 38.53 1.27 0.03 | 36.70 1.14 0.03 | 33.60 1.11 0.00 | 32.27 0.97 0.00 | 28.48 0.86 0.00 |
| ROSETON___1 23587 | 28.09 1.24 0.00 | 27.00 1.14 0.00 | 25.42 1.02 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.97 0.99 0.00 | 24.38 1.03 0.00 | 23.55 1.10 0.00 | 25.27 1.25 0.00 | 27.70 1.44 0.00 | 27.79 1.47 0.00 | 28.17 1.39 0.00 | 30.33 1.72 0.00 | 30.59 1.73 0.00 | 31.07 1.84 0.00 | 33.04 1.96 0.00 | 36.51 2.13 0.00 | 39.81 2.22 0.00 | 40.87 2.28 0.00 | 39.41 2.12 0.00 | 37.55 1.96 0.00 | 34.42 1.92 0.00 | 33.05 1.75 0.00 | 29.22 1.60 0.00 |
| ROSETON___2 23588 | 28.09 1.24 0.00 | 27.00 1.14 0.00 | 25.42 1.02 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.97 0.99 0.00 | 24.38 1.03 0.00 | 23.55 1.10 0.00 | 25.27 1.25 0.00 | 27.70 1.44 0.00 | 27.79 1.47 0.00 | 28.17 1.39 0.00 | 30.33 1.72 0.00 | 30.59 1.73 0.00 | 31.07 1.84 0.00 | 33.04 1.96 0.00 | 36.51 2.13 0.00 | 39.81 2.22 0.00 | 40.87 2.28 0.00 | 39.41 2.12 0.00 | 37.55 1.96 0.00 | 34.42 1.92 0.00 | 33.05 1.75 0.00 | 29.22 1.60 0.00 |
| ROTRDAM_115KV_TB3 80664 | 27.74 0.89 0.00 | 26.72 0.85 0.00 | 25.15 0.76 0.00 | 23.84 0.72 0.00 | 23.43 0.70 0.00 | 23.69 0.71 0.00 | 24.10 0.75 0.00 | 23.21 0.76 0.00 | 24.81 0.79 0.00 | 27.18 0.92 0.00 | 27.18 0.87 0.00 | 27.61 0.83 0.00 | 29.62 1.00 0.00 | 29.84 0.98 0.00 | 30.25 1.02 0.00 | 32.17 1.09 0.00 | 35.55 1.17 0.00 | 38.99 1.39 0.00 | 40.06 1.47 0.00 | 38.74 1.45 0.00 | 37.09 1.49 0.00 | 33.87 1.37 0.00 | 32.52 1.22 0.00 | 28.70 1.08 0.00 |
| RUSSELL___1 23602 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| RUSSELL___2 23532 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| RUSSELL___3 23549 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| RUSSELL___4 23556 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| RUSSELL___STATION 23914 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| S SALMON___HYD 24043 | 26.40 -0.46 0.00 | 25.43 -0.44 0.00 | 24.01 -0.39 0.00 | 22.73 -0.39 0.00 | 22.34 -0.39 0.00 | 22.57 -0.41 0.00 | 22.88 -0.47 0.00 | 22.06 -0.38 0.00 | 23.56 -0.46 0.00 | 25.76 -0.50 0.00 | 25.79 -0.53 0.00 | 26.27 -0.51 0.00 | 28.07 -0.54 0.00 | 28.29 -0.58 0.00 | 28.62 -0.62 0.00 | 30.40 -0.68 0.00 | 33.73 -0.65 0.00 | 37.04 -0.60 -0.05 | 38.10 -0.54 -0.05 | 36.89 -0.45 -0.05 | 35.18 -0.46 -0.05 | 32.15 -0.36 0.00 | 30.92 -0.37 0.00 | 27.26 -0.36 0.00 |
| S.PERRY___115KV_TB1 80734 | 26.50 -0.35 0.00 | 25.48 -0.39 0.00 | 24.03 -0.37 0.00 | 22.78 -0.35 0.00 | 22.34 -0.39 0.00 | 22.57 -0.41 0.00 | 22.72 -0.63 0.00 | 21.95 -0.49 0.00 | 23.44 -0.58 0.00 | 25.37 -0.89 0.00 | 25.63 -0.68 0.00 | 26.54 -0.24 0.00 | 28.02 -0.60 0.00 | 28.40 -0.46 0.00 | 28.38 -0.85 0.00 | 30.37 -0.71 0.00 | 33.69 -0.69 0.00 | 36.72 -0.75 0.12 | 38.08 -0.39 0.12 | 36.95 -0.15 0.19 | 35.71 0.25 0.13 | 32.62 0.13 0.01 | 31.64 0.34 0.00 | 27.87 0.25 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 25.21 -1.64 0.00 | 24.21 -1.66 0.00 | 22.89 -1.51 0.00 | 21.76 -1.36 0.00 | 21.27 -1.45 0.00 | 21.44 -1.54 0.00 | 21.62 -1.73 0.00 | 21.08 -1.37 0.00 | 22.89 -1.13 0.00 | 24.76 -1.50 0.00 | 25.32 -1.00 0.00 | 26.33 -0.46 0.00 | 27.59 -1.03 0.00 | 27.97 -0.89 0.00 | 27.74 -1.49 0.00 | 29.62 -1.46 0.00 | 32.73 -1.65 0.00 | 35.24 -2.22 0.13 | 36.14 -2.32 0.14 | 34.52 -2.57 0.19 | 33.31 -2.14 0.15 | 30.67 -1.82 0.01 | 29.95 -1.35 0.00 | 26.60 -1.02 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 25.21 -1.64 0.00 | 24.21 -1.66 0.00 | 22.89 -1.51 0.00 | 21.76 -1.36 0.00 | 21.27 -1.45 0.00 | 21.44 -1.54 0.00 | 21.62 -1.73 0.00 | 21.08 -1.37 0.00 | 22.89 -1.13 0.00 | 24.76 -1.50 0.00 | 25.32 -1.00 0.00 | 26.33 -0.46 0.00 | 27.59 -1.03 0.00 | 27.97 -0.89 0.00 | 27.74 -1.49 0.00 | 29.62 -1.46 0.00 | 32.73 -1.65 0.00 | 35.24 -2.22 0.13 | 36.14 -2.32 0.14 | 34.52 -2.57 0.19 | 33.31 -2.14 0.15 | 30.67 -1.82 0.01 | 29.95 -1.35 0.00 | 26.60 -1.02 0.00 |
| SELKIRK___I 23801 | 27.58 0.73 0.00 | 26.59 0.72 0.00 | 25.06 0.66 0.00 | 23.82 0.69 0.00 | 23.39 0.66 0.00 | 23.67 0.69 0.00 | 24.05 0.70 0.00 | 23.16 0.72 0.00 | 24.71 0.70 0.00 | 26.99 0.73 0.00 | 26.95 0.63 0.00 | 27.34 0.56 0.00 | 29.36 0.74 0.00 | 29.58 0.72 0.00 | 29.99 0.76 0.00 | 31.89 0.81 0.00 | 35.20 0.82 0.00 | 38.65 1.05 0.00 | 39.67 1.08 0.00 | 38.37 1.08 0.00 | 36.76 1.17 0.00 | 33.54 1.04 0.00 | 32.27 0.97 0.00 | 28.48 0.86 0.00 |
| SELKIRK___II 23799 | 27.42 0.56 0.00 | 26.41 0.54 0.00 | 24.91 0.51 0.00 | 23.66 0.53 0.00 | 23.23 0.50 0.00 | 23.51 0.53 0.00 | 23.91 0.56 0.00 | 23.05 0.61 0.00 | 24.62 0.60 0.00 | 26.92 0.66 0.00 | 26.92 0.61 0.00 | 27.32 0.54 0.00 | 29.33 0.72 0.00 | 29.55 0.69 0.00 | 29.96 0.73 0.00 | 31.86 0.78 0.00 | 35.20 0.82 0.00 | 38.54 0.94 0.00 | 39.56 0.97 0.00 | 38.22 0.93 0.00 | 36.55 0.96 0.00 | 33.38 0.88 0.00 | 32.11 0.81 0.00 | 28.34 0.72 0.00 |
| SENECA OSWGO___HYD 24041 | 26.48 -0.38 0.00 | 25.48 -0.39 0.00 | 24.06 -0.34 0.00 | 22.78 -0.35 0.00 | 22.41 -0.32 0.00 | 22.61 -0.37 0.00 | 22.95 -0.40 0.00 | 22.18 -0.27 0.00 | 23.70 -0.31 0.00 | 25.84 -0.42 0.00 | 25.92 -0.39 0.00 | 26.41 -0.37 0.00 | 28.22 -0.40 0.00 | 28.43 -0.43 0.00 | 28.73 -0.50 0.00 | 30.56 -0.53 0.00 | 33.80 -0.58 0.00 | 37.05 -0.64 -0.10 | 38.07 -0.62 -0.10 | 36.87 -0.52 -0.11 | 35.20 -0.50 -0.11 | 31.99 -0.52 -0.01 | 30.83 -0.47 0.00 | 27.15 -0.47 0.00 |
| SENECA___115KV_TB3 355854 | 25.46 -1.40 0.00 | 24.42 -1.45 0.00 | 23.11 -1.29 0.00 | 21.95 -1.18 0.00 | 21.48 -1.25 0.00 | 21.65 -1.33 0.00 | 21.83 -1.52 0.00 | 21.28 -1.17 0.00 | 23.10 -0.91 0.00 | 25.00 -1.26 0.00 | 25.60 -0.71 0.00 | 26.62 -0.16 0.00 | 27.87 -0.74 0.00 | 28.31 -0.55 0.00 | 28.09 -1.14 0.00 | 29.97 -1.12 0.00 | 33.18 -1.20 0.00 | 35.47 -1.99 0.13 | 36.41 -2.05 0.13 | 34.78 -2.31 0.19 | 33.53 -1.92 0.14 | 31.03 -1.46 0.01 | 30.33 -0.97 0.00 | 26.93 -0.69 0.00 |
| SENECA___ENERGY 23797 | 26.48 -0.38 0.00 | 25.43 -0.44 0.00 | 24.03 -0.37 0.00 | 22.73 -0.39 0.00 | 22.36 -0.36 0.00 | 22.54 -0.44 0.00 | 22.86 -0.49 0.00 | 22.18 -0.27 0.00 | 23.73 -0.29 0.00 | 25.92 -0.34 0.00 | 26.10 -0.21 0.00 | 26.75 -0.03 0.00 | 28.50 -0.11 0.00 | 28.78 -0.09 0.00 | 28.97 -0.26 0.00 | 30.87 -0.22 0.00 | 34.17 -0.21 0.00 | 37.25 -0.30 0.04 | 38.24 -0.31 0.04 | 37.04 -0.19 0.05 | 35.37 -0.18 0.04 | 32.34 -0.16 0.00 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| SHOEMAKER___GT 23640 | 27.93 1.08 0.00 | 26.85 0.98 0.00 | 25.30 0.90 0.00 | 23.93 0.81 0.00 | 23.52 0.80 0.00 | 23.81 0.83 0.00 | 24.21 0.86 0.00 | 23.35 0.90 0.00 | 25.03 1.01 0.00 | 27.44 1.18 0.00 | 27.53 1.21 0.00 | 27.91 1.12 0.00 | 30.02 1.40 0.00 | 30.28 1.41 0.00 | 30.75 1.52 0.00 | 32.70 1.62 0.00 | 36.20 1.82 0.00 | 39.47 1.88 0.00 | 40.56 1.97 0.00 | 39.15 1.86 0.00 | 37.30 1.71 0.00 | 34.16 1.66 0.00 | 32.83 1.53 0.00 | 29.00 1.38 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 27.93 1.07 0.00 | 26.85 0.98 0.00 | 25.25 0.85 0.00 | 23.91 0.79 0.00 | 23.50 0.77 0.00 | 23.79 0.80 0.00 | 24.17 0.82 0.00 | 23.32 0.88 0.00 | 25.03 1.01 0.00 | 27.49 1.23 0.00 | 27.55 1.24 0.00 | 27.93 1.15 0.00 | 30.08 1.46 0.00 | 30.34 1.47 0.00 | 30.78 1.55 0.00 | 32.73 1.65 0.00 | 36.24 1.86 0.00 | 39.51 1.92 0.00 | 40.60 2.01 0.00 | 39.22 1.94 0.00 | 37.30 1.71 0.00 | 34.16 1.66 0.00 | 32.83 1.53 0.00 | 29.00 1.38 0.00 |
| SHOREHAM_IC_1 23715 | 30.92 1.99 -2.08 | 27.91 1.86 -0.18 | 26.50 1.73 -0.37 | 24.56 1.43 0.00 | 24.14 1.41 0.00 | 24.59 1.61 0.00 | 25.05 1.70 0.00 | 23.93 1.48 0.00 | 25.82 1.80 0.00 | 28.41 2.15 0.00 | 35.30 2.39 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.35 3.61 -3.36 | 42.18 3.80 -0.79 | 42.46 3.86 -0.01 | 40.68 3.39 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| SHOREHAM_IC_2 23716 | 30.92 1.99 -2.08 | 27.91 1.86 -0.18 | 26.50 1.73 -0.37 | 24.56 1.43 0.00 | 24.14 1.41 0.00 | 24.59 1.61 0.00 | 25.05 1.70 0.00 | 23.93 1.48 0.00 | 25.82 1.80 0.00 | 28.41 2.15 0.00 | 35.30 2.39 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.67 3.01 -5.43 | 37.99 3.23 -3.68 | 41.35 3.61 -3.36 | 42.18 3.80 -0.79 | 42.46 3.86 -0.01 | 40.68 3.39 0.00 | 38.58 2.99 0.00 | 37.48 3.19 -1.80 | 35.49 2.75 -1.44 | 34.42 2.46 -4.34 |
| SISSONVILLE____ 23735 | 25.91 -0.94 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.39 -0.74 0.00 | 22.00 -0.73 0.00 | 22.27 -0.71 0.00 | 22.60 -0.75 0.00 | 21.50 -0.94 0.00 | 22.96 -1.06 0.00 | 25.29 -0.97 0.00 | 25.29 -1.03 0.00 | 25.74 -1.04 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 28.00 -1.23 0.00 | 29.78 -1.31 0.00 | 33.11 -1.27 0.00 | 36.35 -1.24 0.00 | 37.28 -1.31 0.00 | 36.09 -1.19 0.00 | 34.42 -1.17 0.00 | 31.36 -1.14 0.00 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| SITHE_IND_GS1 24169 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.63 -0.68 0.00 | 26.14 -0.64 0.00 | 27.93 -0.69 0.00 | 28.17 -0.69 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 35.68 -0.98 0.94 | 36.63 -1.00 0.96 | 35.29 -0.93 1.07 | 33.66 -0.89 1.05 | 31.60 -0.85 0.06 | 30.51 -0.78 0.00 | 26.90 -0.72 0.00 |
| SITHE_IND_GS2 24170 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.63 -0.68 0.00 | 26.14 -0.64 0.00 | 27.93 -0.69 0.00 | 28.17 -0.69 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 35.68 -0.98 0.94 | 36.63 -1.00 0.96 | 35.29 -0.93 1.07 | 33.66 -0.89 1.05 | 31.60 -0.85 0.06 | 30.51 -0.78 0.00 | 26.90 -0.72 0.00 |
| SITHE_IND_GS3 24171 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.63 -0.68 0.00 | 26.14 -0.64 0.00 | 27.93 -0.69 0.00 | 28.17 -0.69 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 35.68 -0.98 0.94 | 36.63 -1.00 0.96 | 35.29 -0.93 1.07 | 33.66 -0.89 1.05 | 31.60 -0.85 0.06 | 30.51 -0.78 0.00 | 26.90 -0.72 0.00 |
| SITHE_IND_GS4 24172 | 26.21 -0.64 0.00 | 25.22 -0.65 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.21 -0.52 0.00 | 22.41 -0.57 0.00 | 22.74 -0.61 0.00 | 21.97 -0.47 0.00 | 23.51 -0.51 0.00 | 25.58 -0.68 0.00 | 25.63 -0.68 0.00 | 26.14 -0.64 0.00 | 27.93 -0.69 0.00 | 28.17 -0.69 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 35.68 -0.98 0.94 | 36.63 -1.00 0.96 | 35.29 -0.93 1.07 | 33.66 -0.89 1.05 | 31.60 -0.85 0.06 | 30.51 -0.78 0.00 | 26.90 -0.72 0.00 |

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| SITHE___BATAVIA 24024 | 25.99 -0.86 0.00 | 25.01 -0.85 0.00 | 23.59 -0.80 0.00 | 22.29 -0.83 0.00 | 21.96 -0.77 0.00 | 22.06 -0.92 0.00 | 22.21 -1.14 0.00 | 21.68 -0.76 0.00 | 23.49 -0.53 0.00 | 25.55 -0.71 0.00 | 25.97 -0.34 0.00 | 26.83 0.05 0.00 | 28.28 -0.34 0.00 | 28.55 -0.32 0.00 | 28.41 -0.82 0.00 | 30.34 -0.75 0.00 | 33.52 -0.86 0.00 | 36.48 -0.98 0.14 | 37.52 -0.93 0.14 | 36.35 -0.75 0.19 | 34.73 -0.71 0.15 | 31.75 -0.75 0.01 | 30.86 -0.44 0.00 | 27.26 -0.36 0.00 |
| SITHE___INDEPEND 23800 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.86 -0.54 0.00 | 22.62 -0.51 0.00 | 22.23 -0.50 0.00 | 22.45 -0.53 0.00 | 22.81 -0.54 0.00 | 22.02 -0.43 0.00 | 23.56 -0.46 0.00 | 25.55 -0.71 0.00 | 25.63 -0.68 0.00 | 26.14 -0.64 0.00 | 27.90 -0.72 0.00 | 28.17 -0.69 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 35.68 -0.98 0.94 | 36.63 -1.00 0.96 | 35.25 -0.97 1.07 | 33.66 -0.89 1.05 | 31.60 -0.85 0.06 | 30.51 -0.78 0.00 | 26.90 -0.72 0.00 |
| SITHE___MASSENA 23902 | 26.48 -0.38 0.00 | 25.58 -0.28 0.00 | 24.13 -0.27 0.00 | 22.89 -0.23 0.00 | 22.50 -0.23 0.00 | 22.77 -0.21 0.00 | 23.09 -0.26 0.00 | 22.00 -0.45 0.00 | 23.54 -0.48 0.00 | 25.81 -0.45 0.00 | 25.87 -0.45 0.00 | 26.33 -0.46 0.00 | 27.99 -0.63 0.00 | 28.26 -0.61 0.00 | 28.62 -0.62 0.00 | 30.43 -0.65 0.00 | 33.80 -0.58 0.00 | 36.99 -0.60 0.00 | 37.90 -0.69 0.00 | 36.65 -0.63 0.00 | 34.99 -0.61 0.00 | 31.88 -0.62 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| SITHE___OGDNSBRG 24021 | 26.53 -0.32 0.00 | 25.69 -0.18 0.00 | 24.23 -0.17 0.00 | 22.92 -0.21 0.00 | 22.55 -0.18 0.00 | 22.82 -0.16 0.00 | 23.12 -0.23 0.00 | 21.95 -0.49 0.00 | 23.42 -0.60 0.00 | 25.73 -0.53 0.00 | 25.71 -0.61 0.00 | 26.17 -0.62 0.00 | 27.79 -0.83 0.00 | 28.05 -0.81 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.66 -0.72 0.00 | 36.96 -0.64 0.00 | 38.01 -0.58 0.00 | 36.84 -0.45 0.00 | 35.16 -0.43 0.00 | 32.08 -0.42 0.00 | 30.89 -0.41 0.00 | 27.26 -0.36 0.00 |
| SITHE___STERLING 23777 | 27.34 0.48 0.00 | 26.38 0.52 0.00 | 24.91 0.51 0.00 | 23.56 0.44 0.00 | 23.16 0.43 0.00 | 23.37 0.39 0.00 | 23.72 0.37 0.00 | 22.90 0.45 0.00 | 24.45 0.43 0.00 | 26.84 0.58 0.00 | 26.84 0.53 0.00 | 27.40 0.62 0.00 | 29.25 0.63 0.00 | 29.53 0.66 0.00 | 29.90 0.67 0.00 | 31.77 0.68 0.00 | 35.20 0.82 0.00 | 38.58 1.02 0.03 | 39.64 1.08 0.03 | 38.33 1.08 0.03 | 36.52 0.96 0.03 | 33.41 0.91 0.00 | 32.14 0.85 0.00 | 28.34 0.72 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 26.21 -0.64 0.00 | 25.25 -0.62 0.00 | 23.81 -0.59 0.00 | 22.57 -0.56 0.00 | 22.14 -0.59 0.00 | 22.38 -0.60 0.00 | 22.65 -0.70 0.00 | 22.00 -0.45 0.00 | 23.66 -0.36 0.00 | 25.76 -0.50 0.00 | 26.03 -0.29 0.00 | 26.73 -0.05 0.00 | 28.36 -0.26 0.00 | 28.63 -0.23 0.00 | 28.76 -0.47 0.00 | 30.65 -0.44 0.00 | 33.86 -0.52 0.00 | 36.96 -0.53 0.11 | 38.01 -0.46 0.12 | 36.62 -0.52 0.14 | 35.11 -0.36 0.13 | 31.97 -0.52 0.01 | 30.92 -0.38 0.00 | 27.21 -0.41 0.00 |
| SOUTH CAIRO___GT 23612 | 28.17 1.32 0.00 | 27.13 1.27 0.00 | 25.59 1.20 0.00 | 24.28 1.16 0.00 | 23.89 1.16 0.00 | 24.11 1.13 0.00 | 24.45 1.10 0.00 | 23.37 0.92 0.00 | 24.98 0.96 0.00 | 27.28 1.02 0.00 | 27.24 0.92 0.00 | 27.56 0.78 0.00 | 29.65 1.03 0.00 | 29.73 0.87 0.00 | 30.20 0.96 0.00 | 32.20 1.12 0.00 | 35.69 1.31 0.00 | 39.40 1.80 0.00 | 40.52 1.93 0.00 | 39.33 2.05 0.00 | 37.76 2.17 0.00 | 34.39 1.89 0.00 | 33.02 1.72 0.00 | 29.08 1.46 0.00 |
| SOUTH HAMPTN___IC 23720 | 31.51 2.58 -2.08 | 28.48 2.43 -0.18 | 27.04 2.27 -0.37 | 25.02 1.90 0.00 | 24.59 1.86 0.00 | 25.05 2.07 0.00 | 25.47 2.12 0.00 | 24.38 1.93 0.00 | 26.37 2.36 0.00 | 29.07 2.81 0.00 | 36.06 3.16 -6.59 | 37.11 3.21 -7.11 | 37.60 3.66 -5.32 | 38.23 3.75 -5.61 | 38.58 3.92 -5.43 | 38.93 4.17 -3.68 | 42.41 4.67 -3.35 | 43.27 4.89 -0.79 | 43.54 4.94 -0.01 | 41.68 4.40 0.00 | 39.47 3.88 0.00 | 38.33 4.03 -1.80 | 36.21 3.47 -1.44 | 35.03 3.07 -4.34 |
| SOUTHDOW_115KV_TB1 355954 | 25.89 -0.97 0.00 | 24.81 -1.06 0.00 | 23.54 -0.85 0.00 | 22.36 -0.76 0.00 | 21.89 -0.84 0.00 | 22.09 -0.90 0.00 | 22.32 -1.03 0.00 | 21.77 -0.67 0.00 | 23.68 -0.34 0.00 | 25.60 -0.66 0.00 | 26.32 0.00 0.00 | 27.34 0.56 0.00 | 28.67 0.06 0.00 | 29.18 0.32 0.00 | 28.91 -0.32 0.00 | 30.90 -0.19 0.00 | 34.28 -0.10 0.00 | 36.31 -1.17 0.12 | 37.31 -1.16 0.12 | 35.60 -1.49 0.19 | 34.28 -1.17 0.14 | 32.07 -0.42 0.01 | 31.33 0.03 0.00 | 27.81 0.19 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 32.18 3.25 -2.08 | 29.13 3.08 -0.18 | 27.55 2.78 -0.37 | 25.51 2.38 0.00 | 25.09 2.36 0.00 | 25.49 2.50 0.00 | 25.89 2.55 0.00 | 24.83 2.38 0.00 | 26.95 2.93 0.00 | 29.78 3.52 0.00 | 36.90 4.00 -6.59 | 38.04 4.15 -7.11 | 38.58 4.64 -5.32 | 39.21 4.73 -5.61 | 39.57 4.91 -5.43 | 40.01 5.25 -3.68 | 43.61 5.88 -3.35 | 44.51 6.13 -0.79 | 44.82 6.21 -0.01 | 42.88 5.59 0.00 | 40.54 4.95 0.00 | 39.30 5.01 -1.80 | 37.06 4.32 -1.44 | 35.72 3.76 -4.34 |
| SOUTHOLD___IC 23719 | 32.18 3.25 -2.08 | 29.13 3.08 -0.18 | 27.62 2.85 -0.37 | 25.55 2.43 0.00 | 25.11 2.39 0.00 | 25.58 2.60 0.00 | 25.96 2.61 0.00 | 24.85 2.40 0.00 | 26.97 2.95 0.00 | 29.78 3.52 0.00 | 36.90 4.00 -6.59 | 38.04 4.15 -7.11 | 38.58 4.64 -5.32 | 39.21 4.73 -5.61 | 39.57 4.91 -5.43 | 40.01 5.25 -3.68 | 43.61 5.88 -3.35 | 44.51 6.13 -0.79 | 44.82 6.21 -0.01 | 42.84 5.56 0.00 | 40.54 4.95 0.00 | 39.30 5.00 -1.80 | 37.06 4.32 -1.44 | 35.72 3.76 -4.34 |
| SOUTH_FORK_WT_PWR 323839 | 32.29 3.36 -2.08 | 29.23 3.18 -0.18 | 27.74 2.98 -0.37 | 25.67 2.54 0.00 | 25.21 2.48 0.00 | 25.67 2.69 0.00 | 26.06 2.71 0.00 | 24.96 2.51 0.00 | 27.09 3.07 0.00 | 29.91 3.65 0.00 | 37.09 4.18 -6.59 | 38.23 4.34 -7.11 | 38.75 4.81 -5.32 | 39.38 4.91 -5.61 | 39.75 5.09 -5.43 | 40.17 5.41 -3.68 | 43.82 6.09 -3.35 | 44.74 6.36 -0.79 | 45.01 6.41 -0.01 | 43.02 5.74 0.00 | 40.68 5.09 0.00 | 39.46 5.17 -1.80 | 37.18 4.44 -1.44 | 35.83 3.87 -4.34 |
| SPIERFLS_115KV_TB 1 80737 | 29.00 2.15 0.00 | 27.99 2.12 0.00 | 26.23 1.83 0.00 | 24.91 1.78 0.00 | 24.43 1.70 0.00 | 24.73 1.75 0.00 | 25.19 1.84 0.00 | 24.24 1.80 0.00 | 26.06 2.04 0.00 | 28.70 2.44 0.00 | 28.45 2.13 0.00 | 28.92 2.14 0.00 | 30.99 2.38 0.00 | 30.97 2.11 0.00 | 31.28 2.05 0.00 | 33.35 2.27 0.00 | 36.58 2.20 0.00 | 40.42 2.82 0.00 | 41.91 3.32 0.00 | 40.68 3.39 0.00 | 39.44 3.84 0.00 | 35.91 3.41 0.00 | 34.33 3.04 0.00 | 30.16 2.54 0.00 |
| ST LAWRENCE____ 23600 | 26.37 -0.48 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.75 -0.37 0.00 | 22.36 -0.36 0.00 | 22.64 -0.34 0.00 | 22.97 -0.37 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.68 -0.58 0.00 | 25.74 -0.58 0.00 | 26.22 -0.56 0.00 | 27.87 -0.74 0.00 | 28.14 -0.72 0.00 | 28.53 -0.70 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 36.77 -0.83 0.00 | 37.71 -0.89 0.00 | 36.43 -0.86 0.00 | 34.77 -0.82 0.00 | 31.72 -0.78 0.00 | 30.58 -0.72 0.00 | 26.99 -0.63 0.00 |
| STATE_CA_115KV_115_LB 55624 | 27.52 0.67 0.00 | 26.51 0.65 0.00 | 24.94 0.54 0.00 | 23.70 0.58 0.00 | 23.30 0.57 0.00 | 23.56 0.57 0.00 | 23.98 0.63 0.00 | 23.10 0.65 0.00 | 24.71 0.70 0.00 | 27.07 0.81 0.00 | 27.08 0.76 0.00 | 27.45 0.67 0.00 | 29.50 0.89 0.00 | 29.73 0.87 0.00 | 30.11 0.88 0.00 | 32.02 0.93 0.00 | 35.31 0.93 0.00 | 38.72 1.13 0.00 | 39.71 1.12 0.00 | 38.40 1.12 0.00 | 36.77 1.17 0.00 | 33.57 1.07 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 26.85 0.00 0.00 | 25.84 -0.03 0.00 | 24.42 0.02 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.28 -0.07 0.00 | 22.54 0.09 0.00 | 24.11 0.10 0.00 | 26.29 0.03 0.00 | 26.42 0.11 0.00 | 27.02 0.24 0.00 | 28.85 0.23 0.00 | 29.12 0.26 0.00 | 29.41 0.18 0.00 | 31.27 0.19 0.00 | 34.62 0.24 0.00 | 37.76 0.19 0.02 | 38.84 0.27 0.02 | 37.57 0.30 0.02 | 35.89 0.32 0.02 | 32.76 0.26 0.00 | 31.58 0.28 0.00 | 27.79 0.17 0.00 |
| STATION 5_MISC_HYD 23604 | 26.10 -0.75 0.00 | 25.12 -0.75 0.00 | 23.69 -0.71 0.00 | 22.41 -0.72 0.00 | 22.05 -0.68 0.00 | 22.20 -0.78 0.00 | 22.39 -0.96 0.00 | 21.82 -0.63 0.00 | 23.56 -0.46 0.00 | 25.68 -0.58 0.00 | 26.00 -0.31 0.00 | 26.75 -0.03 0.00 | 28.33 -0.29 0.00 | 28.55 -0.32 0.00 | 28.59 -0.64 0.00 | 30.49 -0.59 0.00 | 33.66 -0.72 0.00 | 36.81 -0.64 0.15 | 37.79 -0.66 0.15 | 36.57 -0.52 0.19 | 34.93 -0.50 0.16 | 31.81 -0.68 0.01 | 30.79 -0.50 0.00 | 27.15 -0.47 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 26.40 -0.46 0.00 | 25.43 -0.44 0.00 | 23.98 -0.41 0.00 | 22.71 -0.42 0.00 | 22.30 -0.43 0.00 | 22.54 -0.44 0.00 | 22.81 -0.54 0.00 | 22.15 -0.29 0.00 | 23.85 -0.17 0.00 | 25.94 -0.32 0.00 | 26.24 -0.08 0.00 | 27.00 0.21 0.00 | 28.59 -0.03 0.00 | 28.89 0.03 0.00 | 28.97 -0.26 0.00 | 30.90 -0.19 0.00 | 34.14 -0.24 0.00 | 37.22 -0.26 0.11 | 38.29 -0.19 0.11 | 36.91 -0.22 0.15 | 35.43 -0.04 0.12 | 32.27 -0.23 0.01 | 31.20 -0.09 0.00 | 27.45 -0.17 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 25.97 -0.89 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.36 -0.76 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.39 -0.96 0.00 | 21.77 -0.67 0.00 | 23.51 -0.50 0.00 | 25.52 -0.74 0.00 | 25.87 -0.45 0.00 | 26.65 -0.13 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.66 -0.79 0.14 | 37.71 -0.73 0.15 | 36.24 -0.86 0.19 | 34.83 -0.61 0.16 | 31.71 -0.78 0.01 | 30.70 -0.59 0.00 | 27.04 -0.58 0.00 |
| STA_56___34_KV_BUS2 355983 | 25.97 -0.89 0.00 | 25.01 -0.85 0.00 | 23.59 -0.81 0.00 | 22.36 -0.76 0.00 | 21.93 -0.80 0.00 | 22.18 -0.80 0.00 | 22.39 -0.96 0.00 | 21.77 -0.67 0.00 | 23.51 -0.50 0.00 | 25.52 -0.74 0.00 | 25.87 -0.45 0.00 | 26.65 -0.13 0.00 | 28.16 -0.46 0.00 | 28.46 -0.40 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.66 -0.79 0.14 | 37.71 -0.73 0.15 | 36.24 -0.86 0.19 | 34.83 -0.61 0.16 | 31.71 -0.78 0.01 | 30.70 -0.59 0.00 | 27.04 -0.58 0.00 |
| STA_67___115KV_BK2 355882 | 25.99 -0.86 0.00 | 25.04 -0.83 0.00 | 23.62 -0.78 0.00 | 22.39 -0.74 0.00 | 21.96 -0.77 0.00 | 22.18 -0.80 0.00 | 22.39 -0.96 0.00 | 21.77 -0.67 0.00 | 23.51 -0.50 0.00 | 25.52 -0.74 0.00 | 25.89 -0.42 0.00 | 26.67 -0.11 0.00 | 28.16 -0.46 0.00 | 28.49 -0.38 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.55 -0.83 0.00 | 36.66 -0.79 0.15 | 37.67 -0.77 0.15 | 36.20 -0.89 0.19 | 34.82 -0.61 0.16 | 31.71 -0.78 0.01 | 30.70 -0.59 0.00 | 27.09 -0.52 0.00 |
| STA_7___115KV_9TRANS 80674 | 26.18 -0.67 0.00 | 25.22 -0.65 0.00 | 23.76 -0.63 0.00 | 22.52 -0.60 0.00 | 22.09 -0.64 0.00 | 22.31 -0.67 0.00 | 22.53 -0.82 0.00 | 21.91 -0.54 0.00 | 23.68 -0.34 0.00 | 25.71 -0.55 0.00 | 26.10 -0.21 0.00 | 26.92 0.13 0.00 | 28.39 -0.23 0.00 | 28.72 -0.14 0.00 | 28.73 -0.50 0.00 | 30.68 -0.40 0.00 | 33.86 -0.52 0.00 | 37.00 -0.45 0.15 | 38.02 -0.42 0.15 | 36.57 -0.52 0.19 | 35.14 -0.28 0.16 | 31.97 -0.52 0.01 | 30.98 -0.31 0.00 | 27.29 -0.33 0.00 |
| STA_82___115KV_TB1 80780 | 26.02 -0.83 0.00 | 25.04 -0.83 0.00 | 23.62 -0.78 0.00 | 22.41 -0.72 0.00 | 21.96 -0.77 0.00 | 22.20 -0.78 0.00 | 22.39 -0.96 0.00 | 21.77 -0.67 0.00 | 23.51 -0.50 0.00 | 25.52 -0.74 0.00 | 25.89 -0.42 0.00 | 26.70 -0.08 0.00 | 28.16 -0.46 0.00 | 28.49 -0.38 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.70 -0.75 0.14 | 37.71 -0.73 0.15 | 36.24 -0.86 0.19 | 34.86 -0.57 0.16 | 31.71 -0.78 0.01 | 30.73 -0.56 0.00 | 27.09 -0.52 0.00 |
| STEEL___WIND 323596 | 25.51 -1.34 0.00 | 24.44 -1.42 0.00 | 23.16 -1.24 0.00 | 21.90 -1.23 0.00 | 21.57 -1.16 0.00 | 21.63 -1.36 0.00 | 21.79 -1.56 0.00 | 21.30 -1.14 0.00 | 23.08 -0.94 0.00 | 25.16 -1.10 0.00 | 25.63 -0.68 0.00 | 26.57 -0.22 0.00 | 27.99 -0.63 0.00 | 28.29 -0.58 0.00 | 28.06 -1.17 0.00 | 29.94 -1.15 0.00 | 33.14 -1.24 0.00 | 35.47 -1.99 0.13 | 36.38 -2.08 0.13 | 35.01 -2.09 0.19 | 33.49 -1.96 0.14 | 31.03 -1.46 0.01 | 30.29 -1.00 0.00 | 26.90 -0.72 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 27.66 0.81 0.00 | 26.64 0.78 0.00 | 25.03 0.63 0.00 | 23.77 0.65 0.00 | 23.39 0.66 0.00 | 23.62 0.64 0.00 | 24.07 0.72 0.00 | 23.19 0.74 0.00 | 24.81 0.79 0.00 | 27.20 0.95 0.00 | 27.21 0.89 0.00 | 27.61 0.83 0.00 | 29.65 1.03 0.00 | 29.87 1.01 0.00 | 30.25 1.02 0.00 | 32.20 1.12 0.00 | 35.48 1.10 0.00 | 38.95 1.35 0.00 | 39.94 1.35 0.00 | 38.66 1.38 0.00 | 37.02 1.42 0.00 | 33.77 1.27 0.00 | 32.42 1.13 0.00 | 28.61 0.99 0.00 |
| STEUBEN_REC_LFGE 323667 | 25.81 -1.05 0.00 | 24.75 -1.11 0.00 | 23.54 -0.85 0.00 | 22.50 -0.62 0.00 | 22.09 -0.64 0.00 | 22.29 -0.69 0.00 | 22.58 -0.77 0.00 | 21.84 -0.61 0.00 | 23.39 -0.62 0.00 | 25.60 -0.66 0.00 | 26.05 -0.26 0.00 | 27.13 0.35 0.00 | 28.85 0.23 0.00 | 29.38 0.52 0.00 | 29.38 0.15 0.00 | 31.43 0.34 0.00 | 34.93 0.55 0.00 | 36.83 -0.68 0.09 | 37.27 -1.23 0.09 | 35.75 -1.30 0.23 | 34.57 -0.93 0.09 | 32.66 0.16 0.01 | 32.05 0.75 0.00 | 28.31 0.69 0.00 |
| STILLWATER___SOLAR 323814 | 28.62 1.77 0.00 | 27.60 1.73 0.00 | 25.94 1.54 0.00 | 24.63 1.50 0.00 | 24.14 1.41 0.00 | 24.45 1.47 0.00 | 24.91 1.56 0.00 | 23.97 1.53 0.00 | 25.72 1.71 0.00 | 28.20 1.94 0.00 | 28.11 1.79 0.00 | 28.55 1.77 0.00 | 30.62 2.00 0.00 | 30.77 1.90 0.00 | 31.10 1.87 0.00 | 33.14 2.05 0.00 | 36.41 2.03 0.00 | 40.08 2.48 0.00 | 41.29 2.70 0.00 | 40.00 2.72 0.00 | 38.58 2.99 0.00 | 35.13 2.63 0.00 | 33.67 2.38 0.00 | 29.69 2.07 0.00 |
| STONY___BROOK 24151 | 31.16 2.23 -2.08 | 28.14 2.09 -0.18 | 26.69 1.93 -0.37 | 24.77 1.64 0.00 | 24.32 1.59 0.00 | 24.73 1.75 0.00 | 25.10 1.75 0.00 | 24.08 1.64 0.00 | 26.03 2.02 0.00 | 28.67 2.41 0.00 | 35.53 2.63 -6.59 | 36.49 2.60 -7.11 | 36.97 3.03 -5.32 | 37.59 3.12 -5.61 | 37.90 3.24 -5.43 | 38.24 3.48 -3.68 | 41.64 3.88 -3.37 | 42.45 4.06 -0.79 | 42.70 4.09 -0.02 | 40.90 3.62 0.00 | 38.83 3.24 0.00 | 37.71 3.41 -1.80 | 35.77 3.03 -1.44 | 34.70 2.73 -4.34 |
| STURGEON_POOL_HYD 23609 | 28.17 1.32 0.00 | 27.06 1.19 0.00 | 25.45 1.05 0.00 | 24.07 0.95 0.00 | 23.68 0.95 0.00 | 23.92 0.94 0.00 | 24.28 0.93 0.00 | 23.43 0.99 0.00 | 25.15 1.13 0.00 | 27.65 1.39 0.00 | 27.79 1.47 0.00 | 28.15 1.37 0.00 | 30.36 1.75 0.00 | 30.57 1.70 0.00 | 31.07 1.84 0.00 | 33.04 1.96 0.00 | 36.61 2.23 0.00 | 39.85 2.26 0.00 | 40.95 2.35 0.00 | 39.52 2.24 0.00 | 37.51 1.92 0.00 | 34.39 1.89 0.00 | 33.11 1.82 0.00 | 29.28 1.66 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 26.34 -0.51 0.00 | 25.40 -0.46 0.00 | 23.96 -0.44 0.00 | 22.73 -0.39 0.00 | 22.34 -0.39 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.89 -0.56 0.00 | 23.42 -0.60 0.00 | 25.66 -0.60 0.00 | 25.68 -0.63 0.00 | 26.17 -0.61 0.00 | 27.82 -0.80 0.00 | 28.09 -0.78 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.55 -0.83 0.00 | 36.69 -0.90 0.00 | 37.63 -0.96 0.00 | 36.39 -0.90 0.00 | 34.70 -0.89 0.00 | 31.66 -0.85 0.00 | 30.54 -0.75 0.00 | 26.96 -0.66 0.00 |

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| ST_LAW_115_BK8_LBMP 345038 | 26.34 -0.51 0.00 | 25.40 -0.46 0.00 | 23.96 -0.44 0.00 | 22.73 -0.39 0.00 | 22.34 -0.39 0.00 | 22.59 -0.39 0.00 | 22.95 -0.40 0.00 | 21.89 -0.56 0.00 | 23.42 -0.60 0.00 | 25.66 -0.60 0.00 | 25.68 -0.63 0.00 | 26.17 -0.61 0.00 | 27.82 -0.80 0.00 | 28.09 -0.78 0.00 | 28.47 -0.76 0.00 | 30.28 -0.81 0.00 | 33.55 -0.83 0.00 | 36.69 -0.90 0.00 | 37.63 -0.96 0.00 | 36.39 -0.90 0.00 | 34.70 -0.89 0.00 | 31.66 -0.85 0.00 | 30.54 -0.75 0.00 | 26.96 -0.66 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 26.37 -0.48 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.75 -0.37 0.00 | 22.36 -0.36 0.00 | 22.64 -0.34 0.00 | 22.97 -0.37 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.68 -0.58 0.00 | 25.74 -0.58 0.00 | 26.22 -0.56 0.00 | 27.87 -0.74 0.00 | 28.14 -0.72 0.00 | 28.53 -0.70 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 36.77 -0.83 0.00 | 37.71 -0.89 0.00 | 36.43 -0.86 0.00 | 34.77 -0.82 0.00 | 31.72 -0.78 0.00 | 30.58 -0.72 0.00 | 26.99 -0.63 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 26.37 -0.48 0.00 | 25.45 -0.41 0.00 | 23.98 -0.41 0.00 | 22.75 -0.37 0.00 | 22.36 -0.36 0.00 | 22.64 -0.34 0.00 | 22.97 -0.37 0.00 | 21.91 -0.54 0.00 | 23.47 -0.55 0.00 | 25.68 -0.58 0.00 | 25.74 -0.58 0.00 | 26.22 -0.56 0.00 | 27.87 -0.74 0.00 | 28.14 -0.72 0.00 | 28.53 -0.70 0.00 | 30.34 -0.75 0.00 | 33.59 -0.79 0.00 | 36.77 -0.83 0.00 | 37.71 -0.89 0.00 | 36.43 -0.86 0.00 | 34.77 -0.82 0.00 | 31.72 -0.78 0.00 | 30.58 -0.72 0.00 | 26.99 -0.63 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 28.09 1.24 0.00 | 26.98 1.11 0.00 | 25.35 0.95 0.00 | 24.00 0.88 0.00 | 23.61 0.89 0.00 | 23.88 0.90 0.00 | 24.28 0.93 0.00 | 23.46 1.01 0.00 | 25.17 1.15 0.00 | 27.68 1.42 0.00 | 27.76 1.45 0.00 | 28.15 1.37 0.00 | 30.33 1.72 0.00 | 30.57 1.70 0.00 | 31.04 1.81 0.00 | 33.04 1.96 0.00 | 36.55 2.17 0.00 | 39.81 2.22 0.00 | 40.91 2.32 0.00 | 39.48 2.20 0.00 | 37.55 1.96 0.00 | 34.39 1.89 0.00 | 33.05 1.75 0.00 | 29.19 1.57 0.00 |
| SWANROAD_115KV_TB1 355699 | 24.81 -2.04 0.00 | 23.82 -2.04 0.00 | 22.54 -1.85 0.00 | 21.41 -1.71 0.00 | 20.93 -1.80 0.00 | 21.12 -1.86 0.00 | 21.27 -2.08 0.00 | 20.76 -1.68 0.00 | 22.53 -1.49 0.00 | 24.37 -1.89 0.00 | 24.89 -1.42 0.00 | 25.90 -0.88 0.00 | 27.10 -1.52 0.00 | 27.48 -1.39 0.00 | 27.24 -1.99 0.00 | 29.06 -2.02 0.00 | 32.11 -2.27 0.00 | 34.72 -2.74 0.14 | 35.60 -2.86 0.14 | 34.00 -3.09 0.19 | 32.84 -2.60 0.15 | 30.12 -2.37 0.01 | 29.45 -1.85 0.00 | 26.13 -1.49 0.00 |
| SYNERGY___BIOGAS 323694 | 25.99 -0.86 0.00 | 25.01 -0.85 0.00 | 23.59 -0.80 0.00 | 22.29 -0.83 0.00 | 21.96 -0.77 0.00 | 22.06 -0.92 0.00 | 22.21 -1.14 0.00 | 21.68 -0.76 0.00 | 23.49 -0.53 0.00 | 25.55 -0.71 0.00 | 25.97 -0.34 0.00 | 26.83 0.05 0.00 | 28.28 -0.34 0.00 | 28.55 -0.32 0.00 | 28.41 -0.82 0.00 | 30.34 -0.75 0.00 | 33.52 -0.86 0.00 | 36.48 -0.98 0.14 | 37.52 -0.93 0.14 | 36.35 -0.75 0.19 | 34.73 -0.71 0.15 | 31.75 -0.75 0.01 | 30.86 -0.44 0.00 | 27.26 -0.36 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.30 -0.05 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.60 0.00 0.00 | 38.63 0.04 0.00 | 37.32 0.04 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 26.83 -0.03 0.00 | 25.81 -0.05 0.00 | 24.40 0.00 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.94 -0.05 0.00 | 23.30 -0.05 0.00 | 22.54 0.09 0.00 | 24.09 0.07 0.00 | 26.23 -0.03 0.00 | 26.34 0.03 0.00 | 26.89 0.11 0.00 | 28.73 0.11 0.00 | 28.98 0.12 0.00 | 29.26 0.03 0.00 | 31.15 0.06 0.00 | 34.45 0.07 0.00 | 37.60 0.00 0.00 | 38.63 0.04 0.00 | 37.32 0.04 0.00 | 35.66 0.07 0.00 | 32.53 0.03 0.00 | 31.39 0.09 0.00 | 27.62 0.00 0.00 |
| SYRACUSE___POWER 24017 | 26.77 -0.08 0.00 | 25.76 -0.10 0.00 | 24.35 -0.05 0.00 | 23.06 -0.07 0.00 | 22.66 -0.07 0.00 | 22.89 -0.09 0.00 | 23.23 -0.12 0.00 | 22.47 0.02 0.00 | 24.02 0.00 0.00 | 26.18 -0.08 0.00 | 26.29 -0.03 0.00 | 26.83 0.05 0.00 | 28.67 0.06 0.00 | 28.92 0.06 0.00 | 29.23 0.00 0.00 | 31.12 0.03 0.00 | 34.38 0.00 0.00 | 37.55 0.00 0.04 | 38.59 0.04 0.04 | 37.28 0.04 0.04 | 35.58 0.04 0.05 | 32.50 0.00 0.00 | 31.33 0.03 0.00 | 27.59 -0.03 0.00 |
| TALLMAN___138KV_BK151 55660 | 28.28 1.42 0.00 | 27.13 1.27 0.00 | 25.50 1.10 0.00 | 24.14 1.02 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.36 1.34 0.00 | 27.89 1.63 0.00 | 28.00 1.68 0.00 | 28.39 1.61 0.00 | 30.59 1.97 0.00 | 30.88 2.02 0.00 | 31.37 2.13 0.00 | 33.35 2.27 0.00 | 36.89 2.51 0.00 | 40.15 2.56 0.00 | 41.26 2.66 0.00 | 39.82 2.54 0.00 | 37.83 2.24 0.00 | 34.68 2.18 0.00 | 33.33 2.03 0.00 | 29.44 1.82 0.00 |
| TEALLAVE_115KV_TB7 355573 | 26.69 -0.16 0.00 | 25.69 -0.18 0.00 | 24.28 -0.12 0.00 | 23.01 -0.12 0.00 | 22.59 -0.14 0.00 | 22.82 -0.16 0.00 | 23.19 -0.16 0.00 | 22.40 -0.04 0.00 | 23.97 -0.05 0.00 | 26.10 -0.16 0.00 | 26.21 -0.11 0.00 | 26.75 -0.03 0.00 | 28.59 -0.03 0.00 | 28.83 -0.03 0.00 | 29.11 -0.12 0.00 | 30.99 -0.09 0.00 | 34.28 -0.10 0.00 | 37.39 -0.15 0.06 | 38.42 -0.12 0.06 | 37.07 -0.15 0.07 | 35.42 -0.11 0.06 | 32.37 -0.13 0.00 | 31.20 -0.09 0.00 | 27.48 -0.14 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 25.48 -1.37 0.00 | 24.50 -1.37 0.00 | 23.13 -1.27 0.00 | 21.97 -1.16 0.00 | 21.50 -1.23 0.00 | 21.72 -1.26 0.00 | 21.85 -1.49 0.00 | 21.32 -1.12 0.00 | 23.15 -0.86 0.00 | 25.03 -1.23 0.00 | 25.55 -0.76 0.00 | 26.54 -0.24 0.00 | 27.79 -0.83 0.00 | 28.20 -0.66 0.00 | 27.97 -1.26 0.00 | 29.87 -1.21 0.00 | 33.00 -1.38 0.00 | 35.77 -1.69 0.14 | 36.75 -1.70 0.14 | 35.16 -1.94 0.19 | 33.94 -1.49 0.15 | 31.06 -1.43 0.01 | 30.29 -1.00 0.00 | 26.82 -0.80 0.00 |
| TEMPLE___115KV_TB 2 55572 | 26.69 -0.16 0.00 | 25.71 -0.16 0.00 | 24.30 -0.10 0.00 | 23.01 -0.12 0.00 | 22.61 -0.11 0.00 | 22.84 -0.14 0.00 | 23.19 -0.16 0.00 | 22.42 -0.02 0.00 | 23.99 -0.02 0.00 | 26.13 -0.13 0.00 | 26.21 -0.11 0.00 | 26.78 0.00 0.00 | 28.62 0.00 0.00 | 28.86 0.00 0.00 | 29.14 -0.09 0.00 | 31.02 -0.06 0.00 | 34.28 -0.10 0.00 | 37.42 -0.11 0.06 | 38.42 -0.12 0.06 | 37.11 -0.11 0.07 | 35.46 -0.07 0.06 | 32.37 -0.13 0.00 | 31.23 -0.06 0.00 | 27.51 -0.11 0.00 |
| TIANA____69_KV_BK 1 55817 | 31.38 2.44 -2.08 | 28.33 2.28 -0.18 | 26.82 2.05 -0.37 | 24.86 1.73 0.00 | 24.46 1.73 0.00 | 24.87 1.88 0.00 | 25.29 1.94 0.00 | 24.22 1.77 0.00 | 26.20 2.19 0.00 | 28.91 2.65 0.00 | 35.88 2.97 -6.59 | 36.92 3.03 -7.11 | 37.40 3.46 -5.32 | 38.00 3.52 -5.61 | 38.34 3.68 -5.43 | 38.71 3.95 -3.68 | 42.13 4.40 -3.35 | 43.00 4.62 -0.79 | 43.27 4.67 -0.01 | 41.46 4.18 0.00 | 39.26 3.67 0.00 | 38.10 3.80 -1.80 | 36.06 3.32 -1.44 | 34.89 2.93 -4.34 |
| TILDEN___115KV_TB1 80814 | 26.77 -0.08 0.00 | 25.76 -0.10 0.00 | 24.35 -0.05 0.00 | 23.06 -0.07 0.00 | 22.66 -0.07 0.00 | 22.89 -0.09 0.00 | 23.23 -0.12 0.00 | 22.47 0.02 0.00 | 24.02 0.00 0.00 | 26.18 -0.08 0.00 | 26.29 -0.03 0.00 | 26.83 0.05 0.00 | 28.67 0.06 0.00 | 28.92 0.06 0.00 | 29.23 0.00 0.00 | 31.12 0.03 0.00 | 34.38 0.00 0.00 | 37.55 0.00 0.04 | 38.59 0.04 0.04 | 37.28 0.04 0.04 | 35.58 0.04 0.05 | 32.50 0.00 0.00 | 31.33 0.03 0.00 | 27.59 -0.03 0.00 |

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| TRIGEN___CC 323695 | 30.87 1.93 -2.08 | 27.86 1.81 -0.18 | 26.33 1.56 -0.37 | 24.49 1.36 0.00 | 24.09 1.36 0.00 | 24.41 1.42 0.00 | 24.75 1.40 0.00 | 23.91 1.46 0.00 | 25.77 1.75 0.00 | 28.44 2.18 0.00 | 35.16 2.26 -6.59 | 36.09 2.20 -7.11 | 36.52 2.58 -5.32 | 37.10 2.63 -5.61 | 37.41 2.75 -5.43 | 37.68 2.92 -3.68 | 40.91 3.23 -3.30 | 41.68 3.31 -0.78 | 41.95 3.36 0.00 | 40.42 3.13 0.00 | 38.33 2.74 0.00 | 37.16 2.86 -1.80 | 35.43 2.69 -1.44 | 34.37 2.40 -4.34 |
| TRINITY___115KV___4 BK 55933 | 27.42 0.56 0.00 | 26.41 0.54 0.00 | 24.84 0.44 0.00 | 23.61 0.49 0.00 | 23.23 0.50 0.00 | 23.46 0.48 0.00 | 23.91 0.56 0.00 | 23.03 0.58 0.00 | 24.62 0.60 0.00 | 26.97 0.71 0.00 | 26.95 0.63 0.00 | 27.32 0.54 0.00 | 29.36 0.74 0.00 | 29.58 0.72 0.00 | 29.96 0.73 0.00 | 31.86 0.78 0.00 | 35.17 0.79 0.00 | 38.54 0.94 0.00 | 39.52 0.93 0.00 | 38.22 0.93 0.00 | 36.59 1.00 0.00 | 33.41 0.91 0.00 | 32.08 0.78 0.00 | 28.34 0.72 0.00 |
| UNION___PROCESSING_DRP 323587 | 26.02 -0.83 0.00 | 25.04 -0.83 0.00 | 23.64 -0.76 0.00 | 22.41 -0.72 0.00 | 21.98 -0.75 0.00 | 22.20 -0.78 0.00 | 22.42 -0.93 0.00 | 21.77 -0.67 0.00 | 23.54 -0.48 0.00 | 25.52 -0.74 0.00 | 25.89 -0.42 0.00 | 26.70 -0.08 0.00 | 28.19 -0.43 0.00 | 28.49 -0.38 0.00 | 28.50 -0.73 0.00 | 30.40 -0.68 0.00 | 33.59 -0.79 0.00 | 36.70 -0.75 0.14 | 37.71 -0.73 0.15 | 36.24 -0.86 0.19 | 34.86 -0.57 0.16 | 31.71 -0.78 0.01 | 30.73 -0.56 0.00 | 27.09 -0.52 0.00 |
| UPPER HUDSON___HYD 24058 | 29.00 2.15 0.00 | 27.99 2.12 0.00 | 26.25 1.85 0.00 | 24.93 1.80 0.00 | 24.43 1.71 0.00 | 24.78 1.79 0.00 | 25.22 1.87 0.00 | 24.29 1.84 0.00 | 26.13 2.11 0.00 | 28.70 2.44 0.00 | 28.42 2.11 0.00 | 28.92 2.14 0.00 | 30.99 2.37 0.00 | 30.97 2.11 0.00 | 31.28 2.05 0.00 | 33.35 2.27 0.00 | 36.58 2.20 0.00 | 40.42 2.82 0.00 | 41.91 3.32 0.00 | 40.68 3.39 0.00 | 39.44 3.85 0.00 | 35.91 3.41 0.00 | 34.33 3.03 0.00 | 30.16 2.54 0.00 |
| UPPER RAQUET___HYD 24056 | 25.91 -0.94 0.00 | 25.06 -0.80 0.00 | 23.64 -0.76 0.00 | 22.38 -0.74 0.00 | 22.00 -0.73 0.00 | 22.27 -0.71 0.00 | 22.60 -0.75 0.00 | 21.50 -0.94 0.00 | 23.01 -1.01 0.00 | 25.26 -1.00 0.00 | 25.29 -1.03 0.00 | 25.74 -1.04 0.00 | 27.36 -1.26 0.00 | 27.59 -1.27 0.00 | 28.00 -1.23 0.00 | 29.78 -1.30 0.00 | 33.11 -1.27 0.00 | 36.36 -1.24 0.00 | 37.28 -1.31 0.00 | 36.09 -1.19 0.00 | 34.42 -1.17 0.00 | 31.36 -1.14 0.00 | 30.23 -1.06 0.00 | 26.65 -0.97 0.00 |
| VALLEY44_115KV_TB2 355964 | 25.43 -1.42 0.00 | 24.34 -1.53 0.00 | 23.03 -1.37 0.00 | 21.90 -1.23 0.00 | 21.43 -1.30 0.00 | 21.60 -1.38 0.00 | 21.83 -1.52 0.00 | 21.19 -1.26 0.00 | 22.94 -1.08 0.00 | 24.84 -1.42 0.00 | 25.45 -0.87 0.00 | 26.41 -0.37 0.00 | 27.73 -0.89 0.00 | 28.20 -0.66 0.00 | 28.00 -1.23 0.00 | 29.93 -1.15 0.00 | 33.18 -1.20 0.00 | 34.73 -2.74 0.12 | 35.69 -2.78 0.12 | 34.26 -2.83 0.19 | 32.83 -2.63 0.13 | 31.03 -1.46 0.01 | 30.23 -1.06 0.00 | 26.98 -0.64 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 26.91 0.05 0.00 | 25.92 0.05 0.00 | 24.45 0.05 0.00 | 23.13 0.00 0.00 | 22.71 -0.02 0.00 | 22.96 -0.02 0.00 | 23.30 -0.05 0.00 | 22.47 0.02 0.00 | 24.09 0.07 0.00 | 26.44 0.18 0.00 | 26.50 0.18 0.00 | 27.00 0.21 0.00 | 28.87 0.26 0.00 | 29.15 0.29 0.00 | 29.55 0.32 0.00 | 31.40 0.31 0.00 | 34.72 0.34 0.00 | 38.01 0.41 0.00 | 39.06 0.46 0.00 | 37.66 0.37 0.00 | 35.88 0.28 0.00 | 32.76 0.26 0.00 | 31.48 0.19 0.00 | 27.81 0.19 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 27.95 1.10 0.00 | 26.98 1.11 0.00 | 25.47 1.07 0.00 | 24.07 0.95 0.00 | 23.66 0.93 0.00 | 23.92 0.94 0.00 | 24.31 0.96 0.00 | 23.52 1.08 0.00 | 25.17 1.15 0.00 | 27.73 1.47 0.00 | 27.76 1.45 0.00 | 28.25 1.47 0.00 | 30.16 1.55 0.00 | 30.48 1.62 0.00 | 30.90 1.67 0.00 | 32.76 1.68 0.00 | 36.20 1.82 0.00 | 39.66 2.07 0.00 | 40.68 2.08 0.00 | 39.23 1.94 -0.01 | 37.34 1.74 0.00 | 34.19 1.69 0.00 | 32.83 1.53 0.00 | 29.00 1.38 0.00 |
| VISCHER___FERRY HYD 24020 | 28.01 1.15 0.00 | 26.98 1.11 0.00 | 25.38 0.98 0.00 | 24.10 0.97 0.00 | 23.66 0.93 0.00 | 23.95 0.97 0.00 | 24.40 1.05 0.00 | 23.50 1.06 0.00 | 25.15 1.13 0.00 | 27.55 1.29 0.00 | 27.50 1.19 0.00 | 27.91 1.12 0.00 | 29.96 1.35 0.00 | 30.16 1.30 0.00 | 30.55 1.32 0.00 | 32.49 1.40 0.00 | 35.79 1.41 0.00 | 39.29 1.69 0.00 | 40.33 1.74 0.00 | 39.00 1.72 0.00 | 37.41 1.81 0.00 | 34.12 1.62 0.00 | 32.77 1.47 0.00 | 28.95 1.33 0.00 |
| V_A_10_SYNC_DSASP 323832 | 25.35 -1.50 0.00 | 24.31 -1.55 0.00 | 23.01 -1.39 0.00 | 21.76 -1.36 0.00 | 21.41 -1.32 0.00 | 21.51 -1.47 0.00 | 21.67 -1.68 0.00 | 21.21 -1.23 0.00 | 22.91 -1.10 0.00 | 25.00 -1.26 0.00 | 25.34 -0.97 0.00 | 26.19 -0.59 0.00 | 27.64 -0.97 0.00 | 27.85 -1.01 0.00 | 27.74 -1.49 0.00 | 29.59 -1.49 0.00 | 32.66 -1.72 0.00 | 35.65 -1.80 0.15 | 36.51 -1.93 0.15 | 35.30 -1.79 0.20 | 33.69 -1.74 0.16 | 30.74 -1.76 0.01 | 29.89 -1.41 0.00 | 26.46 -1.16 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 26.42 -0.43 0.00 | 25.50 -0.36 0.00 | 24.06 -0.34 0.00 | 22.82 -0.30 0.00 | 22.43 -0.30 0.00 | 22.71 -0.27 0.00 | 23.05 -0.30 0.00 | 21.95 -0.49 0.00 | 23.51 -0.51 0.00 | 25.76 -0.50 0.00 | 25.79 -0.53 0.00 | 26.27 -0.51 0.00 | 27.93 -0.69 0.00 | 28.20 -0.66 0.00 | 28.59 -0.64 0.00 | 30.37 -0.71 0.00 | 33.69 -0.69 0.00 | 36.84 -0.75 0.00 | 37.78 -0.81 0.00 | 36.54 -0.75 0.00 | 34.84 -0.75 0.00 | 31.79 -0.72 0.00 | 30.67 -0.63 0.00 | 27.07 -0.55 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 26.85 0.00 0.00 | 26.00 0.13 0.00 | 24.47 0.07 0.00 | 23.24 0.12 0.00 | 22.80 0.07 0.00 | 23.12 0.14 0.00 | 23.49 0.14 0.00 | 22.40 -0.04 0.00 | 24.02 0.00 0.00 | 26.47 0.21 0.00 | 26.55 0.24 0.00 | 27.13 0.35 0.00 | 28.87 0.26 0.00 | 29.18 0.32 0.00 | 29.55 0.32 0.00 | 31.36 0.28 0.00 | 34.93 0.55 0.00 | 38.31 0.71 0.00 | 39.25 0.66 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.73 0.44 0.00 | 27.95 0.33 0.00 |
| V_D_10_SYNC_DSASP 323841 | 26.50 -0.35 0.00 | 25.61 -0.26 0.00 | 24.13 -0.27 0.00 | 22.89 -0.23 0.00 | 22.50 -0.23 0.00 | 22.77 -0.21 0.00 | 23.09 -0.26 0.00 | 22.00 -0.45 0.00 | 23.56 -0.46 0.00 | 25.81 -0.45 0.00 | 25.87 -0.45 0.00 | 26.33 -0.46 0.00 | 27.99 -0.63 0.00 | 28.26 -0.61 0.00 | 28.65 -0.58 0.00 | 30.46 -0.62 0.00 | 33.80 -0.58 0.00 | 36.99 -0.60 0.00 | 37.94 -0.66 0.00 | 36.65 -0.63 0.00 | 35.02 -0.57 0.00 | 31.92 -0.58 0.00 | 30.79 -0.50 0.00 | 27.18 -0.44 0.00 |
| V_E_10_SYNC_DSASP 323830 | 28.19 1.34 0.00 | 27.31 1.45 0.00 | 25.86 1.46 0.00 | 24.35 1.22 0.00 | 23.95 1.23 0.00 | 24.15 1.17 0.00 | 24.52 1.17 0.00 | 23.79 1.35 0.00 | 25.34 1.32 0.00 | 27.99 1.73 0.00 | 27.92 1.61 0.00 | 28.52 1.74 0.00 | 30.33 1.72 0.00 | 30.65 1.79 0.00 | 31.07 1.84 0.00 | 32.98 1.90 0.00 | 36.55 2.17 0.00 | 40.23 2.67 0.03 | 41.38 2.82 0.03 | 40.06 2.76 -0.02 | 38.05 2.49 0.03 | 34.90 2.40 0.00 | 33.52 2.22 0.00 | 29.52 1.90 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 28.68 1.83 0.00 | 27.68 1.81 0.00 | 25.98 1.59 0.00 | 24.68 1.55 0.00 | 24.20 1.48 0.00 | 24.52 1.54 0.00 | 24.96 1.61 0.00 | 24.02 1.57 0.00 | 25.77 1.75 0.00 | 28.28 2.02 0.00 | 28.18 1.87 0.00 | 28.63 1.85 0.00 | 30.71 2.09 0.00 | 30.85 1.99 0.00 | 31.19 1.96 0.00 | 33.23 2.14 0.00 | 36.51 2.13 0.00 | 40.19 2.59 0.00 | 41.41 2.82 0.00 | 40.12 2.83 0.00 | 38.69 3.09 0.00 | 35.23 2.73 0.00 | 33.77 2.47 0.00 | 29.75 2.13 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 27.52 0.67 0.00 | 26.51 0.65 0.00 | 24.94 0.54 0.00 | 23.70 0.58 0.00 | 23.30 0.57 0.00 | 23.56 0.57 0.00 | 23.98 0.63 0.00 | 23.10 0.65 0.00 | 24.71 0.70 0.00 | 27.07 0.81 0.00 | 27.08 0.76 0.00 | 27.45 0.67 0.00 | 29.50 0.89 0.00 | 29.70 0.84 0.00 | 30.11 0.88 0.00 | 32.02 0.93 0.00 | 35.31 0.93 0.00 | 38.72 1.13 0.00 | 39.71 1.12 0.00 | 38.40 1.12 0.00 | 36.77 1.17 0.00 | 33.57 1.07 0.00 | 32.23 0.94 0.00 | 28.45 0.83 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 26.85 0.00 0.00 | 26.00 0.13 0.00 | 24.47 0.07 0.00 | 23.24 0.12 0.00 | 22.80 0.07 0.00 | 23.12 0.14 0.00 | 23.49 0.14 0.00 | 22.40 -0.04 0.00 | 24.02 0.00 0.00 | 26.47 0.21 0.00 | 26.55 0.24 0.00 | 27.13 0.35 0.00 | 28.87 0.26 0.00 | 29.18 0.32 0.00 | 29.55 0.32 0.00 | 31.36 0.28 0.00 | 34.93 0.55 0.00 | 38.31 0.71 0.00 | 39.25 0.66 0.00 | 37.92 0.63 0.00 | 36.05 0.46 0.00 | 32.73 0.23 0.00 | 31.73 0.44 0.00 | 27.95 0.33 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 28.36 1.50 0.00 | 27.24 1.37 0.00 | 25.57 1.17 0.00 | 24.21 1.09 0.00 | 23.82 1.09 0.00 | 24.08 1.10 0.00 | 24.49 1.14 0.00 | 23.68 1.23 0.00 | 25.43 1.42 0.00 | 27.97 1.71 0.00 | 28.10 1.79 0.00 | 28.50 1.71 0.00 | 30.71 2.09 0.00 | 30.97 2.11 0.00 | 31.45 2.22 0.00 | 33.48 2.39 0.00 | 37.03 2.65 0.00 | 40.30 2.71 0.00 | 41.41 2.82 0.00 | 39.97 2.68 0.00 | 37.98 2.38 0.00 | 34.81 2.31 0.00 | 33.42 2.13 0.00 | 29.55 1.93 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 28.54 1.69 0.00 | 27.42 1.55 0.00 | 25.69 1.29 0.00 | 24.33 1.20 0.00 | 23.96 1.23 0.00 | 24.25 1.26 0.00 | 24.63 1.28 0.00 | 23.88 1.44 0.00 | 25.65 1.63 0.00 | 28.23 1.97 0.00 | 28.34 2.03 0.00 | 28.71 1.93 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.75 2.51 0.00 | 33.76 2.67 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.72 3.13 0.00 | 40.27 2.98 0.00 | 38.19 2.60 0.00 | 35.07 2.57 0.00 | 33.67 2.38 0.00 | 29.77 2.15 0.00 |
| W50THST__13_KV_LOAD 356117 | 28.65 1.80 0.00 | 27.52 1.66 0.00 | 25.81 1.42 0.00 | 24.44 1.32 0.00 | 24.05 1.32 0.00 | 24.34 1.36 0.00 | 24.75 1.40 0.00 | 24.00 1.55 0.00 | 25.77 1.75 0.00 | 28.36 2.10 0.00 | 28.47 2.16 0.00 | 28.84 2.06 0.00 | 31.11 2.49 0.00 | 31.40 2.54 0.00 | 31.89 2.66 0.00 | 33.94 2.86 0.00 | 37.54 3.16 0.00 | 40.83 3.23 0.00 | 41.91 3.32 0.00 | 40.45 3.17 0.00 | 38.37 2.78 0.00 | 35.23 2.73 0.00 | 33.83 2.53 0.00 | 29.91 2.29 0.00 |
| WADING RIVER_IC_1 23522 | 30.89 1.96 -2.08 | 27.89 1.84 -0.18 | 26.47 1.71 -0.37 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.57 1.58 0.00 | 25.03 1.68 0.00 | 23.93 1.48 0.00 | 25.79 1.78 0.00 | 28.39 2.13 0.00 | 35.27 2.37 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.34 3.61 -3.35 | 42.14 3.76 -0.79 | 42.42 3.82 -0.01 | 40.64 3.36 0.00 | 38.54 2.95 0.00 | 37.45 3.15 -1.80 | 35.46 2.72 -1.44 | 34.39 2.43 -4.34 |
| WADING RIVER_IC_2 23547 | 30.89 1.96 -2.08 | 27.89 1.84 -0.18 | 26.47 1.71 -0.37 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.57 1.58 0.00 | 25.03 1.68 0.00 | 23.93 1.48 0.00 | 25.79 1.78 0.00 | 28.39 2.13 0.00 | 35.27 2.37 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.34 3.61 -3.35 | 42.14 3.76 -0.79 | 42.42 3.82 -0.01 | 40.64 3.36 0.00 | 38.54 2.95 0.00 | 37.45 3.15 -1.80 | 35.46 2.72 -1.44 | 34.39 2.43 -4.34 |
| WADING RIVER_IC_3 23601 | 30.89 1.96 -2.08 | 27.89 1.84 -0.18 | 26.47 1.71 -0.37 | 24.54 1.41 0.00 | 24.11 1.39 0.00 | 24.57 1.58 0.00 | 25.03 1.68 0.00 | 23.93 1.48 0.00 | 25.79 1.78 0.00 | 28.39 2.13 0.00 | 35.27 2.37 -6.59 | 36.28 2.38 -7.11 | 36.72 2.78 -5.32 | 37.33 2.86 -5.61 | 37.64 2.98 -5.43 | 37.96 3.20 -3.68 | 41.34 3.61 -3.35 | 42.14 3.76 -0.79 | 42.42 3.82 -0.01 | 40.64 3.36 0.00 | 38.54 2.95 0.00 | 37.45 3.15 -1.80 | 35.46 2.72 -1.44 | 34.39 2.43 -4.34 |
| WALDENNY_12_KV_BK2 80841 | 25.43 -1.42 0.00 | 24.39 -1.47 0.00 | 23.08 -1.32 0.00 | 21.95 -1.18 0.00 | 21.46 -1.27 0.00 | 21.63 -1.36 0.00 | 21.81 -1.54 0.00 | 21.28 -1.17 0.00 | 23.10 -0.91 0.00 | 25.00 -1.26 0.00 | 25.60 -0.71 0.00 | 26.62 -0.16 0.00 | 27.90 -0.72 0.00 | 28.31 -0.55 0.00 | 28.09 -1.14 0.00 | 30.00 -1.09 0.00 | 33.18 -1.20 0.00 | 35.55 -1.92 0.13 | 36.45 -2.01 0.13 | 34.78 -2.31 0.19 | 33.56 -1.89 0.14 | 31.00 -1.50 0.01 | 30.29 -1.00 0.00 | 26.93 -0.69 0.00 |
| WALDEN__HYDRO 24148 | 28.20 1.34 0.00 | 27.08 1.22 0.00 | 25.47 1.07 0.00 | 24.10 0.97 0.00 | 23.71 0.98 0.00 | 23.99 1.01 0.00 | 24.35 1.00 0.00 | 23.52 1.08 0.00 | 25.27 1.25 0.00 | 27.76 1.50 0.00 | 27.87 1.55 0.00 | 28.23 1.45 0.00 | 30.42 1.80 0.00 | 30.65 1.79 0.00 | 31.13 1.90 0.00 | 33.14 2.05 0.00 | 36.68 2.30 0.00 | 39.96 2.37 0.00 | 41.06 2.47 0.00 | 39.67 2.39 0.00 | 37.73 2.14 0.00 | 34.55 2.05 0.00 | 33.20 1.91 0.00 | 29.33 1.71 0.00 |
| WARRENSBURG____ 23737 | 29.00 2.15 0.00 | 27.99 2.12 0.00 | 26.25 1.85 0.00 | 24.93 1.80 0.00 | 24.43 1.71 0.00 | 24.78 1.79 0.00 | 25.22 1.87 0.00 | 24.29 1.84 0.00 | 26.13 2.11 0.00 | 28.70 2.44 0.00 | 28.42 2.11 0.00 | 28.92 2.14 0.00 | 30.99 2.37 0.00 | 30.97 2.11 0.00 | 31.28 2.05 0.00 | 33.35 2.27 0.00 | 36.58 2.20 0.00 | 40.42 2.82 0.00 | 41.91 3.32 0.00 | 40.68 3.39 0.00 | 39.44 3.85 0.00 | 35.91 3.41 0.00 | 34.33 3.03 0.00 | 30.16 2.54 0.00 |
| WATERSIDE____6 8 9 23538 | 28.57 1.72 0.00 | 27.44 1.58 0.00 | 25.72 1.32 0.00 | 24.35 1.23 0.00 | 23.96 1.23 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.63 1.61 0.00 | 28.20 1.94 0.00 | 28.31 2.00 0.00 | 28.68 1.90 0.00 | 30.94 2.32 0.00 | 31.26 2.40 0.00 | 31.75 2.51 0.00 | 33.79 2.70 0.00 | 37.34 2.96 0.00 | 40.60 3.01 0.00 | 41.68 3.09 0.00 | 40.23 2.95 0.00 | 38.12 2.53 0.00 | 35.10 2.60 0.00 | 33.77 2.47 0.00 | 29.86 2.24 0.00 |
| WATKINRD_115KV_LN8_ILLION 55919 | 26.99 0.13 0.00 | 26.00 0.13 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.82 0.09 0.00 | 23.05 0.07 0.00 | 23.42 0.07 0.00 | 22.58 0.13 0.00 | 24.16 0.14 0.00 | 26.47 0.21 0.00 | 26.53 0.21 0.00 | 27.00 0.21 0.00 | 28.87 0.26 0.00 | 29.15 0.29 0.00 | 29.52 0.29 0.00 | 31.36 0.28 0.00 | 34.69 0.31 0.00 | 38.01 0.41 0.00 | 39.02 0.42 0.00 | 37.66 0.37 0.00 | 35.91 0.32 0.00 | 32.79 0.29 0.00 | 31.55 0.25 0.00 | 27.87 0.25 0.00 |
| WATSON____69_KV_BK 1 55734 | 31.48 2.55 -2.08 | 28.43 2.38 -0.18 | 26.91 2.15 -0.37 | 24.95 1.83 0.00 | 24.55 1.82 0.00 | 24.89 1.91 0.00 | 25.24 1.89 0.00 | 24.26 1.82 0.00 | 26.25 2.23 0.00 | 28.96 2.70 0.00 | 35.82 2.92 -6.59 | 36.81 2.92 -7.11 | 37.32 3.38 -5.32 | 37.91 3.43 -5.61 | 38.23 3.57 -5.43 | 38.58 3.82 -3.68 | 41.93 4.23 -3.33 | 42.81 4.44 -0.78 | 43.11 4.52 -0.01 | 41.39 4.10 0.00 | 39.26 3.67 0.00 | 38.10 3.80 -1.80 | 36.18 3.44 -1.44 | 35.03 3.07 -4.34 |
| WDELAWARE__HYD 323627 | 28.30 1.45 0.00 | 27.18 1.32 0.00 | 25.64 1.24 0.00 | 24.24 1.11 0.00 | 23.82 1.09 0.00 | 24.08 1.10 0.00 | 24.47 1.12 0.00 | 23.57 1.12 0.00 | 25.31 1.30 0.00 | 27.81 1.55 0.00 | 27.92 1.61 0.00 | 28.31 1.53 0.00 | 30.45 1.83 0.00 | 30.71 1.85 0.00 | 31.19 1.96 0.00 | 33.20 2.11 0.00 | 36.79 2.41 0.00 | 40.15 2.56 0.00 | 41.25 2.66 0.00 | 39.82 2.54 0.00 | 37.87 2.28 0.00 | 34.68 2.18 0.00 | 33.30 2.00 0.00 | 29.41 1.79 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WEST BABYLON___IC 23714 | 31.40 2.47 -2.08 | 28.35 2.30 -0.18 | 26.82 2.05 -0.37 | 24.88 1.76 0.00 | 24.48 1.75 0.00 | 24.80 1.82 0.00 | 25.15 1.80 0.00 | 24.20 1.75 0.00 | 26.15 2.14 0.00 | 28.89 2.63 0.00 | 35.72 2.82 -6.59 | 36.68 2.79 -7.11 | 37.15 3.21 -5.32 | 37.74 3.26 -5.61 | 38.05 3.39 -5.43 | 38.40 3.64 -3.68 | 41.71 4.02 -3.30 | 42.62 4.25 -0.78 | 42.88 4.28 0.00 | 41.20 3.91 0.00 | 39.08 3.49 0.00 | 37.94 3.64 -1.80 | 36.09 3.35 -1.44 | 34.92 2.96 -4.34 |
| WEST CANADA___HYD 24049 | 26.96 0.11 0.00 | 25.97 0.10 0.00 | 24.52 0.12 0.00 | 23.22 0.09 0.00 | 22.82 0.09 0.00 | 23.07 0.09 0.00 | 23.47 0.12 0.00 | 22.58 0.14 0.00 | 24.16 0.14 0.00 | 26.42 0.16 0.00 | 26.47 0.16 0.00 | 26.94 0.16 0.00 | 28.82 0.20 0.00 | 29.07 0.20 0.00 | 29.44 0.21 0.00 | 31.30 0.22 0.00 | 34.62 0.24 0.00 | 37.86 0.27 0.00 | 38.86 0.27 0.00 | 37.55 0.26 0.00 | 35.84 0.25 0.00 | 32.76 0.26 0.00 | 31.52 0.22 0.00 | 27.81 0.19 0.00 |
| WESTERN_NY_WIND 24143 | 25.89 -0.97 0.00 | 24.91 -0.96 0.00 | 23.50 -0.90 0.00 | 22.29 -0.83 0.00 | 21.82 -0.91 0.00 | 22.04 -0.94 0.00 | 22.21 -1.14 0.00 | 21.62 -0.83 0.00 | 23.44 -0.58 0.00 | 25.34 -0.92 0.00 | 25.87 -0.45 0.00 | 26.81 0.03 0.00 | 28.10 -0.52 0.00 | 28.49 -0.38 0.00 | 28.33 -0.91 0.00 | 30.28 -0.81 0.00 | 33.49 -0.89 0.00 | 36.37 -1.09 0.14 | 37.45 -1.00 0.14 | 35.90 -1.19 0.19 | 34.65 -0.78 0.15 | 31.65 -0.85 0.01 | 30.79 -0.50 0.00 | 27.21 -0.41 0.00 |
| WESTOVER___LESR 323668 | 26.96 0.11 0.00 | 25.92 0.05 0.00 | 24.47 0.07 0.00 | 23.20 0.07 0.00 | 22.77 0.05 0.00 | 23.00 0.02 0.00 | 23.35 0.00 0.00 | 22.60 0.16 0.00 | 24.19 0.17 0.00 | 26.42 0.16 0.00 | 26.58 0.26 0.00 | 27.18 0.40 0.00 | 28.99 0.37 0.00 | 29.30 0.43 0.00 | 29.55 0.32 0.00 | 31.46 0.37 0.00 | 34.79 0.41 0.00 | 37.82 0.26 0.04 | 38.86 0.31 0.04 | 37.50 0.26 0.04 | 35.80 0.25 0.04 | 32.82 0.33 0.00 | 31.67 0.38 0.00 | 27.98 0.36 0.00 |
| WETHRSFD_WT_PWR 323626 | 25.35 -1.50 0.00 | 24.29 -1.58 0.00 | 23.01 -1.39 0.00 | 21.76 -1.36 0.00 | 21.43 -1.29 0.00 | 21.51 -1.47 0.00 | 21.71 -1.64 0.00 | 21.21 -1.23 0.00 | 22.91 -1.10 0.00 | 25.00 -1.26 0.00 | 25.42 -0.89 0.00 | 26.35 -0.43 0.00 | 27.79 -0.83 0.00 | 28.09 -0.78 0.00 | 27.95 -1.29 0.00 | 29.81 -1.28 0.00 | 33.00 -1.38 0.00 | 35.45 -2.03 0.12 | 36.39 -2.08 0.12 | 35.08 -2.01 0.19 | 33.57 -1.89 0.13 | 31.06 -1.43 0.01 | 30.26 -1.03 0.00 | 26.85 -0.77 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.47 1.07 0.00 | 24.12 0.99 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.89 1.63 0.00 | 27.97 1.66 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.85 1.99 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.86 2.48 0.00 | 40.11 2.52 0.00 | 41.22 2.62 0.00 | 39.78 2.50 0.00 | 37.80 2.21 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 28.25 1.40 0.00 | 27.13 1.27 0.00 | 25.47 1.07 0.00 | 24.12 0.99 0.00 | 23.73 1.00 0.00 | 24.02 1.03 0.00 | 24.40 1.05 0.00 | 23.61 1.17 0.00 | 25.34 1.32 0.00 | 27.89 1.63 0.00 | 27.97 1.66 0.00 | 28.36 1.58 0.00 | 30.56 1.95 0.00 | 30.85 1.99 0.00 | 31.31 2.08 0.00 | 33.32 2.24 0.00 | 36.86 2.48 0.00 | 40.11 2.52 0.00 | 41.22 2.62 0.00 | 39.78 2.50 0.00 | 37.80 2.21 0.00 | 34.65 2.15 0.00 | 33.30 2.00 0.00 | 29.41 1.80 0.00 |
| WHITEHAL_115KV_TB1 80871 | 29.59 2.74 0.00 | 28.56 2.69 0.00 | 26.72 2.32 0.00 | 25.39 2.27 0.00 | 24.89 2.16 0.00 | 25.21 2.23 0.00 | 25.68 2.33 0.00 | 24.69 2.24 0.00 | 26.56 2.55 0.00 | 29.28 3.02 0.00 | 29.03 2.71 0.00 | 29.54 2.76 0.00 | 31.62 3.00 0.00 | 31.63 2.77 0.00 | 31.92 2.69 0.00 | 34.07 2.98 0.00 | 37.30 2.92 0.00 | 41.36 3.76 0.00 | 42.88 4.28 0.00 | 41.68 4.40 0.00 | 40.50 4.91 0.00 | 36.82 4.32 0.00 | 35.14 3.85 0.00 | 30.82 3.20 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 28.68 1.83 0.00 | 27.55 1.68 0.00 | 25.84 1.44 0.00 | 24.44 1.32 0.00 | 24.07 1.34 0.00 | 24.36 1.38 0.00 | 24.75 1.40 0.00 | 24.00 1.55 0.00 | 25.77 1.75 0.00 | 28.39 2.13 0.00 | 28.50 2.18 0.00 | 28.84 2.06 0.00 | 31.08 2.46 0.00 | 31.37 2.51 0.00 | 31.89 2.66 0.00 | 33.94 2.86 0.00 | 37.58 3.20 0.00 | 40.87 3.27 0.00 | 42.03 3.43 0.00 | 40.53 3.24 0.00 | 38.47 2.88 0.00 | 35.36 2.86 0.00 | 33.92 2.63 0.00 | 29.97 2.35 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 31.11 2.18 -2.08 | 28.09 2.04 -0.18 | 26.60 1.83 -0.37 | 24.68 1.55 0.00 | 24.27 1.55 0.00 | 24.66 1.68 0.00 | 25.05 1.70 0.00 | 24.04 1.59 0.00 | 25.96 1.95 0.00 | 28.62 2.36 0.00 | 35.45 2.55 -6.59 | 36.44 2.54 -7.11 | 36.92 2.98 -5.32 | 37.51 3.03 -5.61 | 37.82 3.16 -5.43 | 38.15 3.39 -3.68 | 41.55 3.82 -3.35 | 42.40 4.02 -0.79 | 42.69 4.09 -0.01 | 40.94 3.65 0.00 | 38.79 3.20 0.00 | 37.68 3.38 -1.80 | 35.74 3.00 -1.44 | 34.64 2.68 -4.34 |
| WOODARD___115KV_TB2 355635 | 26.66 -0.19 0.00 | 25.66 -0.21 0.00 | 24.25 -0.15 0.00 | 22.99 -0.14 0.00 | 22.57 -0.16 0.00 | 22.82 -0.16 0.00 | 23.16 -0.19 0.00 | 22.38 -0.07 0.00 | 23.95 -0.07 0.00 | 26.08 -0.18 0.00 | 26.16 -0.16 0.00 | 26.70 -0.08 0.00 | 28.53 -0.09 0.00 | 28.78 -0.09 0.00 | 29.09 -0.15 0.00 | 30.93 -0.16 0.00 | 34.21 -0.17 0.00 | 37.33 -0.23 0.04 | 38.36 -0.19 0.04 | 37.05 -0.19 0.04 | 35.41 -0.14 0.04 | 32.30 -0.20 0.00 | 31.17 -0.13 0.00 | 27.45 -0.17 0.00 |
| YORK___WARBASSE 23770 | 28.65 1.80 0.00 | 27.50 1.63 0.00 | 25.76 1.37 0.00 | 24.37 1.25 0.00 | 23.98 1.25 0.00 | 24.22 1.24 0.00 | 24.61 1.26 0.00 | 23.86 1.41 0.00 | 25.65 1.63 0.00 | 28.26 2.00 0.00 | 28.37 2.05 0.00 | 28.76 1.98 0.00 | 31.05 2.43 0.00 | 31.35 2.48 0.00 | 31.89 2.66 0.00 | 33.91 2.83 0.00 | 37.44 3.06 0.00 | 40.68 3.08 0.00 | 41.76 3.16 0.00 | 40.30 3.02 0.00 | 38.19 2.60 0.00 | 35.23 2.73 0.00 | 33.89 2.60 0.00 | 29.99 2.38 0.00 |