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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ALBANY___2 23572 | 35.50 0.04 0.09 | 34.71 -0.10 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.45 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.61 0.00 0.18 | 32.82 0.00 0.38 | 30.77 0.03 0.25 | 29.93 0.09 0.19 | 29.89 0.18 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.03 -0.13 0.00 | 40.60 -0.25 0.00 | 37.76 -0.23 0.00 |
| ALBANY___3 23573 | 35.50 0.04 0.09 | 34.71 -0.10 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.45 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.61 0.00 0.18 | 32.82 0.00 0.38 | 30.77 0.03 0.25 | 29.93 0.09 0.19 | 29.89 0.18 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.03 -0.13 0.00 | 40.60 -0.25 0.00 | 37.76 -0.23 0.00 |
| ALBANY___4 23574 | 35.50 0.04 0.09 | 34.71 -0.10 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.45 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.61 0.00 0.18 | 32.82 0.00 0.38 | 30.77 0.03 0.25 | 29.93 0.09 0.19 | 29.89 0.18 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.03 -0.13 0.00 | 40.60 -0.25 0.00 | 37.76 -0.23 0.00 |
| ALBANY___LFGE 323615 | 35.77 0.32 0.10 | 35.06 0.25 0.00 | 34.77 0.24 0.00 | 34.30 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.72 0.08 0.00 | 33.80 0.20 0.20 | 32.94 0.17 0.42 | 30.93 0.22 0.28 | 30.12 0.30 0.21 | 30.05 0.36 0.21 | 32.13 0.41 0.00 | 37.73 0.48 0.00 | 52.66 0.42 0.00 | 67.90 0.41 0.00 | 68.87 0.48 0.00 | 50.56 0.30 0.00 | 43.46 0.30 0.00 | 41.13 0.29 0.00 | 38.14 0.15 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.01 0.48 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.31 0.47 0.00 | 51.26 0.71 0.00 | 70.92 0.77 0.00 | 51.02 0.60 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.56 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.50 0.26 0.00 | 52.92 0.68 0.00 | 68.58 1.08 0.00 | 69.55 1.16 0.00 | 51.16 0.90 0.00 | 43.89 0.73 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.01 0.48 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.31 0.47 0.00 | 51.26 0.71 0.00 | 70.92 0.77 0.00 | 51.02 0.60 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.56 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.50 0.26 0.00 | 52.92 0.68 0.00 | 68.58 1.08 0.00 | 69.55 1.16 0.00 | 51.16 0.90 0.00 | 43.89 0.73 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| ALCOA___DSASP 323711 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.05 0.52 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.31 0.46 0.00 | 51.26 0.71 0.00 | 70.92 0.77 0.00 | 51.02 0.61 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.57 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.51 0.26 0.00 | 52.92 0.68 0.00 | 68.57 1.08 0.00 | 69.55 1.16 0.00 | 51.16 0.91 0.00 | 43.85 0.69 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| ALLEGHENY___COGEN 23514 | 36.98 1.42 0.00 | 36.63 1.81 0.00 | 36.04 1.52 0.00 | 35.73 1.60 0.00 | 35.99 2.00 0.00 | 37.53 1.69 0.00 | 53.94 3.39 0.00 | 73.93 3.79 0.00 | 52.98 2.57 0.00 | 42.06 1.42 0.00 | 34.60 0.81 0.00 | 33.73 0.53 0.00 | 31.33 0.34 0.00 | 30.21 0.18 0.00 | 29.90 0.00 0.00 | 31.78 0.06 0.00 | 36.99 -0.26 0.00 | 53.34 1.10 0.00 | 70.33 2.83 0.00 | 71.32 2.94 0.00 | 52.62 2.36 0.00 | 45.01 1.85 0.00 | 42.27 1.43 0.00 | 39.88 1.90 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 35.93 0.43 0.06 | 35.13 0.31 0.00 | 34.91 0.38 0.00 | 34.47 0.34 0.00 | 34.26 0.27 0.00 | 36.20 0.36 0.00 | 50.85 0.30 0.00 | 70.78 0.63 0.00 | 50.66 0.25 0.00 | 40.96 0.33 0.00 | 34.09 0.41 0.11 | 33.37 0.40 0.23 | 31.28 0.43 0.15 | 30.40 0.48 0.11 | 30.33 0.54 0.11 | 32.29 0.57 0.00 | 37.91 0.67 0.00 | 52.87 0.63 0.00 | 68.10 0.61 0.00 | 69.00 0.62 0.00 | 50.71 0.45 0.00 | 43.55 0.39 0.00 | 41.17 0.33 0.00 | 38.29 0.30 0.00 |
| ALTONA_WT_PWR 323606 | 36.05 0.50 0.00 | 35.44 0.63 0.00 | 35.11 0.59 0.00 | 34.64 0.51 0.00 | 34.53 0.54 0.00 | 36.31 0.46 0.00 | 50.81 0.25 0.00 | 70.15 0.00 0.00 | 50.41 0.00 0.00 | 40.76 0.12 0.00 | 33.73 -0.07 0.00 | 33.17 -0.03 0.00 | 30.74 -0.25 0.00 | 29.76 -0.27 0.00 | 29.55 -0.36 0.00 | 31.43 -0.29 0.00 | 37.17 -0.07 0.00 | 52.40 0.16 0.00 | 68.37 0.88 0.00 | 69.41 1.03 0.00 | 51.11 0.85 0.00 | 43.76 0.60 0.00 | 41.66 0.82 0.00 | 38.71 0.72 0.00 |
| AMERICAN_REF_FUEL 24010 | 35.17 -0.39 0.00 | 35.09 0.28 0.00 | 34.60 0.07 0.00 | 34.43 0.31 0.00 | 34.70 0.71 0.00 | 35.74 -0.11 0.00 | 50.40 -0.15 0.00 | 68.26 -1.89 0.00 | 50.36 -0.05 0.00 | 41.00 0.36 0.00 | 34.10 0.30 0.00 | 33.33 0.13 0.00 | 30.81 -0.18 0.00 | 29.76 -0.27 0.00 | 29.49 -0.42 0.00 | 31.15 -0.57 0.00 | 35.27 -1.98 0.00 | 49.53 -2.72 0.00 | 64.39 -3.10 0.00 | 64.90 -3.49 0.00 | 48.35 -1.91 0.00 | 41.52 -1.64 0.00 | 39.21 -1.63 0.00 | 37.68 -0.31 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 35.84 0.28 0.00 | 35.79 0.97 0.00 | 35.22 0.69 0.00 | 35.08 0.95 0.00 | 35.35 1.36 0.00 | 36.81 0.97 0.00 | 52.47 1.92 0.00 | 71.34 1.19 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.01 1.21 0.00 | 34.26 1.06 0.00 | 31.77 0.78 0.00 | 30.69 0.66 0.00 | 30.32 0.42 0.00 | 32.03 0.32 0.00 | 36.54 -0.71 0.00 | 51.62 -0.62 0.00 | 67.70 0.20 0.00 | 68.39 0.00 0.00 | 50.56 0.30 0.00 | 43.24 0.09 0.00 | 40.76 -0.08 0.00 | 38.90 0.91 0.00 |
| ARTHUR KILL_GT_1 23520 | 38.11 2.28 -0.28 | 36.77 1.95 -0.01 | 36.36 1.83 -0.01 | 35.94 1.81 -0.01 | 35.73 1.73 -0.01 | 37.93 2.08 -0.01 | 52.07 1.52 0.00 | 72.67 2.53 0.00 | 51.77 1.36 0.00 | 42.79 2.15 0.00 | 36.66 2.33 -0.54 | 36.63 2.32 -1.11 | 33.95 2.23 -0.73 | 32.90 2.31 -0.56 | 32.83 2.36 -0.56 | 34.26 2.54 -0.01 | 40.23 2.98 -0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 45.06 1.90 0.00 | 42.72 1.88 0.00 | 40.16 2.17 -0.01 |
| ARTHUR_KILL_2 23512 | 38.00 2.17 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.84 1.71 -0.01 | 35.62 1.63 -0.01 | 37.82 1.97 -0.01 | 51.86 1.31 0.00 | 72.46 2.31 0.00 | 51.67 1.26 0.00 | 42.67 2.03 0.00 | 36.56 2.23 -0.54 | 36.53 2.22 -1.11 | 33.89 2.17 -0.73 | 32.78 2.19 -0.56 | 32.74 2.27 -0.56 | 34.13 2.41 -0.01 | 40.12 2.87 -0.01 | 54.65 2.40 0.00 | 70.06 2.56 0.00 | 71.05 2.66 0.00 | 51.96 1.71 0.00 | 45.05 1.90 0.00 | 43.21 2.37 0.00 | 40.12 2.13 -0.01 |
| ARTHUR_KILL_3 23513 | 37.60 1.78 -0.27 | 36.31 1.50 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.14 1.16 0.00 | 37.39 1.54 0.00 | 52.32 1.77 0.00 | 73.23 3.08 0.00 | 52.33 1.92 0.00 | 42.71 2.07 0.00 | 36.42 2.10 -0.53 | 36.42 2.13 -1.10 | 33.88 2.17 -0.72 | 32.83 2.25 -0.55 | 32.76 2.30 -0.55 | 34.10 2.38 0.00 | 40.07 2.83 0.00 | 54.96 2.72 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.32 2.06 0.00 | 45.10 1.94 0.00 | 42.92 2.08 0.00 | 39.77 1.79 0.00 |

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| ARTHUR_KILL_COGEN 323718 | 38.11 2.28 -0.28 | 36.81 1.98 -0.01 | 36.36 1.83 -0.01 | 35.94 1.81 -0.01 | 35.73 1.73 -0.01 | 37.93 2.08 -0.01 | 52.02 1.47 0.00 | 72.67 2.52 0.00 | 51.77 1.36 0.00 | 42.75 2.11 0.00 | 36.63 2.30 -0.54 | 36.59 2.29 -1.11 | 33.95 2.23 -0.73 | 32.87 2.28 -0.56 | 32.83 2.36 -0.56 | 34.23 2.50 -0.01 | 40.23 2.98 -0.01 | 54.80 2.56 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.12 1.86 0.00 | 45.14 1.99 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| ASHOKAN____ 23654 | 37.95 2.35 -0.04 | 35.96 1.15 0.00 | 35.60 1.07 0.00 | 35.18 1.06 0.00 | 34.90 0.92 0.00 | 37.21 1.36 0.00 | 52.52 1.97 0.00 | 73.02 2.88 0.00 | 51.37 0.96 0.00 | 40.96 0.32 0.00 | 34.04 0.14 -0.11 | 34.72 1.29 -0.22 | 32.60 1.46 -0.15 | 31.61 1.47 -0.11 | 31.63 1.61 -0.11 | 32.22 0.51 0.00 | 38.18 0.93 0.00 | 53.92 1.67 0.00 | 69.79 2.30 0.00 | 70.78 2.39 0.00 | 51.86 1.61 0.00 | 44.63 1.47 0.00 | 42.31 1.47 0.00 | 40.30 2.32 0.00 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 37.90 2.06 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.54 2.23 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.80 2.56 0.01 | 70.26 2.77 0.01 | 71.18 2.80 0.01 | 52.11 1.86 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 37.90 2.06 -0.28 | 36.63 1.81 -0.01 | 36.12 1.59 -0.01 | 35.70 1.57 -0.01 | 35.49 1.49 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.07 1.66 0.00 | 42.71 2.07 0.00 | 36.54 2.23 -0.52 | 36.51 2.22 -1.09 | 33.94 2.23 -0.71 | 32.88 2.31 -0.54 | 32.81 2.36 -0.55 | 34.18 2.48 0.01 | 40.14 2.91 0.01 | 54.74 2.51 0.01 | 70.19 2.70 0.01 | 71.18 2.80 0.01 | 52.11 1.86 0.01 | 45.23 2.07 0.00 | 43.33 2.49 0.00 | 40.01 2.01 -0.01 |
| ASTORIA_GT2_1 24094 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT2_2 24095 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT2_3 24096 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT2_4 24097 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT3_1 24098 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT3_2 24099 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT3_3 24100 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT3_4 24101 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT4_1 24102 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT4_2 24103 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT4_3 24104 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |

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| ASTORIA_GT4_4 24105 | 37.90 2.06 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.58 2.26 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.97 2.12 0.00 | 39.93 1.94 -0.01 |
| ASTORIA_GT_1 23523 | 37.97 2.13 -0.28 | 36.67 1.85 -0.01 | 36.23 1.69 -0.01 | 35.77 1.64 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.47 1.92 0.00 | 73.23 3.09 0.00 | 52.23 1.81 0.00 | 42.83 2.19 0.00 | 36.65 2.33 -0.52 | 36.61 2.32 -1.09 | 34.03 2.32 -0.71 | 32.91 2.34 -0.54 | 32.90 2.45 -0.55 | 34.28 2.57 0.01 | 40.25 3.02 0.01 | 54.91 2.66 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.05 2.21 0.00 | 40.01 2.01 -0.01 |
| ASTORIA_GT_10 24110 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.95 2.32 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.32 2.06 0.00 | 45.19 2.03 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| ASTORIA_GT_11 24225 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.95 2.32 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.32 2.06 0.00 | 45.19 2.03 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| ASTORIA_GT_12 24226 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.95 2.32 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.32 2.06 0.00 | 45.19 2.03 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| ASTORIA_GT_13 24227 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.95 2.32 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.32 2.06 0.00 | 45.19 2.03 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| ASTORIA_GT_5 24106 | 37.97 2.13 -0.28 | 36.67 1.85 -0.01 | 36.23 1.69 -0.01 | 35.77 1.64 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.47 1.92 0.00 | 73.23 3.09 0.00 | 52.23 1.81 0.00 | 42.83 2.19 0.00 | 36.65 2.33 -0.52 | 36.61 2.32 -1.09 | 34.03 2.32 -0.71 | 32.91 2.34 -0.54 | 32.90 2.45 -0.55 | 34.28 2.57 0.01 | 40.25 3.02 0.01 | 54.91 2.66 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.05 2.21 0.00 | 40.01 2.01 -0.01 |
| ASTORIA_GT_7 24107 | 37.97 2.13 -0.28 | 36.67 1.85 -0.01 | 36.23 1.69 -0.01 | 35.77 1.64 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.47 1.92 0.00 | 73.23 3.09 0.00 | 52.23 1.81 0.00 | 42.83 2.19 0.00 | 36.65 2.33 -0.52 | 36.61 2.32 -1.09 | 34.03 2.32 -0.71 | 32.91 2.34 -0.54 | 32.90 2.45 -0.55 | 34.28 2.57 0.01 | 40.25 3.02 0.01 | 54.91 2.66 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.05 2.21 0.00 | 40.01 2.01 -0.01 |
| ASTORIA_GT_8 24108 | 37.97 2.13 -0.28 | 36.67 1.85 -0.01 | 36.23 1.69 -0.01 | 35.77 1.64 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.47 1.92 0.00 | 73.23 3.09 0.00 | 52.23 1.81 0.00 | 42.83 2.19 0.00 | 36.65 2.33 -0.52 | 36.61 2.32 -1.09 | 34.03 2.32 -0.71 | 32.91 2.34 -0.54 | 32.90 2.45 -0.55 | 34.28 2.57 0.01 | 40.25 3.02 0.01 | 54.91 2.66 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.05 2.21 0.00 | 40.01 2.01 -0.01 |
| ASTORIA___2 24149 | 37.90 2.06 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.54 2.23 -0.52 | 36.55 2.26 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.80 2.56 0.01 | 70.26 2.77 0.01 | 71.18 2.80 0.01 | 52.11 1.86 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| ASTORIA___3 23516 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.28 1.87 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.46 2.97 0.00 | 71.47 3.08 0.00 | 52.32 2.06 0.00 | 45.31 2.16 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| ASTORIA___4 23517 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.95 2.32 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.32 2.06 0.00 | 45.19 2.03 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| ASTORIA___5 23518 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.28 1.87 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.46 2.97 0.00 | 71.47 3.08 0.00 | 52.32 2.06 0.00 | 45.31 2.16 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| AST_ENERGY_2_CC3 323677 | 29.30 1.71 7.96 | 28.60 1.46 7.68 | 27.16 1.24 8.61 | 27.16 1.23 8.19 | 27.16 1.16 7.98 | 28.64 1.54 8.75 | 34.78 1.26 17.03 | 49.35 2.24 23.04 | 30.10 1.16 21.47 | 27.65 1.67 14.65 | 29.86 1.89 5.83 | 29.86 1.89 5.23 | 29.86 1.92 3.05 | 29.86 2.01 2.18 | 29.86 2.06 2.11 | 29.86 2.16 4.01 | 29.86 2.57 9.95 | 37.61 2.04 16.67 | 54.91 2.02 14.61 | 55.91 2.12 14.59 | 36.57 1.36 15.04 | 30.85 1.64 13.95 | 32.30 2.12 10.66 | 32.30 1.67 7.36 |
| AST_ENERGY_2_CC4 323678 | 29.30 1.71 7.96 | 28.60 1.46 7.68 | 27.16 1.24 8.61 | 27.16 1.23 8.19 | 27.16 1.16 7.98 | 28.64 1.54 8.75 | 34.78 1.26 17.03 | 49.35 2.24 23.04 | 30.10 1.16 21.47 | 27.65 1.67 14.65 | 29.86 1.89 5.83 | 29.86 1.89 5.23 | 29.86 1.92 3.05 | 29.86 2.01 2.18 | 29.86 2.06 2.11 | 29.86 2.16 4.01 | 29.86 2.57 9.95 | 37.61 2.04 16.67 | 54.91 2.02 14.61 | 55.91 2.12 14.59 | 36.57 1.36 15.04 | 30.85 1.64 13.95 | 32.30 2.12 10.66 | 32.30 1.67 7.36 |

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| ATHENS_STG_1 23668 | 36.41 0.78 -0.08 | 35.44 0.63 0.00 | 35.18 0.65 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.52 0.68 0.00 | 51.26 0.71 0.00 | 71.41 1.26 0.00 | 51.12 0.71 0.00 | 41.40 0.77 0.00 | 34.75 0.81 -0.15 | 34.30 0.80 -0.31 | 32.06 0.87 -0.20 | 31.08 0.90 -0.15 | 31.02 0.96 -0.16 | 32.70 0.98 0.00 | 38.44 1.19 0.00 | 53.45 1.20 0.00 | 68.71 1.22 0.00 | 69.62 1.23 0.00 | 51.16 0.91 0.00 | 44.02 0.86 0.00 | 41.74 0.90 0.00 | 38.71 0.72 0.00 |
| ATHENS_STG_2 23670 | 36.41 0.78 -0.08 | 35.44 0.63 0.00 | 35.18 0.65 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.52 0.68 0.00 | 51.26 0.71 0.00 | 71.41 1.26 0.00 | 51.12 0.71 0.00 | 41.40 0.77 0.00 | 34.75 0.81 -0.15 | 34.30 0.80 -0.31 | 32.06 0.87 -0.20 | 31.08 0.90 -0.15 | 31.02 0.96 -0.16 | 32.70 0.98 0.00 | 38.44 1.19 0.00 | 53.45 1.20 0.00 | 68.71 1.22 0.00 | 69.62 1.23 0.00 | 51.16 0.91 0.00 | 44.02 0.86 0.00 | 41.74 0.90 0.00 | 38.71 0.72 0.00 |
| ATHENS_STG_3 23677 | 36.41 0.78 -0.08 | 35.44 0.63 0.00 | 35.18 0.65 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.52 0.68 0.00 | 51.26 0.71 0.00 | 71.41 1.26 0.00 | 51.12 0.71 0.00 | 41.40 0.77 0.00 | 34.75 0.81 -0.15 | 34.30 0.80 -0.31 | 32.06 0.87 -0.20 | 31.08 0.90 -0.15 | 31.02 0.96 -0.16 | 32.70 0.98 0.00 | 38.44 1.19 0.00 | 53.45 1.20 0.00 | 68.71 1.22 0.00 | 69.62 1.23 0.00 | 51.16 0.91 0.00 | 44.02 0.86 0.00 | 41.74 0.90 0.00 | 38.71 0.72 0.00 |
| AUBURN___LFGE 323710 | 35.52 -0.04 0.00 | 34.92 0.10 0.00 | 34.53 0.00 0.00 | 34.12 0.00 0.00 | 34.12 0.14 0.00 | 35.92 0.07 0.00 | 51.01 0.45 0.00 | 70.64 0.49 0.00 | 50.71 0.30 0.00 | 40.63 0.00 0.00 | 33.69 -0.10 0.00 | 33.03 -0.17 0.00 | 30.90 -0.09 0.00 | 29.88 -0.15 0.00 | 29.69 -0.21 0.00 | 31.49 -0.22 0.00 | 36.95 -0.30 0.00 | 52.19 -0.05 0.00 | 67.83 0.34 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 41.05 0.20 0.00 | 38.14 0.15 0.00 |
| BABYLON_RES_REC 323704 | 38.35 2.52 -0.27 | 36.94 2.12 0.00 | 36.36 1.83 0.00 | 35.83 1.71 0.00 | 35.52 1.53 0.00 | 37.85 2.01 0.00 | 50.93 0.40 0.03 | 65.13 1.12 6.14 | 48.91 0.20 1.71 | 42.14 1.50 0.00 | 36.46 2.13 -0.53 | 36.70 2.39 -1.11 | 33.92 2.20 -0.73 | 32.94 2.34 -0.56 | 32.98 2.51 -0.57 | 34.36 2.63 -0.02 | 40.31 3.05 -0.01 | 53.50 1.25 0.00 | 61.78 0.41 6.12 | 63.97 0.61 5.03 | 48.76 0.35 1.85 | 44.54 1.38 0.00 | 43.25 2.41 0.00 | 40.34 2.36 0.00 |
| BALL_HILL_WT_PWR 323825 | 35.74 0.18 0.00 | 35.58 0.76 0.00 | 35.05 0.52 0.00 | 34.91 0.79 0.00 | 35.17 1.19 0.00 | 36.52 0.68 0.00 | 51.86 1.31 0.00 | 70.43 0.28 0.00 | 51.62 1.21 0.00 | 41.85 1.22 0.00 | 34.67 0.88 0.00 | 33.93 0.73 0.00 | 31.46 0.47 0.00 | 30.39 0.36 0.00 | 30.08 0.18 0.00 | 31.75 0.03 0.00 | 36.20 -1.04 0.00 | 51.05 -1.20 0.00 | 66.69 -0.81 0.00 | 67.36 -1.02 0.00 | 49.85 -0.40 0.00 | 42.64 -0.52 0.00 | 40.23 -0.61 0.00 | 38.48 0.49 0.00 |
| BARON_WINDS___WT_PWR 323822 | 35.56 0.00 0.00 | 35.20 0.38 0.00 | 34.67 0.14 0.00 | 34.43 0.31 0.00 | 34.67 0.68 0.00 | 36.17 0.32 0.00 | 51.51 0.96 0.00 | 70.36 0.21 0.00 | 50.92 0.50 0.00 | 40.80 0.16 0.00 | 33.73 -0.07 0.00 | 33.03 -0.17 0.00 | 30.74 -0.25 0.00 | 29.70 -0.33 0.00 | 29.42 -0.48 0.00 | 31.08 -0.63 0.00 | 35.94 -1.30 0.00 | 51.31 -0.94 0.00 | 67.29 -0.20 0.00 | 67.91 -0.48 0.00 | 50.05 -0.20 0.00 | 42.81 -0.35 0.00 | 40.39 -0.45 0.00 | 38.33 0.34 0.00 |
| BARRETT_IC_1 23704 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_10 23701 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_11 23702 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_12 23703 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_2 23705 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_3 23706 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_4 23707 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_5 23708 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |

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|------------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| BARRETT_IC_6 23709 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_7 23710 | 38.28 2.45 -0.27 | 36.84 2.02 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.30 0.76 0.01 | 71.08 1.26 0.32 | 50.76 0.45 0.10 | 42.42 1.79 0.00 | 36.72 2.40 -0.53 | 36.80 2.49 -1.11 | 34.23 2.51 -0.73 | 33.11 2.52 -0.56 | 33.04 2.57 -0.57 | 34.37 2.60 -0.06 | 40.31 3.05 -0.01 | 54.23 1.99 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.36 1.21 0.10 | 44.41 1.25 0.00 | 41.94 1.10 0.00 | 39.96 1.98 0.00 |
| BARRETT_IC_8 23711 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT_IC_9 23700 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT___1 23545 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BARRETT___2 23546 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.36 1.83 0.00 | 35.90 1.77 0.00 | 35.58 1.60 0.00 | 37.89 2.04 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.32 | 50.76 0.45 0.10 | 42.34 1.71 0.00 | 36.62 2.30 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.02 2.43 -0.56 | 33.04 2.57 -0.57 | 34.41 2.63 -0.06 | 40.23 2.98 -0.01 | 54.23 1.98 0.00 | 68.79 1.62 0.32 | 70.03 1.91 0.27 | 51.31 1.16 0.10 | 45.01 1.85 0.00 | 43.13 2.29 0.00 | 40.19 2.20 0.00 |
| BATAVIA___115KV_TB1 55881 | 36.20 0.64 0.00 | 36.17 1.36 0.00 | 35.53 1.00 0.00 | 35.25 1.13 0.00 | 35.52 1.53 0.00 | 36.71 0.86 0.00 | 52.27 1.72 0.00 | 71.34 1.19 0.00 | 52.18 1.76 0.00 | 42.14 1.50 0.00 | 34.84 1.05 0.00 | 34.03 0.83 0.00 | 31.58 0.59 0.00 | 30.51 0.48 0.00 | 30.11 0.21 0.00 | 31.81 0.10 0.00 | 36.46 -0.78 0.00 | 51.67 -0.57 0.00 | 67.36 -0.13 0.00 | 68.11 -0.27 0.00 | 50.46 0.20 0.00 | 43.42 0.26 0.00 | 42.03 1.18 0.00 | 39.13 1.14 0.00 |
| BAYONEEC___CTG1 323682 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG10 323750 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG2 323683 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG3 323684 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG4 323685 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG5 323686 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG6 323687 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG7 323688 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| BAYONEEC___CTG8 323689 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BAYONEEC___CTG9 323749 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.31 1.32 0.00 | 37.53 1.69 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.95 2.23 -0.72 | 32.89 2.31 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.92 1.94 0.00 |
| BEACON___LESR 323632 | 35.99 0.53 0.10 | 35.24 0.42 0.00 | 34.94 0.42 0.00 | 34.53 0.41 0.00 | 34.29 0.31 0.00 | 36.31 0.46 0.00 | 50.95 0.40 0.00 | 71.06 0.91 0.00 | 50.81 0.40 0.00 | 40.96 0.32 0.00 | 33.93 0.34 0.20 | 33.08 0.30 0.41 | 31.06 0.34 0.27 | 30.18 0.36 0.21 | 30.11 0.42 0.21 | 32.22 0.51 0.00 | 37.88 0.63 0.00 | 52.98 0.73 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 50.91 0.65 0.00 | 43.76 0.60 0.00 | 41.41 0.57 0.00 | 38.37 0.38 0.00 |
| BEAVER RIVER___HYD 24048 | 36.12 0.57 0.00 | 35.30 0.49 0.00 | 35.05 0.52 0.00 | 34.53 0.41 0.00 | 34.50 0.51 0.00 | 36.42 0.57 0.00 | 51.76 1.21 0.00 | 72.04 1.89 0.00 | 51.12 0.71 0.00 | 40.80 0.16 0.00 | 33.73 -0.07 0.00 | 33.10 -0.10 0.00 | 30.87 -0.12 0.00 | 29.76 -0.27 0.00 | 29.63 -0.27 0.00 | 31.34 -0.38 0.00 | 37.02 -0.22 0.00 | 52.92 0.68 0.00 | 68.98 1.48 0.00 | 70.02 1.64 0.00 | 51.56 1.30 0.00 | 44.32 1.17 0.00 | 41.74 0.90 0.00 | 38.67 0.68 0.00 |
| BEEBEE_GT_13 23619 | 35.73 0.18 0.00 | 35.41 0.59 0.00 | 34.87 0.35 0.00 | 34.53 0.41 0.00 | 34.63 0.65 0.00 | 36.13 0.29 0.00 | 51.36 0.81 0.00 | 70.64 0.49 0.00 | 51.32 0.91 0.00 | 41.41 0.77 0.00 | 34.27 0.47 0.00 | 33.56 0.37 0.00 | 31.27 0.28 0.00 | 30.21 0.18 0.00 | 29.93 0.03 0.00 | 31.68 -0.03 0.00 | 36.69 -0.56 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.11 -0.27 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 38.15 2.31 -0.28 | 36.81 1.98 -0.01 | 36.36 1.83 -0.01 | 35.91 1.77 -0.01 | 35.69 1.70 -0.01 | 37.93 2.08 -0.01 | 52.47 1.92 0.00 | 73.37 3.23 0.00 | 52.43 2.02 0.00 | 43.11 2.48 0.00 | 36.87 2.53 -0.54 | 36.86 2.56 -1.11 | 34.20 2.48 -0.73 | 33.11 2.52 -0.56 | 33.07 2.60 -0.56 | 34.45 2.73 -0.01 | 40.49 3.24 -0.01 | 55.33 3.08 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.40 2.24 0.00 | 43.01 2.16 0.00 | 40.27 2.28 -0.01 |
| BETHLEHEM___GRP 23843 | 35.50 0.04 0.09 | 34.71 -0.10 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.45 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.61 0.00 0.18 | 32.82 0.00 0.38 | 30.77 0.03 0.25 | 29.93 0.09 0.19 | 29.89 0.18 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.03 -0.13 0.00 | 40.60 -0.25 0.00 | 37.76 -0.23 0.00 |
| BETHLEHEM___GS1 323560 | 35.50 0.04 0.09 | 34.75 -0.07 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.46 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.58 -0.03 0.18 | 32.78 -0.03 0.38 | 30.77 0.03 0.25 | 29.96 0.12 0.19 | 29.86 0.15 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.07 -0.09 0.00 | 40.80 -0.04 0.00 | 37.80 -0.19 0.00 |
| BETHLEHEM___GS2 323561 | 35.50 0.04 0.09 | 34.75 -0.07 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.46 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.58 -0.03 0.18 | 32.78 -0.03 0.38 | 30.77 0.03 0.25 | 29.96 0.12 0.19 | 29.86 0.15 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.07 -0.09 0.00 | 40.80 -0.04 0.00 | 37.80 -0.19 0.00 |
| BETHLEHEM___GS3 323562 | 35.50 0.04 0.09 | 34.75 -0.07 0.00 | 34.49 -0.03 0.00 | 34.06 -0.07 0.00 | 33.82 -0.17 0.00 | 35.77 -0.07 0.00 | 50.10 -0.46 0.00 | 69.87 -0.28 0.00 | 50.06 -0.35 0.00 | 40.43 -0.20 0.00 | 33.58 -0.03 0.18 | 32.78 -0.03 0.38 | 30.77 0.03 0.25 | 29.96 0.12 0.19 | 29.86 0.15 0.19 | 31.91 0.19 0.00 | 37.43 0.19 0.00 | 52.24 0.00 0.00 | 67.29 -0.20 0.00 | 68.25 -0.14 0.00 | 50.10 -0.15 0.00 | 43.07 -0.09 0.00 | 40.80 -0.04 0.00 | 37.80 -0.19 0.00 |
| BETHLEHEM___STEEL 23779 | 35.70 0.14 0.00 | 35.72 0.91 0.00 | 35.08 0.55 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.42 0.57 0.00 | 51.66 1.11 0.00 | 70.15 1.00 0.00 | 51.52 1.11 0.00 | 41.73 1.10 0.00 | 34.61 0.81 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.93 0.03 0.00 | 31.62 -0.10 0.00 | 36.09 -1.15 0.00 | 50.83 -1.41 0.00 | 66.35 -1.15 0.00 | 66.95 -1.44 0.00 | 49.60 -0.65 0.00 | 42.68 -0.47 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |
| BETHLHEM_115KV_TB1 79974 | 35.61 0.14 0.09 | 34.82 0.00 0.00 | 34.60 0.07 0.00 | 34.16 0.03 0.00 | 33.92 -0.07 0.00 | 35.88 0.04 0.00 | 50.25 -0.30 0.00 | 70.08 -0.07 0.00 | 50.21 -0.20 0.00 | 40.59 -0.04 0.00 | 33.72 0.10 0.17 | 32.94 0.10 0.36 | 30.88 0.12 0.24 | 30.06 0.21 0.18 | 29.99 0.27 0.18 | 32.00 0.29 0.00 | 37.54 0.30 0.00 | 52.40 0.16 0.00 | 67.50 0.00 0.00 | 68.45 0.07 0.00 | 50.25 0.00 0.00 | 43.16 0.00 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| BETHPAGE_CC_5 323564 | 38.17 2.35 -0.27 | 36.83 2.02 0.00 | 36.25 1.73 0.00 | 35.80 1.67 0.00 | 35.48 1.49 0.00 | 37.67 1.83 0.00 | 50.88 0.36 0.02 | 65.36 1.05 5.84 | 49.11 0.30 1.61 | 42.10 1.46 0.00 | 36.46 2.13 -0.53 | 36.74 2.42 -1.11 | 33.95 2.23 -0.73 | 32.96 2.37 -0.56 | 32.98 2.51 -0.57 | 34.33 2.60 -0.02 | 40.24 2.98 -0.01 | 53.92 1.67 0.00 | 63.02 1.35 5.83 | 65.18 1.57 4.78 | 49.35 0.85 1.76 | 44.80 1.64 0.00 | 43.05 2.20 0.00 | 40.23 2.24 0.00 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 35.66 0.11 0.00 | 35.69 0.87 0.00 | 35.04 0.52 0.00 | 34.84 0.72 0.00 | 35.14 1.16 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 70.22 0.07 0.00 | 51.52 1.11 0.00 | 41.73 1.10 0.00 | 34.57 0.78 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.93 0.03 0.00 | 31.62 -0.10 0.00 | 36.13 -1.12 0.00 | 50.89 -1.36 0.00 | 66.42 -1.08 0.00 | 67.09 -1.30 0.00 | 49.65 -0.60 0.00 | 42.73 -0.43 0.00 | 41.45 0.61 0.00 | 38.67 0.68 0.00 |
| BINGHAMTON___COGEN 23790 | 35.87 0.28 -0.03 | 35.27 0.45 0.00 | 34.87 0.35 0.00 | 34.50 0.38 0.00 | 34.50 0.51 0.00 | 36.27 0.43 0.00 | 51.46 0.91 0.00 | 70.99 0.84 0.00 | 51.07 0.66 0.00 | 41.08 0.45 0.00 | 34.12 0.27 -0.05 | 33.55 0.23 -0.11 | 31.31 0.25 -0.07 | 30.30 0.21 -0.06 | 30.08 0.12 -0.06 | 31.81 0.10 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.86 0.48 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.25 0.41 0.00 | 38.44 0.46 0.00 |

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| BIXINCNT_115KV_LOAD 355685 | 35.45 -0.11 0.00 | 35.48 0.66 0.00 | 34.84 0.31 0.00 | 34.67 0.55 0.00 | 34.97 0.99 0.00 | 36.35 0.50 0.00 | 51.92 1.36 0.00 | 70.57 0.42 0.00 | 51.57 1.16 0.00 | 41.61 0.98 0.00 | 34.37 0.57 0.00 | 33.60 0.40 0.00 | 31.33 0.34 0.00 | 30.27 0.24 0.00 | 29.75 -0.15 0.00 | 31.40 -0.32 0.00 | 35.94 -1.30 0.00 | 50.83 -1.41 0.00 | 66.82 -0.67 0.00 | 67.57 -0.82 0.00 | 49.90 -0.35 0.00 | 42.77 -0.39 0.00 | 41.33 0.49 0.00 | 38.52 0.53 0.00 |
| BLACK RIVER___HYD 24047 | 36.48 0.92 0.00 | 35.65 0.83 0.00 | 35.39 0.86 0.00 | 34.87 0.75 0.00 | 34.87 0.88 0.00 | 36.92 1.07 0.00 | 52.58 2.02 0.00 | 73.31 3.16 0.00 | 51.92 1.51 0.00 | 41.20 0.57 0.00 | 34.03 0.24 0.00 | 33.30 0.10 0.00 | 31.05 0.06 0.00 | 29.88 -0.15 0.00 | 29.78 -0.12 0.00 | 31.53 -0.19 0.00 | 37.28 0.04 0.00 | 53.50 1.25 0.00 | 70.06 2.56 0.00 | 71.12 2.74 0.00 | 52.27 2.01 0.00 | 44.89 1.73 0.00 | 42.19 1.35 0.00 | 39.12 1.14 0.00 |
| BLACKRVR_115KV_TB2 79977 | 36.48 0.92 0.00 | 35.65 0.84 0.00 | 35.39 0.86 0.00 | 34.87 0.75 0.00 | 34.87 0.88 0.00 | 36.99 1.15 0.00 | 52.57 2.02 0.00 | 73.30 3.16 0.00 | 51.92 1.51 0.00 | 41.20 0.57 0.00 | 34.03 0.24 0.00 | 33.30 0.10 0.00 | 31.05 0.06 0.00 | 29.88 -0.15 0.00 | 29.75 -0.15 0.00 | 31.52 -0.19 0.00 | 37.28 0.04 0.00 | 53.50 1.25 0.00 | 70.06 2.56 0.00 | 71.12 2.74 0.00 | 52.27 2.01 0.00 | 44.93 1.77 0.00 | 42.31 1.47 0.00 | 39.13 1.14 0.00 |
| BLDWN_LI_69_KV_BK4 356085 | 38.39 2.56 -0.27 | 36.94 2.12 0.00 | 36.46 1.93 0.00 | 35.97 1.84 0.00 | 35.68 1.70 0.00 | 37.96 2.11 0.00 | 51.50 0.96 0.01 | 69.16 1.75 2.74 | 50.44 0.86 0.83 | 42.54 1.91 0.00 | 36.83 2.50 -0.53 | 36.94 2.62 -1.11 | 34.32 2.60 -0.73 | 33.21 2.61 -0.56 | 33.17 2.69 -0.57 | 34.54 2.79 -0.03 | 40.50 3.24 -0.01 | 54.54 2.30 0.00 | 66.99 2.23 2.74 | 68.60 2.46 2.25 | 50.93 1.51 0.83 | 44.62 1.47 0.00 | 42.19 1.35 0.00 | 40.15 2.17 0.00 |
| BLISS_WT_PWR 323608 | 35.42 -0.14 0.00 | 35.30 0.49 0.00 | 34.73 0.21 0.00 | 34.64 0.51 0.00 | 34.94 0.95 0.00 | 36.38 0.54 0.00 | 51.92 1.37 0.00 | 70.57 0.42 0.00 | 51.57 1.16 0.00 | 41.69 1.05 0.00 | 34.44 0.64 0.00 | 33.66 0.46 0.00 | 31.30 0.31 0.00 | 30.21 0.18 0.00 | 29.81 -0.09 0.00 | 31.43 -0.29 0.00 | 35.90 -1.34 0.00 | 50.73 -1.52 0.00 | 66.82 -0.67 0.00 | 67.57 -0.82 0.00 | 49.91 -0.35 0.00 | 42.60 -0.56 0.00 | 40.15 -0.69 0.00 | 38.25 0.27 0.00 |
| BLUESTONE___WT_PWR 323821 | 37.02 1.32 -0.15 | 35.93 1.11 0.00 | 35.63 1.10 0.00 | 35.18 1.06 0.00 | 35.00 1.02 0.00 | 37.17 1.33 0.00 | 52.58 2.02 0.00 | 73.38 3.23 0.00 | 51.98 1.56 0.00 | 41.65 1.02 0.00 | 34.92 0.85 -0.28 | 34.45 0.66 -0.59 | 32.12 0.74 -0.39 | 30.90 0.57 -0.30 | 30.80 0.60 -0.30 | 32.29 0.57 0.00 | 38.14 0.89 0.00 | 55.95 3.71 0.00 | 72.56 5.06 0.00 | 73.58 5.19 0.00 | 53.82 3.57 0.00 | 44.89 1.73 0.00 | 42.64 1.80 0.00 | 39.54 1.56 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 36.14 0.64 0.05 | 35.30 0.49 0.00 | 35.11 0.59 0.00 | 34.67 0.55 0.00 | 34.46 0.48 0.00 | 36.53 0.68 0.00 | 51.31 0.76 0.00 | 71.34 1.19 0.00 | 50.87 0.45 0.00 | 40.88 0.24 0.00 | 34.02 0.30 0.08 | 33.29 0.27 0.17 | 31.16 0.28 0.11 | 30.24 0.30 0.09 | 30.21 0.39 0.09 | 32.10 0.38 0.00 | 37.80 0.56 0.00 | 52.98 0.73 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 50.96 0.70 0.00 | 43.76 0.60 0.00 | 41.33 0.49 0.00 | 38.48 0.49 0.00 |
| BOC_GAS_DRP 24189 | 35.89 0.39 0.06 | 35.09 0.28 0.00 | 34.87 0.35 0.00 | 34.43 0.31 0.00 | 34.22 0.24 0.00 | 36.17 0.32 0.00 | 50.80 0.25 0.00 | 70.71 0.56 0.00 | 50.66 0.25 0.00 | 40.96 0.33 0.11 | 34.09 0.41 0.23 | 33.37 0.40 0.15 | 31.28 0.43 0.15 | 30.40 0.48 0.11 | 30.33 0.54 0.11 | 32.29 0.57 0.00 | 37.91 0.67 0.00 | 52.82 0.57 0.00 | 68.04 0.54 0.00 | 68.93 0.55 0.00 | 50.66 0.40 0.00 | 43.50 0.35 0.00 | 41.13 0.29 0.00 | 38.25 0.27 0.00 |
| BOONVILLE_115KV_TB1 79983 | 36.16 0.60 0.00 | 35.34 0.52 0.00 | 35.08 0.55 0.00 | 34.60 0.48 0.00 | 34.56 0.58 0.00 | 36.60 0.75 0.00 | 51.81 1.26 0.00 | 72.11 1.96 0.00 | 51.32 0.91 0.00 | 41.08 0.45 0.00 | 34.07 0.27 0.00 | 33.37 0.17 0.00 | 31.18 0.19 0.00 | 30.06 0.03 0.00 | 29.96 0.06 0.00 | 31.75 0.03 0.00 | 37.43 0.19 0.00 | 53.19 0.94 0.00 | 69.18 1.69 0.00 | 70.10 1.71 0.00 | 51.51 1.26 0.00 | 44.19 1.04 0.00 | 41.74 0.90 0.00 | 38.71 0.72 0.00 |
| BORALEX_4TH_BRANCH 23824 | 36.17 0.85 0.24 | 35.51 0.70 0.00 | 35.25 0.73 0.00 | 34.84 0.72 0.00 | 34.63 0.65 0.00 | 36.71 0.86 0.00 | 51.61 1.06 0.00 | 72.11 1.96 0.00 | 51.52 1.11 0.00 | 41.69 1.06 0.00 | 34.34 1.01 0.47 | 33.21 1.00 0.98 | 31.34 0.99 0.65 | 30.59 1.05 0.49 | 30.54 1.14 0.50 | 32.95 1.24 0.00 | 38.81 1.56 0.00 | 54.02 1.78 0.00 | 69.59 2.09 0.00 | 70.44 2.05 0.00 | 51.56 1.31 0.00 | 44.32 1.17 0.00 | 41.82 0.98 0.00 | 38.82 0.84 0.00 |
| BOWLINE___1 23526 | 37.34 1.56 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.22 1.67 0.00 | 72.88 2.73 0.00 | 52.03 1.61 0.00 | 42.30 1.67 0.00 | 35.89 1.66 -0.44 | 35.77 1.66 -0.91 | 33.32 1.73 -0.60 | 32.29 1.80 -0.46 | 32.22 1.85 -0.46 | 33.65 1.93 0.00 | 39.55 2.31 0.00 | 54.65 2.40 0.00 | 70.33 2.83 0.00 | 71.32 2.94 0.00 | 52.16 1.91 0.00 | 44.89 1.73 0.00 | 42.64 1.80 0.00 | 39.54 1.56 0.00 |
| BOWLINE___2 23595 | 37.34 1.56 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.22 1.67 0.00 | 72.88 2.73 0.00 | 52.03 1.61 0.00 | 42.30 1.67 0.00 | 35.89 1.66 -0.44 | 35.77 1.66 -0.91 | 33.32 1.73 -0.60 | 32.26 1.77 -0.46 | 32.22 1.85 -0.46 | 33.65 1.93 0.00 | 39.55 2.31 0.00 | 54.65 2.40 0.00 | 70.33 2.83 0.00 | 71.32 2.94 0.00 | 52.12 1.86 0.00 | 44.89 1.73 0.00 | 42.64 1.80 0.00 | 39.51 1.52 0.00 |
| BRADY___115KV_TB2 356060 | 36.37 0.82 0.00 | 35.69 0.87 0.00 | 35.36 0.83 0.00 | 34.87 0.75 0.00 | 34.80 0.82 0.00 | 36.74 0.90 0.00 | 51.87 1.31 0.00 | 71.83 1.68 0.00 | 51.42 1.01 0.00 | 41.24 0.61 0.00 | 34.20 0.41 0.00 | 33.63 0.43 0.00 | 31.21 0.22 0.00 | 30.21 0.18 0.00 | 30.02 0.12 0.00 | 31.91 0.19 0.00 | 37.65 0.41 0.00 | 53.39 1.15 0.00 | 69.32 1.82 0.00 | 70.37 1.98 0.00 | 51.86 1.61 0.00 | 44.45 1.29 0.00 | 41.90 1.06 0.00 | 38.86 0.87 0.00 |
| BRANSCOMB___SOLAR 323811 | 36.39 0.96 0.12 | 35.72 0.90 0.00 | 35.42 0.90 0.00 | 35.05 0.92 0.00 | 34.84 0.85 0.00 | 36.92 1.07 0.00 | 52.02 1.47 0.00 | 72.39 2.24 0.00 | 51.62 1.21 0.00 | 41.28 0.65 0.24 | 33.99 0.44 0.50 | 33.10 0.40 0.33 | 31.01 0.34 0.33 | 30.14 0.36 0.25 | 30.07 0.42 0.25 | 32.25 0.54 0.00 | 38.03 0.78 0.00 | 53.50 1.25 0.00 | 69.38 1.89 0.00 | 70.51 2.12 0.00 | 51.71 1.46 0.00 | 44.45 1.29 0.00 | 41.98 1.14 0.00 | 38.90 0.91 0.00 |
| BRDGHMPT_69_KV_BK1 55812 | 37.89 2.06 -0.27 | 36.35 1.53 0.00 | 35.84 1.31 0.00 | 35.35 1.23 0.00 | 35.01 1.02 0.00 | 37.39 1.54 0.00 | 49.92 -0.61 0.02 | 65.10 -0.63 4.41 | 48.02 -0.91 1.48 | 41.37 0.73 0.00 | 36.08 1.76 -0.53 | 36.24 1.93 -1.11 | 33.58 1.86 -0.73 | 32.54 1.95 -0.56 | 32.53 2.06 -0.57 | 33.98 2.25 -0.01 | 39.56 2.31 -0.01 | 52.92 0.68 0.00 | 62.75 -0.34 4.40 | 64.77 0.00 3.61 | 48.67 -0.25 1.33 | 43.33 0.17 0.00 | 40.96 0.12 0.00 | 39.35 1.37 0.00 |

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| BRENTWOD_69_KV_W. BRTWOOD 56703 | 38.39 2.56 -0.27 | 36.87 2.05 0.00 | 36.36 1.83 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.89 2.04 0.00 | 50.98 0.45 0.03 | 65.30 0.98 5.83 | 48.94 0.25 1.72 | 42.26 1.63 0.00 | 36.69 2.37 -0.53 | 36.80 2.49 -1.11 | 34.13 2.42 -0.73 | 33.05 2.46 -0.56 | 33.01 2.54 -0.57 | 34.46 2.73 -0.01 | 40.31 3.05 -0.01 | 53.76 1.52 0.00 | 62.82 1.15 5.82 | 64.98 1.37 4.78 | 49.20 0.70 1.76 | 43.98 0.82 0.00 | 41.74 0.90 0.00 | 39.92 1.94 0.00 |
| BRISTLHL_115KV_TB1 79998 | 34.99 -0.57 0.00 | 34.33 -0.49 0.00 | 33.97 -0.55 0.00 | 33.61 -0.51 0.00 | 33.54 -0.44 0.00 | 35.31 -0.54 0.00 | 50.00 -0.56 0.00 | 69.31 -0.84 0.00 | 49.81 -0.60 0.00 | 40.03 -0.61 0.00 | 33.25 -0.54 0.00 | 32.60 -0.60 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.37 -0.54 0.00 | 31.14 -0.57 0.00 | 36.54 -0.71 0.00 | 51.36 -0.89 0.00 | 66.42 -1.08 0.00 | 67.22 -1.16 0.00 | 49.45 -0.80 0.00 | 42.47 -0.69 0.00 | 40.27 -0.57 0.00 | 37.49 -0.49 0.00 |
| BROOKHAVEN___DRP 24191 | 38.03 2.20 -0.27 | 36.49 1.67 0.00 | 35.98 1.45 0.00 | 35.52 1.40 0.00 | 35.18 1.19 0.00 | 37.53 1.68 0.00 | 50.38 -0.15 0.02 | 65.67 -0.14 4.34 | 48.49 -0.45 1.47 | 41.81 1.18 0.00 | 36.32 1.99 -0.53 | 36.44 2.12 -1.11 | 33.79 2.08 -0.73 | 32.72 2.13 -0.56 | 32.68 2.21 -0.57 | 34.11 2.38 -0.01 | 39.79 2.53 -0.01 | 53.03 0.78 0.00 | 63.10 -0.07 4.33 | 65.04 0.21 3.55 | 48.89 -0.05 1.31 | 43.54 0.39 0.00 | 41.29 0.45 0.00 | 39.47 1.48 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 37.67 1.85 -0.27 | 36.38 1.57 0.00 | 35.87 1.35 0.00 | 35.45 1.33 0.00 | 35.21 1.22 0.00 | 37.49 1.65 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.49 2.16 -0.53 | 36.49 2.19 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.79 2.33 -0.55 | 34.12 2.41 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 52.46 2.21 0.00 | 45.23 2.07 0.00 | 43.05 2.20 0.00 | 39.88 1.90 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| BROOME_2_LFGE 323671 | 35.87 0.28 -0.03 | 35.24 0.42 0.00 | 34.84 0.31 0.00 | 34.50 0.38 0.00 | 34.50 0.51 0.00 | 36.28 0.43 0.00 | 51.46 0.91 0.00 | 70.99 0.84 0.00 | 51.07 0.65 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.55 0.23 -0.11 | 31.31 0.25 -0.07 | 30.30 0.21 -0.06 | 30.11 0.15 -0.06 | 31.84 0.13 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.87 0.48 0.00 | 50.61 0.35 0.00 | 43.37 0.22 0.00 | 41.01 0.16 0.00 | 38.37 0.38 0.00 |
| BROOME___LFGE 323600 | 35.87 0.28 -0.03 | 35.24 0.42 0.00 | 34.84 0.31 0.00 | 34.50 0.38 0.00 | 34.50 0.51 0.00 | 36.28 0.43 0.00 | 51.46 0.91 0.00 | 70.99 0.84 0.00 | 51.07 0.65 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.55 0.23 -0.11 | 31.31 0.25 -0.07 | 30.30 0.21 -0.06 | 30.11 0.15 -0.06 | 31.84 0.13 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.87 0.48 0.00 | 50.61 0.35 0.00 | 43.37 0.22 0.00 | 41.01 0.16 0.00 | 38.37 0.38 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.53 0.68 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.37 1.21 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 38.00 2.17 -0.27 | 36.66 1.85 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.78 1.94 0.00 | 52.93 2.38 0.00 | 74.01 3.86 0.00 | 52.93 2.52 0.00 | 43.19 2.56 0.00 | 36.82 2.50 -0.53 | 36.79 2.49 -1.10 | 34.19 2.48 -0.72 | 33.07 2.49 -0.55 | 33.06 2.60 -0.55 | 34.44 2.73 0.00 | 40.45 3.20 0.00 | 55.59 3.34 0.00 | 71.41 3.91 0.00 | 72.42 4.03 0.00 | 52.97 2.71 0.00 | 45.49 2.33 0.00 | 43.01 2.16 0.00 | 40.15 2.17 0.00 |
| BURROWS___LYONSDAL 23803 | 36.09 0.53 0.00 | 35.30 0.49 0.00 | 35.04 0.52 0.00 | 34.57 0.44 0.00 | 34.50 0.51 0.00 | 36.53 0.68 0.00 | 51.71 1.16 0.00 | 72.04 1.89 0.00 | 51.22 0.81 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.27 0.07 0.00 | 31.05 0.06 0.00 | 29.94 -0.09 0.00 | 29.84 -0.06 0.00 | 31.59 -0.13 0.00 | 37.28 0.04 0.00 | 53.08 0.84 0.00 | 69.05 1.55 0.00 | 70.03 1.64 0.00 | 51.46 1.21 0.00 | 44.19 1.04 0.00 | 41.70 0.86 0.00 | 38.63 0.65 0.00 |
| CAITHNESS_CC_1 323624 | 38.07 2.24 -0.27 | 36.59 1.77 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.21 1.22 0.00 | 37.57 1.72 0.00 | 50.12 -0.41 0.02 | 65.60 -0.28 4.26 | 48.45 -0.50 1.46 | 41.57 0.94 0.00 | 36.01 1.69 -0.53 | 36.24 1.92 -1.11 | 33.48 1.77 -0.73 | 32.51 1.92 -0.56 | 32.53 2.06 -0.57 | 33.91 2.19 -0.01 | 39.86 2.61 -0.01 | 53.08 0.83 0.00 | 63.24 0.00 4.26 | 65.10 0.21 3.49 | 48.96 0.00 1.29 | 44.45 1.29 0.00 | 42.92 2.08 0.00 | 40.07 2.09 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 38.28 2.45 -0.27 | 36.80 1.98 0.00 | 36.32 1.80 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.67 1.83 0.00 | 51.03 0.51 0.02 | 65.63 1.19 5.71 | 49.34 0.45 1.53 | 42.26 1.63 0.00 | 36.66 2.33 -0.53 | 36.84 2.52 -1.11 | 34.23 2.51 -0.73 | 33.15 2.55 -0.56 | 33.07 2.60 -0.57 | 34.46 2.73 -0.02 | 40.35 3.09 -0.01 | 54.07 1.83 0.00 | 63.35 1.55 5.70 | 65.49 1.78 4.68 | 49.54 1.01 1.72 | 44.19 1.04 0.00 | 41.86 1.02 0.00 | 40.00 2.01 0.00 |
| CALPINE_BETH_PAGE_GT_4 323586 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.32 1.79 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.71 1.86 0.00 | 50.98 0.45 0.02 | 65.70 1.26 5.71 | 49.29 0.40 1.53 | 42.14 1.50 0.00 | 36.49 2.16 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.03 2.43 -0.56 | 33.05 2.57 -0.57 | 34.43 2.69 -0.02 | 40.34 3.09 -0.01 | 54.07 1.83 0.00 | 63.35 1.55 5.70 | 65.48 1.78 4.68 | 49.54 1.00 1.72 | 44.89 1.73 0.00 | 43.13 2.29 0.00 | 40.34 2.36 0.00 |
| CALPINE_BP_GT1 23823 | 38.28 2.45 -0.27 | 36.91 2.09 0.00 | 36.32 1.79 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.71 1.86 0.00 | 50.98 0.45 0.02 | 65.70 1.26 5.71 | 49.29 0.40 1.53 | 42.14 1.50 0.00 | 36.49 2.16 -0.53 | 36.80 2.49 -1.11 | 34.04 2.33 -0.73 | 33.03 2.43 -0.56 | 33.05 2.57 -0.57 | 34.43 2.69 -0.02 | 40.34 3.09 -0.01 | 54.07 1.83 0.00 | 63.35 1.55 5.70 | 65.48 1.78 4.68 | 49.54 1.00 1.72 | 44.89 1.73 0.00 | 43.13 2.29 0.00 | 40.34 2.36 0.00 |
| CALSPAN___DRP 24200 | 35.70 0.14 0.00 | 35.72 0.91 0.00 | 35.08 0.55 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.42 0.57 0.00 | 51.66 1.11 0.00 | 70.15 0.00 0.00 | 51.52 1.11 0.00 | 41.73 1.10 0.00 | 34.61 0.81 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.93 0.03 0.00 | 31.62 -0.10 0.00 | 36.09 -1.15 0.00 | 50.83 -1.41 0.00 | 66.35 -1.15 0.00 | 66.95 -1.44 0.00 | 49.60 -0.65 0.00 | 42.68 -0.47 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |

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| CALVERTON___SOLAR 323806 | 38.00 2.17 -0.27 | 36.56 1.74 0.00 | 35.94 1.42 0.00 | 35.49 1.37 0.00 | 35.14 1.16 0.00 | 37.53 1.69 0.00 | 50.03 -0.51 0.02 | 65.36 -0.42 4.37 | 48.33 -0.60 1.48 | 41.40 0.77 0.00 | 35.91 1.59 -0.53 | 36.14 1.82 -1.11 | 33.36 1.64 -0.73 | 32.42 1.83 -0.56 | 32.44 1.97 -0.57 | 33.85 2.13 -0.01 | 39.79 2.53 -0.01 | 53.03 0.78 0.00 | 63.07 -0.07 4.36 | 64.94 0.14 3.58 | 48.88 -0.05 1.32 | 44.41 1.25 0.00 | 42.88 2.04 0.00 | 40.00 2.01 0.00 |
| CANDIGU_WT_PWR 323617 | 35.56 0.00 0.00 | 35.20 0.38 0.00 | 34.67 0.14 0.00 | 34.43 0.31 0.00 | 34.67 0.68 0.00 | 36.17 0.32 0.00 | 51.51 0.96 0.00 | 70.36 0.21 0.00 | 50.92 0.50 0.00 | 40.80 0.16 0.00 | 33.73 -0.07 0.00 | 33.03 -0.17 0.00 | 30.74 -0.25 0.00 | 29.70 -0.33 0.00 | 29.42 -0.48 0.00 | 31.08 -0.63 0.00 | 35.94 -1.30 0.00 | 51.31 -0.94 0.00 | 67.29 -0.20 0.00 | 67.91 -0.48 0.00 | 50.05 -0.20 0.00 | 42.81 -0.35 0.00 | 40.39 -0.45 0.00 | 38.33 0.34 0.00 |
| CARR STREET_E_SYR 24060 | 35.17 -0.39 0.00 | 34.50 -0.31 0.00 | 34.15 -0.38 0.00 | 33.78 -0.34 0.00 | 33.71 -0.27 0.00 | 35.49 -0.36 0.00 | 50.15 -0.41 0.00 | 69.51 -0.63 0.00 | 49.96 -0.45 0.00 | 40.19 -0.45 0.00 | 33.46 -0.34 0.00 | 32.80 -0.40 0.00 | 30.68 -0.31 0.00 | 29.70 -0.33 0.00 | 29.55 -0.36 0.00 | 31.34 -0.38 0.00 | 36.72 -0.52 0.00 | 51.56 -0.68 0.00 | 66.69 -0.81 0.00 | 67.49 -0.89 0.00 | 49.65 -0.60 0.00 | 42.60 -0.56 0.00 | 40.39 -0.45 0.00 | 37.64 -0.34 0.00 |
| CARTHAGE___PAPER 23857 | 36.30 0.75 0.00 | 35.48 0.66 0.00 | 35.22 0.69 0.00 | 34.70 0.58 0.00 | 34.67 0.68 0.00 | 36.67 0.83 0.00 | 52.17 1.62 0.00 | 72.67 2.52 0.00 | 51.52 1.11 0.00 | 40.96 0.32 0.00 | 33.86 0.07 0.00 | 33.20 0.00 0.00 | 30.96 -0.03 0.00 | 29.82 -0.21 0.00 | 29.70 -0.21 0.00 | 31.43 -0.29 0.00 | 37.17 -0.07 0.00 | 53.24 0.99 0.00 | 69.59 2.09 0.00 | 70.64 2.25 0.00 | 51.96 1.71 0.00 | 44.63 1.47 0.00 | 41.98 1.14 0.00 | 38.90 0.91 0.00 |
| CASSADAGA_WT_PWR 323784 | 35.88 0.32 0.00 | 35.83 1.01 0.00 | 35.25 0.73 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.88 1.04 0.00 | 52.77 2.22 0.00 | 71.76 1.61 0.00 | 52.48 2.07 0.00 | 42.50 1.87 0.00 | 35.08 1.28 0.00 | 34.29 1.09 0.00 | 31.86 0.87 0.00 | 30.75 0.72 0.00 | 30.35 0.45 0.00 | 32.03 0.32 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 68.03 0.54 0.00 | 68.80 0.41 0.00 | 50.81 0.55 0.00 | 43.42 0.26 0.00 | 40.88 0.04 0.00 | 38.97 0.99 0.00 |
| CE_DUNWOOD___DRP 24194 | 37.52 1.71 -0.26 | 36.24 1.43 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.18 1.19 0.00 | 37.35 1.51 0.00 | 52.32 1.77 0.00 | 73.02 2.88 0.00 | 52.18 1.76 0.00 | 42.50 1.87 0.00 | 36.19 1.89 -0.50 | 36.13 1.89 -1.04 | 33.59 1.92 -0.68 | 32.50 1.95 -0.52 | 32.49 2.06 -0.52 | 33.87 2.16 0.00 | 39.78 2.53 0.00 | 54.81 2.56 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.27 2.01 0.00 | 44.93 1.77 0.00 | 42.43 1.59 0.00 | 39.62 1.63 0.00 |
| CE_MILLWOOD___DRP 24193 | 37.39 1.60 -0.23 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.11 1.12 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.38 1.75 0.00 | 36.00 1.76 -0.45 | 35.89 1.76 -0.93 | 33.37 1.77 -0.61 | 32.33 1.83 -0.47 | 32.29 1.91 -0.47 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.65 2.40 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.35 1.51 0.00 | 39.51 1.52 0.00 |
| CE_NYC2_DRP 24202 | 37.93 2.10 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.42 1.87 0.00 | 73.23 3.09 0.00 | 52.38 1.97 0.00 | 42.99 2.36 0.00 | 36.70 2.37 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.31 3.05 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.53 3.15 0.00 | 52.37 2.11 0.00 | 45.23 2.07 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| CE_NYC_DRP 24195 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.65 3.51 0.00 | 52.63 2.22 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.62 2.32 -1.10 | 34.01 2.29 -0.72 | 32.92 2.34 -0.55 | 32.91 2.45 -0.55 | 34.25 2.54 0.00 | 40.22 2.98 0.00 | 55.28 3.03 0.00 | 71.01 3.51 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| CHAFFEE___LFGE 323603 | 35.70 0.14 0.00 | 35.55 0.73 0.00 | 35.05 0.52 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.49 0.65 0.00 | 51.76 1.21 0.00 | 70.36 0.21 0.00 | 51.57 1.16 0.00 | 41.85 1.22 0.00 | 34.71 0.91 0.00 | 33.93 0.73 0.00 | 31.43 0.43 0.00 | 30.36 0.33 0.00 | 30.05 0.15 0.00 | 31.72 0.00 0.00 | 36.16 -1.08 0.00 | 50.99 -1.25 0.00 | 66.55 -0.95 0.00 | 67.16 -1.23 0.00 | 49.75 -0.50 0.00 | 42.64 -0.52 0.00 | 40.23 -0.61 0.00 | 38.44 0.46 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 35.95 0.39 0.00 | 35.27 0.45 0.00 | 34.94 0.41 0.00 | 34.50 0.38 0.00 | 34.39 0.41 0.00 | 36.20 0.36 0.00 | 51.01 0.45 0.00 | 70.50 0.35 0.00 | 50.71 0.30 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.72 -0.18 0.00 | 31.59 -0.13 0.00 | 37.24 0.00 0.00 | 52.61 0.37 0.00 | 68.44 0.94 0.00 | 69.41 1.03 0.00 | 51.06 0.80 0.00 | 43.89 0.73 0.00 | 41.41 0.57 0.00 | 38.44 0.46 0.00 |
| CHATEAUG_WT_PWR 323614 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.84 0.31 0.00 | 34.40 0.27 0.00 | 34.29 0.31 0.00 | 36.10 0.25 0.00 | 50.75 0.20 0.00 | 70.29 0.14 0.00 | 50.56 0.15 0.00 | 40.76 0.12 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.87 -0.12 0.00 | 29.88 -0.15 0.00 | 29.70 -0.21 0.00 | 31.53 -0.19 0.00 | 37.17 -0.07 0.00 | 52.35 0.10 0.00 | 68.03 0.54 0.00 | 69.07 0.68 0.00 | 50.81 0.55 0.00 | 43.54 0.39 0.00 | 41.25 0.41 0.00 | 38.33 0.34 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 35.95 0.39 0.00 | 35.27 0.45 0.00 | 34.94 0.41 0.00 | 34.50 0.38 0.00 | 34.39 0.41 0.00 | 36.20 0.36 0.00 | 51.01 0.45 0.00 | 70.50 0.35 0.00 | 50.71 0.30 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.72 -0.18 0.00 | 31.59 -0.13 0.00 | 37.24 0.00 0.00 | 52.61 0.37 0.00 | 68.44 0.94 0.00 | 69.41 1.03 0.00 | 51.06 0.80 0.00 | 43.89 0.73 0.00 | 41.41 0.57 0.00 | 38.44 0.46 0.00 |
| CHAUTAUQUA___LFGE 323629 | 35.91 0.36 0.00 | 35.83 1.01 0.00 | 35.25 0.73 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.81 0.97 0.00 | 52.42 1.87 0.00 | 71.20 1.05 0.00 | 52.13 1.71 0.00 | 42.22 1.58 0.00 | 34.98 1.18 0.00 | 34.19 1.00 0.00 | 31.73 0.74 0.00 | 30.66 0.63 0.00 | 30.29 0.39 0.00 | 32.00 0.28 0.00 | 36.50 -0.74 0.00 | 51.56 -0.68 0.00 | 67.50 0.00 0.00 | 68.18 -0.20 0.00 | 50.41 0.15 0.00 | 43.11 -0.04 0.00 | 40.64 -0.20 0.00 | 38.82 0.83 0.00 |
| CHERRYST_13_KV_LD 356241 | 37.89 2.06 -0.27 | 36.56 1.74 0.00 | 36.11 1.59 0.00 | 35.66 1.54 0.00 | 35.45 1.46 0.00 | 37.67 1.83 0.00 | 52.83 2.27 0.00 | 73.86 3.72 0.00 | 52.83 2.42 0.00 | 43.11 2.48 0.00 | 36.76 2.43 -0.53 | 36.72 2.42 -1.10 | 34.13 2.42 -0.72 | 33.01 2.43 -0.55 | 33.00 2.54 -0.55 | 34.35 2.63 0.00 | 40.37 3.13 0.00 | 55.48 3.24 0.00 | 71.21 3.71 0.00 | 72.15 3.76 0.00 | 52.77 2.51 0.00 | 45.36 2.20 0.00 | 42.88 2.04 0.00 | 40.00 2.01 0.00 |

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| CHESTROR_138KV_BK263 355645 | 37.33 1.56 -0.21 | 36.10 1.29 0.00 | 35.70 1.17 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.32 1.77 0.00 | 72.88 2.74 0.00 | 51.98 1.56 0.00 | 42.18 1.54 0.00 | 35.73 1.52 -0.41 | 35.55 1.49 -0.85 | 33.13 1.58 -0.56 | 32.05 1.59 -0.43 | 32.01 1.67 -0.43 | 33.46 1.74 0.00 | 39.37 2.12 0.00 | 54.60 2.35 0.00 | 70.40 2.90 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.43 1.44 0.00 |
| CH_MIDHUDSON___DRP 24192 | 37.24 1.46 -0.22 | 36.00 1.18 0.00 | 35.63 1.10 0.00 | 35.22 1.09 0.00 | 34.97 0.99 0.00 | 37.14 1.29 0.00 | 52.07 1.52 0.00 | 72.67 2.53 0.00 | 51.77 1.36 0.00 | 42.06 1.42 0.00 | 35.62 1.39 -0.44 | 35.47 1.36 -0.91 | 33.01 1.43 -0.60 | 31.96 1.47 -0.46 | 31.95 1.58 -0.46 | 33.36 1.65 0.00 | 39.29 2.05 0.00 | 54.44 2.19 0.00 | 70.06 2.56 0.00 | 71.05 2.67 0.00 | 52.01 1.76 0.00 | 44.71 1.55 0.00 | 42.23 1.39 0.00 | 39.35 1.37 0.00 |
| CH_MISC_IPPS 23765 | 37.59 1.78 -0.25 | 36.31 1.50 0.00 | 35.91 1.38 0.00 | 35.49 1.37 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.31 3.16 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.88 1.59 -0.50 | 35.76 1.53 -1.03 | 33.31 1.64 -0.68 | 32.23 1.68 -0.52 | 32.19 1.76 -0.52 | 33.55 1.84 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.46 2.21 0.00 | 45.14 1.99 0.00 | 42.88 2.04 0.00 | 39.73 1.75 0.00 |
| CH_RES_BVR_FALLS 23983 | 35.20 -0.36 0.00 | 34.47 -0.35 0.00 | 34.18 -0.35 0.00 | 33.78 -0.34 0.00 | 33.65 -0.34 0.00 | 35.45 -0.39 0.00 | 50.00 -0.55 0.00 | 69.31 -0.84 0.00 | 49.86 -0.55 0.00 | 40.19 -0.45 0.00 | 33.39 -0.40 0.00 | 32.83 -0.36 0.00 | 30.59 -0.40 0.00 | 29.61 -0.42 0.00 | 29.46 -0.45 0.00 | 31.24 -0.47 0.00 | 36.76 -0.49 0.00 | 51.72 -0.52 0.00 | 66.95 -0.54 0.00 | 67.84 -0.55 0.00 | 49.85 -0.40 0.00 | 42.77 -0.39 0.00 | 40.51 -0.33 0.00 | 37.68 -0.31 0.00 |
| CH_RES_NIAGARA 23895 | 35.59 0.04 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.10 0.25 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.08 0.45 0.00 | 34.13 0.34 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.52 -0.39 0.00 | 31.18 -0.54 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.72 -0.12 0.00 | 38.52 0.53 0.00 |
| CH_RES_SYRACUSE 23985 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.23 0.00 | 32.93 -0.27 0.00 | 30.78 -0.22 0.00 | 29.79 -0.24 0.00 | 29.63 -0.27 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.05 -0.34 0.00 | 50.05 -0.20 0.00 | 42.94 -0.21 0.00 | 40.60 -0.24 0.00 | 37.87 -0.11 0.00 |
| CLINTON_WT_PWR 323605 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.84 0.31 0.00 | 34.40 0.27 0.00 | 34.29 0.31 0.00 | 36.10 0.25 0.00 | 50.75 0.20 0.00 | 70.29 0.14 0.00 | 50.56 0.15 0.00 | 40.76 0.12 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.87 -0.12 0.00 | 29.88 -0.15 0.00 | 29.70 -0.21 0.00 | 31.53 -0.19 0.00 | 37.17 -0.07 0.00 | 52.35 0.10 0.00 | 68.03 0.54 0.00 | 69.07 0.68 0.00 | 50.81 0.55 0.00 | 43.54 0.39 0.00 | 41.25 0.41 0.00 | 38.33 0.34 0.00 |
| CLINTON___LFGE 323618 | 36.30 0.75 0.00 | 35.69 0.87 0.00 | 35.32 0.79 0.00 | 34.84 0.72 0.00 | 34.77 0.78 0.00 | 36.56 0.72 0.00 | 51.36 0.81 0.00 | 70.85 0.70 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.46 0.26 0.00 | 31.02 0.03 0.00 | 30.03 0.00 0.00 | 29.81 -0.09 0.00 | 31.72 0.00 0.00 | 37.47 0.22 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.10 1.71 0.00 | 51.61 1.36 0.00 | 44.11 0.95 0.00 | 41.86 1.02 0.00 | 38.86 0.87 0.00 |
| COBBLENY_34_KV_TB1 80064 | 35.70 0.14 0.00 | 35.69 0.87 0.00 | 35.08 0.55 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.42 0.57 0.00 | 51.76 1.21 0.00 | 70.36 0.21 0.00 | 51.62 1.21 0.00 | 41.77 1.14 0.00 | 34.64 0.84 0.00 | 33.83 0.63 0.00 | 31.43 0.43 0.00 | 30.39 0.36 0.00 | 29.96 0.06 0.00 | 31.65 -0.06 0.00 | 36.16 -1.08 0.00 | 50.99 -1.25 0.00 | 66.55 -0.94 0.00 | 67.15 -1.23 0.00 | 49.75 -0.50 0.00 | 42.81 -0.35 0.00 | 41.50 0.65 0.00 | 38.71 0.72 0.00 |
| COFFEEN___115KV_TB3 355620 | 36.66 1.10 0.00 | 35.79 0.97 0.00 | 35.56 1.04 0.00 | 35.01 0.89 0.00 | 35.01 1.02 0.00 | 37.21 1.36 0.00 | 52.88 2.33 0.00 | 73.79 3.65 0.00 | 52.13 1.71 0.00 | 41.33 0.69 0.00 | 34.13 0.34 0.00 | 33.37 0.17 0.00 | 31.15 0.15 0.00 | 29.94 -0.09 0.00 | 29.81 -0.09 0.00 | 31.59 -0.13 0.00 | 37.36 0.11 0.00 | 53.76 1.52 0.00 | 70.53 3.04 0.00 | 71.60 3.21 0.00 | 52.62 2.36 0.00 | 45.14 1.99 0.00 | 42.56 1.72 0.00 | 39.32 1.33 0.00 |
| COLDSPRG_115KV_BK1 355956 | 35.98 0.43 0.00 | 36.03 1.22 0.00 | 35.36 0.83 0.00 | 35.18 1.06 0.00 | 35.45 1.46 0.00 | 36.99 1.15 0.00 | 53.03 2.48 0.00 | 72.11 1.96 0.00 | 52.63 2.22 0.00 | 42.46 1.83 0.00 | 35.05 1.25 0.00 | 34.26 1.06 0.00 | 31.92 0.93 0.00 | 30.81 0.78 0.00 | 30.32 0.42 0.00 | 32.00 0.29 0.00 | 36.76 -0.48 0.00 | 52.04 -0.21 0.00 | 68.31 0.81 0.00 | 69.07 0.68 0.00 | 50.86 0.60 0.00 | 43.63 0.47 0.00 | 42.03 1.18 0.00 | 39.20 1.22 0.00 |
| COLONIE_LFGE___ 323577 | 36.12 0.71 0.14 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.56 0.72 0.00 | 51.46 0.91 0.00 | 71.69 1.54 0.00 | 51.27 0.86 0.00 | 41.28 0.65 0.00 | 34.12 0.61 0.29 | 33.20 0.60 0.60 | 31.19 0.59 0.39 | 30.36 0.63 0.30 | 30.29 0.69 0.30 | 32.48 0.76 0.00 | 38.25 1.01 0.00 | 53.45 1.20 0.00 | 68.98 1.48 0.00 | 69.96 1.57 0.00 | 51.31 1.06 0.00 | 44.11 0.95 0.00 | 41.74 0.90 0.00 | 38.67 0.68 0.00 |
| COOPERNY_115KV_TB1 80082 | 36.91 1.21 -0.14 | 35.86 1.04 0.00 | 35.53 1.00 0.00 | 35.11 0.99 0.00 | 34.94 0.95 0.00 | 36.99 1.15 0.00 | 52.07 1.52 0.00 | 72.39 2.24 0.00 | 51.72 1.31 0.00 | 41.89 1.26 0.00 | 35.25 1.18 -0.28 | 34.94 1.16 -0.57 | 32.58 1.21 -0.38 | 31.52 1.20 -0.29 | 31.45 1.26 -0.29 | 33.02 1.30 0.00 | 38.81 1.56 0.00 | 54.13 1.88 0.00 | 69.79 2.29 0.00 | 70.78 2.39 0.00 | 51.86 1.61 0.00 | 44.45 1.29 0.00 | 42.07 1.23 0.00 | 39.16 1.18 0.00 |
| COPENHAGEN_WT_PWR 323753 | 36.34 0.78 0.00 | 35.51 0.70 0.00 | 35.25 0.73 0.00 | 34.74 0.61 0.00 | 34.73 0.75 0.00 | 36.74 0.90 0.00 | 52.32 1.77 0.00 | 72.96 2.81 0.00 | 51.67 1.26 0.00 | 41.08 0.45 0.00 | 33.96 0.17 0.00 | 33.23 0.03 0.00 | 31.02 0.03 0.00 | 29.85 -0.18 0.00 | 29.73 -0.18 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 53.29 1.04 0.00 | 69.72 2.22 0.00 | 70.71 2.33 0.00 | 51.96 1.71 0.00 | 44.67 1.51 0.00 | 41.98 1.14 0.00 | 38.94 0.95 0.00 |
| CORNELL_____ 23752 | 36.09 0.53 0.00 | 35.44 0.63 0.00 | 35.04 0.52 0.00 | 34.67 0.55 0.00 | 34.67 0.68 0.00 | 36.49 0.65 0.00 | 51.92 1.36 0.00 | 71.83 1.68 0.00 | 51.47 1.06 0.00 | 41.16 0.53 0.00 | 34.07 0.27 0.00 | 33.37 0.17 0.00 | 31.18 0.19 0.00 | 30.15 0.12 0.00 | 29.96 0.06 0.00 | 31.78 0.06 0.00 | 37.36 0.11 0.00 | 52.98 0.73 0.00 | 68.98 1.48 0.00 | 69.82 1.44 0.00 | 51.31 1.06 0.00 | 43.98 0.82 0.00 | 41.70 0.86 0.00 | 38.78 0.80 0.00 |

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| CORONA__69_KV_TB1 355595 | 38.42 2.60 -0.27 | 36.97 2.16 0.00 | 36.49 1.97 0.00 | 36.03 1.91 0.00 | 35.72 1.73 0.00 | 38.03 2.19 0.00 | 51.81 1.26 0.01 | 71.54 2.10 0.71 | 51.30 1.11 0.22 | 42.71 2.07 0.00 | 36.89 2.57 -0.53 | 36.97 2.66 -1.12 | 34.35 2.63 -0.73 | 33.24 2.64 -0.57 | 33.20 2.72 -0.57 | 34.56 2.79 -0.05 | 40.54 3.28 -0.02 | 54.75 2.51 0.00 | 69.29 2.50 0.71 | 70.54 2.74 0.58 | 51.80 1.76 0.22 | 44.84 1.68 0.00 | 42.35 1.51 0.00 | 40.19 2.20 0.00 |
| CORTLAND__115KV_TB3 80093 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.80 0.28 0.00 | 34.43 0.31 0.00 | 34.39 0.41 0.00 | 36.20 0.36 0.00 | 51.41 0.86 0.00 | 71.20 1.05 0.00 | 51.07 0.66 0.00 | 40.92 0.28 0.00 | 33.93 0.14 0.00 | 33.27 0.07 0.00 | 31.12 0.12 0.00 | 30.09 0.06 0.00 | 29.90 0.00 0.00 | 31.72 0.00 0.00 | 37.24 0.00 0.00 | 52.61 0.37 0.00 | 68.31 0.81 0.00 | 69.14 0.75 0.00 | 50.81 0.55 0.00 | 43.59 0.43 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| COXSACKIE__GT 23611 | 37.30 1.74 0.00 | 36.14 1.32 0.00 | 35.84 1.31 0.00 | 35.42 1.30 0.00 | 35.17 1.19 0.00 | 37.78 1.93 0.00 | 53.53 2.98 0.00 | 74.43 4.28 0.00 | 52.28 1.87 0.00 | 41.32 0.69 0.00 | 34.10 0.30 0.00 | 33.73 0.53 0.00 | 31.64 0.65 0.00 | 30.69 0.66 0.00 | 30.68 0.78 0.00 | 32.25 0.54 0.00 | 38.10 0.86 0.00 | 54.28 2.04 0.00 | 70.54 3.04 0.00 | 71.47 3.08 0.00 | 52.46 2.21 0.00 | 45.01 1.85 0.00 | 42.52 1.68 0.00 | 39.66 1.67 0.00 |
| CPV_VALLEY__CC1 323721 | 37.29 1.53 -0.21 | 36.11 1.29 0.00 | 35.66 1.14 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.21 1.36 0.00 | 52.27 1.72 0.00 | 72.88 2.73 0.00 | 51.98 1.56 0.00 | 42.22 1.58 0.00 | 35.76 1.56 -0.41 | 35.57 1.53 -0.84 | 33.16 1.61 -0.55 | 32.10 1.65 -0.42 | 32.03 1.70 -0.43 | 33.49 1.77 0.00 | 39.40 2.16 0.00 | 54.60 2.35 0.00 | 70.33 2.83 0.00 | 71.26 2.87 0.00 | 52.12 1.86 0.00 | 44.84 1.68 0.00 | 42.60 1.75 0.00 | 39.47 1.48 0.00 |
| CPV_VALLEY__CC2 323722 | 37.29 1.53 -0.21 | 36.11 1.29 0.00 | 35.66 1.14 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.21 1.36 0.00 | 52.27 1.72 0.00 | 72.88 2.73 0.00 | 51.98 1.56 0.00 | 42.22 1.58 0.00 | 35.76 1.56 -0.41 | 35.57 1.53 -0.84 | 33.16 1.61 -0.55 | 32.10 1.65 -0.42 | 32.03 1.70 -0.43 | 33.49 1.77 0.00 | 39.40 2.16 0.00 | 54.60 2.35 0.00 | 70.33 2.83 0.00 | 71.26 2.87 0.00 | 52.12 1.86 0.00 | 44.84 1.68 0.00 | 42.60 1.75 0.00 | 39.47 1.48 0.00 |
| CRESCENT__HYD 24018 | 36.12 0.71 0.14 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.56 0.72 0.00 | 51.46 0.91 0.00 | 71.69 1.54 0.00 | 51.27 0.86 0.00 | 41.28 0.65 0.00 | 34.12 0.61 0.29 | 33.20 0.60 0.60 | 31.19 0.59 0.39 | 30.36 0.63 0.30 | 30.29 0.69 0.30 | 32.48 0.76 0.00 | 38.25 1.01 0.00 | 53.45 1.20 0.00 | 68.98 1.48 0.00 | 69.96 1.57 0.00 | 51.31 1.06 0.00 | 44.11 0.95 0.00 | 41.74 0.90 0.00 | 38.67 0.68 0.00 |
| CRICKET__VALLEY_CC1 323756 | 34.82 0.78 1.51 | 35.41 0.59 0.00 | 35.05 0.52 0.00 | 34.60 0.48 0.00 | 34.40 0.41 0.00 | 36.49 0.65 0.00 | 51.11 0.56 0.00 | 71.41 1.26 0.00 | 51.02 0.61 0.00 | 41.45 0.81 0.00 | 31.78 0.94 2.96 | 27.98 0.93 6.15 | 27.97 1.02 4.04 | 28.06 1.11 3.08 | 27.96 1.17 3.11 | 32.95 1.24 0.00 | 38.77 1.53 0.00 | 53.55 1.31 0.00 | 68.92 1.42 0.00 | 69.82 1.44 0.00 | 51.11 0.85 0.00 | 44.02 0.86 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| CRICKET__VALLEY_CC2 323757 | 34.82 0.78 1.51 | 35.41 0.59 0.00 | 35.05 0.52 0.00 | 34.60 0.48 0.00 | 34.40 0.41 0.00 | 36.49 0.65 0.00 | 51.11 0.56 0.00 | 71.41 1.26 0.00 | 51.02 0.61 0.00 | 41.45 0.81 0.00 | 31.78 0.94 2.96 | 27.98 0.93 6.15 | 27.97 1.02 4.04 | 28.06 1.11 3.08 | 27.96 1.17 3.11 | 32.95 1.24 0.00 | 38.77 1.53 0.00 | 53.55 1.31 0.00 | 68.92 1.42 0.00 | 69.82 1.44 0.00 | 51.11 0.85 0.00 | 44.02 0.86 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| CRICKET__VALLEY_CC3 323758 | 34.82 0.78 1.51 | 35.41 0.59 0.00 | 35.05 0.52 0.00 | 34.60 0.48 0.00 | 34.40 0.41 0.00 | 36.49 0.65 0.00 | 51.11 0.56 0.00 | 71.41 1.26 0.00 | 51.02 0.61 0.00 | 41.45 0.81 0.00 | 31.78 0.94 2.96 | 27.98 0.93 6.15 | 27.97 1.02 4.04 | 28.06 1.11 3.08 | 27.96 1.17 3.11 | 32.95 1.24 0.00 | 38.77 1.53 0.00 | 53.55 1.31 0.00 | 68.92 1.42 0.00 | 69.82 1.44 0.00 | 51.11 0.85 0.00 | 44.02 0.86 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| CRUCIBLE_METL_DRP 24180 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| DAHOWA__HYDRO 323763 | 36.47 1.03 0.12 | 35.79 0.97 0.00 | 35.49 0.97 0.00 | 35.11 0.99 0.00 | 34.90 0.92 0.00 | 36.99 1.15 0.00 | 52.17 1.62 0.00 | 72.60 2.45 0.00 | 51.72 1.31 0.00 | 41.28 0.65 0.00 | 34.04 0.47 0.23 | 33.09 0.37 0.48 | 30.99 0.31 0.31 | 30.12 0.33 0.24 | 30.05 0.39 0.24 | 32.22 0.51 0.00 | 38.03 0.78 0.00 | 53.55 1.31 0.00 | 69.52 2.02 0.00 | 70.64 2.25 0.00 | 51.86 1.61 0.00 | 44.54 1.38 0.00 | 42.07 1.22 0.00 | 38.97 0.99 0.00 |
| DANC__LFGE 323619 | 35.81 0.25 0.00 | 35.03 0.21 0.00 | 34.77 0.24 0.00 | 34.30 0.17 0.00 | 34.26 0.27 0.00 | 36.20 0.36 0.00 | 51.41 0.86 0.00 | 71.48 1.33 0.00 | 50.97 0.56 0.00 | 40.68 0.04 0.00 | 33.66 -0.13 0.00 | 32.97 -0.23 0.00 | 30.81 -0.18 0.00 | 29.70 -0.33 0.00 | 29.58 -0.33 0.00 | 31.34 -0.38 0.00 | 36.91 -0.34 0.00 | 52.45 0.21 0.00 | 68.31 0.81 0.00 | 69.27 0.89 0.00 | 50.91 0.65 0.00 | 43.81 0.65 0.00 | 41.25 0.41 0.00 | 38.37 0.38 0.00 |
| DANSKAMMER__1 23586 | 37.59 1.78 -0.25 | 36.31 1.50 0.00 | 35.91 1.38 0.00 | 35.49 1.37 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.31 3.16 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.88 1.59 -0.50 | 35.76 1.53 -1.03 | 33.31 1.64 -0.68 | 32.23 1.68 -0.52 | 32.19 1.76 -0.52 | 33.55 1.84 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.46 2.21 0.00 | 45.14 1.99 0.00 | 42.88 2.04 0.00 | 39.73 1.75 0.00 |
| DANSKAMMER__2 23589 | 37.59 1.78 -0.25 | 36.31 1.50 0.00 | 35.91 1.38 0.00 | 35.49 1.37 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.31 3.16 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.88 1.59 -0.50 | 35.76 1.53 -1.03 | 33.31 1.64 -0.68 | 32.23 1.68 -0.52 | 32.19 1.76 -0.52 | 33.55 1.84 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.46 2.21 0.00 | 45.14 1.99 0.00 | 42.88 2.04 0.00 | 39.73 1.75 0.00 |
| DANSKAMMER__3 23590 | 37.59 1.78 -0.25 | 36.31 1.50 0.00 | 35.91 1.38 0.00 | 35.49 1.37 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.31 3.16 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.88 1.59 -0.50 | 35.76 1.53 -1.03 | 33.31 1.64 -0.68 | 32.23 1.68 -0.52 | 32.19 1.76 -0.52 | 33.55 1.84 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.46 2.21 0.00 | 45.14 1.99 0.00 | 42.88 2.04 0.00 | 39.73 1.75 0.00 |

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| DANSKAMMER___4 23591 | 37.59 1.78 -0.25 | 36.31 1.50 0.00 | 35.91 1.38 0.00 | 35.49 1.37 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.31 3.16 0.00 | 52.22 1.81 0.00 | 42.30 1.67 0.00 | 35.88 1.59 -0.50 | 35.76 1.53 -1.03 | 33.31 1.64 -0.68 | 32.23 1.68 -0.52 | 32.19 1.76 -0.52 | 33.55 1.84 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.46 2.21 0.00 | 45.14 1.99 0.00 | 42.88 2.04 0.00 | 39.73 1.75 0.00 |
| DANSKAMMER___DIESEL 23592 | 37.59 1.78 -0.25 | 36.28 1.46 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.57 2.02 0.00 | 73.30 3.16 0.00 | 52.23 1.81 0.00 | 42.34 1.71 0.00 | 35.91 1.62 -0.50 | 35.79 1.56 -1.03 | 33.28 1.61 -0.68 | 32.23 1.68 -0.52 | 32.22 1.79 -0.52 | 33.59 1.87 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.47 2.21 0.00 | 45.10 1.94 0.00 | 42.56 1.72 0.00 | 39.66 1.67 0.00 |
| DARBY___SOLAR 323810 | 36.39 0.96 0.12 | 35.72 0.90 0.00 | 35.42 0.90 0.00 | 35.05 0.92 0.00 | 34.84 0.85 0.00 | 36.88 1.04 0.00 | 52.02 1.47 0.00 | 72.39 2.24 0.00 | 51.57 1.16 0.00 | 41.25 0.61 0.00 | 33.99 0.44 0.24 | 33.07 0.37 0.50 | 30.98 0.31 0.33 | 30.08 0.30 0.25 | 30.04 0.39 0.25 | 32.22 0.51 0.00 | 38.03 0.78 0.00 | 53.50 1.25 0.00 | 69.38 1.89 0.00 | 70.44 2.05 0.00 | 51.71 1.46 0.00 | 44.41 1.25 0.00 | 41.98 1.14 0.00 | 38.90 0.91 0.00 |
| DASHVILLE___HYD 23610 | 37.39 1.67 -0.17 | 35.97 1.15 0.00 | 35.60 1.07 0.00 | 35.18 1.06 0.00 | 34.94 0.95 0.00 | 37.06 1.22 0.00 | 52.07 1.52 0.00 | 72.53 2.38 0.00 | 51.57 1.16 0.00 | 41.77 1.14 0.00 | 35.65 1.52 -0.33 | 35.35 1.46 -0.69 | 32.99 1.55 -0.45 | 31.97 1.59 -0.34 | 31.96 1.70 -0.35 | 33.14 1.43 0.00 | 39.07 1.82 0.00 | 54.28 2.04 0.00 | 69.86 2.36 0.00 | 70.78 2.39 0.00 | 51.86 1.61 0.00 | 44.58 1.42 0.00 | 42.15 1.31 0.00 | 39.28 1.29 0.00 |
| DELAWARE___LFGE 323621 | 36.41 0.82 -0.03 | 35.55 0.73 0.00 | 35.32 0.79 0.00 | 34.91 0.78 0.00 | 34.73 0.75 0.00 | 36.71 0.86 0.00 | 51.81 1.26 0.00 | 71.97 1.82 0.00 | 51.42 1.01 0.00 | 41.41 0.77 0.00 | 34.54 0.68 -0.07 | 33.97 0.63 -0.14 | 31.73 0.65 -0.09 | 30.70 0.60 -0.07 | 30.60 0.63 -0.07 | 32.35 0.63 0.00 | 38.03 0.78 0.00 | 53.45 1.20 0.00 | 69.05 1.55 0.00 | 69.96 1.57 0.00 | 51.46 1.21 0.00 | 44.15 0.99 0.00 | 41.74 0.90 0.00 | 38.82 0.84 0.00 |
| DERFIELD_115KV_TB7 355931 | 35.63 0.07 0.00 | 34.85 0.03 0.00 | 34.60 0.07 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.36 0.21 0.00 | 50.46 0.05 0.00 | 40.68 0.04 0.00 | 33.86 0.07 0.00 | 33.23 0.03 0.00 | 31.05 0.06 0.00 | 30.09 0.06 0.00 | 29.99 0.09 0.00 | 31.78 0.06 0.00 | 37.36 0.11 0.00 | 52.40 0.16 0.00 | 67.70 0.20 0.00 | 68.59 0.21 0.00 | 50.41 0.15 0.00 | 43.24 0.09 0.00 | 40.92 0.08 0.00 | 38.06 0.08 0.00 |
| DOGLEVILLE___HYD 23807 | 37.12 1.56 0.00 | 36.31 1.50 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.45 1.46 0.00 | 37.46 1.61 0.00 | 52.83 2.27 0.00 | 73.23 3.09 0.00 | 52.48 2.07 0.00 | 42.22 1.58 0.00 | 35.11 1.32 0.00 | 34.46 1.26 0.00 | 32.17 1.18 0.00 | 31.05 1.02 0.00 | 30.89 0.99 0.00 | 32.73 1.01 0.00 | 38.47 1.23 0.00 | 54.18 1.93 0.00 | 70.26 2.77 0.00 | 71.33 2.94 0.00 | 52.42 2.16 0.00 | 45.10 1.94 0.00 | 42.76 1.92 0.00 | 39.77 1.79 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 35.91 0.36 0.00 | 35.93 1.11 0.00 | 35.29 0.76 0.00 | 35.08 0.96 0.00 | 35.38 1.39 0.00 | 36.74 0.90 0.00 | 52.32 1.77 0.00 | 71.06 0.91 0.00 | 52.08 1.66 0.00 | 42.14 1.50 0.00 | 34.84 1.05 0.00 | 34.10 0.90 0.00 | 31.70 0.71 0.00 | 30.66 0.63 0.00 | 30.20 0.30 0.00 | 31.87 0.16 0.00 | 36.46 -0.78 0.00 | 51.46 -0.78 0.00 | 67.36 -0.13 0.00 | 68.04 -0.34 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.82 0.98 0.00 | 39.01 1.03 0.00 |
| DUNKIRK___1 23563 | 35.91 0.36 0.00 | 35.93 1.11 0.00 | 35.29 0.76 0.00 | 35.08 0.96 0.00 | 35.38 1.39 0.00 | 36.74 0.90 0.00 | 52.32 1.77 0.00 | 71.06 0.91 0.00 | 52.08 1.66 0.00 | 42.14 1.50 0.00 | 34.84 1.05 0.00 | 34.10 0.90 0.00 | 31.70 0.71 0.00 | 30.66 0.63 0.00 | 30.20 0.30 0.00 | 31.87 0.16 0.00 | 36.46 -0.78 0.00 | 51.46 -0.78 0.00 | 67.36 -0.13 0.00 | 68.04 -0.34 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.82 0.98 0.00 | 39.01 1.03 0.00 |
| DUNKIRK___2 23564 | 35.91 0.36 0.00 | 35.93 1.11 0.00 | 35.29 0.76 0.00 | 35.08 0.96 0.00 | 35.38 1.39 0.00 | 36.74 0.90 0.00 | 52.32 1.77 0.00 | 71.06 0.91 0.00 | 52.08 1.66 0.00 | 42.14 1.50 0.00 | 34.84 1.05 0.00 | 34.10 0.90 0.00 | 31.70 0.71 0.00 | 30.66 0.63 0.00 | 30.20 0.30 0.00 | 31.87 0.16 0.00 | 36.46 -0.78 0.00 | 51.46 -0.78 0.00 | 67.36 -0.13 0.00 | 68.04 -0.34 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.82 0.98 0.00 | 39.01 1.03 0.00 |
| DUNKIRK___3 23565 | 35.77 0.21 0.00 | 35.79 0.97 0.00 | 35.11 0.59 0.00 | 34.91 0.78 0.00 | 35.21 1.22 0.00 | 36.53 0.68 0.00 | 51.97 1.42 0.00 | 70.57 0.42 0.00 | 51.72 1.31 0.00 | 41.85 1.22 0.00 | 34.64 0.84 0.00 | 33.86 0.66 0.00 | 31.52 0.53 0.00 | 30.48 0.45 0.00 | 30.02 0.12 0.00 | 31.68 -0.03 0.00 | 36.28 -0.97 0.00 | 51.15 -1.10 0.00 | 66.89 -0.61 0.00 | 67.57 -0.82 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 41.54 0.69 0.00 | 38.78 0.80 0.00 |
| DUNKIRK___4 23566 | 35.77 0.21 0.00 | 35.79 0.97 0.00 | 35.11 0.59 0.00 | 34.91 0.78 0.00 | 35.21 1.22 0.00 | 36.53 0.68 0.00 | 51.97 1.42 0.00 | 70.57 0.42 0.00 | 51.72 1.31 0.00 | 41.85 1.22 0.00 | 34.64 0.84 0.00 | 33.86 0.66 0.00 | 31.52 0.53 0.00 | 30.48 0.45 0.00 | 30.02 0.12 0.00 | 31.68 -0.03 0.00 | 36.28 -0.97 0.00 | 51.15 -1.10 0.00 | 66.89 -0.61 0.00 | 67.57 -0.82 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 41.54 0.69 0.00 | 38.78 0.80 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 37.60 1.78 -0.27 | 36.28 1.46 0.00 | 35.87 1.35 0.00 | 35.45 1.33 0.00 | 35.21 1.22 0.00 | 37.42 1.58 0.00 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.28 1.87 0.00 | 42.63 1.99 0.00 | 36.32 1.99 -0.53 | 36.29 1.99 -1.10 | 33.73 2.01 -0.72 | 32.62 2.04 -0.55 | 32.61 2.15 -0.55 | 33.97 2.25 0.00 | 39.89 2.64 0.00 | 54.91 2.66 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.01 1.86 0.00 | 42.52 1.67 0.00 | 39.70 1.71 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 37.49 1.71 -0.23 | 36.24 1.43 0.00 | 35.84 1.31 0.00 | 35.42 1.30 0.00 | 35.21 1.22 0.00 | 37.35 1.51 0.00 | 52.52 1.97 0.00 | 73.23 3.09 0.00 | 52.18 1.76 0.00 | 42.30 1.67 0.00 | 35.86 1.62 -0.44 | 35.71 1.59 -0.92 | 33.24 1.64 -0.61 | 32.20 1.71 -0.46 | 32.16 1.79 -0.47 | 33.59 1.87 0.00 | 39.52 2.27 0.00 | 54.86 2.61 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 44.97 1.81 0.00 | 42.48 1.63 0.00 | 39.58 1.60 0.00 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.77 1.64 -0.01 | 35.56 1.56 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.18 1.76 0.00 | 42.83 2.19 0.00 | 36.55 2.23 -0.52 | 36.55 2.26 -1.09 | 33.94 2.23 -0.71 | 32.85 2.28 -0.54 | 32.84 2.39 -0.55 | 34.21 2.51 0.01 | 40.18 2.94 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.92 2.08 0.00 | 39.97 1.98 -0.01 |

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| E179THST_13_KV_LOAD 356214 | 38.08 2.24 -0.28 | 36.77 1.95 -0.01 | 36.33 1.80 -0.01 | 35.87 1.74 -0.01 | 35.66 1.67 -0.01 | 37.90 2.04 -0.01 | 52.62 2.07 0.00 | 73.51 3.37 0.00 | 52.43 2.02 0.00 | 42.99 2.36 0.00 | 36.71 2.40 -0.52 | 36.71 2.42 -1.09 | 34.09 2.39 -0.71 | 33.00 2.43 -0.54 | 32.99 2.54 -0.55 | 34.34 2.63 0.01 | 40.33 3.09 0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.32 2.16 0.00 | 43.13 2.29 0.00 | 40.16 2.17 -0.01 |
| EAST HAMPTON___GT 23717 | 37.47 1.64 -0.27 | 36.00 1.18 0.00 | 35.42 0.90 0.00 | 34.94 0.82 0.00 | 34.56 0.58 0.00 | 37.03 1.18 0.00 | 48.76 -1.77 0.02 | 63.77 -1.96 4.41 | 47.06 -1.86 1.48 | 40.31 -0.33 0.00 | 35.31 0.98 -0.53 | 35.57 1.26 -1.11 | 32.77 1.05 -0.73 | 31.85 1.26 -0.56 | 31.97 1.49 -0.57 | 33.34 1.62 -0.01 | 39.00 1.75 -0.01 | 52.14 -0.10 0.00 | 61.81 -1.28 4.41 | 63.75 -1.02 3.62 | 47.86 -1.06 1.34 | 43.54 0.39 0.00 | 41.94 1.10 0.00 | 39.51 1.52 0.00 |
| EAST RIVER___6 23660 | 37.82 1.99 -0.27 | 36.49 1.67 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.67 2.12 0.00 | 73.79 3.65 0.00 | 52.83 2.42 0.00 | 43.07 2.44 0.00 | 36.72 2.40 -0.53 | 36.69 2.39 -1.10 | 34.10 2.39 -0.72 | 33.04 2.46 -0.55 | 32.97 2.51 -0.55 | 34.32 2.60 0.00 | 40.33 3.09 0.00 | 55.49 3.24 0.00 | 71.07 3.57 0.00 | 72.01 3.62 0.00 | 52.67 2.41 0.00 | 45.44 2.29 0.00 | 43.21 2.37 0.00 | 40.00 2.01 0.00 |
| EAST RIVER___7 23524 | 37.82 1.99 -0.27 | 36.49 1.67 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.67 2.12 0.00 | 73.79 3.65 0.00 | 52.83 2.42 0.00 | 43.07 2.44 0.00 | 36.72 2.40 -0.53 | 36.69 2.39 -1.10 | 34.10 2.39 -0.72 | 33.04 2.46 -0.55 | 32.97 2.51 -0.55 | 34.32 2.60 0.00 | 40.33 3.09 0.00 | 55.49 3.24 0.00 | 71.07 3.57 0.00 | 72.01 3.62 0.00 | 52.67 2.41 0.00 | 45.44 2.29 0.00 | 43.21 2.37 0.00 | 40.00 2.01 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 37.52 1.71 -0.26 | 36.24 1.43 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.18 1.19 0.00 | 37.35 1.51 0.00 | 52.32 1.77 0.00 | 73.02 2.88 0.00 | 52.18 1.76 0.00 | 42.50 1.87 0.00 | 36.19 1.89 -0.50 | 36.13 1.89 -1.04 | 33.59 1.92 -0.68 | 32.50 1.95 -0.52 | 32.49 2.06 -0.52 | 33.87 2.16 0.00 | 39.78 2.53 0.00 | 54.81 2.56 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.27 2.01 0.00 | 44.93 1.77 0.00 | 42.43 1.59 0.00 | 39.62 1.63 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 37.39 1.56 -0.27 | 35.93 1.11 0.00 | 35.32 0.79 0.00 | 34.87 0.75 0.00 | 34.50 0.51 0.00 | 36.92 1.07 0.00 | 48.61 -1.92 0.02 | 63.56 -2.18 4.41 | 46.91 -2.02 1.48 | 40.19 -0.45 0.00 | 35.20 0.88 -0.53 | 35.47 1.16 -1.11 | 32.71 0.99 -0.73 | 31.79 1.20 -0.56 | 31.88 1.41 -0.57 | 33.28 1.55 -0.01 | 38.89 1.64 -0.01 | 51.98 -0.26 0.00 | 61.54 -1.55 4.41 | 63.54 -1.23 3.62 | 47.71 -1.21 1.34 | 43.42 0.26 0.00 | 41.82 0.98 0.00 | 39.39 1.41 0.00 |
| EAST_POINT___SOLAR 323840 | 36.70 1.21 0.07 | 35.93 1.11 0.00 | 35.66 1.14 0.00 | 35.28 1.16 0.00 | 35.14 1.16 0.00 | 37.42 1.58 0.00 | 53.13 2.58 0.00 | 73.51 3.37 0.00 | 50.56 0.15 0.00 | 39.05 -1.59 0.00 | 31.78 -1.89 0.12 | 30.96 -1.99 0.25 | 29.00 -1.83 0.17 | 28.04 -1.86 0.13 | 27.89 -1.88 0.13 | 29.87 -1.84 0.00 | 35.61 -1.64 0.00 | 52.71 0.47 0.00 | 70.20 2.70 0.00 | 71.47 3.08 0.00 | 52.46 2.21 0.00 | 45.10 1.94 0.00 | 42.39 1.55 0.00 | 39.28 1.29 0.00 |
| EAST_PULASKI___ESR 323781 | 35.31 -0.25 0.00 | 34.61 -0.21 0.00 | 34.29 -0.24 0.00 | 33.85 -0.27 0.00 | 33.82 -0.17 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.15 0.00 0.00 | 50.26 -0.15 0.00 | 40.27 -0.37 0.00 | 33.39 -0.40 0.00 | 32.73 -0.46 0.00 | 30.62 -0.37 0.00 | 29.58 -0.45 0.00 | 29.46 -0.45 0.00 | 31.21 -0.51 0.00 | 36.65 -0.60 0.00 | 51.62 -0.62 0.00 | 66.95 -0.54 0.00 | 67.84 -0.55 0.00 | 49.85 -0.40 0.00 | 42.94 -0.21 0.00 | 40.51 -0.33 0.00 | 37.83 -0.15 0.00 |
| EAST_RIVER___1 323558 | 37.78 1.95 -0.27 | 36.49 1.67 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.65 3.51 0.00 | 52.63 2.22 0.00 | 42.95 2.31 0.00 | 36.62 2.30 -0.53 | 36.58 2.29 -1.10 | 34.01 2.29 -0.72 | 32.95 2.37 -0.55 | 32.88 2.42 -0.55 | 34.22 2.50 0.00 | 40.22 2.98 0.00 | 55.27 3.03 0.00 | 71.00 3.51 0.00 | 71.94 3.55 0.00 | 52.62 2.36 0.00 | 45.36 2.20 0.00 | 43.17 2.33 0.00 | 40.00 2.01 0.00 |
| EAST_RIVER___2 323559 | 37.82 1.99 -0.27 | 36.49 1.67 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.67 2.12 0.00 | 73.79 3.65 0.00 | 52.83 2.42 0.00 | 43.07 2.44 0.00 | 36.72 2.40 -0.53 | 36.69 2.39 -1.10 | 34.10 2.39 -0.72 | 33.04 2.46 -0.55 | 32.97 2.51 -0.55 | 34.32 2.60 0.00 | 40.33 3.09 0.00 | 55.49 3.24 0.00 | 71.07 3.57 0.00 | 72.01 3.62 0.00 | 52.67 2.41 0.00 | 45.44 2.29 0.00 | 43.21 2.37 0.00 | 40.00 2.01 0.00 |
| EAST___DELAWARE_HYD 23607 | 37.76 2.03 -0.18 | 36.56 1.74 0.00 | 36.15 1.62 0.00 | 35.73 1.60 0.00 | 35.52 1.53 0.00 | 37.67 1.83 0.00 | 53.13 2.58 0.00 | 74.00 3.86 0.00 | 52.58 2.17 0.00 | 42.42 1.79 0.00 | 35.74 1.59 -0.36 | 35.43 1.50 -0.74 | 33.09 1.61 -0.49 | 32.02 1.62 -0.37 | 31.98 1.70 -0.37 | 33.49 1.77 0.00 | 39.52 2.27 0.00 | 55.33 3.08 0.00 | 71.41 3.91 0.00 | 72.42 4.03 0.00 | 53.02 2.76 0.00 | 45.49 2.33 0.00 | 43.13 2.29 0.00 | 40.00 2.01 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 35.38 -0.18 0.00 | 34.99 0.17 0.00 | 34.46 -0.07 0.00 | 34.23 0.10 0.00 | 34.53 0.54 0.00 | 36.02 0.18 0.00 | 51.41 0.86 0.00 | 70.15 0.00 0.00 | 50.77 0.36 0.00 | 40.51 -0.12 0.00 | 33.46 -0.34 0.00 | 32.73 -0.46 0.00 | 30.43 -0.56 0.00 | 29.37 -0.66 0.00 | 29.07 -0.84 0.00 | 30.70 -1.02 0.00 | 35.49 -1.75 0.00 | 50.89 -1.36 0.00 | 67.09 -0.40 0.00 | 67.70 -0.68 0.00 | 50.00 -0.25 0.00 | 42.81 -0.35 0.00 | 40.35 -0.49 0.00 | 38.40 0.42 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 35.17 -0.39 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.78 -0.34 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.35 -0.20 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.23 -0.41 0.00 | 33.39 -0.41 0.00 | 32.77 -0.43 0.00 | 30.65 -0.34 0.00 | 29.67 -0.36 0.00 | 29.49 -0.42 0.00 | 31.27 -0.44 0.00 | 36.69 -0.56 0.00 | 51.67 -0.57 0.00 | 66.96 -0.54 0.00 | 67.77 -0.62 0.00 | 49.80 -0.45 0.00 | 42.77 -0.39 0.00 | 40.56 -0.29 0.00 | 37.72 -0.27 0.00 |
| ELEC_TRO_TEK 24086 | 38.18 2.35 -0.27 | 36.73 1.91 0.00 | 36.29 1.76 0.00 | 35.80 1.67 0.00 | 35.52 1.53 0.00 | 37.78 1.94 0.00 | 51.50 0.96 0.01 | 70.60 1.75 1.30 | 50.92 0.91 0.40 | 42.50 1.87 0.00 | 36.69 2.37 -0.53 | 36.78 2.46 -1.12 | 34.17 2.45 -0.73 | 33.06 2.46 -0.57 | 33.02 2.54 -0.57 | 34.35 2.60 -0.03 | 40.28 3.02 -0.02 | 54.39 2.14 0.00 | 68.29 2.09 1.30 | 69.57 2.26 1.07 | 51.22 1.36 0.40 | 44.50 1.34 0.00 | 42.11 1.27 0.00 | 39.96 1.98 0.00 |
| ELLENBURG_WT_PWR 323604 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.84 0.31 0.00 | 34.40 0.27 0.00 | 34.29 0.31 0.00 | 36.10 0.25 0.00 | 50.75 0.20 0.00 | 70.29 0.14 0.00 | 50.56 0.15 0.00 | 40.76 0.12 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.87 -0.12 0.00 | 29.88 -0.15 0.00 | 29.70 -0.21 0.00 | 31.53 -0.19 0.00 | 37.17 -0.07 0.00 | 52.35 0.10 0.00 | 68.03 0.54 0.00 | 69.07 0.68 0.00 | 50.81 0.55 0.00 | 43.54 0.39 0.00 | 41.25 0.41 0.00 | 38.33 0.34 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 35.66 0.11 0.00 | 35.69 0.87 0.00 | 35.04 0.52 0.00 | 34.84 0.72 0.00 | 35.11 1.12 0.00 | 36.31 0.47 0.00 | 51.41 0.86 0.00 | 69.80 -0.35 0.00 | 51.37 0.96 0.00 | 41.65 1.02 0.00 | 34.54 0.74 0.00 | 33.76 0.56 0.00 | 31.33 0.34 0.00 | 30.33 0.30 0.00 | 29.90 0.00 0.00 | 31.56 -0.16 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 66.01 -1.48 0.00 | 66.61 -1.78 0.00 | 49.40 -0.85 0.00 | 42.51 -0.65 0.00 | 41.33 0.49 0.00 | 38.63 0.65 0.00 |
| EMPIRE_CC_1 323656 | 35.92 0.57 0.20 | 35.27 0.45 0.00 | 35.01 0.48 0.00 | 34.60 0.48 0.00 | 34.36 0.37 0.00 | 36.38 0.54 0.00 | 51.06 0.51 0.00 | 71.20 1.05 0.00 | 50.97 0.56 0.00 | 41.20 0.57 0.00 | 34.01 0.61 0.39 | 32.94 0.56 0.82 | 31.07 0.62 0.54 | 30.31 0.69 0.41 | 30.21 0.72 0.41 | 32.51 0.79 0.00 | 38.25 1.01 0.00 | 53.24 0.99 0.00 | 68.64 1.15 0.00 | 69.55 1.16 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.48 0.49 0.00 |
| EMPIRE_CC_2 323658 | 35.92 0.57 0.20 | 35.27 0.45 0.00 | 35.01 0.48 0.00 | 34.60 0.48 0.00 | 34.36 0.37 0.00 | 36.38 0.54 0.00 | 51.06 0.51 0.00 | 71.20 1.05 0.00 | 50.97 0.56 0.00 | 41.20 0.57 0.00 | 34.01 0.61 0.39 | 32.94 0.56 0.82 | 31.07 0.62 0.54 | 30.31 0.69 0.41 | 30.21 0.72 0.41 | 32.51 0.79 0.00 | 38.25 1.01 0.00 | 53.24 0.99 0.00 | 68.64 1.15 0.00 | 69.55 1.16 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.48 0.49 0.00 |
| ENORWICH_115KV_TB1 80156 | 37.22 1.64 -0.03 | 36.45 1.64 0.00 | 36.15 1.62 0.00 | 35.66 1.54 0.00 | 35.72 1.73 0.00 | 37.85 2.01 0.00 | 54.04 3.49 0.00 | 75.06 4.91 0.00 | 53.13 2.72 0.00 | 42.02 1.38 0.00 | 34.66 0.81 -0.05 | 33.84 0.53 -0.11 | 31.59 0.53 -0.07 | 30.32 0.24 -0.05 | 30.17 0.21 -0.05 | 31.94 0.22 0.00 | 37.88 0.63 0.00 | 54.70 2.46 0.00 | 71.82 4.32 0.00 | 72.76 4.38 0.00 | 53.42 3.17 0.00 | 45.70 2.55 0.00 | 43.29 2.45 0.00 | 40.11 2.13 0.00 |
| ERIE_ST__34_KV_TB1-2 80199 | 35.49 -0.07 0.00 | 35.51 0.70 0.00 | 34.84 0.31 0.00 | 34.67 0.55 0.00 | 34.94 0.95 0.00 | 36.24 0.39 0.00 | 51.56 1.01 0.00 | 70.08 -0.07 0.00 | 51.37 0.96 0.00 | 41.57 0.93 0.00 | 34.44 0.64 0.00 | 33.66 0.46 0.00 | 31.30 0.31 0.00 | 30.24 0.21 0.00 | 29.81 -0.09 0.00 | 31.49 -0.22 0.00 | 36.01 -1.23 0.00 | 50.78 -1.46 0.00 | 66.35 -1.15 0.00 | 67.02 -1.37 0.00 | 49.55 -0.70 0.00 | 42.55 -0.60 0.00 | 41.25 0.41 0.00 | 38.48 0.49 0.00 |
| ERIE_WT_PWR 323693 | 35.74 0.18 0.00 | 35.58 0.76 0.00 | 35.05 0.52 0.00 | 34.91 0.79 0.00 | 35.17 1.19 0.00 | 36.49 0.65 0.00 | 51.71 1.16 0.00 | 70.22 0.07 0.00 | 51.52 1.11 0.00 | 41.81 1.18 0.00 | 34.71 0.91 0.00 | 33.93 0.73 0.00 | 31.43 0.43 0.00 | 30.33 0.30 0.00 | 30.02 0.12 0.00 | 31.72 0.00 0.00 | 36.13 -1.12 0.00 | 50.89 -1.36 0.00 | 66.41 -1.08 0.00 | 67.02 -1.37 0.00 | 49.65 -0.60 0.00 | 42.55 -0.60 0.00 | 40.19 -0.66 0.00 | 38.48 0.49 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 36.20 0.68 0.03 | 35.41 0.59 0.00 | 35.18 0.66 0.00 | 34.74 0.61 0.00 | 34.63 0.65 0.00 | 36.74 0.90 0.00 | 52.12 1.57 0.00 | 72.32 2.17 0.00 | 50.97 0.55 0.00 | 40.47 -0.16 0.00 | 33.40 -0.34 0.06 | 32.58 -0.50 0.12 | 30.48 -0.43 0.08 | 29.46 -0.51 0.06 | 29.36 -0.48 0.06 | 31.27 -0.44 0.00 | 36.91 -0.34 0.00 | 52.92 0.68 0.00 | 69.18 1.69 0.00 | 70.23 1.85 0.00 | 51.56 1.31 0.00 | 44.28 1.12 0.00 | 41.74 0.90 0.00 | 38.75 0.76 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 36.02 0.46 0.00 | 35.41 0.59 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.45 0.61 0.00 | 51.81 1.26 0.00 | 71.69 1.54 0.00 | 51.37 0.96 0.00 | 41.08 0.45 0.00 | 34.00 0.20 0.00 | 33.33 0.13 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.87 0.63 0.00 | 68.85 1.35 0.00 | 69.69 1.30 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.62 0.78 0.00 | 38.71 0.72 0.00 |
| ETNA____115KV_TB2 80207 | 36.02 0.46 0.00 | 35.41 0.59 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.45 0.61 0.00 | 51.81 1.26 0.00 | 71.69 1.54 0.00 | 51.37 0.96 0.00 | 41.08 0.45 0.00 | 34.00 0.20 0.00 | 33.33 0.13 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.87 0.63 0.00 | 68.85 1.35 0.00 | 69.69 1.30 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.62 0.78 0.00 | 38.71 0.72 0.00 |
| EUCLID__115KV_TB2 356179 | 35.06 -0.50 0.00 | 34.40 -0.42 0.00 | 34.04 -0.48 0.00 | 33.68 -0.44 0.00 | 33.61 -0.37 0.00 | 35.38 -0.47 0.00 | 50.05 -0.51 0.00 | 69.38 -0.77 0.00 | 49.86 -0.55 0.00 | 40.11 -0.53 0.00 | 33.32 -0.47 0.00 | 32.70 -0.50 0.00 | 30.59 -0.40 0.00 | 29.61 -0.42 0.00 | 29.46 -0.45 0.00 | 31.24 -0.48 0.00 | 36.61 -0.63 0.00 | 51.46 -0.78 0.00 | 66.55 -0.94 0.00 | 67.36 -1.03 0.00 | 49.55 -0.70 0.00 | 42.55 -0.60 0.00 | 40.39 -0.45 0.00 | 37.57 -0.42 0.00 |
| E_CANADA_CAP_HY 24051 | 36.07 0.57 0.06 | 35.30 0.49 0.00 | 35.05 0.52 0.00 | 34.67 0.54 0.00 | 34.53 0.54 0.00 | 36.70 0.86 0.00 | 52.07 1.52 0.00 | 72.18 2.04 0.00 | 50.36 -0.05 0.00 | 39.54 -1.10 0.00 | 32.44 -1.25 0.10 | 31.56 -1.43 0.22 | 29.52 -1.33 0.14 | 28.57 -1.35 0.11 | 28.48 -1.32 0.11 | 30.48 -1.24 0.00 | 36.13 -1.12 0.00 | 52.30 0.05 0.00 | 68.78 1.28 0.00 | 69.96 1.57 0.00 | 51.36 1.10 0.00 | 44.24 1.08 0.00 | 41.66 0.82 0.00 | 38.59 0.61 0.00 |
| E_CANADA_MHWK_HY 24050 | 37.12 1.56 0.00 | 36.28 1.46 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.45 1.46 0.00 | 37.42 1.58 0.00 | 52.83 2.28 0.00 | 73.23 3.08 0.00 | 52.48 2.07 0.00 | 42.22 1.58 0.00 | 35.15 1.35 0.00 | 34.46 1.26 0.00 | 32.17 1.18 0.00 | 31.05 1.02 0.00 | 30.89 0.99 0.00 | 32.73 1.01 0.00 | 38.47 1.23 0.00 | 54.18 1.93 0.00 | 70.26 2.77 0.00 | 71.32 2.94 0.00 | 52.41 2.16 0.00 | 45.10 1.94 0.00 | 42.72 1.88 0.00 | 39.77 1.79 0.00 |
| E_FISHKILL__LBMP 23776 | 37.25 1.28 -0.42 | 35.86 1.04 0.00 | 35.49 0.97 0.00 | 35.08 0.96 0.00 | 34.84 0.85 0.00 | 36.96 1.11 0.00 | 51.76 1.21 0.00 | 72.25 2.10 0.00 | 51.62 1.21 0.00 | 42.02 1.38 0.00 | 36.06 1.45 -0.81 | 36.35 1.46 -1.69 | 33.59 1.49 -1.11 | 32.41 1.53 -0.85 | 32.38 1.61 -0.86 | 33.43 1.71 0.00 | 39.26 2.01 0.00 | 54.18 1.93 0.00 | 69.66 2.16 0.00 | 70.64 2.26 0.00 | 51.71 1.46 0.00 | 44.45 1.29 0.00 | 42.03 1.18 0.00 | 39.16 1.18 0.00 |
| FALCON__SEABRD_CC1 323796 | 36.09 0.53 0.00 | 35.48 0.66 0.00 | 35.15 0.62 0.00 | 34.67 0.54 0.00 | 34.56 0.58 0.00 | 36.35 0.50 0.00 | 50.81 0.25 0.00 | 70.15 0.00 0.00 | 50.41 0.00 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.88 -0.15 0.00 | 29.63 -0.27 0.00 | 31.53 -0.19 0.00 | 37.24 0.00 0.00 | 52.40 0.16 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 51.06 0.80 0.00 | 43.72 0.56 0.00 | 41.66 0.82 0.00 | 38.71 0.72 0.00 |
| FALCON__SEABRD_CC2 323797 | 36.09 0.53 0.00 | 35.48 0.66 0.00 | 35.15 0.62 0.00 | 34.67 0.54 0.00 | 34.56 0.58 0.00 | 36.35 0.50 0.00 | 50.81 0.25 0.00 | 70.15 0.00 0.00 | 50.41 0.00 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.88 -0.15 0.00 | 29.63 -0.27 0.00 | 31.53 -0.19 0.00 | 37.24 0.00 0.00 | 52.40 0.16 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 51.06 0.80 0.00 | 43.72 0.56 0.00 | 41.66 0.82 0.00 | 38.71 0.72 0.00 |

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| FAR ROCKAWAY___4 23548 | 38.67 2.84 -0.27 | 37.22 2.40 0.00 | 36.70 2.18 0.00 | 36.24 2.12 0.00 | 35.92 1.94 0.00 | 38.28 2.44 0.00 | 52.11 1.57 0.01 | 71.95 2.53 0.72 | 51.57 1.36 0.20 | 42.95 2.32 0.00 | 37.13 2.80 -0.53 | 37.21 2.89 -1.12 | 34.57 2.85 -0.73 | 33.48 2.88 -0.57 | 33.41 2.93 -0.57 | 34.78 3.01 -0.05 | 40.83 3.58 -0.01 | 55.17 2.93 0.00 | 69.81 3.04 0.72 | 71.08 3.28 0.59 | 52.14 2.11 0.22 | 45.14 1.99 0.00 | 42.64 1.80 0.00 | 40.46 2.47 0.00 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.18 1.66 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.58 2.17 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.59 2.29 -1.10 | 33.97 2.26 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.22 2.51 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.57 2.31 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.58 2.17 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.59 2.29 -1.10 | 33.97 2.26 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.22 2.51 0.00 | 40.22 2.98 0.00 | 55.28 3.03 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.58 2.17 0.00 | 42.91 2.28 0.00 | 36.59 2.26 -0.53 | 36.59 2.29 -1.10 | 33.97 2.26 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.22 2.51 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 70.94 3.44 0.00 | 71.87 3.49 0.00 | 52.57 2.31 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| FARRAGUT___LBMP 323566 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.57 1.72 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.55 2.26 -1.10 | 33.94 2.23 -0.72 | 32.86 2.28 -0.55 | 32.85 2.39 -0.55 | 34.19 2.47 0.00 | 40.15 2.91 0.00 | 55.17 2.93 0.00 | 70.87 3.37 0.00 | 71.81 3.42 0.00 | 52.52 2.26 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| FENNER___WINDPWR 24204 | 36.09 0.53 0.00 | 35.34 0.52 0.00 | 35.05 0.52 0.00 | 34.60 0.48 0.00 | 34.56 0.58 0.00 | 36.49 0.65 0.00 | 51.76 1.21 0.00 | 71.83 1.68 0.00 | 51.37 0.96 0.00 | 41.12 0.49 0.00 | 34.13 0.34 0.00 | 33.43 0.23 0.00 | 31.24 0.25 0.00 | 30.18 0.15 0.00 | 30.05 0.15 0.00 | 31.87 0.16 0.00 | 37.47 0.22 0.00 | 53.08 0.83 0.00 | 68.92 1.42 0.00 | 69.82 1.44 0.00 | 51.31 1.06 0.00 | 43.98 0.82 0.00 | 41.54 0.69 0.00 | 38.63 0.65 0.00 |
| FIBERTEK___ENERGY 23856 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| FITZPATRICK___ 23598 | 34.56 -1.00 0.00 | 33.88 -0.94 0.00 | 33.56 -0.97 0.00 | 33.20 -0.92 0.00 | 33.10 -0.88 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.10 -1.31 0.00 | 39.54 -1.10 0.00 | 32.85 -0.95 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 36.96 -1.02 0.00 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 37.64 1.81 -0.27 | 36.31 1.50 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.28 1.29 0.00 | 37.46 1.61 0.00 | 52.62 2.07 0.00 | 73.37 3.23 0.00 | 52.28 1.87 0.00 | 42.38 1.75 0.00 | 35.94 1.62 -0.53 | 35.85 1.56 -1.09 | 33.35 1.64 -0.72 | 32.26 1.68 -0.55 | 32.25 1.79 -0.55 | 33.59 1.87 0.00 | 39.55 2.31 0.00 | 54.96 2.72 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.52 2.26 0.00 | 45.14 1.99 0.00 | 42.60 1.76 0.00 | 39.70 1.71 0.00 |
| FORT ORANGE___ 23900 | 35.86 0.39 0.09 | 35.09 0.28 0.00 | 34.84 0.31 0.00 | 34.40 0.27 0.00 | 34.16 0.17 0.00 | 35.99 0.14 0.00 | 50.45 -0.10 0.00 | 70.29 0.14 0.00 | 50.36 -0.05 0.00 | 40.63 0.00 0.00 | 33.73 0.14 0.20 | 32.92 0.13 0.41 | 30.91 0.19 0.27 | 30.06 0.24 0.21 | 29.99 0.30 0.21 | 32.06 0.35 0.00 | 37.73 0.48 0.00 | 52.71 0.47 0.00 | 68.03 0.54 0.00 | 69.00 0.61 0.00 | 50.66 0.40 0.00 | 43.54 0.39 0.00 | 41.21 0.37 0.00 | 38.25 0.27 0.00 |
| FORT_DRUM_COGEN 23780 | 36.45 0.89 0.00 | 35.62 0.80 0.00 | 35.36 0.83 0.00 | 34.84 0.72 0.00 | 34.84 0.85 0.00 | 36.96 1.11 0.00 | 52.52 1.97 0.00 | 73.23 3.09 0.00 | 51.87 1.46 0.00 | 41.16 0.53 0.00 | 34.00 0.20 0.00 | 33.27 0.07 0.00 | 31.05 0.06 0.00 | 29.88 -0.15 0.00 | 29.75 -0.15 0.00 | 31.49 -0.22 0.00 | 37.24 0.00 0.00 | 53.45 1.20 0.00 | 69.99 2.50 0.00 | 71.05 2.67 0.00 | 52.21 1.96 0.00 | 44.84 1.68 0.00 | 42.27 1.43 0.00 | 39.09 1.10 0.00 |
| FOX_HILLS___ESR 323835 | 38.00 2.17 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.84 1.71 -0.01 | 35.62 1.63 -0.01 | 37.82 1.97 -0.01 | 52.12 1.57 0.00 | 72.81 2.67 0.00 | 51.92 1.51 0.00 | 42.83 2.19 0.00 | 36.63 2.30 -0.54 | 36.63 2.32 -1.11 | 33.98 2.26 -0.73 | 32.90 2.31 -0.56 | 32.86 2.39 -0.56 | 34.26 2.54 -0.01 | 40.23 2.98 -0.01 | 54.86 2.61 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.21 1.96 0.00 | 45.06 1.90 0.00 | 42.76 1.92 0.00 | 40.12 2.13 -0.01 |
| FPL_FAR_ROCK_GT1 24212 | 38.67 2.85 -0.27 | 37.29 2.47 0.00 | 36.70 2.18 0.00 | 36.24 2.12 0.00 | 35.92 1.94 0.00 | 38.28 2.44 0.00 | 51.96 1.41 0.01 | 71.95 2.52 0.72 | 51.57 1.36 0.20 | 42.87 2.23 0.00 | 37.03 2.70 -0.53 | 37.20 2.89 -1.12 | 34.41 2.69 -0.73 | 33.39 2.79 -0.57 | 33.41 2.93 -0.57 | 34.81 3.04 -0.05 | 40.80 3.54 -0.01 | 55.17 2.92 0.00 | 69.82 3.04 0.72 | 71.08 3.28 0.59 | 52.14 2.11 0.22 | 45.75 2.59 0.00 | 43.74 2.90 0.00 | 40.72 2.74 0.00 |
| FPL_FAR_ROCK_GT2 23815 | 38.67 2.85 -0.27 | 37.29 2.47 0.00 | 36.70 2.18 0.00 | 36.24 2.12 0.00 | 35.92 1.94 0.00 | 38.28 2.44 0.00 | 51.96 1.41 0.01 | 71.95 2.52 0.72 | 51.57 1.36 0.20 | 42.87 2.23 0.00 | 37.03 2.70 -0.53 | 37.20 2.89 -1.12 | 34.41 2.69 -0.73 | 33.39 2.79 -0.57 | 33.41 2.93 -0.57 | 34.81 3.04 -0.05 | 40.80 3.54 -0.01 | 55.17 2.92 0.00 | 69.82 3.04 0.72 | 71.08 3.28 0.59 | 52.14 2.11 0.22 | 45.75 2.59 0.00 | 43.74 2.90 0.00 | 40.72 2.74 0.00 |
| FRANKLIN_FALL_HYD 24054 | 36.45 0.89 0.00 | 35.79 0.97 0.00 | 35.42 0.90 0.00 | 34.98 0.85 0.00 | 34.90 0.92 0.00 | 36.74 0.90 0.00 | 51.92 1.36 0.00 | 71.76 1.61 0.00 | 51.57 1.16 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.80 0.60 0.00 | 31.33 0.34 0.00 | 30.30 0.27 0.00 | 30.08 0.18 0.00 | 32.00 0.29 0.00 | 37.77 0.52 0.00 | 53.50 1.25 0.00 | 69.59 2.09 0.00 | 70.64 2.26 0.00 | 52.06 1.81 0.00 | 44.62 1.47 0.00 | 42.03 1.18 0.00 | 38.97 0.99 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 38.39 2.56 -0.27 | 36.98 2.16 0.00 | 36.42 1.90 0.00 | 35.97 1.84 0.00 | 35.65 1.66 0.00 | 37.92 2.08 0.00 | 51.39 0.86 0.01 | 68.93 1.82 3.04 | 50.35 0.86 0.92 | 42.46 1.83 0.00 | 36.69 2.36 -0.53 | 36.91 2.59 -1.12 | 34.14 2.42 -0.73 | 33.12 2.52 -0.56 | 33.13 2.66 -0.57 | 34.50 2.76 -0.03 | 40.49 3.24 -0.01 | 54.54 2.30 0.00 | 66.68 2.22 3.04 | 68.35 2.46 2.49 | 50.84 1.51 0.92 | 45.27 2.11 0.00 | 43.37 2.53 0.00 | 40.42 2.43 0.00 |
| FREEPORT___CT2 23818 | 38.39 2.56 -0.27 | 36.98 2.16 0.00 | 36.42 1.90 0.00 | 35.97 1.84 0.00 | 35.65 1.66 0.00 | 37.92 2.08 0.00 | 51.39 0.86 0.01 | 68.93 1.82 3.04 | 50.35 0.86 0.92 | 42.46 1.83 0.00 | 36.69 2.36 -0.53 | 36.91 2.59 -1.12 | 34.14 2.42 -0.73 | 33.12 2.52 -0.56 | 33.13 2.66 -0.57 | 34.50 2.76 -0.03 | 40.49 3.24 -0.01 | 54.54 2.30 0.00 | 66.68 2.22 3.04 | 68.35 2.46 2.49 | 50.84 1.51 0.92 | 45.27 2.11 0.00 | 43.37 2.53 0.00 | 40.42 2.43 0.00 |
| FRESHKLS_33_KV_LOAD 356253 | 38.11 2.28 -0.28 | 36.77 1.95 -0.01 | 36.36 1.83 -0.01 | 35.94 1.81 -0.01 | 35.73 1.73 -0.01 | 37.93 2.08 -0.01 | 52.07 1.52 0.00 | 72.67 2.53 0.00 | 51.77 1.36 0.00 | 42.79 2.15 0.00 | 36.66 2.33 -0.54 | 36.63 2.32 -1.11 | 33.95 2.23 -0.73 | 32.90 2.31 -0.56 | 32.83 2.36 -0.56 | 34.26 2.54 -0.01 | 40.23 2.98 -0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 45.06 1.90 0.00 | 42.72 1.88 0.00 | 40.16 2.17 -0.01 |
| FULTON COGEN____ 23766 | 34.99 -0.57 0.00 | 34.33 -0.49 0.00 | 33.97 -0.55 0.00 | 33.61 -0.51 0.00 | 33.54 -0.44 0.00 | 35.31 -0.54 0.00 | 50.00 -0.56 0.00 | 69.31 -0.84 0.00 | 49.81 -0.60 0.00 | 40.03 -0.61 0.00 | 33.25 -0.54 0.00 | 32.60 -0.60 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.37 -0.54 0.00 | 31.14 -0.57 0.00 | 36.54 -0.71 0.00 | 51.36 -0.89 0.00 | 66.42 -1.08 0.00 | 67.22 -1.16 0.00 | 49.45 -0.80 0.00 | 42.47 -0.69 0.00 | 40.27 -0.57 0.00 | 37.49 -0.49 0.00 |
| FULTON___LFGE 323630 | 36.59 1.10 0.07 | 35.83 1.01 0.00 | 35.53 1.00 0.00 | 35.15 1.02 0.00 | 35.00 1.02 0.00 | 37.21 1.36 0.00 | 52.77 2.22 0.00 | 73.16 3.01 0.00 | 51.12 0.71 0.00 | 40.07 -0.57 0.00 | 32.76 -0.91 0.13 | 31.81 -1.13 0.26 | 29.71 -1.11 0.17 | 28.76 -1.14 0.13 | 28.72 -1.05 0.13 | 30.89 -0.82 0.00 | 36.80 -0.45 0.00 | 53.19 0.94 0.00 | 69.86 2.36 0.00 | 71.05 2.66 0.00 | 52.16 1.91 0.00 | 44.84 1.68 0.00 | 42.23 1.39 0.00 | 39.12 1.14 0.00 |
| G.F.CEMENT___DRP 24184 | 36.48 1.03 0.11 | 35.76 0.94 0.00 | 35.49 0.97 0.00 | 35.15 1.02 0.00 | 34.94 0.95 0.00 | 36.99 1.15 0.00 | 52.27 1.72 0.00 | 72.67 2.53 0.00 | 51.72 1.31 0.00 | 41.20 0.57 0.00 | 33.99 0.41 0.21 | 33.02 0.27 0.44 | 30.89 0.19 0.29 | 29.96 0.15 0.22 | 29.92 0.24 0.22 | 32.13 0.41 0.00 | 37.88 0.63 0.00 | 53.50 1.25 0.00 | 69.52 2.02 0.00 | 70.71 2.33 0.00 | 51.91 1.66 0.00 | 44.50 1.34 0.00 | 41.90 1.06 0.00 | 38.90 0.91 0.00 |
| GARDENVILLE___LBMP 24039 | 35.63 0.07 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.77 0.65 0.00 | 35.07 1.09 0.00 | 36.27 0.43 0.00 | 51.46 0.91 0.00 | 69.94 -0.21 0.00 | 51.32 0.91 0.00 | 41.53 0.89 0.00 | 34.40 0.61 0.00 | 33.63 0.43 0.00 | 31.24 0.25 0.00 | 30.21 0.18 0.00 | 29.78 -0.12 0.00 | 31.43 -0.29 0.00 | 35.90 -1.34 0.00 | 50.68 -1.57 0.00 | 66.15 -1.35 0.00 | 66.74 -1.64 0.00 | 49.50 -0.75 0.00 | 42.55 -0.60 0.00 | 41.33 0.49 0.00 | 38.63 0.65 0.00 |
| GARDNVLA_35_KV_LD 355827 | 35.81 0.25 0.00 | 35.83 1.01 0.00 | 35.18 0.66 0.00 | 34.98 0.85 0.00 | 35.24 1.26 0.00 | 36.53 0.68 0.00 | 51.81 1.26 0.00 | 70.36 0.21 0.00 | 51.72 1.31 0.00 | 41.89 1.26 0.00 | 34.74 0.95 0.00 | 33.93 0.73 0.00 | 31.52 0.53 0.00 | 30.48 0.45 0.00 | 30.05 0.15 0.00 | 31.75 0.03 0.00 | 36.24 -1.01 0.00 | 51.10 -1.15 0.00 | 66.62 -0.88 0.00 | 67.22 -1.16 0.00 | 49.85 -0.40 0.00 | 42.90 -0.26 0.00 | 41.66 0.82 0.00 | 38.82 0.84 0.00 |
| GELCKHM___115KV_LOAD 80723 | 35.17 -0.39 0.00 | 34.50 -0.31 0.00 | 34.15 -0.38 0.00 | 33.78 -0.34 0.00 | 33.71 -0.27 0.00 | 35.49 -0.36 0.00 | 50.25 -0.30 0.00 | 69.66 -0.49 0.00 | 50.06 -0.35 0.00 | 40.23 -0.41 0.00 | 33.42 -0.37 0.00 | 32.80 -0.40 0.00 | 30.68 -0.31 0.00 | 29.70 -0.33 0.00 | 29.52 -0.39 0.00 | 31.30 -0.41 0.00 | 36.72 -0.52 0.00 | 51.67 -0.57 0.00 | 66.82 -0.67 0.00 | 67.63 -0.75 0.00 | 49.75 -0.50 0.00 | 42.73 -0.43 0.00 | 40.52 -0.33 0.00 | 37.68 -0.30 0.00 |
| GENERAL___MILLS 23808 | 35.70 0.14 0.00 | 35.72 0.91 0.00 | 35.08 0.55 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.42 0.57 0.00 | 51.66 1.11 0.00 | 70.15 0.00 0.00 | 51.52 1.11 0.00 | 41.73 1.10 0.00 | 34.61 0.81 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.93 0.03 0.00 | 31.62 -0.10 0.00 | 36.09 -1.15 0.00 | 50.83 -1.41 0.00 | 66.35 -1.15 0.00 | 66.95 -1.44 0.00 | 49.60 -0.65 0.00 | 42.68 -0.47 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |
| GE_PLASTICS___DRP 24183 | 35.85 0.36 0.07 | 35.03 0.21 0.00 | 34.80 0.28 0.00 | 34.40 0.27 0.00 | 34.16 0.17 0.00 | 36.13 0.29 0.00 | 50.70 0.15 0.00 | 70.57 0.42 0.00 | 50.56 0.15 0.00 | 40.84 0.20 0.00 | 33.97 0.30 0.13 | 33.23 0.30 0.27 | 31.12 0.31 0.18 | 30.25 0.36 0.14 | 30.19 0.42 0.14 | 32.16 0.44 0.00 | 37.77 0.52 0.00 | 52.72 0.47 0.00 | 67.90 0.40 0.00 | 68.86 0.48 0.00 | 50.56 0.30 0.00 | 43.42 0.26 0.00 | 41.01 0.16 0.00 | 38.14 0.15 0.00 |
| GILBOA___1 23756 | 36.23 0.64 -0.04 | 35.34 0.52 0.00 | 35.29 0.76 0.00 | 34.87 0.75 0.00 | 34.56 0.58 0.00 | 36.42 0.57 0.00 | 51.21 0.66 0.00 | 71.13 0.98 0.00 | 51.02 0.61 0.00 | 41.25 0.61 0.00 | 34.51 0.64 -0.07 | 33.98 0.63 -0.15 | 31.74 0.65 -0.10 | 30.80 0.69 -0.07 | 30.70 0.72 -0.07 | 32.48 0.76 0.00 | 38.18 0.93 0.00 | 53.19 0.94 0.00 | 68.24 0.74 0.00 | 69.14 0.75 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| GILBOA___2 23757 | 36.23 0.64 -0.04 | 35.34 0.52 0.00 | 35.29 0.76 0.00 | 34.87 0.75 0.00 | 34.56 0.58 0.00 | 36.42 0.57 0.00 | 51.21 0.66 0.00 | 71.13 0.98 0.00 | 51.02 0.61 0.00 | 41.25 0.61 0.00 | 34.51 0.64 -0.07 | 33.98 0.63 -0.15 | 31.74 0.65 -0.10 | 30.80 0.69 -0.07 | 30.70 0.72 -0.07 | 32.48 0.76 0.00 | 38.18 0.93 0.00 | 53.19 0.94 0.00 | 68.24 0.74 0.00 | 69.14 0.75 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| GILBOA___3 23758 | 36.23 0.64 -0.04 | 35.34 0.52 0.00 | 35.29 0.76 0.00 | 34.87 0.75 0.00 | 34.56 0.58 0.00 | 36.42 0.57 0.00 | 51.21 0.66 0.00 | 71.13 0.98 0.00 | 51.02 0.61 0.00 | 41.25 0.61 0.00 | 34.51 0.64 -0.07 | 33.98 0.63 -0.15 | 31.74 0.65 -0.10 | 30.80 0.69 -0.07 | 30.70 0.72 -0.07 | 32.48 0.76 0.00 | 38.18 0.93 0.00 | 53.19 0.94 0.00 | 68.24 0.74 0.00 | 69.14 0.75 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| GILBOA___4 23759 | 36.23 0.64 -0.04 | 35.34 0.52 0.00 | 35.29 0.76 0.00 | 34.87 0.75 0.00 | 34.56 0.58 0.00 | 36.42 0.57 0.00 | 51.21 0.66 0.00 | 71.13 0.98 0.00 | 51.02 0.61 0.00 | 41.25 0.61 0.00 | 34.51 0.64 -0.07 | 33.98 0.63 -0.15 | 31.74 0.65 -0.10 | 30.80 0.69 -0.07 | 30.70 0.72 -0.07 | 32.48 0.76 0.00 | 38.18 0.93 0.00 | 53.19 0.94 0.00 | 68.24 0.74 0.00 | 69.14 0.75 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |

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| GILBOA____ 23599 | 36.23 0.64 -0.04 | 35.34 0.52 0.00 | 35.29 0.76 0.00 | 34.87 0.75 0.00 | 34.56 0.58 0.00 | 36.42 0.57 0.00 | 51.21 0.66 0.00 | 71.13 0.98 0.00 | 51.02 0.60 0.00 | 41.28 0.65 0.00 | 34.51 0.64 -0.07 | 33.98 0.63 -0.15 | 31.74 0.65 -0.10 | 30.79 0.69 -0.07 | 30.73 0.75 -0.07 | 32.48 0.76 0.00 | 38.18 0.93 0.00 | 53.19 0.94 0.00 | 68.24 0.74 0.00 | 69.14 0.75 0.00 | 51.01 0.75 0.00 | 43.80 0.65 0.00 | 41.41 0.57 0.00 | 38.56 0.57 0.00 |
| GINNA____ 23603 | 33.92 -1.64 0.00 | 33.46 -1.36 0.00 | 33.04 -1.48 0.00 | 32.69 -1.43 0.00 | 32.76 -1.22 0.00 | 34.27 -1.58 0.00 | 48.78 -1.77 0.00 | 67.27 -2.88 0.00 | 48.65 -1.77 0.00 | 39.25 -1.38 0.00 | 32.48 -1.32 0.00 | 31.81 -1.39 0.00 | 29.66 -1.33 0.00 | 28.62 -1.41 0.00 | 28.41 -1.49 0.00 | 30.06 -1.65 0.00 | 34.93 -2.31 0.00 | 49.53 -2.72 0.00 | 64.19 -3.31 0.00 | 64.97 -3.42 0.00 | 47.94 -2.31 0.00 | 41.09 -2.07 0.00 | 38.72 -2.13 0.00 | 36.39 -1.59 0.00 |
| GLEN PARK____ 23778 | 36.62 1.07 0.00 | 35.76 0.94 0.00 | 35.53 1.00 0.00 | 34.98 0.85 0.00 | 34.97 0.99 0.00 | 37.06 1.22 0.00 | 52.83 2.28 0.00 | 73.65 3.51 0.00 | 52.07 1.66 0.00 | 41.32 0.69 0.00 | 34.10 0.30 0.00 | 33.33 0.13 0.00 | 31.12 0.12 0.00 | 29.91 -0.12 0.00 | 29.81 -0.09 0.00 | 31.56 -0.16 0.00 | 37.36 0.11 0.00 | 53.71 1.46 0.00 | 70.40 2.90 0.00 | 71.47 3.08 0.00 | 52.52 2.26 0.00 | 45.05 1.90 0.00 | 42.35 1.51 0.00 | 39.24 1.25 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 38.08 2.24 -0.28 | 36.74 1.91 -0.01 | 36.26 1.73 -0.01 | 35.84 1.71 -0.01 | 35.63 1.63 -0.01 | 37.86 2.01 -0.01 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.58 2.17 0.00 | 43.15 2.52 0.00 | 36.87 2.53 -0.54 | 36.83 2.52 -1.11 | 34.20 2.48 -0.73 | 33.11 2.52 -0.56 | 33.10 2.63 -0.56 | 34.45 2.73 -0.01 | 40.49 3.24 -0.01 | 55.33 3.08 0.00 | 70.94 3.44 0.00 | 71.87 3.49 0.00 | 52.62 2.36 0.00 | 45.40 2.24 0.00 | 43.05 2.21 0.00 | 40.20 2.20 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 38.07 2.24 -0.27 | 36.66 1.85 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.74 1.90 0.00 | 52.01 1.47 0.01 | 70.23 2.53 2.45 | 51.20 1.46 0.67 | 42.67 2.03 0.00 | 36.69 2.37 -0.53 | 36.74 2.42 -1.12 | 34.10 2.39 -0.73 | 33.03 2.43 -0.57 | 32.99 2.51 -0.57 | 34.34 2.60 -0.03 | 40.31 3.05 -0.02 | 54.86 2.61 0.00 | 67.89 2.83 2.44 | 69.32 2.94 2.00 | 51.43 1.91 0.74 | 44.88 1.73 0.00 | 42.43 1.59 0.00 | 40.00 2.01 0.00 |
| GLENWOOD_IC_2_G1 23688 | 37.85 2.03 -0.27 | 36.52 1.71 0.00 | 36.04 1.52 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.02 1.47 0.00 | 72.65 2.52 0.02 | 51.92 1.51 0.01 | 42.54 1.91 0.00 | 36.42 2.10 -0.53 | 36.46 2.16 -1.10 | 33.83 2.11 -0.73 | 32.77 2.19 -0.55 | 32.77 2.30 -0.56 | 34.10 2.38 0.00 | 40.04 2.79 0.00 | 54.75 2.51 0.00 | 70.18 2.70 0.02 | 71.24 2.87 0.02 | 52.05 1.81 0.01 | 45.14 1.99 0.00 | 43.05 2.20 0.00 | 39.96 1.97 0.00 |
| GLENWOOD_IC_3_G1 23689 | 37.85 2.03 -0.27 | 36.52 1.71 0.00 | 36.04 1.52 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.02 1.47 0.00 | 72.65 2.52 0.02 | 51.92 1.51 0.01 | 42.54 1.91 0.00 | 36.42 2.10 -0.53 | 36.46 2.16 -1.10 | 33.83 2.11 -0.73 | 32.77 2.19 -0.55 | 32.77 2.30 -0.56 | 34.10 2.38 0.00 | 40.04 2.79 0.00 | 54.75 2.51 0.00 | 70.18 2.70 0.02 | 71.24 2.87 0.02 | 52.05 1.81 0.01 | 45.14 1.99 0.00 | 43.05 2.20 0.00 | 39.96 1.97 0.00 |
| GLENWOOD____4 23550 | 38.07 2.24 -0.27 | 36.66 1.85 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.74 1.90 0.00 | 52.01 1.47 0.01 | 70.23 2.53 2.45 | 51.20 1.46 0.67 | 42.67 2.03 0.00 | 36.69 2.37 -0.53 | 36.74 2.42 -1.12 | 34.10 2.39 -0.73 | 33.03 2.43 -0.57 | 32.99 2.51 -0.57 | 34.34 2.60 -0.03 | 40.31 3.05 -0.02 | 54.86 2.61 0.00 | 67.89 2.83 2.44 | 69.32 2.94 2.00 | 51.43 1.91 0.74 | 44.88 1.73 0.00 | 42.43 1.59 0.00 | 40.00 2.01 0.00 |
| GLENWOOD____5 23614 | 38.07 2.24 -0.27 | 36.66 1.85 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.74 1.90 0.00 | 52.01 1.47 0.01 | 70.23 2.53 2.45 | 51.20 1.46 0.67 | 42.67 2.03 0.00 | 36.69 2.37 -0.53 | 36.74 2.42 -1.12 | 34.10 2.39 -0.73 | 33.03 2.43 -0.57 | 32.99 2.51 -0.57 | 34.34 2.60 -0.03 | 40.31 3.05 -0.02 | 54.86 2.61 0.00 | 67.89 2.83 2.44 | 69.32 2.94 2.00 | 51.43 1.91 0.74 | 44.88 1.73 0.00 | 42.43 1.59 0.00 | 40.00 2.01 0.00 |
| GLOBAL GREEN_PORT_GT1 23814 | 37.78 1.95 -0.27 | 36.31 1.50 0.00 | 35.73 1.21 0.00 | 35.25 1.12 0.00 | 34.90 0.92 0.00 | 37.35 1.51 0.00 | 49.42 -1.11 0.02 | 64.60 -1.13 4.42 | 47.67 -1.26 1.48 | 40.84 0.20 0.00 | 35.64 1.32 -0.53 | 35.90 1.59 -1.11 | 33.11 1.40 -0.73 | 32.18 1.59 -0.56 | 32.26 1.79 -0.57 | 33.66 1.93 -0.01 | 39.45 2.20 -0.01 | 52.77 0.52 0.00 | 62.54 -0.54 4.41 | 64.56 -0.20 3.62 | 48.47 -0.45 1.34 | 44.06 0.91 0.00 | 42.43 1.59 0.00 | 39.85 1.86 0.00 |
| GLOBE____DSASP 323697 | 35.56 0.00 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.77 0.65 0.00 | 35.04 1.05 0.00 | 36.06 0.22 0.00 | 50.30 -0.25 0.00 | 68.18 -1.96 0.00 | 50.36 -0.05 0.00 | 41.00 0.37 0.00 | 34.07 0.27 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.85 -0.18 0.00 | 29.46 -0.45 0.00 | 31.11 -0.60 0.00 | 35.31 -1.94 0.00 | 49.48 -2.77 0.00 | 64.26 -3.24 0.00 | 64.83 -3.56 0.00 | 48.29 -1.96 0.00 | 41.60 -1.55 0.00 | 40.64 -0.20 0.00 | 38.48 0.49 0.00 |
| GOETHSLN____LBMP 323567 | 37.60 1.78 -0.27 | 36.28 1.46 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.14 1.16 0.00 | 37.39 1.54 0.00 | 52.37 1.82 0.00 | 73.23 3.09 0.00 | 52.33 1.92 0.00 | 42.71 2.07 0.00 | 36.45 2.13 -0.53 | 36.42 2.12 -1.10 | 33.85 2.14 -0.72 | 32.77 2.19 -0.55 | 32.76 2.30 -0.55 | 34.09 2.38 0.00 | 40.04 2.79 0.00 | 54.96 2.72 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.32 2.06 0.00 | 44.97 1.81 0.00 | 42.52 1.67 0.00 | 39.70 1.71 0.00 |
| GOLAH____69_KV_TB 1_2 80279 | 35.95 0.39 0.00 | 35.72 0.91 0.00 | 35.15 0.62 0.00 | 34.81 0.68 0.00 | 34.94 0.95 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 70.85 0.70 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.63 0.43 0.00 | 31.33 0.34 0.00 | 30.27 0.24 0.00 | 29.93 0.03 0.00 | 31.65 -0.06 0.00 | 36.57 -0.67 0.00 | 51.77 -0.47 0.00 | 67.23 -0.27 0.00 | 67.98 -0.41 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.62 0.78 0.00 | 38.75 0.76 0.00 |
| GOODYEAR_LAKE_HYD 323669 | 36.48 0.92 0.00 | 35.62 0.80 0.00 | 35.42 0.90 0.00 | 34.98 0.85 0.00 | 34.84 0.85 0.00 | 36.88 1.04 0.00 | 52.17 1.62 0.00 | 72.46 2.31 0.00 | 51.57 1.16 0.00 | 41.37 0.73 0.00 | 34.37 0.57 0.00 | 33.66 0.46 0.00 | 31.49 0.50 0.00 | 30.42 0.39 0.00 | 30.32 0.42 0.00 | 32.16 0.44 0.00 | 37.88 0.63 0.00 | 53.60 1.36 0.00 | 69.52 2.02 0.00 | 70.44 2.05 0.00 | 51.76 1.51 0.00 | 44.37 1.21 0.00 | 41.94 1.10 0.00 | 38.97 0.99 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 35.90 0.32 -0.03 | 35.30 0.49 0.00 | 34.91 0.38 0.00 | 34.53 0.41 0.00 | 34.53 0.54 0.00 | 36.27 0.43 0.00 | 51.51 0.96 0.00 | 70.99 0.84 0.00 | 51.12 0.71 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.54 0.23 -0.11 | 31.35 0.28 -0.07 | 30.33 0.24 -0.06 | 30.11 0.15 -0.06 | 31.81 0.10 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.42 0.26 0.00 | 41.29 0.45 0.00 | 38.48 0.49 0.00 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|--------------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|
| GOUDEY___7 23579 | 35.90 0.32 -0.03 | 35.30 0.49 0.00 | 34.91 0.38 0.00 | 34.53 0.41 0.00 | 34.53 0.54 0.00 | 36.27 0.43 0.00 | 51.51 0.96 0.00 | 70.99 0.84 0.00 | 51.12 0.71 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.54 0.23 -0.11 | 31.35 0.28 -0.07 | 30.33 0.24 -0.06 | 30.11 0.15 -0.06 | 31.81 0.10 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.42 0.26 0.00 | 41.29 0.45 0.00 | 38.48 0.49 0.00 |
| GOUDEY___8 23580 | 35.90 0.32 -0.03 | 35.30 0.49 0.00 | 34.91 0.38 0.00 | 34.53 0.41 0.00 | 34.53 0.54 0.00 | 36.27 0.43 0.00 | 51.51 0.96 0.00 | 70.99 0.84 0.00 | 51.12 0.71 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.54 0.23 -0.11 | 31.35 0.28 -0.07 | 30.33 0.24 -0.06 | 30.11 0.15 -0.06 | 31.81 0.10 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.42 0.26 0.00 | 41.29 0.45 0.00 | 38.48 0.49 0.00 |
| GOWANUS_GT1_1 24077 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT1_2 24078 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT1_3 24079 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT1_4 24080 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT1_5 24084 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT1_6 24111 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01</ | | | | | | | | | | | | | | | | | | |

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|------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|
| GOWANUS_GT2_6 24119 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.20</u> -0.01 |
| GOWANUS_GT2_7 24120 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.20</u> -0.01 |
| GOWANUS_GT2_8 24121 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.20</u> -0.01 |
| GOWANUS_GT3_1 24122 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.20</u> -0.01 |
| GOWANUS_GT3_2 24123 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.20</u> -0.01 |
| GOWANUS_GT3_3 24124 | 38.04 <u>2.21</u> -0.28 | 36.70 <u>1.88</u> -0.01 | 36.26 <u>1.73</u> -0.01 | 35.80 <u>1.67</u> -0.01 | 35.59 <u>1.60</u> -0.01 | 37.82 <u>1.97</u> -0.01 | 52.27 <u>1.72</u> 0.00 | 73.09 <u>2.95</u> 0.00 | 52.22 <u>1.81</u> 0.00 | 42.95 <u>2.31</u> 0.00 | 36.70 <u>2.36</u> -0.54 | 36.70 <u>2.39</u> -1.11 | 34.08 <u>2.35</u> -0.73 | 32.99 <u>2.40</u> -0.56 | 32.92 <u>2.45</u> -0.56 | 34.29 <u>2.57</u> -0.01 | 40.34 <u>3.09</u> -0.01 | 55.06 <u>2.82</u> 0.00 | 70.60 <u>3.11</u> 0.00 | 71.60 <u>3.21</u> 0.00 | 52.37 <u>2.11</u> 0.00 | 45.31 <u>2.16</u> 0.00 | 43.33 <u>2.49</u> 0.00 | 40.20 <u>2.2</u> |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| GOWANUS_GT4_5 24134 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT4_6 24135 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT4_7 24136 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GOWANUS_GT4_8 24137 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GREATVR_69_KV_BK1 356245 | 38.57 2.74 -0.27 | 37.04 2.23 0.00 | 36.53 2.00 0.00 | 36.03 1.91 0.00 | 35.68 1.70 0.00 | 38.07 2.22 0.00 | 51.34 0.81 0.02 | 65.99 1.40 5.56 | 49.30 0.55 1.66 | 42.42 1.79 0.00 | 36.79 2.47 -0.53 | 36.93 2.62 -1.11 | 34.23 2.51 -0.73 | 33.17 2.58 -0.56 | 33.13 2.66 -0.57 | 34.58 2.85 -0.01 | 40.46 3.20 -0.01 | 54.12 1.88 0.00 | 63.50 1.55 5.55 | 65.68 1.85 4.56 | 49.63 1.06 1.68 | 44.32 1.17 0.00 | 42.03 1.18 0.00 | 40.11 2.13 0.00 |
| GREENBSH_115KV_TB3 55895 | 35.67 0.21 0.10 | 34.89 0.07 0.00 | 34.66 0.14 0.00 | 34.23 0.10 0.00 | 33.99 0.00 0.00 | 35.95 0.11 0.00 | 50.35 -0.20 0.00 | 70.22 0.07 0.00 | 50.31 -0.10 0.00 | 40.63 0.00 0.00 | 33.76 0.17 0.20 | 32.92 0.13 0.41 | 30.91 0.19 0.27 | 30.06 0.24 0.21 | 29.99 0.30 0.21 | 32.06 0.35 0.00 | 37.62 0.37 0.00 | 52.51 0.26 0.00 | 67.70 0.20 0.00 | 68.59 0.21 0.00 | 50.36 0.10 0.00 | 43.24 0.09 0.00 | 40.84 0.00 0.00 | 37.95 -0.04 0.00 |
| GREENDGE_115KV_TB5 80291 | 35.88 0.32 0.00 | 35.44 0.63 0.00 | 34.91 0.38 0.00 | 34.60 0.48 0.00 | 34.73 0.75 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 71.13 0.98 0.00 | 51.22 0.81 0.00 | 40.92 0.28 0.00 | 34.00 0.20 0.00 | 33.30 0.10 0.00 | 31.08 0.09 0.00 | 30.03 0.00 0.00 | 29.72 -0.18 0.00 | 31.49 -0.22 0.00 | 36.76 -0.48 0.00 | 52.04 -0.21 0.00 | 68.10 0.61 0.00 | 68.80 0.41 0.00 | 50.61 0.35 0.00 | 43.33 0.17 0.00 | 41.29 0.45 0.00 | 38.71 0.72 0.00 |
| GREENIDGE___3 23582 | 35.88 0.32 0.00 | 35.44 0.63 0.00 | 34.91 0.38 0.00 | 34.60 0.48 0.00 | 34.73 0.75 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 71.13 0.98 0.00 | 51.22 0.81 0.00 | 40.92 0.28 0.00 | 34.00 0.20 0.00 | 33.30 0.10 0.00 | 31.08 0.09 0.00 | 30.03 0.00 0.00 | 29.72 -0.18 0.00 | 31.49 -0.22 0.00 | 36.76 -0.48 0.00 | 52.04 -0.21 0.00 | 68.10 0.61 0.00 | 68.80 0.41 0.00 | 50.61 0.35 0.00 | 43.33 0.17 0.00 | 41.29 0.45 0.00 | 38.71 0.72 0.00 |
| GREENIDGE___4 23583 | 35.88 0.32 0.00 | 35.37 0.56 0.00 | 34.91 0.38 0.00 | 34.60 0.48 0.00 | 34.73 0.75 0.00 | 36.42 0.57 0.00 | 51.66 1.11 0.00 | 71.13 0.98 0.00 | 51.22 0.80 0.00 | 40.96 0.32 0.00 | 34.06 0.27 0.00 | 33.33 0.13 0.00 | 31.09 0.09 0.00 | 30.03 0.00 0.00 | 29.76 -0.15 0.00 | 31.53 -0.19 0.00 | 36.76 -0.49 0.00 | 52.04 -0.21 0.00 | 68.10 0.61 0.00 | 68.80 0.41 0.00 | 50.61 0.35 0.00 | 43.24 0.09 0.00 | 40.76 -0.08 0.00 | 38.59 0.61 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 38.10 2.28 -0.27 | 36.63 1.81 0.00 | 36.15 1.62 0.00 | 35.66 1.54 0.00 | 35.38 1.39 0.00 | 37.60 1.76 0.00 | 50.14 -0.35 0.06 | 55.09 0.00 15.05 | 46.61 -0.35 3.45 | 42.02 1.38 0.00 | 36.59 2.26 -0.53 | 36.67 2.36 -1.11 | 34.07 2.36 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.57 | 34.30 2.57 -0.01 | 39.93 2.68 -0.01 | 53.13 0.89 0.00 | 52.88 0.40 15.02 | 56.54 0.48 12.33 | 45.83 0.10 4.53 | 43.46 0.30 0.00 | 41.33 0.49 0.00 | 39.73 1.75 0.00 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |
| GRISSOM___SOLAR 323813 | 36.62 1.14 0.07 | 35.86 1.04 0.00 | 35.56 1.03 0.00 | 35.18 1.06 0.00 | 35.04 1.05 0.00 | 37.24 1.40 0.00 | 52.72 2.17 0.00 | 73.16 3.01 0.00 | 51.17 0.76 0.00 | 40.19 -0.45 0.13 | 32.82 -0.84 0.27 | 31.83 -1.09 0.18 | 29.73 -1.09 0.14 | 28.82 -1.08 0.14 | 28.81 -0.96 0.14 | 30.99 -0.73 0.00 | 36.99 -0.26 0.00 | 53.29 1.04 0.00 | 69.86 2.36 0.00 | 71.05 2.66 0.00 | 52.16 1.91 0.00 | 44.84 1.68 0.00 | 42.27 1.43 0.00 | 39.16 1.18 0.00 |
| GROVEVILLE___HYD 323602 | 37.64 1.81 -0.27 | 36.31 1.50 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.28 1.29 0.00 | 37.46 1.61 0.00 | 52.62 2.07 0.00 | 73.37 3.23 0.00 | 52.28 1.87 0.00 | 42.38 1.75 0.00 | 35.94 1.62 -0.53 | 35.85 1.56 -1.09 | 33.35 1.64 -0.72 | 32.26 1.68 -0.55 | 32.25 1.79 -0.55 | 33.59 1.87 0.00 | 39.55 2.31 0.00 | 54.96 2.72 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.52 2.26 0.00 | 45.14 1.99 0.00 | 42.60 1.76 0.00 | 39.70 1.71 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| HAMLTNNY_34_KV_TB 80303 | 35.41 -0.14 0.00 | 34.82 0.00 0.00 | 34.42 -0.10 0.00 | 34.02 -0.10 0.00 | 34.02 0.03 0.00 | 35.77 -0.07 0.00 | 50.75 0.20 0.00 | 70.29 0.14 0.00 | 50.51 0.10 0.00 | 40.55 -0.08 0.00 | 33.63 -0.17 0.00 | 32.97 -0.23 0.00 | 30.84 -0.15 0.00 | 29.85 -0.18 0.00 | 29.66 -0.24 0.00 | 31.46 -0.25 0.00 | 36.87 -0.37 0.00 | 52.04 -0.21 0.00 | 67.50 0.00 0.00 | 68.25 -0.14 0.00 | 50.20 -0.05 0.00 | 43.07 -0.09 0.00 | 40.88 0.04 0.00 | 38.02 0.04 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HAMPSHIRE___PAPER_HYD 323593 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.45 0.61 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.32 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.32 1.17 0.00 | 41.78 0.94 0.00 | 38.71 0.72 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 36.73 1.17 0.00 | 35.90 1.08 0.00 | 35.63 1.10 0.00 | 35.18 1.06 0.00 | 35.04 1.05 0.00 | 37.03 1.18 0.00 | 52.27 1.72 0.00 | 72.46 2.31 0.00 | 51.92 1.51 0.00 | 41.77 1.14 0.00 | 34.78 0.98 0.00 | 34.10 0.90 0.00 | 31.83 0.84 0.00 | 30.72 0.69 0.00 | 30.56 0.66 0.00 | 32.38 0.67 0.00 | 38.06 0.82 0.00 | 53.60 1.36 0.00 | 69.59 2.09 0.00 | 70.57 2.19 0.00 | 51.91 1.66 0.00 | 44.67 1.51 0.00 | 42.31 1.47 0.00 | 39.39 1.41 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 37.58 1.81 -0.21 | 36.35 1.53 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.28 1.29 0.00 | 37.46 1.61 0.00 | 52.67 2.12 0.00 | 73.37 3.23 0.00 | 52.28 1.87 0.00 | 42.42 1.79 0.00 | 35.90 1.69 -0.42 | 35.73 1.66 -0.87 | 33.30 1.74 -0.57 | 32.27 1.80 -0.44 | 32.23 1.88 -0.44 | 33.68 1.97 0.00 | 39.63 2.38 0.00 | 55.07 2.82 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.57 2.31 0.00 | 45.10 1.94 0.00 | 42.60 1.76 0.00 | 39.70 1.71 0.00 |
| HARSNRAD_115KV_TB1 81005 | 35.56 0.00 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.10 0.25 0.00 | 51.06 0.51 0.00 | 69.31 -0.84 0.00 | 51.02 0.60 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.56 0.37 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.72 -0.18 0.00 | 31.37 -0.35 0.00 | 35.72 -1.53 0.00 | 50.21 -2.04 0.00 | 65.34 -2.16 0.00 | 65.92 -2.46 0.00 | 49.05 -1.21 0.00 | 42.25 -0.91 0.00 | 41.17 0.33 0.00 | 38.44 0.46 0.00 |
| HARZA MOOSE___RIVER 24016 | 36.09 0.53 0.00 | 35.30 0.49 0.00 | 35.04 0.52 0.00 | 34.57 0.44 0.00 | 34.50 0.51 0.00 | 36.53 0.68 0.00 | 51.71 1.16 0.00 | 72.04 1.89 0.00 | 51.22 0.81 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.27 0.07 0.00 | 31.05 0.06 0.00 | 29.94 -0.09 0.00 | 29.84 -0.06 0.00 | 31.59 -0.13 0.00 | 37.28 0.04 0.00 | 53.08 0.84 0.00 | 69.05 1.55 0.00 | 70.03 1.64 0.00 | 51.46 1.21 0.00 | 44.19 1.04 0.00 | 41.70 0.86 0.00 | 38.63 0.65 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 35.13 -0.43 0.00 | 34.50 -0.31 0.00 | 34.15 -0.38 0.00 | 33.75 -0.38 0.00 | 33.71 -0.27 0.00 | 35.49 -0.36 0.00 | 50.20 -0.35 0.00 | 69.59 -0.56 0.00 | 50.01 -0.40 0.00 | 40.19 -0.45 0.00 | 33.42 -0.37 0.00 | 32.77 -0.43 0.00 | 30.68 -0.31 0.00 | 29.70 -0.33 0.00 | 29.52 -0.39 0.00 | 31.30 -0.41 0.00 | 36.72 -0.52 0.00 | 51.62 -0.63 0.00 | 66.75 -0.74 0.00 | 67.57 -0.82 0.00 | 49.70 -0.55 0.00 | 42.68 -0.47 0.00 | 40.52 -0.33 0.00 | 37.68 -0.30 0.00 |
| HELLGATE_13_KV_LD 55870 | 38.11 2.28 -0.28 | 36.77 1.95 -0.01 | 36.33 1.80 -0.01 | 35.87 1.74 -0.01 | 35.66 1.67 -0.01 | 37.90 2.04 -0.01 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.58 2.17 0.00 | 43.15 2.52 0.00 | 36.87 2.53 -0.54 | 36.86 2.56 -1.11 | 34.23 2.51 -0.73 | 33.14 2.55 -0.56 | 33.13 2.66 -0.56 | 34.48 2.76 -0.01 | 40.49 3.24 -0.01 | 55.28 3.03 0.00 | 70.87 3.37 0.00 | 71.81 3.42 0.00 | 52.57 2.31 0.00 | 45.40 2.24 0.00 | 43.09 2.25 0.00 | 40.24 2.24 -0.01 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 38.11 2.28 -0.28 | 36.77 1.95 -0.01 | 36.33 1.80 -0.01 | 35.87 1.74 -0.01 | 35.66 1.67 -0.01 | 37.90 2.04 -0.01 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.58 2.17 0.00 | 43.15 2.52 0.00 | 36.87 2.53 -0.54 | 36.86 2.56 -1.11 | 34.23 2.51 -0.73 | 33.14 2.55 -0.56 | 33.13 2.66 -0.56 | 34.48 2.76 -0.01 | 40.49 3.24 -0.01 | 55.28 3.03 0.00 | 70.87 3.37 0.00 | 71.81 3.42 0.00 | 52.57 2.31 0.00 | 45.40 2.24 0.00 | 43.09 2.25 0.00 | 40.24 2.24 -0.01 |
| HEMPSTEAD___ 23647 | 38.07 2.24 -0.27 | 36.70 1.88 0.00 | 36.15 1.62 0.00 | 35.69 1.57 0.00 | 35.41 1.43 0.00 | 37.67 1.83 0.00 | 51.30 0.76 0.01 | 69.09 1.68 2.74 | 50.39 0.80 0.83 | 42.30 1.67 0.00 | 36.46 2.13 -0.53 | 36.64 2.32 -1.12 | 33.92 2.20 -0.73 | 32.91 2.31 -0.57 | 32.93 2.45 -0.57 | 34.28 2.54 -0.03 | 40.20 2.94 -0.01 | 54.34 2.09 0.00 | 66.79 2.02 2.73 | 68.33 2.19 2.24 | 50.73 1.30 0.83 | 44.97 1.81 0.00 | 43.09 2.24 0.00 | 40.15 2.16 0.00 |
| HICKLING___1 23621 | 35.91 0.36 0.00 | 35.58 0.77 0.00 | 35.01 0.48 0.00 | 34.70 0.58 0.00 | 34.90 0.92 0.00 | 36.49 0.65 0.00 | 52.07 1.52 0.00 | 71.27 1.12 0.00 | 51.52 1.11 0.00 | 41.24 0.61 0.00 | 34.10 0.30 0.00 | 33.40 0.20 0.00 | 31.18 0.19 0.00 | 30.15 0.12 0.00 | 29.78 -0.12 0.00 | 31.52 -0.19 0.00 | 36.65 -0.60 0.00 | 52.09 -0.16 0.00 | 68.24 0.74 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.37 0.22 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |
| HICKLING___2 23622 | 35.91 0.36 0.00 | 35.58 0.77 0.00 | 35.01 0.48 0.00 | 34.70 0.58 0.00 | 34.90 0.92 0.00 | 36.49 0.65 0.00 | 52.07 1.52 0.00 | 71.27 1.12 0.00 | 51.52 1.11 0.00 | 41.24 0.61 0.00 | 34.10 0.30 0.00 | 33.40 0.20 0.00 | 31.18 0.19 0.00 | 30.15 0.12 0.00 | 29.78 -0.12 0.00 | 31.52 -0.19 0.00 | 36.65 -0.60 0.00 | 52.09 -0.16 0.00 | 68.24 0.74 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.37 0.22 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |
| HIGH FALLS___HY 23754 | 37.87 2.13 -0.18 | 36.66 1.85 0.00 | 36.22 1.69 0.00 | 35.83 1.71 0.00 | 35.58 1.60 0.00 | 37.74 1.90 0.00 | 53.18 2.63 0.00 | 74.15 4.00 0.00 | 52.68 2.27 0.00 | 42.63 1.99 0.00 | 35.93 1.79 -0.35 | 35.68 1.76 -0.72 | 33.30 1.83 -0.48 | 32.25 1.86 -0.36 | 32.24 1.97 -0.37 | 33.78 2.06 0.00 | 39.89 2.64 0.00 | 55.59 3.34 0.00 | 71.68 4.18 0.00 | 72.63 4.24 0.00 | 53.17 2.91 0.00 | 45.57 2.42 0.00 | 43.05 2.21 0.00 | 40.11 2.13 0.00 |
| HIGH_RIVER___SOLAR 323847 | 36.48 0.99 0.07 | 35.72 0.90 0.00 | 35.42 0.90 0.00 | 35.08 0.95 0.00 | 34.90 0.92 0.00 | 37.03 1.18 0.00 | 52.42 1.87 0.00 | 72.60 2.45 0.00 | 50.77 0.36 0.00 | 40.23 -0.41 0.00 | 33.09 -0.57 0.13 | 32.19 -0.73 0.28 | 30.13 -0.68 0.18 | 29.20 -0.69 0.14 | 29.16 -0.60 0.14 | 31.24 -0.47 0.00 | 36.99 -0.26 0.00 | 53.08 0.83 0.00 | 69.52 2.02 0.00 | 70.71 2.33 0.00 | 51.91 1.66 0.00 | 44.63 1.47 0.00 | 42.07 1.22 0.00 | 39.01 1.03 0.00 |
| HILLBURN___GT 23639 | 37.48 1.71 -0.22 | 36.28 1.46 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.17 1.19 0.00 | 37.39 1.54 0.00 | 52.47 1.92 0.00 | 73.16 3.01 0.00 | 52.22 1.81 0.00 | 42.42 1.79 0.00 | 35.98 1.76 -0.43 | 35.85 1.76 -0.89 | 33.41 1.83 -0.59 | 32.37 1.89 -0.45 | 32.30 1.94 -0.45 | 33.75 2.03 0.00 | 39.66 2.42 0.00 | 54.91 2.66 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.37 2.11 0.00 | 45.05 1.90 0.00 | 42.80 1.96 0.00 | 39.66 1.67 0.00 |
| HILLSIDE_115KV_TB1 80332 | 35.52 -0.04 0.00 | 35.16 0.35 0.00 | 34.60 0.07 0.00 | 34.33 0.20 0.00 | 34.46 0.48 0.00 | 36.06 0.22 0.00 | 51.41 0.86 0.00 | 70.36 0.21 0.00 | 50.87 0.45 0.00 | 40.84 0.20 0.00 | 33.79 0.00 0.00 | 33.13 -0.07 0.00 | 30.93 -0.06 0.00 | 29.91 -0.12 0.00 | 29.60 -0.30 0.00 | 31.30 -0.41 0.00 | 36.39 -0.86 0.00 | 51.51 -0.73 0.00 | 67.36 -0.13 0.00 | 68.04 -0.34 0.00 | 50.00 -0.25 0.00 | 42.81 -0.35 0.00 | 40.88 0.04 0.00 | 38.21 0.23 0.00 |

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| HISHELDN_WT_PWR 323625 | 35.52 -0.04 0.00 | 35.30 0.49 0.00 | 34.80 0.27 0.00 | 34.64 0.51 0.00 | 34.90 0.92 0.00 | 36.20 0.36 0.00 | 51.36 0.81 0.00 | 69.80 -0.35 0.00 | 51.07 0.65 0.00 | 41.20 0.57 0.00 | 34.17 0.37 0.00 | 33.40 0.20 0.00 | 30.96 -0.03 0.00 | 29.91 -0.12 0.00 | 29.60 -0.30 0.00 | 31.24 -0.47 0.00 | 35.75 -1.49 0.00 | 50.62 -1.62 0.00 | 66.28 -1.21 0.00 | 66.88 -1.50 0.00 | 49.55 -0.70 0.00 | 42.47 -0.69 0.00 | 40.06 -0.78 0.00 | 38.29 0.30 0.00 |
| HOLTSVILLE_IC_1 23690 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.57 -0.41 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.98 2.25 -0.01 | 39.94 2.68 -0.01 | 53.13 0.89 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.05 0.05 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| HOLTSVILLE_IC_10 23699 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.38 1.39 0.00 | 37.78 1.93 0.00 | 50.38 -0.15 0.02 | 64.96 0.00 5.18 | 48.49 -0.30 1.62 | 41.81 1.18 0.00 | 36.22 1.89 -0.53 | 36.44 2.13 -1.11 | 33.67 1.95 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.01 2.28 -0.01 | 40.01 2.76 -0.01 | 53.34 1.10 0.00 | 62.59 0.27 5.17 | 64.62 0.48 4.25 | 48.94 0.25 1.57 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.27 2.28 0.00 |
| HOLTSVILLE_IC_2 23691 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.57 -0.41 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.98 2.25 -0.01 | 39.94 2.68 -0.01 | 53.13 0.89 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.05 0.05 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| HOLTSVILLE_IC_3 23692 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.57 -0.41 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.98 2.25 -0.01 | 39.94 2.68 -0.01 | 53.13 0.89 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.05 0.05 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| HOLTSVILLE_IC_4 23693 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.57 -0.41 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.98 2.25 -0.01 | 39.94 2.68 -0.01 | 53.13 0.89 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.05 0.05 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| HOLTSVILLE_IC_5 23694 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.57 -0.41 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.98 2.25 -0.01 | 39.94 2.68 -0.01 | 53.13 0.89 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.05 0.05 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| HOLTSVILLE_IC_6 23695 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.38 1.39 0.00 | 37.78 1.93 0.00 | 50.38 -0.15 0.02 | 64.96 0.00 5.18 | 48.49 -0.30 1.62 | 41.81 1.18 0.00 | 36.22 1.89 -0.53 | 36.44 2.13 -1.11 | 33.67 1.95 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.01 2.28 -0.01 | 40.01 2.76 -0.01 | 53.34 1.10 0.00 | 62.59 0.27 5.17 | 64.62 0.48 4.25 | 48.94 0.25 1.57 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.27 2.28 0.00 |
| HOLTSVILLE_IC_7 23696 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.38 1.39 0.00 | 37.78 1.93 0.00 | 50.38 -0.15 0.02 | 64.96 0.00 5.18 | 48.49 -0.30 1.62 | 41.81 1.18 0.00 | 36.22 1.89 -0.53 | 36.44 2.13 -1.11 | 33.67 1.95 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.01 2.28 -0.01 | 40.01 2.76 -0.01 | 53.34 1.10 0.00 | 62.59 0.27 5.17 | 64.62 0.48 4.25 | 48.94 0.25 1.57 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.27 2.28 0.00 |
| HOLTSVILLE_IC_8 23697 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.38 1.39 0.00 | 37.78 1.93 0.00 | 50.38 -0.15 0.02 | 64.96 0.00 5.18 | 48.49 -0.30 1.62 | 41.81 1.18 0.00 | 36.22 1.89 -0.53 | 36.44 2.13 -1.11 | 33.67 1.95 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.01 2.28 -0.01 | 40.01 2.76 -0.01 | 53.34 1.10 0.00 | 62.59 0.27 5.17 | 64.62 0.48 4.25 | 48.94 0.25 1.57 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.27 2.28 0.00 |
| HOLTSVILLE_IC_9 23698 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.38 1.39 0.00 | 37.78 1.93 0.00 | 50.38 -0.15 0.02 | 64.96 0.00 5.18 | 48.49 -0.30 1.62 | 41.81 1.18 0.00 | 36.22 1.89 -0.53 | 36.44 2.13 -1.11 | 33.67 1.95 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.01 2.28 -0.01 | 40.01 2.76 -0.01 | 53.34 1.10 0.00 | 62.59 0.27 5.17 | 64.62 0.48 4.25 | 48.94 0.25 1.57 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.27 2.28 0.00 |
| HOMER_HL_115KV_TB2 355744 | 35.17 -0.39 0.00 | 35.09 0.28 0.00 | 34.42 -0.10 0.00 | 34.26 0.14 0.00 | 34.53 0.54 0.00 | 35.99 0.14 0.00 | 51.56 1.01 0.00 | 70.01 -0.14 0.00 | 50.97 0.55 0.00 | 41.04 0.41 0.00 | 33.90 0.10 0.00 | 33.20 0.00 0.00 | 30.96 -0.03 0.00 | 29.94 -0.09 0.00 | 29.49 -0.42 0.00 | 31.11 -0.60 0.00 | 35.83 -1.42 0.00 | 50.68 -1.57 0.00 | 66.55 -0.94 0.00 | 67.22 -1.16 0.00 | 49.40 -0.85 0.00 | 42.25 -0.91 0.00 | 40.64 -0.20 0.00 | 37.99 0.00 0.00 |
| HOWARD_WT_PWR 323690 | 35.38 -0.18 0.00 | 35.03 0.21 0.00 | 34.46 -0.07 0.00 | 34.26 0.14 0.00 | 34.53 0.54 0.00 | 36.02 0.18 0.00 | 51.46 0.91 0.00 | 70.22 0.07 0.00 | 50.81 0.40 0.00 | 40.51 -0.12 0.00 | 33.46 -0.34 0.00 | 32.73 -0.46 0.00 | 30.43 -0.56 0.00 | 29.37 -0.66 0.00 | 29.07 -0.84 0.00 | 30.73 -0.98 0.00 | 35.53 -1.71 0.00 | 50.94 -1.30 0.00 | 67.16 -0.34 0.00 | 67.77 -0.62 0.00 | 50.05 -0.20 0.00 | 42.86 -0.30 0.00 | 40.39 -0.45 0.00 | 38.40 0.42 0.00 |
| HQ_GEN_CEDARS 23644 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.04 0.52 0.00 | 34.60 0.48 0.00 | 34.50 0.51 0.00 | 36.35 0.50 0.00 | 51.31 0.76 0.00 | 70.99 0.84 0.00 | 51.07 0.66 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.56 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.50 0.26 0.00 | 52.92 0.68 0.00 | 68.58 1.08 0.00 | 69.55 1.16 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.45 0.61 0.00 | 38.48 0.49 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.08 0.55 0.00 | 34.60 0.48 0.00 | 34.50 0.51 0.00 | 36.31 0.46 0.00 | 51.31 0.76 0.00 | 70.99 0.84 0.00 | 51.07 0.65 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.57 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.51 0.26 0.00 | 52.92 0.68 0.00 | 68.57 1.08 0.00 | 69.55 1.16 0.00 | 51.21 0.95 0.00 | 43.85 0.69 0.00 | 41.46 0.61 0.00 | 38.48 0.49 0.00 |

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| HQ_GEN_IMPORT 323601 | 35.70 0.14 0.00 | 34.96 0.14 0.00 | 34.67 0.14 0.00 | 34.26 0.14 0.00 | 34.12 0.14 0.00 | 35.95 0.11 0.00 | 50.70 0.15 0.00 | 70.29 0.14 0.00 | 50.67 0.25 0.00 | 40.80 0.16 0.00 | 33.90 0.10 0.00 | 33.33 0.13 0.00 | 31.02 0.03 0.00 | 30.06 0.03 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.45 0.21 0.00 | 67.84 0.34 0.00 | 68.73 0.34 0.00 | 50.51 0.25 0.00 | 43.33 0.17 0.00 | 41.01 0.16 0.00 | 38.14 0.15 0.00 |
| HQ_GEN_WHEEL 23651 | 35.70 0.14 0.00 | 34.96 0.14 0.00 | 34.67 0.14 0.00 | 34.26 0.14 0.00 | 34.12 0.14 0.00 | 35.95 0.11 0.00 | 50.70 0.15 0.00 | 70.29 0.14 0.00 | 50.67 0.25 0.00 | 40.80 0.16 0.00 | 33.90 0.10 0.00 | 33.33 0.13 0.00 | 31.02 0.03 0.00 | 30.06 0.03 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.45 0.21 0.00 | 67.84 0.34 0.00 | 68.73 0.34 0.00 | 50.51 0.25 0.00 | 43.33 0.17 0.00 | 41.01 0.16 0.00 | 38.14 0.15 0.00 |
| HUDSON AVE_GT_3 23810 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.63 2.22 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.59 2.29 -1.10 | 34.01 2.29 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.25 2.54 0.00 | 40.22 2.98 0.00 | 55.28 3.03 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| HUDSON AVE_GT_4 23540 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.63 2.22 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.59 2.29 -1.10 | 34.01 2.29 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.25 2.54 0.00 | 40.22 2.98 0.00 | 55.28 3.03 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| HUDSON AVE_GT_5 23657 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.59 1.47 0.00 | 35.35 1.36 0.00 | 37.60 1.76 0.00 | 52.62 2.07 0.00 | 73.58 3.44 0.00 | 52.63 2.22 0.00 | 42.95 2.32 0.00 | 36.62 2.30 -0.53 | 36.59 2.29 -1.10 | 34.01 2.29 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.25 2.54 0.00 | 40.22 2.98 0.00 | 55.28 3.03 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| HUDSON_AVE_10 24168 | 37.68 1.85 -0.27 | 36.35 1.53 0.00 | 35.87 1.35 0.00 | 35.45 1.33 0.00 | 35.21 1.22 0.00 | 37.46 1.61 0.00 | 52.47 1.92 0.00 | 73.44 3.30 0.00 | 52.53 2.12 0.00 | 42.87 2.23 0.00 | 36.52 2.20 -0.53 | 36.49 2.19 -1.10 | 33.91 2.20 -0.72 | 32.80 2.22 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.81 3.42 0.00 | 52.52 2.26 0.00 | 45.10 1.94 0.00 | 42.64 1.80 0.00 | 39.81 1.82 0.00 |
| HUDSON___115KV_TB 4 355613 | 36.46 0.96 0.06 | 35.51 0.70 0.00 | 35.29 0.76 0.00 | 34.84 0.72 0.00 | 34.60 0.61 0.00 | 37.46 1.61 0.00 | 52.88 2.33 0.00 | 73.51 3.37 0.00 | 51.92 1.51 0.00 | 41.28 0.65 0.00 | 34.57 0.78 0.00 | 33.80 0.60 0.00 | 31.61 0.62 0.00 | 30.69 0.66 0.00 | 30.68 0.78 0.00 | 32.32 0.60 0.00 | 37.91 0.67 0.00 | 53.34 1.10 0.00 | 69.05 1.55 0.00 | 70.03 1.64 0.00 | 51.41 1.16 0.00 | 44.15 0.99 0.00 | 41.62 0.78 0.00 | 38.67 0.68 0.00 |
| HUNTER MOUNT___DRP 323613 | 36.73 1.17 0.00 | 35.58 0.77 0.00 | 35.36 0.83 0.00 | 34.94 0.82 0.00 | 34.67 0.68 0.00 | 37.24 1.40 0.00 | 52.57 2.02 0.00 | 73.09 2.95 0.00 | 51.67 1.26 0.00 | 41.08 0.45 0.00 | 34.47 0.68 0.00 | 33.70 0.50 0.00 | 31.52 0.53 0.00 | 30.60 0.57 0.00 | 30.59 0.69 0.00 | 32.13 0.41 0.00 | 37.80 0.56 0.00 | 53.39 1.15 0.00 | 69.18 1.69 0.00 | 70.16 1.78 0.00 | 51.51 1.26 0.00 | 44.24 1.08 0.00 | 41.70 0.86 0.00 | 38.75 0.76 0.00 |
| HUNTINGTON_RES_REC 323705 | 38.17 2.35 -0.27 | 36.76 1.95 0.00 | 36.18 1.66 0.00 | 35.69 1.57 0.00 | 35.38 1.39 0.00 | 37.71 1.86 0.00 | 50.16 -0.35 0.04 | 58.46 -0.14 11.55 | 47.15 -0.45 2.80 | 41.81 1.18 0.00 | 36.25 1.93 -0.53 | 36.47 2.16 -1.11 | 33.73 2.01 -0.73 | 32.75 2.16 -0.56 | 32.77 2.30 -0.57 | 34.14 2.41 -0.01 | 39.97 2.72 -0.01 | 53.13 0.89 0.00 | 56.11 0.14 11.52 | 59.21 0.27 9.46 | 46.83 0.05 3.48 | 44.45 1.29 0.00 | 43.00 2.16 0.00 | 40.15 2.16 0.00 |
| HUNTLEY___63 23557 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.32 0.79 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 51.47 1.06 0.00 | 41.77 1.14 0.00 | 34.67 0.88 0.00 | 33.83 0.63 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 65.94 -1.55 0.00 | 66.47 -1.91 0.00 | 49.40 -0.85 0.00 | 42.60 -0.56 0.00 | 41.50 0.65 0.00 | 38.90 0.91 0.00 |
| HUNTLEY___64 23558 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.32 0.79 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 51.47 1.06 0.00 | 41.77 1.14 0.00 | 34.67 0.88 0.00 | 33.83 0.63 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 65.94 -1.55 0.00 | 66.47 -1.91 0.00 | 49.40 -0.85 0.00 | 42.60 -0.56 0.00 | 41.50 0.65 0.00 | 38.90 0.91 0.00 |
| HUNTLEY___65 23559 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.32 0.79 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 51.47 1.06 0.00 | 41.77 1.14 0.00 | 34.67 0.88 0.00 | 33.83 0.63 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 65.94 -1.55 0.00 | 66.47 -1.91 0.00 | 49.40 -0.85 0.00 | 42.60 -0.56 0.00 | 41.50 0.65 0.00 | 38.90 0.91 0.00 |
| HUNTLEY___66 23560 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.32 0.79 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 51.47 1.06 0.00 | 41.77 1.14 0.00 | 34.67 0.88 0.00 | 33.83 0.63 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 65.94 -1.55 0.00 | 66.47 -1.91 0.00 | 49.40 -0.85 0.00 | 42.60 -0.56 0.00 | 41.50 0.65 0.00 | 38.90 0.91 0.00 |
| HUNTLEY___67 23561 | 35.56 0.00 0.00 | 35.58 0.77 0.00 | 34.94 0.41 0.00 | 34.74 0.61 0.00 | 35.01 1.02 0.00 | 36.17 0.32 0.00 | 51.16 0.61 0.00 | 69.38 -0.77 0.00 | 51.12 0.71 0.00 | 41.49 0.85 0.00 | 34.44 0.64 0.00 | 33.63 0.43 0.00 | 31.21 0.22 0.00 | 30.21 0.18 0.00 | 29.81 -0.09 0.00 | 31.46 -0.25 0.00 | 35.83 -1.42 0.00 | 50.36 -1.88 0.00 | 65.54 -1.96 0.00 | 66.13 -2.26 0.00 | 49.15 -1.11 0.00 | 42.29 -0.86 0.00 | 41.17 0.33 0.00 | 38.48 0.49 0.00 |
| HUNTLEY___68 23562 | 35.56 0.00 0.00 | 35.58 0.77 0.00 | 34.94 0.41 0.00 | 34.74 0.61 0.00 | 35.01 1.02 0.00 | 36.17 0.32 0.00 | 51.16 0.61 0.00 | 69.38 -0.77 0.00 | 51.12 0.71 0.00 | 41.49 0.85 0.00 | 34.44 0.64 0.00 | 33.63 0.43 0.00 | 31.21 0.22 0.00 | 30.21 0.18 0.00 | 29.81 -0.09 0.00 | 31.46 -0.25 0.00 | 35.83 -1.42 0.00 | 50.36 -1.88 0.00 | 65.54 -1.96 0.00 | 66.13 -2.26 0.00 | 49.15 -1.11 0.00 | 42.29 -0.86 0.00 | 41.17 0.33 0.00 | 38.48 0.49 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| HYLAND___LFGE 323620 | 37.12 1.56 0.00 | 36.80 1.98 0.00 | 36.18 1.66 0.00 | 35.86 1.74 0.00 | 36.13 2.14 0.00 | 37.71 1.86 0.00 | 54.24 3.69 0.00 | 74.36 4.21 0.00 | 53.13 2.72 0.00 | 42.10 1.46 0.00 | 34.57 0.78 0.00 | 33.70 0.50 0.00 | 31.27 0.28 0.00 | 30.15 0.12 0.00 | 29.87 -0.03 0.00 | 31.75 0.03 0.00 | 37.02 -0.22 0.00 | 53.50 1.25 0.00 | 70.67 3.17 0.00 | 71.74 3.35 0.00 | 52.92 2.66 0.00 | 45.23 2.07 0.00 | 42.48 1.64 0.00 | 40.07 2.09 0.00 |
| INDECK___CORINTH 23802 | 35.98 0.53 0.11 | 35.34 0.52 0.00 | 35.05 0.52 0.00 | 34.70 0.58 0.00 | 34.50 0.51 0.00 | 36.49 0.65 0.00 | 51.51 0.96 0.00 | 71.69 1.54 0.00 | 50.97 0.56 0.00 | 40.63 0.00 0.00 | 33.56 -0.03 0.20 | 32.64 -0.13 0.42 | 30.53 -0.18 0.28 | 29.64 -0.18 0.21 | 29.57 -0.12 0.21 | 31.75 0.03 0.00 | 37.39 0.15 0.00 | 52.77 0.52 0.00 | 68.57 1.08 0.00 | 69.75 1.37 0.00 | 51.16 0.91 0.00 | 43.94 0.78 0.00 | 41.49 0.65 0.00 | 38.40 0.42 0.00 |
| INDECK___ILION 23567 | 36.23 0.68 0.00 | 35.44 0.63 0.00 | 35.18 0.66 0.00 | 34.77 0.65 0.00 | 34.60 0.61 0.00 | 36.56 0.72 0.00 | 51.56 1.01 0.00 | 71.55 1.40 0.00 | 51.32 0.91 0.00 | 41.33 0.69 0.00 | 34.37 0.57 0.00 | 33.73 0.53 0.00 | 31.52 0.53 0.00 | 30.45 0.42 0.00 | 30.32 0.42 0.00 | 32.16 0.44 0.00 | 37.80 0.56 0.00 | 53.13 0.89 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.26 1.01 0.00 | 44.06 0.91 0.00 | 41.70 0.86 0.00 | 38.78 0.80 0.00 |
| INDECK___OLEAN 23982 | 35.17 -0.39 0.00 | 34.99 0.17 0.00 | 34.39 -0.14 0.00 | 34.26 0.14 0.00 | 34.53 0.54 0.00 | 36.06 0.22 0.00 | 51.61 1.06 0.00 | 70.01 -0.14 0.00 | 50.92 0.50 0.00 | 41.12 0.49 0.00 | 34.00 0.20 0.00 | 33.30 0.10 0.00 | 30.96 -0.03 0.00 | 29.91 -0.12 0.00 | 29.58 -0.33 0.00 | 31.21 -0.51 0.00 | 35.83 -1.42 0.00 | 50.68 -1.57 0.00 | 66.55 -0.95 0.00 | 67.22 -1.16 0.00 | 49.40 -0.85 0.00 | 42.08 -1.08 0.00 | 39.70 -1.14 0.00 | 37.80 -0.19 0.00 |
| INDECK___OSWEGO 23783 | 34.81 -0.75 0.00 | 34.12 -0.70 0.00 | 33.80 -0.73 0.00 | 33.41 -0.72 0.00 | 33.34 -0.65 0.00 | 35.13 -0.72 0.00 | 49.69 -0.86 0.00 | 68.95 -1.19 0.00 | 49.51 -0.91 0.00 | 39.78 -0.86 0.00 | 33.05 -0.74 0.00 | 32.44 -0.76 0.00 | 30.34 -0.65 0.00 | 29.37 -0.66 0.00 | 29.22 -0.69 0.00 | 30.99 -0.73 0.00 | 36.35 -0.89 0.00 | 50.73 -1.52 0.00 | 65.47 -2.02 0.00 | 66.34 -2.05 0.00 | 48.75 -1.51 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 37.26 -0.72 0.00 |
| INDECK___YERKES 23781 | 35.91 0.36 0.00 | 35.83 1.01 0.00 | 35.29 0.76 0.00 | 35.15 1.02 0.00 | 35.41 1.43 0.00 | 36.60 0.75 0.00 | 51.56 1.01 0.00 | 69.94 -0.21 0.00 | 51.47 1.06 0.00 | 41.90 1.26 0.00 | 34.78 0.98 0.00 | 33.96 0.76 0.00 | 31.43 0.43 0.00 | 30.36 0.33 0.00 | 30.05 0.15 0.00 | 31.75 0.03 0.00 | 36.02 -1.23 0.00 | 50.68 -1.57 0.00 | 66.01 -1.49 0.00 | 66.54 -1.84 0.00 | 49.45 -0.81 0.00 | 42.47 -0.69 0.00 | 40.11 -0.73 0.00 | 38.67 0.68 0.00 |
| INDIAN POINT_GT_1 24139 | 37.39 1.60 -0.23 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.97 1.72 -0.45 | 35.87 1.73 -0.94 | 33.38 1.77 -0.62 | 32.30 1.80 -0.47 | 32.29 1.91 -0.48 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.51 1.52 0.00 |
| INDIAN POINT_GT_2 23659 | 37.39 1.60 -0.23 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.97 1.72 -0.45 | 35.87 1.73 -0.94 | 33.38 1.77 -0.62 | 32.30 1.80 -0.47 | 32.29 1.91 -0.48 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.51 1.52 0.00 |
| INDIAN POINT_GT_3 24019 | 37.39 1.60 -0.23 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.97 1.72 -0.45 | 35.87 1.73 -0.94 | 33.38 1.77 -0.62 | 32.30 1.80 -0.47 | 32.29 1.91 -0.48 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.51 1.52 0.00 |
| INDIAN POINT___2 23530 | 37.43 1.64 -0.24 | 36.17 1.36 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.11 1.12 0.00 | 37.28 1.44 0.00 | 52.27 1.72 0.00 | 72.96 2.81 0.00 | 52.07 1.66 0.00 | 42.38 1.75 0.00 | 36.02 1.76 -0.47 | 35.93 1.76 -0.97 | 33.43 1.80 -0.64 | 32.38 1.86 -0.49 | 32.31 1.92 -0.49 | 33.71 2.00 0.00 | 39.63 2.39 0.00 | 54.70 2.46 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.16 1.91 0.00 | 44.93 1.77 0.00 | 42.72 1.88 0.00 | 39.58 1.60 0.00 |
| INDIAN POINT___3 23531 | 37.35 1.56 -0.23 | 36.10 1.29 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 51.98 1.56 0.00 | 42.34 1.71 0.00 | 35.96 1.72 -0.44 | 35.84 1.73 -0.92 | 33.36 1.77 -0.60 | 32.29 1.80 -0.46 | 32.25 1.88 -0.46 | 33.68 1.97 0.00 | 39.59 2.35 0.00 | 54.65 2.40 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.11 1.86 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| INGHAM_C_115KV_TB7 356103 | 37.12 1.56 0.00 | 36.31 1.50 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.45 1.46 0.00 | 37.46 1.61 0.00 | 52.83 2.27 0.00 | 73.23 3.09 0.00 | 52.48 2.07 0.00 | 42.22 1.58 0.00 | 35.11 1.32 0.00 | 34.46 1.26 0.00 | 32.17 1.18 0.00 | 31.05 1.02 0.00 | 30.89 0.99 0.00 | 32.73 1.01 0.00 | 38.47 1.23 0.00 | 54.18 1.93 0.00 | 70.26 2.77 0.00 | 71.33 2.94 0.00 | 52.42 2.16 0.00 | 45.10 1.94 0.00 | 42.76 1.92 0.00 | 39.77 1.79 0.00 |
| IP CORINTH___1 23988 | 36.20 0.75 0.11 | 35.51 0.70 0.00 | 35.25 0.73 0.00 | 34.91 0.78 0.00 | 34.70 0.71 0.00 | 36.71 0.86 0.00 | 51.81 1.26 0.00 | 72.11 1.96 0.00 | 51.27 0.86 0.00 | 40.88 0.24 0.00 | 33.76 0.17 0.20 | 32.84 0.07 0.42 | 30.71 0.00 0.28 | 29.79 -0.03 0.21 | 29.75 0.06 0.21 | 31.91 0.19 0.00 | 37.62 0.37 0.00 | 53.08 0.84 0.00 | 68.98 1.48 0.00 | 70.10 1.71 0.00 | 51.46 1.21 0.00 | 44.15 0.99 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| IP___TICONDEROGA 23804 | 37.62 2.17 0.11 | 36.91 2.09 0.00 | 36.60 2.07 0.00 | 36.27 2.15 0.00 | 36.09 2.11 0.00 | 38.32 2.47 0.00 | 54.29 3.74 0.00 | 75.41 5.26 0.00 | 53.34 2.92 0.00 | 42.10 1.46 0.00 | 34.60 1.01 0.21 | 33.56 0.80 0.44 | 31.29 0.59 0.29 | 30.29 0.48 0.22 | 30.28 0.60 0.22 | 32.57 0.86 0.00 | 38.51 1.27 0.00 | 54.86 2.61 0.00 | 71.75 4.25 0.00 | 73.17 4.79 0.00 | 53.72 3.47 0.00 | 46.05 2.89 0.00 | 43.21 2.37 0.00 | 40.08 2.09 0.00 |
| ISLIP_RES_REC 323679 | 38.35 2.52 -0.27 | 36.91 2.09 0.00 | 36.29 1.76 0.00 | 35.83 1.71 0.00 | 35.48 1.49 0.00 | 37.89 2.04 0.00 | 50.58 0.05 0.02 | 65.23 0.35 5.27 | 48.63 -0.15 1.63 | 41.93 1.30 0.00 | 36.32 1.99 -0.53 | 36.57 2.26 -1.11 | 33.76 2.04 -0.73 | 32.78 2.19 -0.56 | 32.77 2.30 -0.57 | 34.17 2.44 -0.01 | 40.16 2.91 -0.01 | 53.60 1.36 0.00 | 62.78 0.54 5.26 | 64.89 0.82 4.31 | 49.11 0.45 1.59 | 44.88 1.73 0.00 | 43.29 2.45 0.00 | 40.38 2.39 0.00 |

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|---|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|
| JAMAICA__27_KV_LOAD 355505 | 37.75 1.92 -0.27 | 36.35 1.53 0.00 | 35.91 1.38 0.00 | 35.45 1.33 0.00 | 35.21 1.22 0.00 | 37.53 1.68 0.00 | 52.72 2.17 0.00 | 73.86 3.72 0.00 | 52.88 2.47 0.00 | 43.11 2.48 0.00 | 36.65 2.33 -0.53 | 36.62 2.32 -1.10 | 34.01 2.29 -0.72 | 32.92 2.34 -0.55 | 32.91 2.45 -0.55 | 34.25 2.54 0.00 | 40.30 3.05 0.00 | 55.43 3.19 0.00 | 71.21 3.71 0.00 | 72.22 3.83 0.00 | 52.82 2.56 0.00 | 45.27 2.11 0.00 | 42.84 2.00 0.00 | 39.92 1.94 0.00 |
| JANIS__SOLAR 323808 | 36.66 1.10 0.00 | 35.96 1.15 0.00 | 35.60 1.07 0.00 | 35.18 1.06 0.00 | 35.21 1.22 0.00 | 37.17 1.33 0.00 | 53.08 2.53 0.00 | 73.51 3.37 0.00 | 52.22 1.81 0.00 | 41.37 0.73 0.00 | 34.06 0.27 0.00 | 33.23 0.03 0.00 | 31.02 0.03 0.00 | 29.91 -0.12 0.00 | 29.76 -0.15 0.00 | 31.65 -0.06 0.00 | 37.43 0.19 0.00 | 53.76 1.52 0.00 | 70.46 2.97 0.00 | 71.39 3.01 0.00 | 52.41 2.16 0.00 | 44.84 1.68 0.00 | 42.27 1.43 0.00 | 39.43 1.44 0.00 |
| JARVIS____ 23743 | 35.63 0.07 0.00 | 34.85 0.03 0.00 | 34.60 0.07 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.36 0.21 0.00 | 50.46 0.05 0.00 | 40.68 0.04 0.00 | 33.86 0.07 0.00 | 33.23 0.03 0.00 | 31.05 0.06 0.00 | 30.09 0.06 0.00 | 29.99 0.09 0.00 | 31.78 0.06 0.00 | 37.36 0.11 0.00 | 52.40 0.16 0.00 | 67.70 0.20 0.00 | 68.59 0.21 0.00 | 50.41 0.15 0.00 | 43.29 0.13 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| JENNISON____1 23625 | 36.72 1.14 -0.03 | 35.97 1.15 0.00 | 35.67 1.14 0.00 | 35.22 1.09 0.00 | 35.21 1.22 0.00 | 37.21 1.36 0.00 | 52.93 2.38 0.00 | 73.37 3.23 0.00 | 52.28 1.87 0.00 | 41.69 1.06 0.00 | 34.56 0.71 -0.06 | 33.85 0.53 -0.12 | 31.60 0.53 -0.08 | 30.45 0.36 -0.06 | 30.29 0.33 -0.06 | 32.06 0.35 0.00 | 37.77 0.52 0.00 | 53.86 1.62 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.27 2.01 0.00 | 44.75 1.60 0.00 | 42.43 1.59 0.00 | 39.39 1.41 0.00 |
| JENNISON____2 23626 | 36.72 1.14 -0.03 | 35.97 1.15 0.00 | 35.67 1.14 0.00 | 35.22 1.09 0.00 | 35.21 1.22 0.00 | 37.21 1.36 0.00 | 52.93 2.38 0.00 | 73.37 3.23 0.00 | 52.28 1.87 0.00 | 41.69 1.06 0.00 | 34.56 0.71 -0.06 | 33.85 0.53 -0.12 | 31.60 0.53 -0.08 | 30.45 0.36 -0.06 | 30.29 0.33 -0.06 | 32.06 0.35 0.00 | 37.77 0.52 0.00 | 53.86 1.62 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.27 2.01 0.00 | 44.75 1.60 0.00 | 42.43 1.59 0.00 | 39.39 1.41 0.00 |
| JERICOHO_RISE_WT_PWR 323719 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.87 0.35 0.00 | 34.43 0.31 0.00 | 34.29 0.31 0.00 | 36.13 0.29 0.00 | 50.86 0.31 0.00 | 70.36 0.21 0.00 | 50.61 0.20 0.00 | 40.80 0.16 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.87 -0.12 0.00 | 29.91 -0.12 0.00 | 29.73 -0.18 0.00 | 31.56 -0.16 0.00 | 37.21 -0.04 0.00 | 52.45 0.21 0.00 | 68.17 0.67 0.00 | 69.14 0.75 0.00 | 50.91 0.65 0.00 | 43.59 0.43 0.00 | 41.29 0.45 0.00 | 38.37 0.38 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 37.45 1.64 -0.26 | 36.17 1.36 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.14 1.16 0.00 | 37.31 1.47 0.00 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.38 1.75 0.00 | 36.02 1.72 -0.50 | 35.93 1.69 -1.04 | 33.41 1.74 -0.68 | 32.29 1.74 -0.52 | 32.31 1.88 -0.53 | 33.68 1.97 0.00 | 39.55 2.31 0.00 | 54.75 2.51 0.00 | 70.33 2.83 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 44.93 1.77 0.00 | 42.39 1.55 0.00 | 39.54 1.56 0.00 |
| KCE_NY_1 323755 | 36.55 1.10 0.11 | 35.83 1.01 0.00 | 35.53 1.00 0.00 | 35.15 1.02 0.00 | 34.97 0.99 0.00 | 37.03 1.18 0.00 | 52.17 1.62 0.00 | 72.60 2.45 0.00 | 51.77 1.36 0.00 | 41.45 0.81 0.00 | 34.22 0.64 0.22 | 33.28 0.53 0.45 | 31.19 0.49 0.30 | 30.28 0.48 0.23 | 30.21 0.54 0.23 | 32.38 0.67 0.00 | 38.18 0.93 0.00 | 53.71 1.46 0.00 | 69.59 2.09 0.00 | 70.71 2.33 0.00 | 51.91 1.66 0.00 | 44.58 1.42 0.00 | 42.11 1.27 0.00 | 39.05 1.06 0.00 |
| KCE_NY_6_ESR 323823 | 35.74 0.18 0.00 | 35.58 0.76 0.00 | 35.05 0.52 0.00 | 34.91 0.79 0.00 | 35.17 1.19 0.00 | 36.49 0.65 0.00 | 51.71 1.16 0.00 | 70.22 0.07 0.00 | 51.52 1.11 0.00 | 41.81 1.18 0.00 | 34.71 0.91 0.00 | 33.93 0.73 0.00 | 31.43 0.43 0.00 | 30.33 0.30 0.00 | 30.02 0.12 0.00 | 31.72 0.00 0.00 | 36.13 -1.12 0.00 | 50.89 -1.36 0.00 | 66.41 -1.08 0.00 | 67.02 -1.37 0.00 | 49.65 -0.60 0.00 | 42.55 -0.60 0.00 | 40.19 -0.66 0.00 | 38.48 0.49 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 38.21 2.38 -0.27 | 36.73 1.91 0.00 | 36.15 1.62 0.00 | 35.66 1.54 0.00 | 35.35 1.36 0.00 | 37.71 1.86 0.00 | 50.28 -0.25 0.02 | 64.20 -0.42 5.53 | 48.42 -0.30 1.69 | 41.73 1.10 0.00 | 36.15 1.82 -0.53 | 36.40 2.09 -1.11 | 33.64 1.92 -0.73 | 32.66 2.07 -0.56 | 32.68 2.21 -0.57 | 34.04 2.31 -0.01 | 40.01 2.76 -0.01 | 53.03 0.78 0.00 | 61.37 -0.61 5.52 | 63.45 -0.41 4.53 | 48.48 -0.10 1.67 | 44.58 1.42 0.00 | 43.09 2.24 0.00 | 40.23 2.24 0.00 |
| KEDC PORT_JEFF_GT3 24211 | 38.21 2.38 -0.27 | 36.73 1.91 0.00 | 36.15 1.62 0.00 | 35.66 1.54 0.00 | 35.35 1.36 0.00 | 37.71 1.86 0.00 | 50.28 -0.25 0.02 | 64.20 -0.42 5.53 | 48.42 -0.30 1.69 | 41.73 1.10 0.00 | 36.15 1.82 -0.53 | 36.40 2.09 -1.11 | 33.64 1.92 -0.73 | 32.66 2.07 -0.56 | 32.68 2.21 -0.57 | 34.04 2.31 -0.01 | 40.01 2.76 -0.01 | 53.03 0.78 0.00 | 61.37 -0.61 5.52 | 63.45 -0.41 4.53 | 48.48 -0.10 1.67 | 44.58 1.42 0.00 | 43.09 2.24 0.00 | 40.23 2.24 0.00 |
| KEDC_GLWD_GT4 24219 | 38.07 2.24 -0.27 | 36.73 1.91 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.78 1.93 0.00 | 51.95 1.41 0.01 | 70.22 2.52 2.45 | 51.20 1.46 0.67 | 42.63 1.99 0.00 | 36.59 2.26 -0.53 | 36.71 2.39 -1.12 | 34.01 2.29 -0.73 | 33.00 2.40 -0.57 | 32.96 2.48 -0.57 | 34.35 2.60 -0.03 | 40.31 3.05 -0.02 | 54.86 2.61 0.00 | 67.89 2.83 2.44 | 69.32 2.94 2.00 | 51.43 1.91 0.74 | 45.31 2.16 0.00 | 43.25 2.41 0.00 | 40.19 2.20 0.00 |
| KEDC_GLWD_GT5 24220 | 38.07 2.24 -0.27 | 36.73 1.91 0.00 | 36.22 1.69 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.78 1.93 0.00 | 51.95 1.41 0.01 | 70.22 2.52 2.45 | 51.20 1.46 0.67 | 42.63 1.99 0.00 | 36.59 2.26 -0.53 | 36.71 2.39 -1.12 | 34.01 2.29 -0.73 | 33.00 2.40 -0.57 | 32.96 2.48 -0.57 | 34.35 2.60 -0.03 | 40.31 3.05 -0.02 | 54.86 2.61 0.00 | 67.89 2.83 2.44 | 69.32 2.94 2.00 | 51.43 1.91 0.74 | 45.31 2.16 0.00 | 43.25 2.41 0.00 | 40.19 2.20 0.00 |
| KENSICO____ 23655 | 37.52 1.71 -0.26 | 36.24 1.43 0.00 | 35.80 1.28 0.00 | 35.39 1.26 0.00 | 35.18 1.19 0.00 | 37.35 1.51 0.00 | 52.32 1.77 0.00 | 73.02 2.88 0.00 | 52.18 1.76 0.00 | 42.50 1.87 0.00 | 36.19 1.89 -0.50 | 36.13 1.89 -1.04 | 33.59 1.92 -0.68 | 32.50 1.95 -0.52 | 32.49 2.06 -0.52 | 33.87 2.16 0.00 | 39.78 2.53 0.00 | 54.81 2.56 0.00 | 70.47 2.97 0.00 | 71.46 3.08 0.00 | 52.27 2.01 0.00 | 44.93 1.77 0.00 | 42.43 1.59 0.00 | 39.62 1.63 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 37.80 2.06 -0.18 | 36.56 1.74 0.00 | 36.15 1.62 0.00 | 35.73 1.60 0.00 | 35.52 1.53 0.00 | 37.67 1.83 0.00 | 53.08 2.53 0.00 | 74.01 3.86 0.00 | 52.58 2.17 0.00 | 42.46 1.83 0.00 | 35.85 1.69 -0.36 | 35.58 1.63 -0.75 | 33.19 1.70 -0.49 | 32.15 1.74 -0.38 | 32.11 1.82 -0.38 | 33.62 1.90 0.00 | 39.66 2.42 0.00 | 55.38 3.13 0.00 | 71.48 3.98 0.00 | 72.42 4.03 0.00 | 53.02 2.76 0.00 | 45.49 2.33 0.00 | 42.92 2.08 0.00 | 39.96 1.98 0.00 |

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| KLAC_JFK_GT1 23816 | 37.64 1.81 -0.27 | 36.28 1.46 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.11 1.12 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.65 3.51 0.00 | 52.73 2.32 0.00 | 42.99 2.36 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.19 2.47 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 71.01 3.51 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| KIAC_JFK_GT2 23817 | 37.64 1.81 -0.27 | 36.28 1.46 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.11 1.12 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.65 3.51 0.00 | 52.73 2.32 0.00 | 42.99 2.36 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.19 2.47 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 71.01 3.51 0.00 | 71.94 3.56 0.00 | 52.62 2.36 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| KIAC_JFK____ 323774 | 37.64 1.81 -0.27 | 36.31 1.50 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.11 1.12 0.00 | 37.42 1.58 0.00 | 52.52 1.97 0.00 | 73.65 3.51 0.00 | 52.73 2.32 0.00 | 42.99 2.36 0.00 | 36.52 2.20 -0.53 | 36.49 2.19 -1.10 | 33.91 2.20 -0.72 | 32.86 2.28 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 71.00 3.51 0.00 | 71.94 3.55 0.00 | 52.62 2.36 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.88 1.90 0.00 |
| KINTIGH__24_KV_GSU 356498 | 35.56 0.00 0.00 | 35.34 0.52 0.00 | 34.84 0.31 0.00 | 34.64 0.51 0.00 | 34.87 0.88 0.00 | 36.13 0.29 0.00 | 51.01 0.45 0.00 | 69.31 -0.84 0.00 | 50.92 0.50 0.00 | 41.40 0.77 0.00 | 34.40 0.61 0.00 | 33.66 0.46 0.00 | 31.18 0.19 0.00 | 30.12 0.09 0.00 | 29.87 -0.03 0.00 | 31.56 -0.16 0.00 | 35.94 -1.30 0.00 | 50.52 -1.72 0.00 | 65.61 -1.89 0.00 | 66.19 -2.19 0.00 | 49.20 -1.06 0.00 | 42.21 -0.95 0.00 | 39.86 -0.98 0.00 | 38.14 -0.15 0.00 |
| KINTIGH____ 23543 | 35.56 0.00 0.00 | 35.48 0.66 0.00 | 34.87 0.35 0.00 | 34.64 0.51 0.00 | 34.87 0.88 0.00 | 36.10 0.25 0.00 | 50.96 0.40 0.00 | 69.31 -0.84 0.00 | 50.97 0.55 0.00 | 41.37 0.73 0.00 | 34.34 0.54 0.00 | 33.56 0.37 0.00 | 31.15 0.15 0.00 | 30.15 0.12 0.00 | 29.81 -0.09 0.00 | 31.46 -0.25 0.00 | 35.94 -1.30 0.00 | 50.52 -1.72 0.00 | 65.61 -1.89 0.00 | 66.20 -2.19 0.00 | 49.15 -1.11 0.00 | 42.34 -0.82 0.00 | 41.09 0.25 0.00 | 38.37 0.38 0.00 |
| KNFTRNC_46_KV_46KV_LOAD 80397 | 36.30 0.75 0.00 | 35.69 0.87 0.00 | 35.29 0.76 0.00 | 34.84 0.72 0.00 | 34.77 0.78 0.00 | 36.56 0.72 0.00 | 51.36 0.81 0.00 | 70.92 0.77 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.46 0.27 0.00 | 31.02 0.03 0.00 | 30.03 0.00 0.00 | 29.81 -0.09 0.00 | 31.72 0.00 0.00 | 37.47 0.22 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.10 1.71 0.00 | 51.61 1.36 0.00 | 44.45 1.29 0.00 | 41.90 1.06 0.00 | 38.86 0.87 0.00 |
| LACHUTE__HYDRO 323717 | 37.62 2.17 0.11 | 36.94 2.12 0.00 | 36.60 2.07 0.00 | 36.28 2.15 0.00 | 36.09 2.11 0.00 | 38.35 2.51 0.00 | 54.29 3.74 0.00 | 75.41 5.26 0.00 | 53.34 2.92 0.00 | 42.10 1.46 0.00 | 34.60 1.01 0.21 | 33.56 0.80 0.44 | 31.29 0.59 0.29 | 30.32 0.51 0.22 | 30.25 0.57 0.22 | 32.54 0.82 0.00 | 38.51 1.27 0.00 | 54.86 2.61 0.00 | 71.75 4.25 0.00 | 73.17 4.79 0.00 | 53.72 3.46 0.00 | 46.05 2.89 0.00 | 43.33 2.49 0.00 | 40.07 2.09 0.00 |
| LAWRNCV_115KV_TB1 80681 | 36.27 0.71 0.00 | 35.55 0.73 0.00 | 35.22 0.69 0.00 | 34.74 0.61 0.00 | 34.67 0.68 0.00 | 36.56 0.72 0.00 | 51.56 1.01 0.00 | 71.41 1.26 0.00 | 51.17 0.76 0.00 | 41.16 0.53 0.00 | 34.13 0.34 0.00 | 33.56 0.37 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.96 0.06 0.00 | 31.81 0.10 0.00 | 37.50 0.26 0.00 | 53.08 0.84 0.00 | 68.71 1.21 0.00 | 69.69 1.30 0.00 | 51.56 1.31 0.00 | 44.32 1.17 0.00 | 41.74 0.90 0.00 | 38.71 0.72 0.00 |
| LEDERLE____ 23769 | 37.59 1.81 -0.22 | 36.35 1.53 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.28 1.29 0.00 | 37.46 1.61 0.00 | 52.62 2.07 0.00 | 73.37 3.23 0.00 | 52.33 1.92 0.00 | 42.54 1.91 0.00 | 36.09 1.86 -0.44 | 35.96 1.86 -0.90 | 33.48 1.89 -0.59 | 32.43 1.95 -0.45 | 32.39 2.03 -0.46 | 33.84 2.12 0.00 | 39.78 2.53 0.00 | 55.07 2.82 0.00 | 70.87 3.37 0.00 | 71.87 3.49 0.00 | 52.52 2.26 0.00 | 45.10 1.94 0.00 | 42.60 1.76 0.00 | 39.70 1.71 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 35.45 -0.11 0.00 | 34.71 -0.10 0.00 | 34.42 -0.10 0.00 | 33.99 -0.14 0.00 | 33.95 -0.03 0.00 | 35.84 0.00 0.00 | 50.70 0.15 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.39 -0.24 0.00 | 33.49 -0.30 0.00 | 32.80 -0.40 0.00 | 30.68 -0.31 0.00 | 29.64 -0.39 0.00 | 29.49 -0.42 0.00 | 31.27 -0.44 0.00 | 36.72 -0.52 0.00 | 51.83 -0.42 0.00 | 67.29 -0.20 0.00 | 68.18 -0.21 0.00 | 50.15 -0.10 0.00 | 43.20 0.04 0.00 | 40.88 0.04 0.00 | 37.99 0.00 0.00 |
| LINDEN COGEN____ 23786 | 37.60 1.78 -0.27 | 36.31 1.50 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.39 1.54 0.00 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.33 1.92 0.00 | 42.67 2.03 0.00 | 36.42 2.10 -0.53 | 36.39 2.09 -1.10 | 33.85 2.14 -0.72 | 32.80 2.22 -0.55 | 32.73 2.27 -0.55 | 34.06 2.35 0.00 | 40.04 2.79 0.00 | 54.96 2.72 0.00 | 70.60 3.11 0.00 | 71.53 3.15 0.00 | 52.27 2.01 0.00 | 45.10 1.94 0.00 | 42.92 2.08 0.00 | 39.77 1.79 0.00 |
| LINDHRST_69_KV_BK1 356055 | 38.57 2.74 -0.27 | 37.08 2.26 0.00 | 36.56 2.04 0.00 | 36.07 1.95 0.00 | 35.75 1.77 0.00 | 38.07 2.22 0.00 | 51.49 0.96 0.02 | 66.29 1.75 5.61 | 49.64 0.81 1.57 | 42.59 1.95 0.00 | 36.93 2.60 -0.53 | 37.04 2.72 -1.11 | 34.38 2.67 -0.73 | 33.30 2.70 -0.56 | 33.28 2.81 -0.57 | 34.71 2.98 -0.02 | 40.64 3.39 -0.01 | 54.44 2.19 0.00 | 63.86 1.96 5.59 | 65.98 2.19 4.59 | 49.92 1.36 1.69 | 44.54 1.38 0.00 | 42.23 1.39 0.00 | 40.27 2.28 0.00 |
| LIPA_MISC_IPP 23656 | 38.03 2.20 -0.27 | 36.49 1.67 0.00 | 35.98 1.45 0.00 | 35.52 1.40 0.00 | 35.18 1.19 0.00 | 37.53 1.68 0.00 | 50.38 -0.15 0.02 | 65.67 -0.14 4.34 | 48.49 -0.45 1.47 | 41.81 1.18 0.00 | 36.32 1.99 -0.53 | 36.44 2.12 -1.11 | 33.79 2.08 -0.73 | 32.72 2.13 -0.56 | 32.68 2.21 -0.57 | 34.11 2.38 -0.01 | 39.79 2.53 -0.01 | 53.03 0.78 0.00 | 63.10 -0.07 4.33 | 65.04 0.21 3.55 | 48.89 -0.05 1.31 | 43.54 0.39 0.00 | 41.29 0.45 0.00 | 39.47 1.48 0.00 |
| LISF__SOLAR 323691 | 38.07 2.24 -0.27 | 36.63 1.81 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.21 1.22 0.00 | 37.60 1.76 0.00 | 50.12 -0.41 0.02 | 65.34 -0.28 4.53 | 48.40 -0.50 1.50 | 41.53 0.89 0.00 | 35.98 1.66 -0.53 | 36.20 1.89 -1.11 | 33.42 1.70 -0.73 | 32.48 1.89 -0.56 | 32.51 2.03 -0.57 | 33.91 2.19 -0.01 | 39.86 2.61 -0.01 | 53.13 0.89 0.00 | 63.05 0.07 4.52 | 64.95 0.27 3.71 | 48.94 0.05 1.37 | 44.50 1.34 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| LITTLE FALLS__HYD 24013 | 37.12 1.56 0.00 | 36.31 1.50 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.45 1.46 0.00 | 37.46 1.61 0.00 | 52.83 2.27 0.00 | 73.23 3.09 0.00 | 52.48 2.07 0.00 | 42.22 1.58 0.00 | 35.11 1.32 0.00 | 34.46 1.26 0.00 | 32.17 1.18 0.00 | 31.05 1.02 0.00 | 30.89 0.99 0.00 | 32.73 1.01 0.00 | 38.47 1.23 0.00 | 54.18 1.93 0.00 | 70.26 2.77 0.00 | 71.33 2.94 0.00 | 52.42 2.16 0.00 | 45.10 1.94 0.00 | 42.76 1.92 0.00 | 39.77 1.79 0.00 |

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| LITTLRIV_115KV_TB1 356100 | 36.62 1.07 0.00 | 35.90 1.08 0.00 | 35.56 1.04 0.00 | 35.08 0.96 0.00 | 35.01 1.02 0.00 | 36.99 1.15 0.00 | 52.22 1.67 0.00 | 72.32 2.17 0.00 | 51.62 1.21 0.00 | 41.41 0.77 0.00 | 34.30 0.51 0.00 | 33.70 0.50 0.00 | 31.27 0.28 0.00 | 30.21 0.18 0.00 | 30.05 0.15 0.00 | 31.91 0.19 0.00 | 37.69 0.45 0.00 | 53.60 1.36 0.00 | 69.59 2.09 0.00 | 70.64 2.26 0.00 | 52.21 1.96 0.00 | 44.84 1.68 0.00 | 42.23 1.39 0.00 | 39.09 1.10 0.00 |
| LI_NEWBRDGE___DRP 323616 | 38.14 2.31 -0.27 | 36.70 1.88 0.00 | 36.22 1.69 0.00 | 35.73 1.60 0.00 | 35.45 1.46 0.00 | 37.71 1.86 0.00 | 51.05 0.51 0.01 | 71.01 1.19 0.33 | 50.15 0.50 0.77 | 42.30 1.67 0.00 | 36.62 2.30 -0.53 | 36.70 2.39 -1.11 | 34.10 2.39 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.57 | 34.29 2.57 -0.01 | 40.16 2.91 -0.01 | 53.92 1.67 0.00 | 68.65 1.48 0.33 | 69.68 1.57 0.28 | 51.05 0.90 0.11 | 44.15 0.99 0.00 | 41.82 0.98 0.00 | 39.85 1.86 0.00 |
| LOCKPORT_115KV_TB60_63_64 80432 | 35.52 -0.04 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.10 0.25 0.00 | 51.06 0.51 0.00 | 69.31 -0.84 0.00 | 51.02 0.60 0.00 | 41.41 0.77 0.00 | 34.37 0.57 0.00 | 33.56 0.37 0.00 | 31.12 0.12 0.00 | 30.12 0.09 0.00 | 29.69 -0.21 0.00 | 31.37 -0.35 0.00 | 35.68 -1.56 0.00 | 50.21 -2.04 0.00 | 65.34 -2.16 0.00 | 65.92 -2.46 0.00 | 49.05 -1.21 0.00 | 42.25 -0.91 0.00 | 41.17 0.33 0.00 | 38.44 0.46 0.00 |
| LOCKPORT___CC1 323769 | 35.56 0.00 0.00 | 35.44 0.63 0.00 | 34.94 0.42 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.17 0.32 0.00 | 51.11 0.56 0.00 | 69.31 -0.84 0.00 | 51.02 0.61 0.00 | 41.49 0.85 0.00 | 34.47 0.68 0.00 | 33.66 0.46 0.00 | 31.15 0.16 0.00 | 30.06 0.03 0.00 | 29.78 -0.12 0.00 | 31.46 -0.25 0.00 | 35.72 -1.53 0.00 | 50.21 -2.04 0.00 | 65.33 -2.16 0.00 | 65.93 -2.46 0.00 | 49.05 -1.21 0.00 | 42.08 -1.08 0.00 | 39.74 -1.10 0.00 | 38.14 0.15 0.00 |
| LOCKPORT___CC2 323770 | 35.56 0.00 0.00 | 35.44 0.63 0.00 | 34.94 0.42 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.17 0.32 0.00 | 51.11 0.56 0.00 | 69.31 -0.84 0.00 | 51.02 0.61 0.00 | 41.49 0.85 0.00 | 34.47 0.68 0.00 | 33.66 0.46 0.00 | 31.15 0.16 0.00 | 30.06 0.03 0.00 | 29.78 -0.12 0.00 | 31.46 -0.25 0.00 | 35.72 -1.53 0.00 | 50.21 -2.04 0.00 | 65.33 -2.16 0.00 | 65.93 -2.46 0.00 | 49.05 -1.21 0.00 | 42.08 -1.08 0.00 | 39.74 -1.10 0.00 | 38.14 0.15 0.00 |
| LOCKPORT___CC3 323771 | 35.56 0.00 0.00 | 35.44 0.63 0.00 | 34.94 0.42 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.17 0.32 0.00 | 51.11 0.56 0.00 | 69.31 -0.84 0.00 | 51.02 0.61 0.00 | 41.49 0.85 0.00 | 34.47 0.68 0.00 | 33.66 0.46 0.00 | 31.15 0.16 0.00 | 30.06 0.03 0.00 | 29.78 -0.12 0.00 | 31.46 -0.25 0.00 | 35.72 -1.53 0.00 | 50.21 -2.04 0.00 | 65.33 -2.16 0.00 | 65.93 -2.46 0.00 | 49.05 -1.21 0.00 | 42.08 -1.08 0.00 | 39.74 -1.10 0.00 | 38.14 0.15 0.00 |
| LOCUSVLY_69_KV_BK2 55797 | 38.21 2.38 -0.27 | 36.80 1.98 0.00 | 36.32 1.80 0.00 | 35.86 1.74 0.00 | 35.58 1.60 0.00 | 37.82 1.97 0.00 | 51.59 1.06 0.02 | 65.97 1.96 6.14 | 50.00 1.06 1.47 | 42.59 1.95 0.00 | 36.79 2.47 -0.53 | 36.87 2.56 -1.12 | 34.23 2.51 -0.73 | 33.15 2.55 -0.57 | 33.11 2.63 -0.57 | 34.47 2.73 -0.02 | 40.35 3.09 -0.01 | 54.54 2.30 0.00 | 63.73 2.36 6.12 | 65.82 2.46 5.02 | 49.97 1.56 1.85 | 44.62 1.47 0.00 | 42.23 1.39 0.00 | 40.04 2.05 0.00 |
| LONG_LAKE_PHOENIX 24014 | 34.99 -0.57 0.00 | 34.33 -0.49 0.00 | 33.97 -0.55 0.00 | 33.61 -0.51 0.00 | 33.54 -0.44 0.00 | 35.31 -0.54 0.00 | 50.00 -0.56 0.00 | 69.31 -0.84 0.00 | 49.81 -0.60 0.00 | 40.03 -0.61 0.00 | 33.25 -0.54 0.00 | 32.60 -0.60 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.37 -0.54 0.00 | 31.14 -0.57 0.00 | 36.54 -0.71 0.00 | 51.36 -0.89 0.00 | 66.42 -1.08 0.00 | 67.22 -1.16 0.00 | 49.45 -0.80 0.00 | 42.47 -0.69 0.00 | 40.27 -0.57 0.00 | 37.49 -0.49 0.00 |
| LOVETT___3 23632 | 37.38 1.60 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.96 1.72 -0.44 | 35.83 1.73 -0.91 | 33.36 1.77 -0.60 | 32.29 1.80 -0.46 | 32.28 1.91 -0.46 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| LOVETT___4 23642 | 37.38 1.60 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.96 1.72 -0.44 | 35.83 1.73 -0.91 | 33.36 1.77 -0.60 | 32.29 1.80 -0.46 | 32.28 1.91 -0.46 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| LOVETT___5 23593 | 37.38 1.60 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.96 1.72 -0.44 | 35.83 1.73 -0.91 | 33.36 1.77 -0.60 | 32.29 1.80 -0.46 | 32.28 1.91 -0.46 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| LOWER RAQUET___HYD 24057 | 36.34 0.78 0.00 | 35.62 0.80 0.00 | 35.32 0.79 0.00 | 34.81 0.68 0.00 | 34.73 0.75 0.00 | 36.60 0.75 0.00 | 51.66 1.11 0.00 | 71.55 1.40 0.00 | 51.17 0.76 0.00 | 41.20 0.57 0.00 | 34.13 0.34 0.00 | 33.60 0.40 0.00 | 31.15 0.16 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.78 0.06 0.00 | 37.51 0.26 0.00 | 53.13 0.89 0.00 | 68.71 1.22 0.00 | 69.75 1.37 0.00 | 51.66 1.41 0.00 | 44.36 1.21 0.00 | 41.86 1.02 0.00 | 38.79 0.80 0.00 |
| LOWER___HUDSON 24059 | 36.12 0.71 0.14 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.56 0.72 0.00 | 51.46 0.91 0.00 | 71.69 1.54 0.00 | 51.27 0.86 0.00 | 41.28 0.65 0.00 | 34.12 0.61 0.29 | 33.20 0.60 0.60 | 31.19 0.59 0.39 | 30.36 0.63 0.30 | 30.29 0.69 0.30 | 32.48 0.76 0.00 | 38.25 1.01 0.00 | 53.45 1.20 0.00 | 68.98 1.48 0.00 | 69.96 1.57 0.00 | 51.31 1.06 0.00 | 44.11 0.95 0.00 | 41.74 0.90 0.00 | 38.67 0.68 0.00 |
| LOWVILLE_115KV_TB2 356335 | 36.09 0.53 0.00 | 35.27 0.45 0.00 | 35.01 0.48 0.00 | 34.50 0.38 0.00 | 34.46 0.48 0.00 | 36.49 0.65 0.00 | 51.71 1.16 0.00 | 72.04 1.89 0.00 | 51.12 0.71 0.00 | 40.80 0.16 0.00 | 33.76 -0.03 0.00 | 33.10 -0.10 0.00 | 30.90 -0.09 0.00 | 29.76 -0.27 0.00 | 29.66 -0.24 0.00 | 31.40 -0.32 0.00 | 37.10 -0.15 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.03 1.64 0.00 | 51.51 1.26 0.00 | 44.24 1.08 0.00 | 41.74 0.90 0.00 | 38.63 0.65 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 36.51 1.07 0.11 | 35.79 0.97 0.00 | 35.53 1.00 0.00 | 35.15 1.02 0.00 | 34.94 0.95 0.00 | 36.99 1.15 0.00 | 52.17 1.62 0.00 | 72.53 2.38 0.00 | 51.72 1.31 0.00 | 41.45 0.81 0.00 | 34.22 0.64 0.22 | 33.28 0.53 0.45 | 31.16 0.46 0.30 | 30.28 0.48 0.23 | 30.21 0.54 0.23 | 32.38 0.67 0.00 | 38.18 0.93 0.00 | 53.71 1.46 0.00 | 69.59 2.09 0.00 | 70.64 2.26 0.00 | 51.86 1.61 0.00 | 44.54 1.38 0.00 | 41.99 1.14 0.00 | 39.01 1.03 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 36.55 1.10 0.11 | 35.79 0.97 0.00 | 35.53 1.00 0.00 | 35.15 1.02 0.00 | 34.97 0.99 0.00 | 37.03 1.18 0.00 | 52.17 1.62 0.00 | 72.60 2.46 0.00 | 51.77 1.36 0.00 | 41.45 0.81 0.00 | 34.22 0.64 0.22 | 33.31 0.56 0.45 | 31.19 0.50 0.30 | 30.28 0.48 0.23 | 30.24 0.57 0.23 | 32.41 0.70 0.00 | 38.18 0.93 0.00 | 53.71 1.46 0.00 | 69.59 2.09 0.00 | 70.71 2.33 0.00 | 51.91 1.66 0.00 | 44.54 1.38 0.00 | 41.99 1.14 0.00 | 39.01 1.03 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.53 0.68 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.37 1.21 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| LYONS_FALL_HYD 23570 | 36.09 0.53 0.00 | 35.27 0.45 0.00 | 35.05 0.52 0.00 | 34.57 0.44 0.00 | 34.50 0.51 0.00 | 36.45 0.61 0.00 | 51.71 1.16 0.00 | 72.04 1.89 0.00 | 51.22 0.80 0.00 | 40.96 0.32 0.00 | 33.93 0.14 0.00 | 33.27 0.07 0.00 | 31.05 0.06 0.00 | 29.94 -0.09 0.00 | 29.84 -0.06 0.00 | 31.62 -0.09 0.00 | 37.28 0.04 0.00 | 53.08 0.83 0.00 | 69.05 1.55 0.00 | 70.02 1.64 0.00 | 51.46 1.20 0.00 | 44.19 1.03 0.00 | 41.66 0.82 0.00 | 38.63 0.65 0.00 |
| MADISON___COUNTY_LFGE 323628 | 36.27 0.71 0.00 | 35.48 0.66 0.00 | 35.22 0.69 0.00 | 34.77 0.65 0.00 | 34.70 0.71 0.00 | 36.74 0.90 0.00 | 52.07 1.52 0.00 | 72.32 2.17 0.00 | 51.62 1.21 0.00 | 41.28 0.65 0.00 | 34.23 0.44 0.00 | 33.53 0.33 0.00 | 31.36 0.37 0.00 | 30.27 0.24 0.00 | 30.14 0.24 0.00 | 31.94 0.22 0.00 | 37.62 0.37 0.00 | 53.39 1.15 0.00 | 69.39 1.89 0.00 | 70.30 1.91 0.00 | 51.61 1.36 0.00 | 44.24 1.08 0.00 | 41.86 1.02 0.00 | 38.82 0.84 0.00 |
| MALONE___115KV_TB1 356076 | 36.45 0.89 0.00 | 35.79 0.97 0.00 | 35.42 0.90 0.00 | 34.98 0.85 0.00 | 34.90 0.92 0.00 | 36.74 0.90 0.00 | 51.92 1.36 0.00 | 71.76 1.61 0.00 | 51.57 1.16 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.80 0.60 0.00 | 31.33 0.34 0.00 | 30.30 0.27 0.00 | 30.08 0.18 0.00 | 32.00 0.29 0.00 | 37.77 0.52 0.00 | 53.50 1.25 0.00 | 69.59 2.09 0.00 | 70.64 2.26 0.00 | 52.06 1.81 0.00 | 44.62 1.47 0.00 | 42.03 1.18 0.00 | 38.97 0.99 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 36.01 0.57 0.11 | 35.27 0.45 0.00 | 35.04 0.52 0.00 | 34.84 0.72 0.00 | 34.63 0.65 0.00 | 36.67 0.82 0.00 | 51.56 1.01 0.00 | 71.83 1.68 0.00 | 51.32 0.91 0.00 | 41.33 0.69 0.00 | 34.04 0.47 0.23 | 33.16 0.43 0.47 | 31.12 0.43 0.31 | 30.27 0.48 0.24 | 30.23 0.57 0.24 | 32.35 0.63 0.00 | 38.03 0.78 0.00 | 53.13 0.89 0.00 | 68.58 1.08 0.00 | 69.55 1.16 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 35.09 -0.46 0.00 | 34.36 -0.45 0.00 | 34.08 -0.45 0.00 | 33.68 -0.44 0.00 | 33.54 -0.44 0.00 | 35.34 -0.50 0.00 | 49.79 -0.76 0.00 | 69.10 -1.05 0.00 | 49.66 -0.75 0.00 | 40.07 -0.57 0.00 | 33.29 -0.51 0.00 | 32.73 -0.46 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.40 -0.51 0.00 | 31.15 -0.57 0.00 | 36.65 -0.60 0.00 | 51.56 -0.68 0.00 | 66.76 -0.74 0.00 | 67.64 -0.75 0.00 | 49.70 -0.55 0.00 | 42.68 -0.47 0.00 | 40.39 -0.45 0.00 | 37.61 -0.38 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 35.09 -0.46 0.00 | 34.36 -0.45 0.00 | 34.08 -0.45 0.00 | 33.68 -0.44 0.00 | 33.54 -0.44 0.00 | 35.34 -0.50 0.00 | 49.79 -0.76 0.00 | 69.10 -1.05 0.00 | 49.66 -0.75 0.00 | 40.07 -0.57 0.00 | 33.29 -0.51 0.00 | 32.73 -0.46 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.40 -0.51 0.00 | 31.15 -0.57 0.00 | 36.65 -0.60 0.00 | 51.56 -0.68 0.00 | 66.76 -0.74 0.00 | 67.64 -0.75 0.00 | 49.70 -0.55 0.00 | 42.68 -0.47 0.00 | 40.39 -0.45 0.00 | 37.61 -0.38 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 35.98 0.43 0.00 | 35.34 0.52 0.00 | 35.05 0.52 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.24 0.40 0.00 | 50.65 0.10 0.00 | 69.94 -0.21 0.00 | 50.26 -0.15 0.00 | 40.59 -0.04 0.00 | 33.59 -0.20 0.00 | 33.03 -0.17 0.00 | 30.62 -0.37 0.00 | 29.67 -0.36 0.00 | 29.46 -0.45 0.00 | 31.34 -0.38 0.00 | 37.06 -0.19 0.00 | 52.30 0.05 0.00 | 68.24 0.74 0.00 | 69.27 0.89 0.00 | 51.06 0.80 0.00 | 43.72 0.56 0.00 | 41.62 0.77 0.00 | 38.67 0.68 0.00 |
| MARSHVLE_115KV_TB1 80742 | 36.24 0.75 0.06 | 35.44 0.63 0.00 | 35.18 0.66 0.00 | 34.81 0.68 0.00 | 34.67 0.68 0.00 | 36.88 1.04 0.00 | 52.32 1.77 0.00 | 72.53 2.38 0.00 | 50.51 0.10 0.00 | 39.62 -1.02 0.00 | 32.47 -1.22 0.11 | 31.58 -1.39 0.23 | 29.51 -1.33 0.15 | 28.57 -1.35 0.11 | 28.50 -1.29 0.11 | 30.51 -1.21 0.00 | 36.20 -1.04 0.00 | 52.51 0.26 0.00 | 69.12 1.62 0.00 | 70.30 1.91 0.00 | 51.66 1.41 0.00 | 44.45 1.29 0.00 | 41.78 0.94 0.00 | 38.75 0.76 0.00 |
| MARSH_HILL_WT_PWR 323713 | 35.38 -0.18 0.00 | 34.99 0.17 0.00 | 34.46 -0.07 0.00 | 34.23 0.10 0.00 | 34.53 0.54 0.00 | 36.02 0.18 0.00 | 51.41 0.86 0.00 | 70.15 0.00 0.00 | 50.77 0.36 0.00 | 40.51 -0.12 0.00 | 33.46 -0.34 0.00 | 32.73 -0.46 0.00 | 30.43 -0.56 0.00 | 29.37 -0.66 0.00 | 29.07 -0.84 0.00 | 30.70 -1.02 0.00 | 35.49 -1.75 0.00 | 50.89 -1.36 0.00 | 67.09 -0.40 0.00 | 67.70 -0.68 0.00 | 50.00 -0.25 0.00 | 42.81 -0.35 0.00 | 40.35 -0.49 0.00 | 38.40 0.42 0.00 |
| MCINTYRE_115KV_TB2 80467 | 36.69 1.14 0.00 | 35.97 1.15 0.00 | 35.63 1.10 0.00 | 35.15 1.02 0.00 | 35.07 1.09 0.00 | 37.06 1.22 0.00 | 52.42 1.87 0.00 | 72.60 2.46 0.00 | 51.77 1.36 0.00 | 41.41 0.77 0.00 | 34.34 0.54 0.00 | 33.73 0.53 0.00 | 31.27 0.28 0.00 | 30.24 0.21 0.00 | 30.08 0.18 0.00 | 31.97 0.25 0.00 | 37.77 0.52 0.00 | 53.81 1.57 0.00 | 69.99 2.50 0.00 | 71.05 2.67 0.00 | 52.42 2.16 0.00 | 44.93 1.77 0.00 | 42.31 1.47 0.00 | 39.16 1.18 0.00 |
| MECO_____69_KV_BK1 80468 | 36.91 1.42 0.07 | 36.14 1.32 0.00 | 35.87 1.35 0.00 | 35.49 1.36 0.00 | 35.35 1.36 0.00 | 37.64 1.79 0.00 | 53.38 2.83 0.00 | 73.93 3.79 0.00 | 51.62 1.21 0.00 | 40.43 -0.20 0.00 | 33.06 -0.61 0.12 | 32.08 -0.86 0.26 | 29.89 -0.93 0.17 | 28.97 -0.93 0.13 | 28.97 -0.81 0.13 | 31.14 -0.57 0.00 | 37.13 -0.11 0.00 | 53.71 1.46 0.00 | 70.60 3.10 0.00 | 71.81 3.42 0.00 | 52.77 2.51 0.00 | 45.32 2.16 0.00 | 42.56 1.72 0.00 | 39.47 1.48 0.00 |
| MENANDS___115KV_TB5 355628 | 35.87 0.43 0.11 | 35.09 0.28 0.00 | 34.87 0.35 0.00 | 34.29 0.17 0.00 | 34.09 0.10 0.00 | 36.06 0.22 0.00 | 50.55 0.00 0.00 | 70.50 0.35 0.00 | 50.46 0.05 0.00 | 40.76 0.12 0.00 | 33.92 0.34 0.21 | 33.06 0.30 0.44 | 31.01 0.31 0.29 | 30.23 0.42 0.22 | 30.16 0.48 0.22 | 32.25 0.54 0.00 | 37.88 0.63 0.00 | 52.87 0.63 0.00 | 68.17 0.67 0.00 | 69.14 0.75 0.00 | 50.71 0.45 0.00 | 43.55 0.39 0.00 | 41.13 0.29 0.00 | 38.21 0.23 0.00 |
| MG INDUSTRY___DRP 24185 | 36.14 0.64 0.05 | 35.30 0.49 0.00 | 35.11 0.59 0.00 | 34.67 0.55 0.00 | 34.46 0.48 0.00 | 36.53 0.68 0.00 | 51.31 0.76 0.00 | 71.34 1.19 0.00 | 50.87 0.45 0.00 | 40.88 0.24 0.00 | 34.02 0.30 0.08 | 33.29 0.27 0.17 | 31.16 0.28 0.11 | 30.24 0.30 0.09 | 30.21 0.39 0.09 | 32.10 0.38 0.00 | 37.80 0.56 0.00 | 52.98 0.73 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 50.96 0.70 0.00 | 43.76 0.60 0.00 | 41.33 0.49 0.00 | 38.48 0.49 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.53 0.68 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.37 1.21 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| MID___RAQUETTE_HYD 23851 | 36.34 0.78 0.00 | 35.62 0.80 0.00 | 35.29 0.76 0.00 | 34.81 0.68 0.00 | 34.73 0.75 0.00 | 36.63 0.79 0.00 | 51.66 1.11 0.00 | 71.55 1.40 0.00 | 51.17 0.76 0.00 | 41.20 0.57 0.00 | 34.13 0.34 0.00 | 33.60 0.40 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.78 0.06 0.00 | 37.50 0.26 0.00 | 53.13 0.89 0.00 | 68.71 1.21 0.00 | 69.75 1.37 0.00 | 51.66 1.41 0.00 | 44.45 1.29 0.00 | 41.86 1.02 0.00 | 38.78 0.80 0.00 |
| MILLIKEN___1 23584 | 36.02 0.46 0.00 | 35.41 0.59 0.00 | 35.01 0.48 0.00 | 34.60 0.48 0.00 | 34.60 0.61 0.00 | 36.42 0.57 0.00 | 51.81 1.26 0.00 | 71.76 1.61 0.00 | 51.42 1.01 0.00 | 41.12 0.49 0.00 | 34.03 0.24 0.00 | 33.33 0.13 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.87 0.63 0.00 | 68.85 1.35 0.00 | 69.69 1.30 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.62 0.78 0.00 | 38.71 0.72 0.00 |
| MILLIKEN___2 23585 | 36.02 0.46 0.00 | 35.41 0.59 0.00 | 35.01 0.48 0.00 | 34.60 0.48 0.00 | 34.60 0.61 0.00 | 36.42 0.57 0.00 | 51.81 1.26 0.00 | 71.76 1.61 0.00 | 51.42 1.01 0.00 | 41.12 0.49 0.00 | 34.03 0.24 0.00 | 33.33 0.13 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.87 0.63 0.00 | 68.85 1.35 0.00 | 69.69 1.30 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.62 0.78 0.00 | 38.71 0.72 0.00 |
| MILLIKEN___DIESEL 23629 | 36.02 0.46 0.00 | 35.41 0.59 0.00 | 35.01 0.48 0.00 | 34.60 0.48 0.00 | 34.60 0.61 0.00 | 36.42 0.57 0.00 | 51.81 1.26 0.00 | 71.76 1.61 0.00 | 51.42 1.01 0.00 | 41.12 0.49 0.00 | 34.03 0.24 0.00 | 33.33 0.13 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 37.32 0.07 0.00 | 52.87 0.63 0.00 | 68.85 1.35 0.00 | 69.69 1.30 0.00 | 51.21 0.95 0.00 | 43.89 0.73 0.00 | 41.62 0.78 0.00 | 38.71 0.72 0.00 |
| MILLSEAT___LFGE 323607 | 36.02 0.46 0.00 | 35.90 1.08 0.00 | 35.35 0.83 0.00 | 35.11 0.99 0.00 | 35.41 1.43 0.00 | 36.60 0.75 0.00 | 51.96 1.41 0.00 | 70.78 0.63 0.00 | 51.82 1.41 0.00 | 42.02 1.38 0.00 | 34.78 0.98 0.00 | 33.99 0.80 0.00 | 31.46 0.47 0.00 | 30.36 0.33 0.00 | 30.05 0.15 0.00 | 31.75 0.03 0.00 | 36.20 -1.04 0.00 | 51.25 -0.99 0.00 | 66.82 -0.67 0.00 | 67.49 -0.89 0.00 | 50.10 -0.15 0.00 | 42.94 -0.21 0.00 | 40.47 -0.37 0.00 | 38.67 0.68 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 37.39 1.60 -0.23 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.11 1.12 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.38 1.75 0.00 | 36.00 1.76 -0.45 | 35.89 1.76 -0.93 | 33.37 1.77 -0.61 | 32.33 1.83 -0.47 | 32.29 1.91 -0.47 | 33.71 2.00 0.00 | 39.59 2.35 0.00 | 54.65 2.40 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.35 1.51 0.00 | 39.51 1.52 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 37.42 1.64 -0.23 | 36.17 1.36 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.31 1.47 0.00 | 52.32 1.77 0.00 | 73.02 2.88 0.00 | 52.13 1.71 0.00 | 42.42 1.79 0.00 | 36.04 1.79 -0.45 | 35.89 1.76 -0.93 | 33.40 1.80 -0.61 | 32.33 1.83 -0.47 | 32.32 1.94 -0.47 | 33.74 2.03 0.00 | 39.63 2.38 0.00 | 54.75 2.51 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 44.88 1.73 0.00 | 42.39 1.55 0.00 | 39.54 1.56 0.00 |
| MODEL_CITY_ENERGY 24167 | 35.24 -0.32 0.00 | 35.20 0.38 0.00 | 34.67 0.14 0.00 | 34.50 0.38 0.00 | 34.80 0.81 0.00 | 35.84 0.00 0.00 | 50.55 0.00 0.00 | 68.54 -1.61 0.00 | 50.51 0.10 0.00 | 41.12 0.49 0.00 | 34.17 0.37 0.00 | 33.40 0.20 0.00 | 30.87 -0.12 0.00 | 29.82 -0.21 0.00 | 29.55 -0.36 0.00 | 31.21 -0.51 0.00 | 35.38 -1.86 0.00 | 49.69 -2.56 0.00 | 64.66 -2.83 0.00 | 65.17 -3.21 0.00 | 48.49 -1.76 0.00 | 41.65 -1.51 0.00 | 39.33 -1.51 0.00 | 37.80 -0.19 0.00 |
| MODERN_LFGE___ 323580 | 35.24 -0.32 0.00 | 35.20 0.38 0.00 | 34.67 0.14 0.00 | 34.50 0.38 0.00 | 34.80 0.81 0.00 | 35.84 0.00 0.00 | 50.55 0.00 0.00 | 68.54 -1.61 0.00 | 50.51 0.10 0.00 | 41.12 0.49 0.00 | 34.17 0.37 0.00 | 33.40 0.20 0.00 | 30.87 -0.12 0.00 | 29.82 -0.21 0.00 | 29.55 -0.36 0.00 | 31.21 -0.51 0.00 | 35.38 -1.86 0.00 | 49.69 -2.56 0.00 | 64.66 -2.83 0.00 | 65.17 -3.21 0.00 | 48.49 -1.76 0.00 | 41.65 -1.51 0.00 | 39.33 -1.51 0.00 | 37.80 -0.19 0.00 |
| MOHAWK_PAPER___DRP 24187 | 36.01 0.57 0.11 | 35.27 0.45 0.00 | 35.04 0.52 0.00 | 34.84 0.72 0.00 | 34.63 0.65 0.00 | 36.67 0.82 0.00 | 51.56 1.01 0.00 | 71.83 1.68 0.00 | 51.32 0.91 0.00 | 41.33 0.69 0.00 | 34.04 0.47 0.23 | 33.16 0.43 0.47 | 31.12 0.43 0.31 | 30.27 0.48 0.24 | 30.23 0.57 0.24 | 32.35 0.63 0.00 | 38.03 0.78 0.00 | 53.13 0.89 0.00 | 68.58 1.08 0.00 | 69.55 1.16 0.00 | 51.01 0.75 0.00 | 43.85 0.69 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 36.48 1.03 0.11 | 35.76 0.94 0.00 | 35.49 0.97 0.00 | 35.15 1.02 0.00 | 34.94 0.95 0.00 | 36.99 1.15 0.00 | 52.27 1.72 0.00 | 72.67 2.53 0.00 | 51.72 1.31 0.00 | 41.20 0.57 0.00 | 33.99 0.41 0.21 | 33.02 0.27 0.44 | 30.89 0.19 0.29 | 29.96 0.15 0.22 | 29.92 0.24 0.22 | 32.13 0.41 0.00 | 37.88 0.63 0.00 | 53.50 1.25 0.00 | 69.52 2.02 0.00 | 70.71 2.33 0.00 | 51.91 1.66 0.00 | 44.50 1.34 0.00 | 41.90 1.06 0.00 | 38.90 0.91 0.00 |
| MONGAUP___HYD 23641 | 37.68 1.92 -0.20 | 36.49 1.67 0.00 | 36.04 1.52 0.00 | 35.62 1.50 0.00 | 35.41 1.43 0.00 | 37.57 1.72 0.00 | 52.98 2.43 0.00 | 73.72 3.58 0.00 | 52.28 1.87 0.00 | 42.18 1.54 0.00 | 35.61 1.42 -0.40 | 35.39 1.36 -0.83 | 32.99 1.46 -0.54 | 31.95 1.50 -0.41 | 31.88 1.55 -0.42 | 33.36 1.65 0.00 | 39.37 2.12 0.00 | 55.06 2.82 0.00 | 71.21 3.71 0.00 | 72.21 3.83 0.00 | 52.87 2.61 0.00 | 45.40 2.24 0.00 | 43.05 2.20 0.00 | 39.88 1.90 0.00 |
| MONTAUK___DIESEL 23721 | 37.46 1.64 -0.27 | 35.93 1.11 0.00 | 35.42 0.90 0.00 | 34.94 0.82 0.00 | 34.56 0.58 0.00 | 36.99 1.15 0.00 | 49.06 -1.47 0.02 | 63.91 -1.82 4.41 | 47.16 -1.76 1.48 | 40.63 0.00 0.00 | 35.64 1.32 -0.53 | 35.81 1.49 -1.11 | 33.14 1.43 -0.73 | 32.12 1.53 -0.56 | 32.15 1.67 -0.57 | 33.57 1.84 -0.01 | 38.97 1.71 -0.01 | 52.14 -0.10 0.00 | 61.81 -1.28 4.41 | 63.74 -1.03 3.62 | 47.86 -1.06 1.34 | 42.68 -0.47 0.00 | 40.27 -0.57 0.00 | 38.94 0.95 0.00 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.29 0.76 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.85 1.00 0.00 | 52.72 2.17 0.00 | 71.76 1.61 0.00 | 52.53 2.12 0.00 | 42.42 1.79 0.00 | 34.98 1.18 0.00 | 34.20 1.00 0.00 | 31.86 0.87 0.00 | 30.78 0.75 0.00 | 30.26 0.36 0.00 | 31.97 0.25 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 68.04 0.54 0.00 | 68.80 0.41 0.00 | 50.81 0.55 0.00 | 43.59 0.43 0.00 | 42.11 1.27 0.00 | 39.24 1.25 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 35.56 0.00 0.00 | 35.24 0.42 0.00 | 34.73 0.21 0.00 | 34.53 0.41 0.00 | 34.77 0.78 0.00 | 36.20 0.36 0.00 | 51.46 0.91 0.00 | 70.22 0.07 0.00 | 50.92 0.50 0.00 | 40.76 0.12 0.00 | 33.73 -0.07 0.00 | 33.00 -0.20 0.00 | 30.68 -0.31 0.00 | 29.64 -0.39 0.00 | 29.31 -0.60 0.00 | 30.95 -0.76 0.00 | 35.68 -1.56 0.00 | 50.94 -1.30 0.00 | 66.95 -0.54 0.00 | 67.57 -0.82 0.00 | 49.91 -0.35 0.00 | 42.73 -0.43 0.00 | 40.27 -0.57 0.00 | 38.33 0.34 0.00 |
| MORTIMER_115KV_TB3 55949 | 35.70 0.14 0.00 | 35.37 0.56 0.00 | 34.84 0.31 0.00 | 34.47 0.34 0.00 | 34.60 0.61 0.00 | 36.10 0.25 0.00 | 51.31 0.76 0.00 | 70.57 0.42 0.00 | 51.22 0.81 0.00 | 41.33 0.69 0.00 | 34.23 0.44 0.00 | 33.50 0.30 0.00 | 31.24 0.25 0.00 | 30.18 0.15 0.00 | 29.90 0.00 0.00 | 31.62 -0.10 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 67.23 -0.27 0.00 | 67.98 -0.41 0.00 | 50.25 0.00 0.00 | 43.16 0.00 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.71 1.88 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.52 1.40 0.00 | 35.31 1.33 0.00 | 37.53 1.68 0.00 | 52.47 1.92 0.00 | 73.37 3.23 0.00 | 52.43 2.02 0.00 | 42.79 2.15 0.00 | 36.49 2.16 -0.53 | 36.49 2.19 -1.10 | 33.88 2.17 -0.72 | 32.77 2.19 -0.55 | 32.76 2.30 -0.56 | 34.13 2.41 0.00 | 40.07 2.83 0.00 | 55.07 2.82 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.10 1.94 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 37.36 1.78 -0.03 | 36.52 1.71 0.00 | 36.25 1.73 0.00 | 35.76 1.64 0.00 | 35.82 1.83 0.00 | 37.92 2.08 0.00 | 54.29 3.74 0.00 | 75.41 5.26 0.00 | 53.34 2.92 0.00 | 42.14 1.50 0.00 | 34.76 0.91 -0.05 | 33.90 0.60 -0.11 | 31.59 0.53 -0.07 | 30.29 0.21 -0.05 | 30.17 0.21 -0.05 | 31.97 0.25 0.00 | 37.88 0.63 0.00 | 54.86 2.61 0.00 | 72.15 4.65 0.00 | 73.10 4.72 0.00 | 53.67 3.42 0.00 | 45.88 2.72 0.00 | 43.21 2.37 0.00 | 40.23 2.24 0.00 |
| N SALMON___HYD 24042 | 36.45 0.89 0.00 | 35.79 0.97 0.00 | 35.46 0.93 0.00 | 34.98 0.85 0.00 | 34.90 0.92 0.00 | 36.74 0.90 0.00 | 51.92 1.37 0.00 | 71.76 1.61 0.00 | 51.57 1.16 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.80 0.60 0.00 | 31.33 0.34 0.00 | 30.30 0.27 0.00 | 30.08 0.18 0.00 | 32.00 0.28 0.00 | 37.77 0.52 0.00 | 53.50 1.25 0.00 | 69.59 2.09 0.00 | 70.64 2.25 0.00 | 52.06 1.81 0.00 | 44.50 1.34 0.00 | 42.03 1.19 0.00 | 38.97 0.99 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 35.98 0.43 0.00 | 36.00 1.18 0.00 | 35.36 0.83 0.00 | 35.08 0.96 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.87 1.31 0.00 | 70.64 0.49 0.00 | 51.77 1.36 0.00 | 41.94 1.30 0.00 | 34.71 0.91 0.00 | 33.86 0.66 0.00 | 31.43 0.43 0.00 | 30.39 0.36 0.00 | 29.99 0.09 0.00 | 31.65 -0.06 0.00 | 36.16 -1.08 0.00 | 51.15 -1.10 0.00 | 66.62 -0.88 0.00 | 67.29 -1.09 0.00 | 49.95 -0.30 0.00 | 42.98 -0.17 0.00 | 41.74 0.90 0.00 | 38.90 0.91 0.00 |
| N.E_GEN_SANDY PD 24062 | 35.50 0.71 0.77 | 32.96 0.52 2.38 | 31.04 0.48 3.97 | 30.76 0.48 3.84 | 30.76 0.41 3.63 | 36.45 0.61 0.00 | 51.16 0.61 0.00 | 71.41 1.26 0.00 | 42.70 0.65 8.37 | 32.70 0.73 8.67 | 29.10 0.81 5.50 | 28.40 0.80 5.59 | 28.80 0.87 3.06 | 29.40 0.93 1.56 | 29.31 0.99 1.58 | 32.79 1.08 0.00 | 38.58 1.34 0.00 | 53.55 1.31 0.00 | 68.92 1.42 0.00 | 69.82 1.44 0.00 | 51.11 0.85 0.00 | 44.02 0.86 0.00 | 39.66 0.90 2.08 | 35.57 0.65 3.06 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 37.45 1.67 -0.22 | 36.21 1.39 0.00 | 35.77 1.24 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.31 1.47 0.00 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.42 1.79 0.00 | 35.95 1.72 -0.44 | 35.87 1.76 -0.91 | 33.39 1.80 -0.60 | 32.32 1.83 -0.45 | 32.31 1.94 -0.46 | 33.74 2.03 0.00 | 39.63 2.38 0.00 | 54.81 2.56 0.00 | 70.53 3.04 0.00 | 71.53 3.15 0.00 | 52.32 2.06 0.00 | 44.88 1.73 0.00 | 42.39 1.55 0.00 | 39.54 1.56 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 37.97 2.13 -0.28 | 36.67 1.85 -0.01 | 36.23 1.69 -0.01 | 35.77 1.64 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.47 1.92 0.00 | 73.23 3.09 0.00 | 52.23 1.81 0.00 | 42.83 2.19 0.00 | 36.65 2.33 -0.52 | 36.61 2.32 -1.09 | 34.03 2.32 -0.71 | 32.91 2.34 -0.54 | 32.90 2.45 -0.55 | 34.28 2.57 0.01 | 40.25 3.02 0.01 | 54.91 2.66 0.00 | 70.40 2.90 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.05 2.21 0.00 | 40.01 2.01 -0.01 |
| N.TROY___115KV_TB1 355778 | 36.12 0.71 0.14 | 35.41 0.59 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.56 0.72 0.00 | 51.46 0.91 0.00 | 71.69 1.54 0.00 | 51.27 0.86 0.00 | 41.33 0.69 0.00 | 34.15 0.64 0.29 | 33.20 0.60 0.60 | 31.19 0.59 0.39 | 30.36 0.63 0.30 | 30.29 0.69 0.30 | 32.48 0.76 0.00 | 38.25 1.01 0.00 | 53.45 1.20 0.00 | 68.98 1.48 0.00 | 69.96 1.57 0.00 | 51.31 1.06 0.00 | 44.06 0.91 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| NARROWS_GT1_1 24228 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_2 24229 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_3 24230 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_4 24231 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_5 24232 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |

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| NARROWS_GT1_6 24233 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_7 24234 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT1_8 24235 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_1 24236 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_2 24237 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_3 24238 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_4 24239 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_5 24240 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_6 24241 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_7 24242 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NARROWS_GT2_8 24243 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 36.73 1.17 0.00 | 35.58 0.77 0.00 | 35.36 0.83 0.00 | 34.94 0.82 0.00 | 34.67 0.68 0.00 | 37.24 1.40 0.00 | 52.57 2.02 0.00 | 73.09 2.95 0.00 | 51.67 1.26 0.00 | 41.08 0.45 0.00 | 34.47 0.68 0.00 | 33.70 0.50 0.00 | 31.52 0.53 0.00 | 30.60 0.57 0.00 | 30.59 0.69 0.00 | 32.13 0.41 0.00 | 37.80 0.56 0.00 | 53.39 1.15 0.00 | 69.18 1.69 0.00 | 70.16 1.78 0.00 | 51.51 1.26 0.00 | 44.24 1.08 0.00 | 41.70 0.86 0.00 | 38.75 0.76 0.00 |
| NCHELSEA_115KV_TR2 355582 | 37.59 1.78 -0.26 | 36.28 1.46 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.24 1.26 0.00 | 37.39 1.54 0.00 | 52.57 2.02 0.00 | 73.30 3.16 0.00 | 52.23 1.81 0.00 | 42.34 1.71 0.00 | 35.92 1.62 -0.50 | 35.81 1.56 -1.05 | 33.29 1.61 -0.69 | 32.24 1.68 -0.52 | 32.23 1.79 -0.53 | 33.59 1.87 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.47 2.21 0.00 | 45.06 1.90 0.00 | 42.56 1.72 0.00 | 39.66 1.67 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 36.54 1.10 0.12 | 35.86 1.04 0.00 | 35.56 1.03 0.00 | 35.18 1.06 0.00 | 34.97 0.99 0.00 | 37.03 1.18 0.00 | 52.22 1.67 0.00 | 72.67 2.52 0.00 | 51.82 1.41 0.00 | 41.53 0.89 0.00 | 34.26 0.71 0.24 | 33.33 0.63 0.50 | 31.25 0.59 0.33 | 30.35 0.57 0.25 | 30.28 0.63 0.25 | 32.48 0.76 0.00 | 38.29 1.04 0.00 | 53.81 1.57 0.00 | 69.72 2.22 0.00 | 70.78 2.39 0.00 | 51.96 1.71 0.00 | 44.63 1.47 0.00 | 42.19 1.35 0.00 | 39.09 1.10 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 34.88 -0.68 0.00 | 34.43 -0.38 0.00 | 33.97 -0.55 0.00 | 33.65 -0.48 0.00 | 33.71 -0.27 0.00 | 35.31 -0.54 0.00 | 50.20 -0.35 0.00 | 69.16 -0.98 0.00 | 50.06 -0.35 0.00 | 40.35 -0.28 0.00 | 33.42 -0.37 0.00 | 32.73 -0.46 0.00 | 30.49 -0.50 0.00 | 29.46 -0.57 0.00 | 29.22 -0.69 0.00 | 30.95 -0.76 0.00 | 35.98 -1.27 0.00 | 50.89 -1.36 0.00 | 66.08 -1.42 0.00 | 66.82 -1.57 0.00 | 49.30 -0.96 0.00 | 42.25 -0.91 0.00 | 39.86 -0.98 0.00 | 37.45 -0.53 0.00 |

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| NEG CENTRAL___DRP 24199 | 35.66 0.11 0.00 | 35.16 0.35 0.00 | 34.70 0.17 0.00 | 34.33 0.20 0.00 | 34.39 0.41 0.00 | 36.13 0.29 0.00 | 51.31 0.76 0.00 | 70.92 0.77 0.00 | 51.02 0.60 0.00 | 40.84 0.20 0.00 | 33.86 0.07 0.00 | 33.17 -0.03 0.00 | 30.99 0.00 0.00 | 29.97 -0.06 0.00 | 29.72 -0.18 0.00 | 31.52 -0.19 0.00 | 36.91 -0.34 0.00 | 52.19 -0.05 0.00 | 68.04 0.54 0.00 | 68.73 0.34 0.00 | 50.56 0.30 0.00 | 43.33 0.17 0.00 | 41.21 0.37 0.00 | 38.40 0.42 0.00 |
| NEG CENTRAL___INDECK 23768 | 36.69 1.14 0.00 | 36.31 1.50 0.00 | 35.77 1.24 0.00 | 35.45 1.33 0.00 | 35.68 1.70 0.00 | 37.24 1.40 0.00 | 53.38 2.83 0.00 | 73.16 3.01 0.00 | 52.68 2.27 0.00 | 42.02 1.38 0.00 | 34.60 0.81 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.30 0.27 0.00 | 29.99 0.09 0.00 | 31.81 0.10 0.00 | 36.91 -0.34 0.00 | 53.03 0.78 0.00 | 69.66 2.16 0.00 | 70.51 2.12 0.00 | 52.06 1.81 0.00 | 44.54 1.38 0.00 | 41.86 1.02 0.00 | 39.54 1.56 0.00 |
| NEG CENTRAL___SENECA 23627 | 35.88 0.32 0.00 | 35.41 0.59 0.00 | 34.91 0.38 0.00 | 34.57 0.44 0.00 | 34.70 0.71 0.00 | 36.38 0.54 0.00 | 51.71 1.16 0.00 | 71.34 1.19 0.00 | 51.37 0.96 0.00 | 41.08 0.45 0.00 | 34.07 0.27 0.00 | 33.37 0.17 0.00 | 31.15 0.15 0.00 | 30.09 0.06 0.00 | 29.81 -0.09 0.00 | 31.59 -0.13 0.00 | 36.91 -0.34 0.00 | 52.35 0.10 0.00 | 68.37 0.88 0.00 | 69.00 0.62 0.00 | 50.81 0.55 0.00 | 43.50 0.35 0.00 | 41.41 0.57 0.00 | 38.67 0.68 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 35.52 -0.04 0.00 | 34.92 0.10 0.00 | 34.53 0.00 0.00 | 34.12 0.00 0.00 | 34.12 0.14 0.00 | 35.92 0.07 0.00 | 51.01 0.45 0.00 | 70.64 0.49 0.00 | 50.71 0.30 0.00 | 40.63 0.00 0.00 | 33.69 -0.10 0.00 | 33.03 -0.17 0.00 | 30.90 -0.09 0.00 | 29.88 -0.15 0.00 | 29.69 -0.21 0.00 | 31.49 -0.22 0.00 | 36.95 -0.30 0.00 | 52.19 -0.05 0.00 | 67.83 0.34 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 41.05 0.20 0.00 | 38.14 0.15 0.00 |
| NEG MILLWOOD___DRP 24198 | 37.57 1.74 -0.27 | 36.28 1.46 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.57 2.02 0.00 | 73.37 3.23 0.00 | 52.33 1.92 0.00 | 42.42 1.79 0.00 | 36.05 1.72 -0.53 | 35.93 1.63 -1.10 | 33.42 1.70 -0.72 | 32.29 1.71 -0.55 | 32.34 1.88 -0.56 | 33.68 1.97 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.53 3.04 0.00 | 71.60 3.21 0.00 | 52.47 2.21 0.00 | 45.10 1.94 0.00 | 42.56 1.72 0.00 | 39.66 1.67 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 36.09 0.53 0.00 | 35.48 0.66 0.00 | 35.11 0.59 0.00 | 34.67 0.55 0.00 | 34.56 0.58 0.00 | 36.35 0.50 0.00 | 50.80 0.25 0.00 | 70.15 0.00 0.00 | 50.41 0.00 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.88 -0.15 0.00 | 29.66 -0.24 0.00 | 31.52 -0.19 0.00 | 37.24 0.00 0.00 | 52.40 0.16 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 51.06 0.80 0.00 | 44.19 1.04 0.00 | 41.66 0.82 0.00 | 38.71 0.72 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 35.95 0.39 0.00 | 35.27 0.45 0.00 | 34.94 0.41 0.00 | 34.50 0.38 0.00 | 34.39 0.41 0.00 | 36.20 0.36 0.00 | 51.01 0.45 0.00 | 70.50 0.35 0.00 | 50.71 0.30 0.00 | 40.84 0.20 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.72 -0.18 0.00 | 31.59 -0.13 0.00 | 37.24 0.00 0.00 | 52.61 0.37 0.00 | 68.44 0.94 0.00 | 69.41 1.03 0.00 | 51.06 0.80 0.00 | 43.89 0.73 0.00 | 41.41 0.57 0.00 | 38.44 0.46 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 36.30 0.75 0.00 | 35.69 0.87 0.00 | 35.29 0.76 0.00 | 34.84 0.72 0.00 | 34.77 0.78 0.00 | 36.56 0.72 0.00 | 51.36 0.81 0.00 | 70.92 0.77 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.46 0.27 0.00 | 31.02 0.03 0.00 | 30.03 0.00 0.00 | 29.81 -0.09 0.00 | 31.72 0.00 0.00 | 37.47 0.22 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.10 1.71 0.00 | 51.61 1.36 0.00 | 44.45 1.29 0.00 | 41.90 1.06 0.00 | 38.86 0.87 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 36.30 0.75 0.00 | 35.69 0.87 0.00 | 35.29 0.76 0.00 | 34.84 0.72 0.00 | 34.77 0.78 0.00 | 36.56 0.72 0.00 | 51.36 0.81 0.00 | 70.92 0.77 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.46 0.27 0.00 | 31.02 0.03 0.00 | 30.03 0.00 0.00 | 29.81 -0.09 0.00 | 31.72 0.00 0.00 | 37.47 0.22 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.10 1.71 0.00 | 51.61 1.36 0.00 | 44.45 1.29 0.00 | 41.90 1.06 0.00 | 38.86 0.87 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 36.30 0.75 0.00 | 35.69 0.87 0.00 | 35.32 0.79 0.00 | 34.84 0.72 0.00 | 34.77 0.78 0.00 | 36.56 0.72 0.00 | 51.36 0.81 0.00 | 70.85 0.70 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.46 0.26 0.00 | 31.02 0.03 0.00 | 30.03 0.00 0.00 | 29.81 -0.09 0.00 | 31.72 0.00 0.00 | 37.47 0.22 0.00 | 52.92 0.68 0.00 | 69.05 1.55 0.00 | 70.10 1.71 0.00 | 51.61 1.36 0.00 | 44.11 0.95 0.00 | 41.86 1.02 0.00 | 38.86 0.87 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 35.56 0.00 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.10 0.25 0.00 | 51.06 0.51 0.00 | 69.31 -0.84 0.00 | 51.02 0.60 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.56 0.37 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.72 -0.18 0.00 | 31.37 -0.35 0.00 | 35.72 -1.53 0.00 | 50.21 -2.04 0.00 | 65.34 -2.16 0.00 | 65.92 -2.46 0.00 | 49.05 -1.21 0.00 | 42.25 -0.91 0.00 | 41.17 0.33 0.00 | 38.44 0.46 0.00 |
| NEG WEST___LANCASTR 23811 | 35.02 -0.53 0.00 | 35.03 0.21 0.00 | 34.35 -0.17 0.00 | 34.19 0.07 0.00 | 34.43 0.44 0.00 | 35.77 -0.07 0.00 | 51.01 0.45 0.00 | 69.24 -0.91 0.00 | 50.61 0.20 0.00 | 40.92 0.28 0.00 | 33.86 0.07 0.00 | 33.13 -0.07 0.00 | 30.84 -0.15 0.00 | 29.82 -0.21 0.00 | 29.40 -0.51 0.00 | 31.02 -0.70 0.00 | 35.57 -1.68 0.00 | 50.21 -2.04 0.00 | 65.67 -1.82 0.00 | 66.33 -2.05 0.00 | 48.95 -1.31 0.00 | 41.99 -1.17 0.00 | 40.60 -0.25 0.00 | 37.91 -0.08 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 35.98 0.39 -0.03 | 35.34 0.52 0.00 | 34.94 0.42 0.00 | 34.60 0.48 0.00 | 34.60 0.61 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 71.27 1.12 0.00 | 51.27 0.86 0.00 | 41.20 0.57 0.00 | 34.26 0.41 -0.05 | 33.65 0.33 -0.11 | 31.41 0.34 -0.07 | 30.39 0.30 -0.06 | 30.17 0.21 -0.06 | 31.91 0.19 0.00 | 37.32 0.07 0.00 | 52.61 0.37 0.00 | 68.31 0.81 0.00 | 69.07 0.68 0.00 | 50.81 0.55 0.00 | 43.50 0.34 0.00 | 41.13 0.29 0.00 | 38.52 0.53 0.00 |
| NEG___GEN_MONROE 24207 | 35.95 0.39 0.00 | 35.72 0.91 0.00 | 35.15 0.62 0.00 | 34.81 0.68 0.00 | 34.94 0.95 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 70.85 0.70 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.63 0.43 0.00 | 31.33 0.34 0.00 | 30.27 0.24 0.00 | 29.93 0.03 0.00 | 31.65 -0.06 0.00 | 36.57 -0.67 0.00 | 51.77 -0.47 0.00 | 67.23 -0.27 0.00 | 67.98 -0.41 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.62 0.78 0.00 | 38.75 0.76 0.00 |
| NEPA___ENERGY 23901 | 35.70 0.14 0.00 | 35.65 0.84 0.00 | 34.98 0.45 0.00 | 34.81 0.68 0.00 | 35.07 1.09 0.00 | 36.45 0.61 0.00 | 51.97 1.42 0.00 | 70.57 0.42 0.00 | 51.52 1.11 0.00 | 41.65 1.02 0.00 | 34.47 0.68 0.00 | 33.73 0.53 0.00 | 31.39 0.40 0.00 | 30.39 0.36 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.28 -0.97 0.00 | 51.20 -1.04 0.00 | 67.02 -0.47 0.00 | 67.70 -0.68 0.00 | 49.90 -0.35 0.00 | 42.77 -0.39 0.00 | 41.29 0.45 0.00 | 38.59 0.61 0.00 |

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| NEVERSINK___HYD 23608 | 37.76 2.03 -0.18 | 36.56 1.74 0.00 | 36.15 1.62 0.00 | 35.76 1.64 0.00 | 35.52 1.53 0.00 | 37.67 1.83 0.00 | 53.13 2.58 0.00 | 74.00 3.86 0.00 | 52.58 2.17 0.00 | 42.42 1.79 0.00 | 35.74 1.59 -0.35 | 35.43 1.50 -0.73 | 33.08 1.61 -0.48 | 32.02 1.62 -0.37 | 31.95 1.67 -0.37 | 33.46 1.74 0.00 | 39.48 2.23 0.00 | 55.33 3.08 0.00 | 71.41 3.91 0.00 | 72.42 4.03 0.00 | 53.02 2.76 0.00 | 45.49 2.33 0.00 | 43.17 2.33 0.00 | 40.00 2.01 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 35.67 0.21 0.10 | 34.92 0.10 0.00 | 34.70 0.17 0.00 | 34.23 0.10 0.00 | 33.99 0.00 0.00 | 35.99 0.14 0.00 | 50.40 -0.15 0.00 | 70.29 0.14 0.00 | 50.31 -0.10 0.00 | 40.63 0.00 0.00 | 33.77 0.17 0.20 | 32.92 0.13 0.41 | 30.88 0.15 0.27 | 30.07 0.24 0.20 | 30.00 0.30 0.21 | 32.06 0.35 0.00 | 37.62 0.37 0.00 | 52.51 0.26 0.00 | 67.77 0.27 0.00 | 68.73 0.34 0.00 | 50.41 0.15 0.00 | 43.33 0.17 0.00 | 40.84 0.00 0.00 | 37.99 0.00 0.00 |
| NEWTON___FALLS_HYD 23847 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.53 0.68 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.33 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.37 1.21 0.00 | 41.82 0.98 0.00 | 38.71 0.72 0.00 |
| NGRID_A1_DSASP 323792 | 35.59 0.04 0.00 | 35.48 0.66 0.00 | 34.97 0.45 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.17 0.32 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.12 0.49 0.00 | 34.20 0.41 0.00 | 33.43 0.23 0.00 | 30.90 -0.09 0.00 | 29.85 -0.18 0.00 | 29.60 -0.30 0.00 | 31.24 -0.47 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.56 -1.60 0.00 | 39.29 -1.55 0.00 | 38.22 0.23 0.00 |
| NGRID_A2_DSASP 323793 | 35.59 0.04 0.00 | 35.48 0.66 0.00 | 34.97 0.45 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.17 0.32 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.12 0.49 0.00 | 34.20 0.41 0.00 | 33.43 0.23 0.00 | 30.90 -0.09 0.00 | 29.85 -0.18 0.00 | 29.60 -0.30 0.00 | 31.24 -0.47 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.56 -1.60 0.00 | 39.29 -1.55 0.00 | 38.22 0.23 0.00 |
| NGRID_A4_DSASP 323807 | 35.59 0.04 0.00 | 35.48 0.66 0.00 | 34.97 0.45 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.17 0.32 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.12 0.49 0.00 | 34.20 0.41 0.00 | 33.43 0.23 0.00 | 30.90 -0.09 0.00 | 29.85 -0.18 0.00 | 29.60 -0.30 0.00 | 31.24 -0.47 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.56 -1.60 0.00 | 39.29 -1.55 0.00 | 38.22 0.23 0.00 |
| NIAGARA_115E_LBMP 323715 | 35.09 -0.46 0.00 | 35.03 0.21 0.00 | 34.53 0.00 0.00 | 34.36 0.24 0.00 | 34.67 0.68 0.00 | 35.67 -0.18 0.00 | 50.30 -0.25 0.00 | 68.11 -2.04 0.00 | 50.21 -0.20 0.00 | 40.92 0.29 0.00 | 34.03 0.24 0.00 | 33.27 0.07 0.00 | 30.71 -0.28 0.00 | 29.70 -0.33 0.00 | 29.42 -0.48 0.00 | 31.05 -0.67 0.00 | 35.20 -2.05 0.00 | 49.37 -2.87 0.00 | 64.26 -3.24 0.00 | 64.76 -3.63 0.00 | 48.24 -2.01 0.00 | 41.43 -1.73 0.00 | 39.13 -1.71 0.00 | 37.61 -0.38 0.00 |
| NIAGARA_115W_LBMP 323714 | 35.56 0.00 0.00 | 35.44 0.63 0.00 | 34.94 0.42 0.00 | 34.77 0.65 0.00 | 35.04 1.05 0.00 | 36.13 0.29 0.00 | 50.35 -0.20 0.00 | 68.18 -1.96 0.00 | 50.31 -0.10 0.00 | 41.04 0.41 0.00 | 34.13 0.34 0.00 | 33.37 0.17 0.00 | 30.84 -0.15 0.00 | 29.79 -0.24 0.00 | 29.55 -0.36 0.00 | 31.18 -0.54 0.00 | 35.31 -1.94 0.00 | 49.47 -2.77 0.00 | 64.26 -3.24 0.00 | 64.83 -3.56 0.00 | 48.29 -1.96 0.00 | 41.47 -1.68 0.00 | 39.21 -1.63 0.00 | 38.18 0.19 0.00 |
| NIAGARA_230_LBMP 323716 | 35.38 -0.18 0.00 | 35.24 0.42 0.00 | 34.73 0.21 0.00 | 34.57 0.44 0.00 | 34.84 0.85 0.00 | 36.02 0.18 0.00 | 50.70 0.15 0.00 | 68.74 -1.40 0.00 | 50.67 0.25 0.00 | 41.25 0.61 0.00 | 34.33 0.54 0.00 | 33.57 0.37 0.00 | 31.02 0.03 0.00 | 29.97 -0.06 0.00 | 29.73 -0.18 0.00 | 31.40 -0.32 0.00 | 35.61 -1.64 0.00 | 49.89 -2.35 0.00 | 64.86 -2.63 0.00 | 65.38 -3.01 0.00 | 48.70 -1.56 0.00 | 41.77 -1.38 0.00 | 39.50 -1.35 0.00 | 37.99 0.00 0.00 |
| NIAGARA___115KV_198_GIBSON 55903 | 35.56 0.00 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.77 0.65 0.00 | 35.04 1.05 0.00 | 36.06 0.22 0.00 | 50.30 -0.25 0.00 | 68.18 -1.96 0.00 | 50.36 -0.05 0.00 | 41.00 0.37 0.00 | 34.07 0.27 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.85 -0.18 0.00 | 29.46 -0.45 0.00 | 31.11 -0.60 0.00 | 35.31 -1.94 0.00 | 49.48 -2.77 0.00 | 64.26 -3.24 0.00 | 64.83 -3.56 0.00 | 48.29 -1.96 0.00 | 41.60 -1.55 0.00 | 40.64 -0.20 0.00 | 38.48 0.49 0.00 |
| NIAGARA____ 23760 | 35.38 -0.18 0.00 | 35.24 0.42 0.00 | 34.73 0.21 0.00 | 34.57 0.44 0.00 | 34.84 0.85 0.00 | 36.02 0.18 0.00 | 50.70 0.15 0.00 | 68.74 -1.40 0.00 | 50.67 0.25 0.00 | 41.25 0.61 0.00 | 34.33 0.54 0.00 | 33.57 0.37 0.00 | 31.02 0.03 0.00 | 29.97 -0.06 0.00 | 29.73 -0.18 0.00 | 31.40 -0.32 0.00 | 35.61 -1.64 0.00 | 49.89 -2.35 0.00 | 64.86 -2.63 0.00 | 65.38 -3.01 0.00 | 48.70 -1.56 0.00 | 41.77 -1.38 0.00 | 39.50 -1.35 0.00 | 37.99 0.00 0.00 |
| NINE_MILE_1 23575 | 34.56 -1.00 0.00 | 33.88 -0.94 0.00 | 33.56 -0.97 0.00 | 33.20 -0.92 0.00 | 33.10 -0.88 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.10 -1.31 0.00 | 39.54 -1.10 0.00 | 32.85 -0.95 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.07 -0.84 0.00 | 30.83 -0.89 0.00 | 36.13 -1.12 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 36.96 -1.02 0.00 |
| NINE_MILE_2 23744 | 34.56 -1.00 0.00 | 33.88 -0.94 0.00 | 33.60 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.10 -1.31 0.00 | 39.54 -1.10 0.00 | 32.85 -0.95 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 36.96 -1.02 0.00 |
| NM_CAPITAL___DRP 24208 | 35.77 0.32 0.11 | 35.03 0.21 0.00 | 34.80 0.28 0.00 | 34.29 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.76 0.12 0.00 | 33.85 0.27 0.22 | 33.02 0.27 0.45 | 30.97 0.28 0.30 | 30.17 0.36 0.23 | 30.10 0.42 0.23 | 32.19 0.48 0.00 | 37.80 0.56 0.00 | 52.72 0.47 0.00 | 67.97 0.47 0.00 | 68.93 0.55 0.00 | 50.61 0.35 0.00 | 43.46 0.30 0.00 | 41.01 0.16 0.00 | 38.14 0.15 0.00 |
| NM_CENTRAL___DRP 24181 | 35.20 -0.36 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.82 -0.31 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.30 -0.25 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.27 -0.37 0.00 | 33.46 -0.34 0.00 | 32.83 -0.37 0.00 | 30.71 -0.28 0.00 | 29.73 -0.30 0.00 | 29.55 -0.36 0.00 | 31.33 -0.38 0.00 | 36.76 -0.48 0.00 | 51.67 -0.57 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.75 -0.50 0.00 | 42.73 -0.43 0.00 | 40.56 -0.29 0.00 | 37.72 -0.27 0.00 |

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| NM_FRONTIER___DRP 24179 | 35.56 0.00 0.00 | 35.62 0.80 0.00 | 34.98 0.45 0.00 | 34.77 0.65 0.00 | 35.04 1.05 0.00 | 36.06 0.22 0.00 | 50.30 -0.25 0.00 | 68.18 -1.96 0.00 | 50.36 -0.05 0.00 | 41.00 0.37 0.00 | 34.07 0.27 0.00 | 33.27 0.07 0.00 | 30.84 -0.15 0.00 | 29.85 -0.18 0.00 | 29.46 -0.45 0.00 | 31.11 -0.60 0.00 | 35.31 -1.94 0.00 | 49.48 -2.77 0.00 | 64.26 -3.24 0.00 | 64.83 -3.56 0.00 | 48.29 -1.96 0.00 | 41.60 -1.55 0.00 | 40.64 -0.20 0.00 | 38.48 0.49 0.00 |
| NM_ST_REGIS___HYD 24053 | 36.37 0.82 0.00 | 35.69 0.87 0.00 | 35.36 0.83 0.00 | 34.87 0.75 0.00 | 34.80 0.82 0.00 | 36.71 0.86 0.00 | 51.76 1.21 0.00 | 71.62 1.47 0.00 | 51.32 0.91 0.00 | 41.24 0.61 0.00 | 34.20 0.41 0.00 | 33.66 0.46 0.00 | 31.21 0.22 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.84 0.13 0.00 | 37.58 0.34 0.00 | 53.24 0.99 0.00 | 68.98 1.48 0.00 | 70.03 1.64 0.00 | 51.81 1.56 0.00 | 44.54 1.38 0.00 | 41.94 1.10 0.00 | 38.86 0.87 0.00 |
| NORTHPORT___1 23551 | 38.00 2.17 -0.27 | 36.59 1.77 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.24 1.26 0.00 | 37.53 1.69 0.00 | 49.98 -0.55 0.02 | 66.58 -0.28 3.29 | 48.58 -0.55 1.28 | 41.77 1.14 0.00 | 36.18 1.86 -0.53 | 36.40 2.09 -1.11 | 33.64 1.92 -0.73 | 32.66 2.07 -0.56 | 32.68 2.21 -0.57 | 34.04 2.31 -0.01 | 39.97 2.72 -0.01 | 52.92 0.68 0.00 | 64.15 -0.07 3.28 | 65.76 0.07 2.69 | 49.06 -0.20 1.00 | 44.24 1.08 0.00 | 42.72 1.88 0.00 | 39.96 1.97 0.00 |
| NORTHPORT___2 23552 | 38.00 2.17 -0.27 | 36.59 1.77 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.24 1.26 0.00 | 37.53 1.69 0.00 | 49.98 -0.55 0.02 | 66.58 -0.28 3.29 | 48.58 -0.55 1.28 | 41.77 1.14 0.00 | 36.18 1.86 -0.53 | 36.40 2.09 -1.11 | 33.64 1.92 -0.73 | 32.66 2.07 -0.56 | 32.68 2.21 -0.57 | 34.04 2.31 -0.01 | 39.97 2.72 -0.01 | 52.92 0.68 0.00 | 64.15 -0.07 3.28 | 65.76 0.07 2.69 | 49.06 -0.20 1.00 | 44.24 1.08 0.00 | 42.72 1.88 0.00 | 39.96 1.97 0.00 |
| NORTHPORT___3 23553 | 38.03 2.21 -0.27 | 36.63 1.81 0.00 | 36.04 1.52 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.57 1.72 0.00 | 49.75 -0.71 0.09 | 44.36 -0.42 25.37 | 44.36 -0.66 5.40 | 41.85 1.22 0.00 | 36.28 1.96 -0.53 | 36.50 2.19 -1.11 | 33.76 2.04 -0.73 | 32.75 2.16 -0.56 | 32.77 2.30 -0.57 | 34.11 2.38 -0.01 | 39.75 2.50 -0.01 | 52.76 0.52 0.01 | 42.11 -0.07 25.32 | 47.69 0.07 20.77 | 42.38 -0.25 7.63 | 44.10 0.95 0.01 | 42.80 1.96 0.00 | 40.07 2.09 0.00 |
| NORTHPORT___4 23650 | 38.03 2.21 -0.27 | 36.63 1.81 0.00 | 36.04 1.52 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.57 1.72 0.00 | 49.75 -0.71 0.09 | 44.36 -0.42 25.37 | 44.36 -0.66 5.40 | 41.85 1.22 0.00 | 36.28 1.96 -0.53 | 36.50 2.19 -1.11 | 33.76 2.04 -0.73 | 32.75 2.16 -0.56 | 32.77 2.30 -0.57 | 34.11 2.38 -0.01 | 39.75 2.50 -0.01 | 52.76 0.52 0.01 | 42.11 -0.07 25.32 | 47.69 0.07 20.77 | 42.38 -0.25 7.63 | 44.10 0.95 0.01 | 42.80 1.96 0.00 | 40.07 2.09 0.00 |
| NORTHPORT___IC 23718 | 38.00 2.17 -0.27 | 36.52 1.71 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.24 1.26 0.00 | 37.49 1.65 0.00 | 50.13 -0.40 0.02 | 66.58 -0.28 3.29 | 48.52 -0.60 1.28 | 41.94 1.30 0.00 | 36.42 2.10 -0.53 | 36.54 2.22 -1.11 | 33.92 2.20 -0.73 | 32.84 2.25 -0.56 | 32.77 2.30 -0.57 | 34.17 2.44 -0.01 | 39.93 2.68 -0.01 | 52.92 0.68 0.00 | 64.15 -0.07 3.28 | 65.76 0.07 2.69 | 49.06 -0.20 1.00 | 43.33 0.17 0.00 | 41.21 0.37 0.00 | 39.51 1.52 0.00 |
| NORTH___COUNTRY_ESR 323785 | 35.84 0.28 0.00 | 35.16 0.35 0.00 | 34.87 0.35 0.00 | 34.43 0.31 0.00 | 34.29 0.31 0.00 | 36.13 0.29 0.00 | 50.86 0.31 0.00 | 70.36 0.21 0.00 | 50.61 0.20 0.00 | 40.80 0.16 0.00 | 33.83 0.03 0.00 | 33.27 0.07 0.00 | 30.87 -0.12 0.00 | 29.91 -0.12 0.00 | 29.73 -0.18 0.00 | 31.56 -0.16 0.00 | 37.21 -0.04 0.00 | 52.45 0.21 0.00 | 68.17 0.67 0.00 | 69.14 0.75 0.00 | 50.91 0.65 0.00 | 43.59 0.43 0.00 | 41.29 0.45 0.00 | 38.37 0.38 0.00 |
| NPX_GEN_1385_PROXY 323591 | 35.20 1.53 1.88 | 34.98 1.11 0.95 | 30.35 0.83 5.00 | 29.33 0.79 5.58 | 30.98 0.58 3.58 | 35.70 1.00 1.15 | 49.42 -1.11 0.02 | 66.09 -0.77 3.29 | 37.63 -1.51 11.27 | 33.10 0.36 7.90 | 30.19 1.21 4.82 | 30.94 1.46 3.72 | 31.50 1.36 0.85 | 32.00 1.53 -0.44 | 32.00 1.67 -0.42 | 33.47 1.74 -0.01 | 39.86 2.61 -0.01 | 52.14 -0.10 0.00 | 63.00 -1.21 3.28 | 60.40 -1.23 6.76 | 42.92 -1.11 6.23 | 36.27 0.30 7.19 | 31.00 1.14 10.98 | 29.00 1.25 10.24 |
| NPX_GEN_CSC 323557 | 37.82 1.99 -0.27 | 36.38 1.57 0.00 | 35.77 1.24 0.00 | 35.32 1.19 0.00 | 34.97 0.99 0.00 | 37.35 1.51 0.00 | 49.77 -0.76 0.02 | 64.99 -0.77 4.39 | 48.08 -0.86 1.48 | 41.25 0.61 0.00 | 35.74 1.42 -0.53 | 36.00 1.69 -1.11 | 33.24 1.52 -0.73 | 32.30 1.71 -0.56 | 32.33 1.85 -0.57 | 33.69 1.97 -0.01 | 39.64 2.39 -0.01 | 52.77 0.52 0.00 | 62.72 -0.40 4.38 | 64.59 -0.20 3.59 | 48.63 -0.30 1.33 | 44.19 1.03 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 36.41 0.96 0.11 | 35.69 0.87 0.00 | 35.42 0.90 0.00 | 35.08 0.96 0.00 | 34.90 0.92 0.00 | 36.92 1.08 0.00 | 52.17 1.62 0.00 | 72.53 2.38 0.00 | 51.62 1.21 0.00 | 41.12 0.49 0.00 | 33.92 0.34 0.21 | 32.96 0.20 0.44 | 30.83 0.12 0.29 | 29.93 0.12 0.22 | 29.86 0.18 0.22 | 32.06 0.35 0.00 | 37.80 0.56 0.00 | 53.39 1.15 0.00 | 69.39 1.89 0.00 | 70.57 2.19 0.00 | 51.81 1.56 0.00 | 44.41 1.25 0.00 | 41.82 0.98 0.00 | 38.82 0.84 0.00 |
| NUCOR_STEEL___DRP 24197 | 35.59 0.04 0.00 | 34.96 0.14 0.00 | 34.56 0.03 0.00 | 34.19 0.07 0.00 | 34.16 0.17 0.00 | 35.95 0.11 0.00 | 51.01 0.45 0.00 | 70.64 0.49 0.00 | 50.77 0.35 0.00 | 40.68 0.04 0.00 | 33.69 -0.10 0.00 | 33.07 -0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.72 -0.18 0.00 | 31.49 -0.22 0.00 | 36.98 -0.26 0.00 | 52.24 0.00 0.00 | 67.83 0.34 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 41.09 0.25 0.00 | 38.18 0.19 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 36.05 0.50 0.00 | 35.24 0.42 0.00 | 34.97 0.45 0.00 | 34.47 0.34 0.00 | 34.43 0.44 0.00 | 36.38 0.54 0.00 | 51.66 1.11 0.00 | 71.97 1.82 0.00 | 51.07 0.65 0.00 | 40.76 0.12 0.00 | 33.73 -0.07 0.00 | 33.07 -0.13 0.00 | 30.87 -0.12 0.00 | 29.73 -0.30 0.00 | 29.63 -0.27 0.00 | 31.37 -0.35 0.00 | 37.06 -0.19 0.00 | 52.87 0.63 0.00 | 68.92 1.42 0.00 | 69.96 1.57 0.00 | 51.46 1.20 0.00 | 44.19 1.03 0.00 | 41.66 0.82 0.00 | 38.59 0.61 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 35.56 0.00 0.00 | 34.82 0.00 0.00 | 34.53 0.00 0.00 | 34.12 0.00 0.00 | 33.99 0.00 0.00 | 35.84 0.00 0.00 | 50.55 0.00 0.00 | 70.15 0.00 0.00 | 50.41 0.00 0.00 | 40.63 0.00 0.00 | 33.79 0.00 0.00 | 33.20 0.00 0.00 | 30.99 0.00 0.00 | 30.03 0.00 0.00 | 29.90 0.00 0.00 | 31.72 0.00 0.00 | 37.24 0.00 0.00 | 52.24 0.00 0.00 | 67.50 0.00 0.00 | 68.39 0.00 0.00 | 50.25 0.00 0.00 | 43.16 0.00 0.00 | 40.84 0.00 0.00 | 37.99 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 38.39 2.56 -0.27 | 36.94 2.12 0.00 | 36.36 1.83 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.92 2.08 0.00 | 50.88 0.36 0.03 | 65.22 0.91 5.83 | 48.23 -0.45 1.72 | 42.10 1.46 0.00 | 36.42 2.10 -0.53 | 36.67 2.36 -1.11 | 33.85 2.14 -0.73 | 32.87 2.28 -0.56 | 32.92 2.45 -0.57 | 34.33 2.60 -0.01 | 40.34 3.09 -0.01 | 53.76 1.52 0.00 | 62.82 1.15 5.82 | 64.98 1.37 4.78 | 49.20 0.70 1.76 | 44.84 1.68 0.00 | 43.25 2.41 0.00 | 40.38 2.39 0.00 |

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| NYPA_GOWANUS____GT5 24156 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NYPA_GOWANUS____GT6 24157 | 38.04 2.21 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.27 1.72 0.00 | 73.09 2.95 0.00 | 52.22 1.81 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.70 2.39 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.92 2.45 -0.56 | 34.29 2.57 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.31 2.16 0.00 | 43.33 2.49 0.00 | 40.20 2.20 -0.01 |
| NYPA_HARLEM__RVR__GT1 24160 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.54 2.23 -0.52 | 36.51 2.22 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.74 2.51 0.01 | 70.19 2.70 0.01 | 71.12 2.74 0.01 | 52.05 1.81 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.75 2.11 0.00 | 36.54 2.23 -0.52 | 36.51 2.22 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.74 2.51 0.01 | 70.19 2.70 0.01 | 71.12 2.74 0.01 | 52.05 1.81 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| NYPA_KENT____GT 24152 | 37.97 2.13 -0.28 | 36.67 1.84 -0.01 | 36.19 1.66 -0.01 | 35.77 1.64 -0.01 | 35.56 1.56 -0.01 | 37.79 1.93 -0.01 | 52.32 1.77 0.00 | 73.23 3.08 0.00 | 52.28 1.87 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.36 2.20 0.00 | 43.33 2.49 0.00 | 40.16 2.16 -0.01 |
| NYPA_POUCH1____GT 24155 | 38.00 2.17 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.84 1.71 -0.01 | 35.62 1.63 -0.01 | 37.82 1.97 -0.01 | 52.07 1.52 0.00 | 72.81 2.66 0.00 | 51.92 1.51 0.00 | 42.79 2.15 0.00 | 36.63 2.30 -0.54 | 36.59 2.29 -1.11 | 33.98 2.26 -0.73 | 32.87 2.28 -0.56 | 32.83 2.36 -0.56 | 34.23 2.50 -0.01 | 40.23 2.98 -0.01 | 54.86 2.61 0.00 | 70.33 2.83 0.00 | 71.32 2.94 0.00 | 52.21 1.96 0.00 | 45.19 2.03 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| NYPA_VERNON____GT2 24162 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.53 1.53 -0.01 | 37.75 1.90 -0.01 | 52.42 1.87 0.00 | 73.31 3.16 0.00 | 52.38 1.96 0.00 | 42.99 2.36 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.33 2.60 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.67 3.17 0.00 | 71.60 3.21 0.00 | 52.41 2.16 0.00 | 45.36 2.20 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| NYPA_VERNON____GT3 24163 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.53 1.53 -0.01 | 37.75 1.90 -0.01 | 52.42 1.87 0.00 | 73.31 3.16 0.00 | 52.38 1.96 0.00 | 42.99 2.36 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.33 2.60 -0.01 | 40.34 3.09 -0.01 | 55.06 2.82 0.00 | 70.67 3.17 0.00 | 71.60 3.21 0.00 | 52.41 2.16 0.00 | 45.36 2.20 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| NYPA____ASTORIA_CC1 323568 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.28 1.87 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.46 2.97 0.00 | 71.47 3.08 0.00 | 52.32 2.06 0.00 | 45.31 2.16 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| NYPA____ASTORIA_CC2 323569 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.28 1.87 0.00 | 42.95 2.31 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 54.96 2.72 0.00 | 70.46 2.97 0.00 | 71.47 3.08 0.00 | 52.32 2.06 0.00 | 45.31 2.16 0.00 | 43.29 2.45 0.00 | 40.16 2.16 -0.01 |
| NYPA____HOLTSVILL 23794 | 38.11 2.28 -0.27 | 36.66 1.84 0.00 | 36.08 1.56 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.18 -0.35 0.02 | 65.79 -0.21 4.15 | 48.52 -0.45 1.44 | 41.65 1.02 0.00 | 36.08 1.76 -0.53 | 36.30 1.99 -1.11 | 33.55 1.83 -0.73 | 32.57 1.98 -0.56 | 32.59 2.12 -0.57 | 33.95 2.22 -0.01 | 39.90 2.64 -0.01 | 53.08 0.83 0.00 | 63.36 0.00 4.14 | 65.19 0.21 3.40 | 49.00 0.00 1.25 | 44.45 1.29 0.00 | 42.96 2.12 0.00 | 40.11 2.13 0.00 |
| NYPA____HELLGATE_GT1 24158 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.01 0.00 | 52.13 1.71 0.00 | 42.79 2.15 0.00 | 36.54 2.23 -0.52 | 36.51 2.22 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.80 2.56 0.01 | 70.26 2.77 0.01 | 71.25 2.87 0.01 | 52.16 1.91 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| NYPA____HELLGATE_GT2 24159 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.01 0.00 | 52.13 1.71 0.00 | 42.79 2.15 0.00 | 36.54 2.23 -0.52 | 36.51 2.22 -1.09 | 33.97 2.26 -0.71 | 32.88 2.31 -0.54 | 32.84 2.39 -0.55 | 34.18 2.48 0.01 | 40.18 2.94 0.01 | 54.80 2.56 0.01 | 70.26 2.77 0.01 | 71.25 2.87 0.01 | 52.16 1.91 0.01 | 45.23 2.07 0.00 | 43.37 2.53 0.00 | 40.04 2.05 -0.01 |
| NYS_BARGE____HYD 23848 | 35.52 -0.04 0.00 | 35.44 0.63 0.00 | 34.94 0.42 0.00 | 34.74 0.61 0.00 | 35.04 1.05 0.00 | 36.17 0.32 0.00 | 51.11 0.56 0.00 | 69.31 -0.84 0.00 | 51.02 0.61 0.00 | 41.49 0.85 0.00 | 34.44 0.64 0.00 | 33.66 0.46 0.00 | 31.12 0.12 0.00 | 30.06 0.03 0.00 | 29.78 -0.12 0.00 | 31.43 -0.29 0.00 | 35.68 -1.56 0.00 | 50.21 -2.04 0.00 | 65.33 -2.16 0.00 | 65.93 -2.46 0.00 | 49.05 -1.21 0.00 | 42.08 -1.08 0.00 | 39.74 -1.10 0.00 | 38.14 0.15 0.00 |
| OAK ORCHARD____HYD 24046 | 35.70 0.14 0.00 | 35.27 0.45 0.00 | 34.80 0.27 0.00 | 34.47 0.34 0.00 | 34.60 0.61 0.00 | 36.13 0.29 0.00 | 51.31 0.76 0.00 | 70.57 0.42 0.00 | 51.22 0.80 0.00 | 41.37 0.73 0.00 | 34.27 0.47 0.00 | 33.57 0.37 0.00 | 31.24 0.25 0.00 | 30.15 0.12 0.00 | 29.93 0.03 0.00 | 31.68 -0.03 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 67.23 -0.27 0.00 | 67.98 -0.41 0.00 | 50.25 0.00 0.00 | 43.07 -0.09 0.00 | 40.64 -0.20 0.00 | 38.29 0.30 0.00 |

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| OAKDALE___35_KV_LOAD 356122 | 35.80 0.21 -0.03 | 35.20 0.38 0.00 | 34.80 0.28 0.00 | 34.47 0.34 0.00 | 34.43 0.44 0.00 | 36.20 0.36 0.00 | 51.36 0.81 0.00 | 70.85 0.70 0.00 | 50.97 0.55 0.00 | 41.00 0.37 0.00 | 34.09 0.24 -0.05 | 33.51 0.20 -0.11 | 31.28 0.22 -0.07 | 30.27 0.18 -0.06 | 30.05 0.09 -0.06 | 31.78 0.06 0.00 | 37.17 -0.07 0.00 | 52.35 0.10 0.00 | 67.97 0.47 0.00 | 68.73 0.34 0.00 | 50.51 0.25 0.00 | 43.33 0.17 0.00 | 41.17 0.33 0.00 | 38.37 0.38 0.00 |
| OCC_CHEM___DRP 24175 | 35.59 0.04 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.10 0.25 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.08 0.45 0.00 | 34.13 0.34 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.52 -0.39 0.00 | 31.18 -0.54 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.72 -0.12 0.00 | 38.52 0.53 0.00 |
| OH_GEN_PROXY 24063 | 35.34 -0.21 0.00 | 35.20 0.38 0.00 | 34.70 0.17 0.00 | 34.50 0.38 0.00 | 34.80 0.81 0.00 | 35.99 0.14 0.00 | 50.70 0.15 0.00 | 68.81 -1.33 0.00 | 50.67 0.25 0.00 | 41.25 0.61 0.00 | 34.30 0.51 0.00 | 33.57 0.37 0.00 | 31.02 0.03 0.00 | 30.00 -0.03 0.00 | 29.73 -0.18 0.00 | 31.40 -0.32 0.00 | 35.64 -1.60 0.00 | 50.00 -2.24 0.00 | 65.00 -2.50 0.00 | 65.52 -2.87 0.00 | 48.75 -1.51 0.00 | 41.82 -1.34 0.00 | 39.50 -1.35 0.00 | 37.95 -0.04 0.00 |
| OLIN_CORP_DRP 24177 | 35.17 -0.39 0.00 | 35.27 0.45 0.00 | 34.63 0.10 0.00 | 34.43 0.31 0.00 | 34.70 0.71 0.00 | 35.67 -0.18 0.00 | 50.35 -0.20 0.00 | 68.25 -1.89 0.00 | 50.36 -0.05 0.00 | 40.96 0.33 0.00 | 34.03 0.24 0.00 | 33.23 0.03 0.00 | 30.81 -0.19 0.00 | 29.79 -0.24 0.00 | 29.43 -0.48 0.00 | 31.05 -0.67 0.00 | 35.27 -1.97 0.00 | 49.53 -2.72 0.00 | 64.39 -3.10 0.00 | 64.90 -3.49 0.00 | 48.35 -1.91 0.00 | 41.65 -1.51 0.00 | 40.64 -0.20 0.00 | 37.99 0.00 0.00 |
| OLIN_CORP_DSASP 323712 | 35.59 0.04 0.00 | 35.48 0.66 0.00 | 34.97 0.45 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.17 0.32 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.12 0.49 0.00 | 34.20 0.41 0.00 | 33.43 0.23 0.00 | 30.90 -0.09 0.00 | 29.85 -0.18 0.00 | 29.60 -0.30 0.00 | 31.24 -0.47 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.56 -1.60 0.00 | 39.29 -1.55 0.00 | 38.22 0.23 0.00 |
| ONEIDA_HERK_LFGE 323681 | 36.12 0.57 0.00 | 35.30 0.49 0.00 | 35.08 0.55 0.00 | 34.60 0.48 0.00 | 34.53 0.54 0.00 | 36.49 0.65 0.00 | 51.76 1.21 0.00 | 72.04 1.89 0.00 | 51.32 0.91 0.00 | 41.04 0.41 0.00 | 34.03 0.24 0.00 | 33.37 0.17 0.00 | 31.18 0.19 0.00 | 30.06 0.03 0.00 | 29.96 0.06 0.00 | 31.75 0.03 0.00 | 37.43 0.19 0.00 | 53.13 0.89 0.00 | 69.11 1.62 0.00 | 70.02 1.64 0.00 | 51.46 1.20 0.00 | 44.15 0.99 0.00 | 41.66 0.82 0.00 | 38.67 0.68 0.00 |
| ONEIDA___115KV_TB4 55905 | 36.27 0.71 0.00 | 35.48 0.66 0.00 | 35.22 0.69 0.00 | 34.77 0.65 0.00 | 34.70 0.71 0.00 | 36.74 0.90 0.00 | 52.07 1.52 0.00 | 72.32 2.17 0.00 | 51.62 1.21 0.00 | 41.28 0.65 0.00 | 34.23 0.44 0.00 | 33.53 0.33 0.00 | 31.36 0.37 0.00 | 30.27 0.24 0.00 | 30.14 0.24 0.00 | 31.94 0.22 0.00 | 37.62 0.37 0.00 | 53.39 1.15 0.00 | 69.39 1.89 0.00 | 70.30 1.91 0.00 | 51.61 1.36 0.00 | 44.24 1.08 0.00 | 41.86 1.02 0.00 | 38.82 0.84 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 35.31 -0.25 0.00 | 34.64 -0.17 0.00 | 34.28 -0.24 0.00 | 33.92 -0.20 0.00 | 33.85 -0.14 0.00 | 35.67 -0.18 0.00 | 50.50 -0.05 0.00 | 70.01 -0.14 0.00 | 50.26 -0.15 0.00 | 40.39 -0.24 0.00 | 33.52 -0.27 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.40 -0.32 0.00 | 36.87 -0.37 0.00 | 51.88 -0.37 0.00 | 67.23 -0.27 0.00 | 68.04 -0.34 0.00 | 50.00 -0.25 0.00 | 42.94 -0.22 0.00 | 40.72 -0.12 0.00 | 37.87 -0.11 0.00 |
| ONONDAGA___COGEN 23986 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| ONTARIO___LFGE 23819 | 35.88 0.32 0.00 | 35.37 0.56 0.00 | 34.91 0.38 0.00 | 34.57 0.44 0.00 | 34.70 0.71 0.00 | 36.38 0.54 0.00 | 51.76 1.21 0.00 | 71.34 1.19 0.00 | 51.37 0.96 0.00 | 41.08 0.45 0.00 | 34.10 0.30 0.00 | 33.40 0.20 0.00 | 31.15 0.16 0.00 | 30.09 0.06 0.00 | 29.84 -0.06 0.00 | 31.62 -0.09 0.00 | 36.91 -0.34 0.00 | 52.35 0.10 0.00 | 68.37 0.88 0.00 | 69.00 0.61 0.00 | 50.81 0.55 0.00 | 43.46 0.30 0.00 | 40.96 0.12 0.00 | 38.59 0.61 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 35.52 -0.04 0.00 | 35.27 0.45 0.00 | 34.77 0.24 0.00 | 34.57 0.44 0.00 | 34.84 0.85 0.00 | 36.17 0.32 0.00 | 51.36 0.81 0.00 | 69.87 -0.28 0.00 | 50.97 0.56 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.27 0.07 0.00 | 30.87 -0.12 0.00 | 29.82 -0.21 0.00 | 29.51 -0.39 0.00 | 31.15 -0.57 0.00 | 35.68 -1.56 0.00 | 50.68 -1.57 0.00 | 66.49 -1.01 0.00 | 67.08 -1.30 0.00 | 49.65 -0.60 0.00 | 42.51 -0.65 0.00 | 40.11 -0.73 0.00 | 38.29 0.30 0.00 |
| ORANGEVILLE___ESR 323794 | 35.52 -0.04 0.00 | 35.27 0.45 0.00 | 34.77 0.24 0.00 | 34.57 0.44 0.00 | 34.84 0.85 0.00 | 36.17 0.32 0.00 | 51.36 0.81 0.00 | 69.87 -0.28 0.00 | 50.97 0.56 0.00 | 41.08 0.45 0.00 | 34.03 0.24 0.00 | 33.27 0.07 0.00 | 30.87 -0.12 0.00 | 29.82 -0.21 0.00 | 29.51 -0.39 0.00 | 31.15 -0.57 0.00 | 35.68 -1.56 0.00 | 50.68 -1.57 0.00 | 66.49 -1.01 0.00 | 67.08 -1.30 0.00 | 49.65 -0.60 0.00 | 42.51 -0.65 0.00 | 40.11 -0.73 0.00 | 38.29 0.30 0.00 |
| OSWEGATCHIE___HYD 24044 | 36.20 0.64 0.00 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.64 0.51 0.00 | 34.60 0.61 0.00 | 36.45 0.61 0.00 | 51.66 1.11 0.00 | 71.76 1.61 0.00 | 51.12 0.71 0.00 | 40.96 0.32 0.00 | 33.93 0.14 0.00 | 33.33 0.13 0.00 | 30.99 0.00 0.00 | 29.91 -0.12 0.00 | 29.78 -0.12 0.00 | 31.49 -0.22 0.00 | 37.17 -0.07 0.00 | 52.92 0.68 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.61 1.36 0.00 | 44.32 1.17 0.00 | 41.78 0.94 0.00 | 38.71 0.72 0.00 |
| OSWEGO___5 23606 | 34.81 -0.75 0.00 | 34.15 -0.66 0.00 | 33.84 -0.69 0.00 | 33.44 -0.68 0.00 | 33.37 -0.61 0.00 | 35.13 -0.72 0.00 | 49.69 -0.86 0.00 | 68.89 -1.26 0.00 | 49.51 -0.91 0.00 | 39.86 -0.77 0.00 | 33.12 -0.68 0.00 | 32.50 -0.70 0.00 | 30.37 -0.62 0.00 | 29.40 -0.63 0.00 | 29.27 -0.63 0.00 | 31.05 -0.67 0.00 | 36.39 -0.86 0.00 | 51.10 -1.15 0.00 | 66.08 -1.42 0.00 | 66.88 -1.50 0.00 | 49.20 -1.06 0.00 | 42.25 -0.91 0.00 | 39.94 -0.90 0.00 | 37.26 -0.72 0.00 |
| OSWEGO___6 23613 | 34.81 -0.75 0.00 | 34.15 -0.66 0.00 | 33.84 -0.69 0.00 | 33.44 -0.68 0.00 | 33.37 -0.61 0.00 | 35.13 -0.72 0.00 | 49.69 -0.86 0.00 | 68.89 -1.26 0.00 | 49.51 -0.91 0.00 | 39.86 -0.77 0.00 | 33.12 -0.68 0.00 | 32.50 -0.70 0.00 | 30.37 -0.62 0.00 | 29.40 -0.63 0.00 | 29.27 -0.63 0.00 | 31.05 -0.67 0.00 | 36.39 -0.86 0.00 | 51.10 -1.15 0.00 | 66.08 -1.42 0.00 | 66.88 -1.50 0.00 | 49.20 -1.06 0.00 | 42.25 -0.91 0.00 | 39.94 -0.90 0.00 | 37.26 -0.72 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| OUTOKUMPU-AB___DRP 24206 | 35.88 0.32 0.00 | 35.97 1.15 0.00 | 35.32 0.79 0.00 | 35.11 0.99 0.00 | 35.38 1.39 0.00 | 36.49 0.65 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 51.47 1.06 0.00 | 41.77 1.14 0.00 | 34.67 0.88 0.00 | 33.83 0.63 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.96 0.06 0.00 | 31.62 -0.10 0.00 | 36.01 -1.23 0.00 | 50.63 -1.62 0.00 | 65.94 -1.55 0.00 | 66.47 -1.91 0.00 | 49.40 -0.85 0.00 | 42.60 -0.56 0.00 | 41.50 0.65 0.00 | 38.90 0.91 0.00 |
| OXBOW___BTM 323836 | 35.81 0.25 0.00 | 35.69 0.87 0.00 | 35.18 0.65 0.00 | 35.01 0.89 0.00 | 35.28 1.29 0.00 | 36.42 0.57 0.00 | 51.06 0.51 0.00 | 69.23 -0.91 0.00 | 51.02 0.61 0.00 | 41.57 0.94 0.00 | 34.54 0.74 0.00 | 33.76 0.56 0.00 | 31.21 0.22 0.00 | 30.15 0.12 0.00 | 29.87 -0.03 0.00 | 31.53 -0.19 0.00 | 35.75 -1.49 0.00 | 50.21 -2.04 0.00 | 65.27 -2.23 0.00 | 65.86 -2.53 0.00 | 49.00 -1.25 0.00 | 42.08 -1.08 0.00 | 39.74 -1.10 0.00 | 38.48 0.49 0.00 |
| OXBOW___ 24026 | 35.81 0.25 0.00 | 35.86 1.04 0.00 | 35.22 0.69 0.00 | 35.01 0.89 0.00 | 35.28 1.29 0.00 | 36.35 0.50 0.00 | 51.06 0.51 0.00 | 69.24 -0.91 0.00 | 51.07 0.66 0.00 | 41.49 0.85 0.00 | 34.47 0.68 0.00 | 33.66 0.46 0.00 | 31.21 0.22 0.00 | 30.18 0.15 0.00 | 29.78 -0.12 0.00 | 31.43 -0.29 0.00 | 35.75 -1.49 0.00 | 50.21 -2.04 0.00 | 65.27 -2.23 0.00 | 65.86 -2.53 0.00 | 49.00 -1.26 0.00 | 42.21 -0.95 0.00 | 41.17 0.33 0.00 | 38.78 0.80 0.00 |
| OXY_CHEM_DSASP 323612 | 35.59 0.04 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.10 0.25 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.08 0.45 0.00 | 34.13 0.34 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.52 -0.39 0.00 | 31.18 -0.54 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.72 -0.12 0.00 | 38.52 0.53 0.00 |
| OZONE_PARK_ESR 323760 | 38.00 2.17 -0.27 | 36.66 1.85 0.00 | 36.25 1.73 0.00 | 35.76 1.64 0.00 | 35.55 1.56 0.00 | 37.78 1.94 0.00 | 52.93 2.38 0.00 | 74.08 3.93 0.00 | 52.93 2.52 0.00 | 43.19 2.56 0.00 | 36.82 2.50 -0.53 | 36.79 2.49 -1.10 | 34.19 2.48 -0.72 | 33.07 2.49 -0.55 | 33.06 2.60 -0.55 | 34.44 2.73 0.00 | 40.45 3.20 0.00 | 55.64 3.40 0.00 | 71.48 3.98 0.00 | 72.42 4.03 0.00 | 52.97 2.71 0.00 | 45.53 2.37 0.00 | 43.05 2.21 0.00 | 40.15 2.17 0.00 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 35.59 0.04 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.10 0.25 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.08 0.45 0.00 | 34.13 0.34 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.52 -0.39 0.00 | 31.18 -0.54 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.72 -0.12 0.00 | 38.52 0.53 0.00 |
| PACKARD___115KV_DUPONT_184 80571 | 35.59 0.04 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.11 1.12 0.00 | 36.10 0.25 0.00 | 50.45 -0.10 0.00 | 68.32 -1.82 0.00 | 50.46 0.05 0.00 | 41.08 0.45 0.00 | 34.13 0.34 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.52 -0.39 0.00 | 31.18 -0.54 0.00 | 35.38 -1.86 0.00 | 49.58 -2.66 0.00 | 64.39 -3.10 0.00 | 64.97 -3.42 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.72 -0.12 0.00 | 38.52 0.53 0.00 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.19 1.66 -0.01 | 35.77 1.64 -0.01 | 35.56 1.56 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.16 3.02 0.00 | 52.18 1.76 0.00 | 42.79 2.15 0.00 | 36.55 2.23 -0.52 | 36.55 2.26 -1.09 | 33.94 2.23 -0.71 | 32.85 2.28 -0.54 | 32.84 2.39 -0.55 | 34.18 2.47 0.01 | 40.14 2.91 0.01 | 54.81 2.56 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 45.10 1.94 0.00 | 42.92 2.08 0.00 | 39.97 1.98 -0.01 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 38.29 2.45 -0.28 | 36.98 2.16 -0.01 | 36.54 2.00 -0.01 | 36.11 1.98 -0.01 | 35.93 1.94 -0.01 | 38.15 2.29 -0.01 | 52.98 2.43 0.00 | 74.01 3.86 0.00 | 52.73 2.32 0.00 | 43.19 2.56 0.00 | 36.88 2.57 -0.52 | 36.85 2.56 -1.09 | 34.22 2.51 -0.71 | 33.12 2.55 -0.54 | 33.11 2.66 -0.55 | 34.50 2.79 0.01 | 40.51 3.28 0.01 | 55.33 3.08 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.67 2.41 0.00 | 45.57 2.42 0.00 | 43.41 2.57 0.00 | 40.39 2.39 -0.01 |
| PATROON___115KV_TB1 80586 | 35.77 0.32 0.10 | 35.03 0.21 0.00 | 34.77 0.24 0.00 | 34.29 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.72 0.08 0.00 | 33.83 0.24 0.20 | 32.98 0.20 0.42 | 30.93 0.22 0.28 | 30.09 0.27 0.21 | 30.05 0.36 0.21 | 32.13 0.41 0.00 | 37.73 0.48 0.00 | 52.66 0.42 0.00 | 67.90 0.40 0.00 | 68.86 0.48 0.00 | 50.56 0.30 0.00 | 43.42 0.26 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| PATTRSNVILLE___SOLAR 323815 | 36.33 0.85 0.08 | 35.58 0.76 0.00 | 35.32 0.79 0.00 | 34.94 0.82 0.00 | 34.77 0.78 0.00 | 36.81 0.97 0.00 | 51.96 1.41 0.00 | 72.18 2.04 0.00 | 51.02 0.61 0.00 | 40.72 0.08 0.00 | 33.58 -0.07 0.15 | 32.70 -0.20 0.30 | 30.61 -0.18 0.20 | 29.73 -0.15 0.15 | 29.66 -0.09 0.15 | 31.75 0.03 0.00 | 37.51 0.26 0.00 | 53.19 0.94 0.00 | 69.18 1.69 0.00 | 70.23 1.85 0.00 | 51.61 1.36 0.00 | 44.32 1.17 0.00 | 41.86 1.02 0.00 | 38.86 0.87 0.00 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 35.34 -0.21 0.00 | 35.34 0.52 0.00 | 34.70 0.17 0.00 | 34.50 0.38 0.00 | 34.77 0.78 0.00 | 36.10 0.25 0.00 | 51.36 0.81 0.00 | 69.73 -0.42 0.00 | 51.12 0.71 0.00 | 41.33 0.69 0.00 | 34.23 0.44 0.00 | 33.46 0.27 0.00 | 31.12 0.12 0.00 | 30.09 0.06 0.00 | 29.66 -0.24 0.00 | 31.33 -0.38 0.00 | 35.83 -1.42 0.00 | 50.57 -1.67 0.00 | 66.08 -1.42 0.00 | 66.68 -1.71 0.00 | 49.30 -0.95 0.00 | 42.34 -0.82 0.00 | 41.05 0.20 0.00 | 38.29 0.30 0.00 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 37.57 1.74 -0.27 | 36.28 1.46 0.00 | 35.91 1.38 0.00 | 35.49 1.36 0.00 | 35.24 1.26 0.00 | 37.42 1.58 0.00 | 52.57 2.02 0.00 | 73.37 3.23 0.00 | 52.33 1.92 0.00 | 42.42 1.79 0.00 | 36.05 1.72 -0.53 | 35.93 1.63 -1.10 | 33.42 1.70 -0.72 | 32.29 1.71 -0.55 | 32.34 1.88 -0.56 | 33.68 1.97 0.00 | 39.52 2.27 0.00 | 54.91 2.66 0.00 | 70.53 3.04 0.00 | 71.60 3.21 0.00 | 52.47 2.21 0.00 | 45.10 1.94 0.00 | 42.56 1.72 0.00 | 39.66 1.67 0.00 |
| PEEKSKILL___ 23653 | 37.39 1.60 -0.23 | 36.17 1.36 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.44 0.00 | 52.22 1.67 0.00 | 72.88 2.73 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.97 1.72 -0.45 | 35.87 1.73 -0.94 | 33.38 1.77 -0.62 | 32.33 1.83 -0.47 | 32.27 1.89 -0.48 | 33.68 1.97 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.32 2.94 0.00 | 52.16 1.91 0.00 | 44.93 1.77 0.00 | 42.68 1.84 0.00 | 39.54 1.56 0.00 |
| PGE MADISON___WINDPWR 24146 | 37.36 1.78 -0.03 | 36.56 1.74 0.00 | 36.25 1.73 0.00 | 35.76 1.64 0.00 | 35.82 1.84 0.00 | 38.00 2.15 0.00 | 54.29 3.74 0.00 | 75.41 5.26 0.00 | 53.34 2.92 0.00 | 42.14 1.50 0.00 | 34.72 0.88 -0.05 | 33.90 0.60 -0.11 | 31.59 0.53 -0.07 | 30.29 0.21 -0.05 | 30.17 0.21 -0.05 | 31.94 0.22 0.00 | 37.88 0.63 0.00 | 54.86 2.61 0.00 | 72.15 4.66 0.00 | 73.10 4.72 0.00 | 53.67 3.42 0.00 | 45.92 2.76 0.00 | 43.46 2.61 0.00 | 40.27 2.28 0.00 |

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| PIERCEFIELD___HYD 23852 | 36.34 0.78 0.00 | 35.62 0.80 0.00 | 35.29 0.76 0.00 | 34.81 0.68 0.00 | 34.73 0.75 0.00 | 36.63 0.79 0.00 | 51.66 1.11 0.00 | 71.55 1.40 0.00 | 51.17 0.76 0.00 | 41.20 0.57 0.00 | 34.13 0.34 0.00 | 33.60 0.40 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.78 0.06 0.00 | 37.50 0.26 0.00 | 53.13 0.89 0.00 | 68.71 1.21 0.00 | 69.75 1.37 0.00 | 51.66 1.41 0.00 | 44.45 1.29 0.00 | 41.86 1.02 0.00 | 38.78 0.80 0.00 |
| PINELAWN_CC_1 323563 | 38.35 2.52 -0.27 | 36.94 2.12 0.00 | 36.36 1.83 0.00 | 35.83 1.71 0.00 | 35.52 1.53 0.00 | 37.85 2.01 0.00 | 50.93 0.40 0.03 | 65.13 1.12 6.14 | 48.91 0.20 1.71 | 42.14 1.50 0.00 | 36.46 2.13 -0.53 | 36.70 2.39 -1.11 | 33.92 2.20 -0.73 | 32.94 2.34 -0.56 | 32.98 2.51 -0.57 | 34.36 2.63 -0.02 | 40.31 3.05 -0.01 | 53.50 1.25 0.00 | 61.78 0.41 6.12 | 63.97 0.61 5.03 | 48.76 0.35 1.85 | 44.54 1.38 0.00 | 43.25 2.41 0.00 | 40.34 2.36 0.00 |
| PJM_GEN_HTTP_PROXY 323702 | 35.16 1.88 2.28 | 33.71 1.60 2.71 | 32.26 1.42 3.68 | 31.16 1.40 4.36 | 31.60 1.29 3.68 | 34.03 1.69 3.50 | 52.47 1.92 0.00 | 72.44 3.30 1.00 | 47.58 2.07 4.90 | 37.15 2.19 5.68 | 32.44 2.16 3.52 | 29.94 2.16 5.42 | 29.48 2.17 3.68 | 29.29 2.25 2.99 | 29.76 2.30 2.45 | 31.99 2.41 2.13 | 35.78 2.87 4.33 | 50.09 2.87 5.03 | 70.80 3.31 0.00 | 71.80 3.42 0.00 | 45.70 2.21 6.76 | 36.99 2.11 8.28 | 34.29 2.20 8.76 | 33.15 1.90 6.73 |
| PJM_GEN_KEystone 24065 | 36.29 0.60 -0.13 | 35.51 0.70 0.00 | 35.01 0.48 0.00 | 34.70 0.58 0.00 | 34.70 0.71 0.00 | 36.52 0.68 0.00 | 51.56 1.01 0.00 | 71.06 0.91 0.00 | 51.22 0.80 0.00 | 41.57 0.94 0.00 | 34.93 0.88 -0.26 | 34.57 0.83 -0.54 | 32.15 0.80 -0.35 | 31.11 0.81 -0.27 | 30.95 0.78 -0.27 | 32.45 0.73 0.00 | 37.73 0.48 0.00 | 52.61 0.37 0.00 | 68.17 0.67 0.00 | 69.00 0.61 0.00 | 50.61 0.35 0.00 | 43.37 0.22 0.00 | 41.13 0.29 0.00 | 38.59 0.61 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 38.14 2.31 -0.27 | 36.76 1.95 0.00 | 36.18 1.66 0.00 | 35.73 1.60 0.00 | 35.45 1.46 0.00 | 37.74 1.90 0.00 | 51.00 0.45 0.01 | 71.08 1.26 0.33 | 50.15 0.50 0.77 | 42.22 1.58 0.00 | 36.46 2.13 -0.53 | 36.63 2.32 -1.11 | 33.92 2.20 -0.73 | 32.90 2.31 -0.56 | 32.89 2.42 -0.57 | 34.23 2.50 -0.01 | 40.16 2.91 -0.01 | 53.92 1.67 0.00 | 68.65 1.48 0.33 | 69.68 1.57 0.28 | 51.05 0.91 0.11 | 44.84 1.68 0.00 | 43.09 2.24 0.00 | 40.19 2.20 0.00 |
| PJM_GEN_VFT_PROXY 323633 | 37.60 1.78 -0.27 | 36.31 1.50 0.00 | 35.80 1.28 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.39 1.54 0.00 | 52.32 1.77 0.00 | 73.16 3.01 0.00 | 52.33 1.92 0.00 | 42.67 2.03 0.00 | 36.42 2.10 -0.53 | 36.39 2.09 -1.10 | 33.85 2.14 -0.72 | 32.80 2.22 -0.55 | 32.73 2.27 -0.55 | 34.06 2.35 0.00 | 40.04 2.79 0.00 | 54.96 2.72 0.00 | 70.60 3.11 0.00 | 71.53 3.15 0.00 | 52.27 2.01 0.00 | 45.10 1.94 0.00 | 42.92 2.08 0.00 | 39.77 1.79 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 36.16 0.60 0.00 | 35.51 0.70 0.00 | 35.15 0.62 0.00 | 34.70 0.58 0.00 | 34.63 0.65 0.00 | 36.42 0.57 0.00 | 50.96 0.40 0.00 | 70.36 0.21 0.00 | 50.56 0.15 0.00 | 40.92 0.28 0.00 | 33.90 0.10 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.69 -0.21 0.00 | 31.59 -0.13 0.00 | 37.32 0.07 0.00 | 52.56 0.31 0.00 | 68.51 1.01 0.00 | 69.55 1.16 0.00 | 51.21 0.95 0.00 | 44.24 1.08 0.00 | 41.74 0.90 0.00 | 38.78 0.80 0.00 |
| PLEASANTVLY___LBMP 24000 | 36.93 1.24 -0.13 | 35.83 1.01 0.00 | 35.46 0.93 0.00 | 35.05 0.92 0.00 | 34.84 0.85 0.00 | 36.96 1.11 0.00 | 51.76 1.21 0.00 | 72.25 2.10 0.00 | 51.62 1.21 0.00 | 41.98 1.34 0.00 | 35.43 1.39 -0.25 | 35.11 1.39 -0.51 | 32.76 1.43 -0.34 | 31.76 1.47 -0.26 | 31.72 1.56 -0.26 | 33.36 1.65 0.00 | 39.18 1.94 0.00 | 54.18 1.93 0.00 | 69.66 2.16 0.00 | 70.64 2.26 0.00 | 51.71 1.46 0.00 | 44.45 1.29 0.00 | 41.99 1.14 0.00 | 39.16 1.18 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 37.51 1.64 -0.32 | 36.17 1.36 0.00 | 35.77 1.24 0.00 | 35.35 1.23 0.00 | 35.11 1.12 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.95 2.81 0.00 | 52.08 1.66 0.00 | 42.42 1.79 0.00 | 36.25 1.82 -0.63 | 36.33 1.83 -1.30 | 33.68 1.83 -0.86 | 32.54 1.86 -0.65 | 32.54 1.97 -0.66 | 33.78 2.06 0.00 | 39.66 2.42 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.84 1.68 0.00 | 42.35 1.51 0.00 | 39.54 1.56 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 37.51 1.64 -0.32 | 36.17 1.36 0.00 | 35.77 1.24 0.00 | 35.35 1.23 0.00 | 35.11 1.12 0.00 | 37.28 1.43 0.00 | 52.22 1.67 0.00 | 72.95 2.81 0.00 | 52.08 1.66 0.00 | 42.42 1.79 0.00 | 36.25 1.82 -0.63 | 36.33 1.83 -1.30 | 33.68 1.83 -0.86 | 32.54 1.86 -0.65 | 32.54 1.97 -0.66 | 33.78 2.06 0.00 | 39.66 2.42 0.00 | 54.70 2.46 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.84 1.68 0.00 | 42.35 1.51 0.00 | 39.54 1.56 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 37.21 1.53 -0.12 | 36.07 1.25 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.04 1.05 0.00 | 37.17 1.33 0.00 | 52.22 1.67 0.00 | 72.81 2.67 0.00 | 51.87 1.46 0.00 | 42.06 1.42 0.00 | 35.42 1.39 -0.24 | 35.06 1.36 -0.50 | 32.75 1.43 -0.33 | 31.75 1.47 -0.25 | 31.74 1.58 -0.25 | 33.36 1.65 0.00 | 39.29 2.05 0.00 | 54.54 2.30 0.00 | 70.26 2.77 0.00 | 71.19 2.80 0.00 | 52.11 1.86 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.39 1.41 0.00 |
| POLETTI____ 23519 | 29.30 1.71 7.96 | 28.57 1.43 7.68 | 27.20 1.28 8.61 | 27.16 1.23 8.19 | 27.16 1.16 7.98 | 28.64 1.54 8.75 | 34.78 1.26 17.03 | 49.35 2.24 23.04 | 30.10 1.16 21.47 | 27.69 1.71 14.65 | 29.86 1.89 5.83 | 29.89 1.93 5.23 | 29.86 1.92 3.05 | 29.83 1.98 2.18 | 29.89 2.09 2.11 | 29.89 2.19 4.01 | 29.86 2.57 9.95 | 37.62 2.04 16.67 | 54.92 2.02 14.60 | 55.92 2.12 14.59 | 36.58 1.36 15.03 | 30.72 1.51 13.95 | 31.89 1.72 10.66 | 32.19 1.56 7.36 |
| POMONA___ESR 323819 | 37.45 1.67 -0.22 | 36.24 1.43 0.00 | 35.77 1.24 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.32 1.47 0.00 | 52.37 1.82 0.00 | 73.09 2.95 0.00 | 52.13 1.71 0.00 | 42.38 1.75 0.00 | 35.95 1.72 -0.44 | 35.83 1.73 -0.91 | 33.38 1.80 -0.60 | 32.35 1.86 -0.45 | 32.28 1.92 -0.46 | 33.71 2.00 0.00 | 39.63 2.39 0.00 | 54.80 2.56 0.00 | 70.54 3.04 0.00 | 71.53 3.15 0.00 | 52.27 2.01 0.00 | 45.01 1.85 0.00 | 42.76 1.92 0.00 | 39.62 1.63 0.00 |
| PORT_JEFF_3 23555 | 38.14 2.31 -0.27 | 36.70 1.88 0.00 | 36.08 1.56 0.00 | 35.62 1.50 0.00 | 35.28 1.29 0.00 | 37.67 1.83 0.00 | 50.18 -0.35 0.02 | 64.87 -0.63 4.65 | 48.48 -0.41 1.53 | 41.69 1.05 0.00 | 36.12 1.79 -0.53 | 36.34 2.03 -1.11 | 33.58 1.86 -0.73 | 32.60 2.01 -0.56 | 32.63 2.15 -0.57 | 34.01 2.28 -0.01 | 39.94 2.68 -0.01 | 52.82 0.58 0.00 | 62.25 -0.61 4.64 | 64.17 -0.41 3.81 | 48.60 -0.25 1.41 | 44.45 1.29 0.00 | 43.00 2.16 0.00 | 40.15 2.16 0.00 |
| PORT_JEFF_4 23616 | 38.14 2.31 -0.27 | 36.70 1.88 0.00 | 36.08 1.56 0.00 | 35.62 1.50 0.00 | 35.28 1.29 0.00 | 37.67 1.83 0.00 | 50.18 -0.35 0.02 | 64.87 -0.63 4.65 | 48.48 -0.41 1.53 | 41.69 1.05 0.00 | 36.12 1.79 -0.53 | 36.34 2.03 -1.11 | 33.58 1.86 -0.73 | 32.60 2.01 -0.56 | 32.63 2.15 -0.57 | 34.01 2.28 -0.01 | 39.94 2.68 -0.01 | 52.82 0.58 0.00 | 62.25 -0.61 4.64 | 64.17 -0.41 3.81 | 48.60 -0.25 1.41 | 44.45 1.29 0.00 | 43.00 2.16 0.00 | 40.15 2.16 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| PORT_JEFF_IC 23713 | 38.21 2.38 -0.27 | 36.66 1.85 0.00 | 36.15 1.62 0.00 | 35.66 1.54 0.00 | 35.35 1.36 0.00 | 37.71 1.86 0.00 | 50.53 0.00 0.02 | 64.40 -0.21 5.53 | 48.37 -0.35 1.69 | 42.02 1.38 0.00 | 36.49 2.16 -0.53 | 36.64 2.32 -1.11 | 33.98 2.26 -0.73 | 32.93 2.34 -0.56 | 32.86 2.39 -0.57 | 34.26 2.54 -0.01 | 39.97 2.72 -0.01 | 53.03 0.78 0.00 | 61.37 -0.61 5.52 | 63.44 -0.41 4.53 | 48.48 -0.10 1.67 | 43.72 0.56 0.00 | 41.50 0.65 0.00 | 39.66 1.67 0.00 |
| PPL PILGRIM_ST_GT1 24216 | 38.39 2.56 -0.27 | 36.94 2.12 0.00 | 36.36 1.83 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.92 2.08 0.00 | 50.88 0.36 0.03 | 65.22 0.91 5.83 | 48.23 -0.45 1.72 | 42.10 1.46 0.00 | 36.42 2.10 -0.53 | 36.67 2.36 -1.11 | 33.85 2.14 -0.73 | 32.87 2.28 -0.56 | 32.92 2.45 -0.57 | 34.33 2.60 -0.01 | 40.34 3.09 -0.01 | 53.76 1.52 0.00 | 62.82 1.15 5.82 | 64.98 1.37 4.78 | 49.20 0.70 1.76 | 44.84 1.68 0.00 | 43.25 2.41 0.00 | 40.38 2.39 0.00 |
| PPL PILGRIM_ST_GT2 24217 | 38.39 2.56 -0.27 | 36.94 2.12 0.00 | 36.36 1.83 0.00 | 35.86 1.74 0.00 | 35.55 1.56 0.00 | 37.92 2.08 0.00 | 50.88 0.36 0.03 | 65.22 0.91 5.83 | 48.23 -0.45 1.72 | 42.10 1.46 0.00 | 36.42 2.10 -0.53 | 36.67 2.36 -1.11 | 33.85 2.14 -0.73 | 32.87 2.28 -0.56 | 32.92 2.45 -0.57 | 34.33 2.60 -0.01 | 40.34 3.09 -0.01 | 53.76 1.52 0.00 | 62.82 1.15 5.82 | 64.98 1.37 4.78 | 49.20 0.70 1.76 | 44.84 1.68 0.00 | 43.25 2.41 0.00 | 40.38 2.39 0.00 |
| PPL_SHRM_GT3 24213 | 37.78 1.95 -0.27 | 36.35 1.53 0.00 | 35.73 1.21 0.00 | 35.28 1.16 0.00 | 34.94 0.95 0.00 | 37.32 1.47 0.00 | 49.67 -0.86 0.02 | 64.57 -0.84 4.74 | 47.96 -0.91 1.54 | 41.16 0.53 0.00 | 35.68 1.35 -0.53 | 35.94 1.63 -1.11 | 33.17 1.46 -0.73 | 32.24 1.65 -0.56 | 32.30 1.82 -0.57 | 33.66 1.93 -0.01 | 39.60 2.35 -0.01 | 52.71 0.47 0.00 | 62.30 -0.47 4.73 | 64.30 -0.20 3.88 | 48.47 -0.35 1.43 | 44.15 0.99 0.00 | 42.64 1.80 0.00 | 39.81 1.82 0.00 |
| PPL_SHRM_GT4 24214 | 37.78 1.95 -0.27 | 36.35 1.53 0.00 | 35.73 1.21 0.00 | 35.28 1.16 0.00 | 34.94 0.95 0.00 | 37.32 1.47 0.00 | 49.67 -0.86 0.02 | 64.57 -0.84 4.74 | 47.96 -0.91 1.54 | 41.16 0.53 0.00 | 35.68 1.35 -0.53 | 35.94 1.63 -1.11 | 33.17 1.46 -0.73 | 32.24 1.65 -0.56 | 32.30 1.82 -0.57 | 33.66 1.93 -0.01 | 39.60 2.35 -0.01 | 52.71 0.47 0.00 | 62.30 -0.47 4.73 | 64.30 -0.20 3.88 | 48.47 -0.35 1.43 | 44.15 0.99 0.00 | 42.64 1.80 0.00 | 39.81 1.82 0.00 |
| PROJECT___ORANGE 1 24174 | 35.20 -0.36 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.82 -0.31 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.30 -0.25 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.27 -0.37 0.00 | 33.46 -0.34 0.00 | 32.83 -0.37 0.00 | 30.71 -0.28 0.00 | 29.73 -0.30 0.00 | 29.58 -0.33 0.00 | 31.37 -0.35 0.00 | 36.76 -0.48 0.00 | 51.67 -0.57 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.80 -0.45 0.00 | 42.73 -0.43 0.00 | 40.60 -0.25 0.00 | 37.72 -0.27 0.00 |
| PROJECT___ORANGE 2 24166 | 35.20 -0.36 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.82 -0.31 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.30 -0.25 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.27 -0.37 0.00 | 33.46 -0.34 0.00 | 32.83 -0.37 0.00 | 30.71 -0.28 0.00 | 29.73 -0.30 0.00 | 29.58 -0.33 0.00 | 31.37 -0.35 0.00 | 36.76 -0.48 0.00 | 51.67 -0.57 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.80 -0.45 0.00 | 42.73 -0.43 0.00 | 40.60 -0.25 0.00 | 37.72 -0.27 0.00 |
| PUCKETT___SOLAR 323809 | 36.23 0.64 -0.03 | 35.55 0.73 0.00 | 35.18 0.65 0.00 | 34.81 0.68 0.00 | 34.80 0.81 0.00 | 36.67 0.83 0.00 | 52.12 1.57 0.00 | 71.97 1.82 0.00 | 51.52 1.11 0.00 | 41.20 0.57 0.00 | 34.12 0.27 -0.06 | 33.45 0.13 -0.11 | 31.19 0.12 -0.08 | 30.15 0.06 -0.06 | 29.96 0.00 -0.06 | 31.75 0.03 0.00 | 37.28 0.04 0.00 | 52.92 0.68 0.00 | 68.98 1.48 0.00 | 69.82 1.44 0.00 | 51.31 1.06 0.00 | 43.94 0.78 0.00 | 41.49 0.65 0.00 | 38.79 0.80 0.00 |
| PYRITES___HYD 24023 | 36.69 1.14 0.00 | 35.97 1.15 0.00 | 35.67 1.14 0.00 | 35.15 1.02 0.00 | 35.11 1.12 0.00 | 37.10 1.25 0.00 | 52.42 1.87 0.00 | 72.60 2.46 0.00 | 51.77 1.36 0.00 | 41.45 0.81 0.00 | 34.34 0.54 0.00 | 33.76 0.56 0.00 | 31.30 0.31 0.00 | 30.24 0.21 0.00 | 30.08 0.18 0.00 | 31.94 0.22 0.00 | 37.77 0.52 0.00 | 53.81 1.57 0.00 | 69.93 2.43 0.00 | 70.98 2.60 0.00 | 52.42 2.16 0.00 | 44.97 1.81 0.00 | 42.35 1.51 0.00 | 39.20 1.22 0.00 |
| QUAKERRD_115KV_BK1 80622 | 34.77 -0.78 0.00 | 34.36 -0.45 0.00 | 33.91 -0.62 0.00 | 33.54 -0.58 0.00 | 33.61 -0.37 0.00 | 35.16 -0.68 0.00 | 49.94 -0.61 0.00 | 68.81 -1.33 0.00 | 49.86 -0.55 0.00 | 40.19 -0.45 0.00 | 33.29 -0.51 0.00 | 32.60 -0.60 0.00 | 30.40 -0.59 0.00 | 29.40 -0.63 0.00 | 29.13 -0.78 0.00 | 30.86 -0.86 0.00 | 35.87 -1.38 0.00 | 50.68 -1.57 0.00 | 65.67 -1.82 0.00 | 66.47 -1.91 0.00 | 49.05 -1.21 0.00 | 42.12 -1.04 0.00 | 40.23 -0.61 0.00 | 37.42 -0.57 0.00 |
| QUENSBRY_115KV_TB8 356137 | 36.37 0.92 0.11 | 35.69 0.87 0.00 | 35.42 0.90 0.00 | 35.08 0.96 0.00 | 34.87 0.88 0.00 | 36.92 1.08 0.00 | 52.17 1.62 0.00 | 72.60 2.46 0.00 | 51.57 1.16 0.00 | 41.08 0.45 0.00 | 33.89 0.30 0.21 | 32.94 0.17 0.43 | 30.80 0.09 0.28 | 29.88 0.06 0.21 | 29.84 0.15 0.22 | 32.03 0.32 0.00 | 37.73 0.48 0.00 | 53.34 1.10 0.00 | 69.39 1.89 0.00 | 70.57 2.19 0.00 | 51.81 1.56 0.00 | 44.41 1.25 0.00 | 41.82 0.98 0.00 | 38.78 0.80 0.00 |
| RAMAPO___LBMP 323565 | 37.34 1.56 -0.22 | 36.10 1.29 0.00 | 35.67 1.14 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.24 1.40 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 51.98 1.56 0.00 | 42.30 1.67 0.00 | 35.89 1.66 -0.44 | 35.77 1.66 -0.91 | 33.29 1.70 -0.60 | 32.26 1.77 -0.45 | 32.22 1.85 -0.46 | 33.65 1.93 0.00 | 39.52 2.27 0.00 | 54.65 2.40 0.00 | 70.33 2.83 0.00 | 71.33 2.94 0.00 | 52.11 1.86 0.00 | 44.75 1.60 0.00 | 42.27 1.43 0.00 | 39.43 1.44 0.00 |
| RANKINE____ 23646 | 35.70 0.14 0.00 | 35.72 0.91 0.00 | 35.08 0.55 0.00 | 34.87 0.75 0.00 | 35.14 1.16 0.00 | 36.42 0.57 0.00 | 51.66 1.11 0.00 | 70.15 0.00 0.00 | 51.52 1.11 0.00 | 41.73 1.10 0.00 | 34.61 0.81 0.00 | 33.80 0.60 0.00 | 31.39 0.40 0.00 | 30.36 0.33 0.00 | 29.93 0.03 0.00 | 31.62 -0.10 0.00 | 36.09 -1.15 0.00 | 50.83 -1.41 0.00 | 66.35 -1.15 0.00 | 66.95 -1.44 0.00 | 49.60 -0.65 0.00 | 42.68 -0.47 0.00 | 41.45 0.61 0.00 | 38.71 0.72 0.00 |
| RAVENSWOOD_GT2_1 24244 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.57 1.72 0.00 | 52.47 1.92 0.00 | 73.37 3.23 0.00 | 52.43 2.02 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |
| RAVENSWOOD_GT2_2 24245 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.57 1.72 0.00 | 52.47 1.92 0.00 | 73.37 3.23 0.00 | 52.43 2.02 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |

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| RAVENSWOOD_GT2_3 24246 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.52 1.97 0.00 | 73.44 3.30 0.00 | 52.48 2.07 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.94 2.23 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.19 2.47 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.81 3.42 0.00 | 52.52 2.26 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| RAVENSWOOD_GT2_4 24247 | 37.78 1.96 -0.27 | 36.45 1.64 0.00 | 36.01 1.48 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.52 1.97 0.00 | 73.44 3.30 0.00 | 52.48 2.07 0.00 | 42.87 2.23 0.00 | 36.55 2.23 -0.53 | 36.52 2.22 -1.10 | 33.94 2.23 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.19 2.47 0.00 | 40.15 2.91 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.81 3.42 0.00 | 52.52 2.26 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| RAVENSWOOD_GT3_1 24248 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.57 1.72 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.89 1.90 0.00 |
| RAVENSWOOD_GT3_2 24249 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.57 1.72 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.89 1.90 0.00 |
| RAVENSWOOD_GT3_3 24250 | 37.82 1.99 -0.27 | 36.49 1.67 0.00 | 36.05 1.52 0.00 | 35.59 1.47 0.00 | 35.38 1.39 0.00 | 37.60 1.76 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.53 2.12 0.00 | 42.91 2.28 0.00 | 36.59 2.26 -0.53 | 36.59 2.29 -1.10 | 33.98 2.26 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.22 2.51 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 70.87 3.37 0.00 | 71.87 3.49 0.00 | 52.57 2.31 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| RAVENSWOOD_GT3_4 24251 | 37.82 1.99 -0.27 | 36.49 1.67 0.00 | 36.05 1.52 0.00 | 35.59 1.47 0.00 | 35.38 1.39 0.00 | 37.60 1.76 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.53 2.12 0.00 | 42.91 2.28 0.00 | 36.59 2.26 -0.53 | 36.59 2.29 -1.10 | 33.98 2.26 -0.72 | 32.89 2.31 -0.55 | 32.88 2.42 -0.55 | 34.22 2.51 0.00 | 40.19 2.94 0.00 | 55.22 2.98 0.00 | 70.87 3.37 0.00 | 71.87 3.49 0.00 | 52.57 2.31 0.00 | 45.23 2.07 0.00 | 42.76 1.92 0.00 | 39.92 1.94 0.00 |
| RAVENSWOOD_GT_1 23729 | 37.93 2.10 -0.28 | 36.64 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.52 1.53 -0.01 | 37.75 1.90 -0.01 | 52.42 1.87 0.00 | 73.30 3.16 0.00 | 52.38 1.97 0.00 | 42.99 2.36 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.33 2.60 -0.01 | 40.31 3.05 -0.01 | 55.07 2.82 0.00 | 70.67 3.17 0.00 | 71.60 3.21 0.00 | 52.42 2.16 0.00 | 45.23 2.07 0.00 | 42.88 2.04 0.00 | 40.08 2.09 -0.01 |
| RAVENSWOOD_GT_10 24258 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.53 1.68 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |
| RAVENSWOOD_GT_11 24259 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.53 1.68 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |
| RAVENSWOOD_GT_4 24252 | 37.83 1.99 -0.28 | 36.50 1.67 -0.01 | 36.05 1.52 -0.01 | 35.60 1.47 -0.01 | 35.39 1.39 -0.01 | 37.61 1.76 -0.01 | 52.47 1.92 0.00 | 73.30 3.16 0.00 | 52.43 2.02 0.00 | 42.87 2.23 0.00 | 36.59 2.26 -0.54 | 36.60 2.29 -1.11 | 33.98 2.26 -0.73 | 32.90 2.31 -0.56 | 32.86 2.39 -0.56 | 34.23 2.51 -0.01 | 40.19 2.94 -0.01 | 55.07 2.82 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 45.19 2.03 0.00 | 42.76 1.92 0.00 | 39.93 1.94 -0.01 |
| RAVENSWOOD_GT_5 24254 | 37.83 1.99 -0.28 | 36.50 1.67 -0.01 | 36.05 1.52 -0.01 | 35.60 1.47 -0.01 | 35.39 1.39 -0.01 | 37.61 1.76 -0.01 | 52.47 1.92 0.00 | 73.30 3.16 0.00 | 52.43 2.02 0.00 | 42.87 2.23 0.00 | 36.59 2.26 -0.54 | 36.60 2.29 -1.11 | 33.98 2.26 -0.73 | 32.90 2.31 -0.56 | 32.86 2.39 -0.56 | 34.23 2.51 -0.01 | 40.19 2.94 -0.01 | 55.07 2.82 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 45.19 2.03 0.00 | 42.76 1.92 0.00 | 39.93 1.94 -0.01 |
| RAVENSWOOD_GT_6 24253 | 37.83 1.99 -0.28 | 36.50 1.67 -0.01 | 36.05 1.52 -0.01 | 35.60 1.47 -0.01 | 35.39 1.39 -0.01 | 37.61 1.76 -0.01 | 52.47 1.92 0.00 | 73.30 3.16 0.00 | 52.43 2.02 0.00 | 42.87 2.23 0.00 | 36.59 2.26 -0.54 | 36.60 2.29 -1.11 | 33.98 2.26 -0.73 | 32.90 2.31 -0.56 | 32.86 2.39 -0.56 | 34.23 2.51 -0.01 | 40.19 2.94 -0.01 | 55.07 2.82 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 45.19 2.03 0.00 | 42.76 1.92 0.00 | 39.93 1.94 -0.01 |
| RAVENSWOOD_GT_7 24255 | 37.83 1.99 -0.28 | 36.50 1.67 -0.01 | 36.05 1.52 -0.01 | 35.60 1.47 -0.01 | 35.39 1.39 -0.01 | 37.61 1.76 -0.01 | 52.47 1.92 0.00 | 73.30 3.16 0.00 | 52.43 2.02 0.00 | 42.87 2.23 0.00 | 36.59 2.26 -0.54 | 36.60 2.29 -1.11 | 33.98 2.26 -0.73 | 32.90 2.31 -0.56 | 32.86 2.39 -0.56 | 34.23 2.51 -0.01 | 40.19 2.94 -0.01 | 55.07 2.82 0.00 | 70.67 3.17 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 45.19 2.03 0.00 | 42.76 1.92 0.00 | 39.93 1.94 -0.01 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.53 1.68 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |
| RAVENSWOOD_GT_9 24257 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.31 1.33 0.00 | 37.53 1.68 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.52 2.22 -1.10 | 33.91 2.20 -0.72 | 32.83 2.25 -0.55 | 32.82 2.36 -0.55 | 34.16 2.44 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.47 2.21 0.00 | 45.14 1.99 0.00 | 42.68 1.84 0.00 | 39.85 1.86 0.00 |

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| RAVENSWOOD___1 23533 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.74 1.60 -0.01 | 35.49 1.49 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.31 3.16 0.00 | 52.38 1.96 0.00 | 42.99 2.36 0.00 | 36.70 2.36 -0.54 | 36.66 2.36 -1.11 | 34.08 2.35 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.36 2.20 0.00 | 43.29 2.45 0.00 | 40.12 2.13 -0.01 |
| RAVENSWOOD___2 23534 | 37.86 2.03 -0.28 | 36.56 1.74 -0.01 | 36.09 1.56 -0.01 | 35.67 1.54 -0.01 | 35.42 1.43 -0.01 | 37.68 1.83 -0.01 | 52.07 1.52 0.00 | 72.81 2.66 0.00 | 52.07 1.66 0.00 | 42.91 2.27 0.00 | 36.63 2.30 -0.54 | 36.59 2.29 -1.11 | 34.01 2.29 -0.73 | 32.96 2.37 -0.56 | 32.89 2.42 -0.56 | 34.23 2.50 -0.01 | 40.23 2.98 -0.01 | 54.70 2.46 0.00 | 70.06 2.56 0.00 | 71.05 2.66 0.00 | 52.06 1.81 0.00 | 45.27 2.11 0.00 | 43.21 2.37 0.00 | 40.04 2.05 -0.01 |
| RAVENSWOOD___3 23535 | 37.75 1.92 -0.27 | 36.45 1.64 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.47 1.92 0.00 | 73.38 3.23 0.00 | 52.48 2.07 0.00 | 42.83 2.19 0.00 | 36.52 2.20 -0.53 | 36.49 2.19 -1.10 | 33.91 2.20 -0.72 | 32.86 2.28 -0.55 | 32.79 2.33 -0.55 | 34.12 2.41 0.00 | 40.11 2.87 0.00 | 55.12 2.87 0.00 | 70.80 3.31 0.00 | 71.74 3.35 0.00 | 52.46 2.21 0.00 | 45.27 2.11 0.00 | 43.09 2.24 0.00 | 39.96 1.97 0.00 |
| RAVENSWOOD___4 23820 | 37.93 2.10 -0.28 | 36.63 1.81 -0.01 | 36.16 1.62 -0.01 | 35.73 1.60 -0.01 | 35.49 1.49 -0.01 | 37.75 1.90 -0.01 | 52.37 1.82 0.00 | 73.23 3.08 0.00 | 52.38 1.96 0.00 | 42.95 2.31 0.00 | 36.69 2.36 -0.53 | 36.66 2.36 -1.10 | 34.07 2.35 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.29 2.57 -0.01 | 40.31 3.05 -0.01 | 55.06 2.82 0.00 | 70.60 3.11 0.00 | 71.53 3.15 0.00 | 52.37 2.11 0.00 | 45.36 2.20 0.00 | 43.29 2.45 0.00 | 40.12 2.13 -0.01 |
| RCPL_TRUST___DRP 24196 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.58 2.17 0.00 | 42.91 2.28 0.00 | 36.59 2.26 -0.53 | 36.55 2.26 -1.09 | 33.94 2.23 -0.72 | 32.86 2.28 -0.55 | 32.85 2.39 -0.55 | 34.19 2.47 0.00 | 40.15 2.91 0.00 | 55.22 2.98 0.00 | 70.94 3.44 0.00 | 71.87 3.49 0.00 | 52.57 2.31 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| RED___ROCHESTER 323720 | 35.88 0.32 0.00 | 35.44 0.63 0.00 | 34.97 0.45 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.31 0.46 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.61 0.97 0.00 | 34.44 0.64 0.00 | 33.73 0.53 0.00 | 31.39 0.40 0.00 | 30.30 0.27 0.00 | 30.08 0.18 0.00 | 31.81 0.10 0.00 | 36.84 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.14 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.37 0.22 0.00 | 40.84 0.00 0.00 | 38.48 0.49 0.00 |
| REGAN___SOLAR 323812 | 36.84 1.35 0.07 | 36.07 1.25 0.00 | 35.77 1.24 0.00 | 35.42 1.30 0.00 | 35.24 1.26 0.00 | 37.49 1.65 0.00 | 53.13 2.58 0.00 | 73.65 3.51 0.00 | 51.42 1.01 0.00 | 40.23 -0.41 0.00 | 32.79 -0.88 0.13 | 31.77 -1.16 0.27 | 29.61 -1.21 0.18 | 28.69 -1.20 0.13 | 28.72 -1.05 0.13 | 30.95 -0.76 0.00 | 37.06 -0.19 0.00 | 53.60 1.36 0.00 | 70.33 2.83 0.00 | 71.60 3.21 0.00 | 52.57 2.31 0.00 | 45.14 1.99 0.00 | 42.52 1.68 0.00 | 39.39 1.41 0.00 |
| RENSSELAER___COGEN 23796 | 35.67 0.21 0.10 | 34.92 0.10 0.00 | 34.67 0.14 0.00 | 34.23 0.10 0.00 | 33.99 0.00 0.00 | 35.95 0.11 0.00 | 50.35 -0.20 0.00 | 70.22 0.07 0.00 | 50.31 -0.10 0.00 | 40.63 0.00 0.00 | 33.73 0.14 0.20 | 32.92 0.13 0.41 | 30.91 0.19 0.27 | 30.06 0.24 0.21 | 29.99 0.30 0.21 | 32.03 0.32 0.00 | 37.62 0.37 0.00 | 52.51 0.26 0.00 | 67.70 0.20 0.00 | 68.59 0.21 0.00 | 50.36 0.10 0.00 | 43.29 0.13 0.00 | 41.01 0.16 0.00 | 38.02 0.04 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 37.87 2.42 0.11 | 37.15 2.33 0.00 | 36.84 2.31 0.00 | 36.51 2.39 0.00 | 36.33 2.35 0.00 | 38.60 2.76 0.00 | 54.75 4.20 0.00 | 75.97 5.82 0.00 | 53.74 3.33 0.00 | 42.34 1.71 0.00 | 34.80 1.22 0.21 | 33.73 0.96 0.44 | 31.42 0.71 0.29 | 30.41 0.60 0.22 | 30.37 0.69 0.22 | 32.70 0.98 0.00 | 38.66 1.42 0.00 | 55.22 2.98 0.00 | 72.22 4.72 0.00 | 73.72 5.33 0.00 | 54.12 3.87 0.00 | 46.35 3.19 0.00 | 43.50 2.65 0.00 | 40.34 2.36 0.00 |
| REVERE_CPPR_DRP 24186 | 36.48 0.92 0.00 | 35.69 0.87 0.00 | 35.42 0.90 0.00 | 34.94 0.82 0.00 | 34.90 0.92 0.00 | 36.99 1.15 0.00 | 52.42 1.87 0.00 | 72.95 2.81 0.00 | 51.92 1.51 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.63 0.43 0.00 | 31.43 0.43 0.00 | 30.30 0.27 0.00 | 30.20 0.30 0.00 | 32.00 0.29 0.00 | 37.73 0.48 0.00 | 53.76 1.52 0.00 | 69.99 2.50 0.00 | 70.92 2.53 0.00 | 52.06 1.81 0.00 | 44.62 1.47 0.00 | 42.19 1.35 0.00 | 39.09 1.10 0.00 |
| REYNLDPA_13_KV_LD 356490 | 36.02 0.46 0.00 | 35.34 0.52 0.00 | 35.01 0.48 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.28 0.43 0.00 | 51.21 0.66 0.00 | 70.85 0.70 0.00 | 51.02 0.61 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.57 0.37 0.00 | 31.18 0.19 0.00 | 30.21 0.18 0.00 | 30.02 0.12 0.00 | 31.87 0.16 0.00 | 37.51 0.26 0.00 | 52.87 0.63 0.00 | 68.51 1.01 0.00 | 69.48 1.09 0.00 | 51.11 0.85 0.00 | 43.76 0.60 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| REYNOLDS_115KV_TB3 80639 | 35.90 0.46 0.12 | 35.13 0.31 0.00 | 34.87 0.35 0.00 | 34.47 0.34 0.00 | 34.26 0.27 0.00 | 36.24 0.39 0.00 | 50.85 0.30 0.00 | 70.85 0.70 0.00 | 50.77 0.35 0.00 | 41.00 0.37 0.00 | 33.99 0.44 0.24 | 33.12 0.43 0.51 | 31.12 0.46 0.33 | 30.26 0.48 0.25 | 30.21 0.57 0.26 | 32.35 0.63 0.00 | 37.99 0.74 0.00 | 52.98 0.73 0.00 | 68.24 0.74 0.00 | 69.21 0.82 0.00 | 50.76 0.50 0.00 | 43.63 0.47 0.00 | 41.17 0.33 0.00 | 38.25 0.27 0.00 |
| RIVERBAY____ 323610 | 38.29 2.45 -0.28 | 36.98 2.16 -0.01 | 36.54 2.00 -0.01 | 36.11 1.98 -0.01 | 35.93 1.94 -0.01 | 38.15 2.29 -0.01 | 52.98 2.43 0.00 | 74.01 3.86 0.00 | 52.73 2.32 0.00 | 43.19 2.56 0.00 | 36.88 2.57 -0.52 | 36.85 2.56 -1.09 | 34.22 2.51 -0.71 | 33.12 2.55 -0.54 | 33.11 2.66 -0.55 | 34.50 2.79 0.01 | 40.51 3.28 0.01 | 55.33 3.08 0.00 | 70.94 3.44 0.00 | 71.94 3.56 0.00 | 52.67 2.41 0.00 | 45.57 2.42 0.00 | 43.41 2.57 0.00 | 40.39 2.39 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 35.77 0.32 0.11 | 35.03 0.21 0.00 | 34.80 0.28 0.00 | 34.29 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.76 0.12 0.00 | 33.85 0.27 0.22 | 33.02 0.27 0.45 | 30.97 0.28 0.30 | 30.17 0.36 0.23 | 30.10 0.42 0.23 | 32.19 0.48 0.00 | 37.80 0.56 0.00 | 52.72 0.47 0.00 | 67.97 0.47 0.00 | 68.93 0.55 0.00 | 50.61 0.35 0.00 | 43.46 0.30 0.00 | 41.01 0.16 0.00 | 38.14 0.15 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 35.09 -0.46 0.00 | 34.36 -0.45 0.00 | 34.08 -0.45 0.00 | 33.68 -0.44 0.00 | 33.54 -0.44 0.00 | 35.34 -0.50 0.00 | 49.79 -0.76 0.00 | 69.10 -1.05 0.00 | 49.66 -0.75 0.00 | 40.07 -0.57 0.00 | 33.29 -0.51 0.00 | 32.73 -0.46 0.00 | 30.53 -0.46 0.00 | 29.55 -0.48 0.00 | 29.40 -0.51 0.00 | 31.15 -0.57 0.00 | 36.65 -0.60 0.00 | 51.56 -0.68 0.00 | 66.76 -0.74 0.00 | 67.64 -0.75 0.00 | 49.70 -0.55 0.00 | 42.68 -0.47 0.00 | 40.39 -0.45 0.00 | 37.61 -0.38 0.00 |

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| ROCHESRG_115KV_T4 355643 | 35.56 0.00 0.00 | 35.23 0.42 0.00 | 34.70 0.17 0.00 | 34.36 0.24 0.00 | 34.46 0.48 0.00 | 35.99 0.14 0.00 | 51.06 0.51 0.00 | 70.22 0.07 0.00 | 51.02 0.60 0.00 | 41.16 0.53 0.00 | 34.10 0.30 0.00 | 33.40 0.20 0.00 | 31.12 0.12 0.00 | 30.09 0.06 0.00 | 29.81 -0.09 0.00 | 31.52 -0.19 0.00 | 36.54 -0.71 0.00 | 51.62 -0.63 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 50.00 -0.25 0.00 | 42.94 -0.22 0.00 | 41.17 0.33 0.00 | 38.29 0.30 0.00 |
| ROCHESTER_9_IC 23652 | 35.73 0.18 0.00 | 35.41 0.59 0.00 | 34.87 0.35 0.00 | 34.53 0.41 0.00 | 34.63 0.65 0.00 | 36.13 0.29 0.00 | 51.36 0.81 0.00 | 70.64 0.49 0.00 | 51.32 0.91 0.00 | 41.41 0.77 0.00 | 34.27 0.47 0.00 | 33.56 0.37 0.00 | 31.27 0.28 0.00 | 30.21 0.18 0.00 | 29.93 0.03 0.00 | 31.68 -0.03 0.00 | 36.69 -0.56 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.11 -0.27 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 37.68 1.85 -0.27 | 36.38 1.57 0.00 | 35.94 1.42 0.00 | 35.52 1.40 0.00 | 35.28 1.29 0.00 | 37.49 1.65 0.00 | 52.52 1.97 0.00 | 73.37 3.23 0.00 | 52.43 2.02 0.00 | 42.71 2.07 0.00 | 36.38 2.06 -0.53 | 36.39 2.09 -1.10 | 33.79 2.08 -0.72 | 32.68 2.10 -0.55 | 32.64 2.18 -0.55 | 34.03 2.32 0.00 | 39.96 2.72 0.00 | 55.07 2.82 0.00 | 70.74 3.24 0.00 | 71.74 3.35 0.00 | 52.52 2.26 0.00 | 45.14 1.99 0.00 | 42.60 1.76 0.00 | 39.77 1.79 0.00 |
| ROME____115KV_TB2 80656 | 36.48 0.92 0.00 | 35.69 0.87 0.00 | 35.42 0.90 0.00 | 34.94 0.82 0.00 | 34.90 0.92 0.00 | 36.99 1.15 0.00 | 52.42 1.87 0.00 | 72.95 2.81 0.00 | 51.92 1.51 0.00 | 41.45 0.81 0.00 | 34.37 0.57 0.00 | 33.63 0.43 0.00 | 31.43 0.43 0.00 | 30.30 0.27 0.00 | 30.20 0.30 0.00 | 32.00 0.29 0.00 | 37.73 0.48 0.00 | 53.76 1.52 0.00 | 69.99 2.50 0.00 | 70.92 2.53 0.00 | 52.06 1.81 0.00 | 44.62 1.47 0.00 | 42.19 1.35 0.00 | 39.09 1.10 0.00 |
| ROSETON___1 23587 | 37.14 1.21 -0.38 | 35.83 1.01 0.00 | 35.42 0.90 0.00 | 35.01 0.89 0.00 | 34.80 0.81 0.00 | 36.92 1.07 0.00 | 51.61 1.06 0.00 | 72.04 1.89 0.00 | 51.52 1.11 0.00 | 41.93 1.30 0.00 | 35.89 1.35 -0.74 | 36.10 1.36 -1.53 | 33.40 1.40 -1.01 | 32.27 1.47 -0.77 | 32.20 1.52 -0.78 | 33.33 1.62 0.00 | 39.18 1.94 0.00 | 54.02 1.78 0.00 | 69.45 1.96 0.00 | 70.44 2.05 0.00 | 51.56 1.30 0.00 | 44.45 1.29 0.00 | 42.31 1.47 0.00 | 39.16 1.18 0.00 |
| ROSETON___2 23588 | 37.14 1.21 -0.38 | 35.83 1.01 0.00 | 35.42 0.90 0.00 | 35.01 0.89 0.00 | 34.80 0.81 0.00 | 36.92 1.07 0.00 | 51.61 1.06 0.00 | 72.04 1.89 0.00 | 51.52 1.11 0.00 | 41.93 1.30 0.00 | 35.89 1.35 -0.74 | 36.10 1.36 -1.53 | 33.40 1.40 -1.01 | 32.27 1.47 -0.77 | 32.20 1.52 -0.78 | 33.33 1.62 0.00 | 39.18 1.94 0.00 | 54.02 1.78 0.00 | 69.45 1.96 0.00 | 70.44 2.05 0.00 | 51.56 1.30 0.00 | 44.45 1.29 0.00 | 42.31 1.47 0.00 | 39.16 1.18 0.00 |
| ROTTRDAM_115KV_TB3 80664 | 36.18 0.71 0.08 | 35.41 0.59 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.60 0.61 0.00 | 36.56 0.72 0.00 | 51.51 0.96 0.00 | 71.62 1.47 0.00 | 51.17 0.76 0.00 | 41.16 0.53 0.00 | 34.08 0.44 0.16 | 33.27 0.40 0.33 | 31.18 0.40 0.21 | 30.29 0.42 0.16 | 30.22 0.48 0.16 | 32.25 0.54 0.00 | 37.95 0.71 0.00 | 53.19 0.94 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.26 1.01 0.00 | 44.02 0.86 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| RUSSELL___1 23602 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| RUSSELL___2 23532 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| RUSSELL___3 23549 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| RUSSELL___4 23556 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| RUSSELL___STATION 23914 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| S SALMON___HYD 24043 | 35.45 -0.11 0.00 | 34.71 -0.10 0.00 | 34.42 -0.10 0.00 | 33.99 -0.14 0.00 | 33.95 -0.03 0.00 | 35.81 -0.04 0.00 | 50.70 0.15 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.39 -0.24 0.00 | 33.49 -0.30 0.00 | 32.80 -0.40 0.00 | 30.68 -0.31 0.00 | 29.64 -0.39 0.00 | 29.49 -0.42 0.00 | 31.27 -0.44 0.00 | 36.72 -0.52 0.00 | 51.83 -0.42 0.00 | 67.29 -0.20 0.00 | 68.18 -0.20 0.00 | 50.15 -0.10 0.00 | 43.20 0.04 0.00 | 40.76 -0.08 0.00 | 37.95 -0.04 0.00 |
| S.PERRY__115KV_TB1 80734 | 36.69 1.14 0.00 | 36.42 1.60 0.00 | 35.80 1.28 0.00 | 35.45 1.33 0.00 | 35.68 1.70 0.00 | 37.21 1.36 0.00 | 53.33 2.78 0.00 | 73.16 3.02 0.00 | 52.68 2.27 0.00 | 41.98 1.34 0.00 | 34.57 0.78 0.00 | 33.73 0.53 0.00 | 31.39 0.40 0.00 | 30.30 0.27 0.00 | 29.93 0.03 0.00 | 31.75 0.03 0.00 | 36.91 -0.34 0.00 | 53.03 0.78 0.00 | 69.66 2.16 0.00 | 70.51 2.12 0.00 | 52.06 1.81 0.00 | 44.62 1.47 0.00 | 42.76 1.92 0.00 | 39.73 1.75 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 35.63 0.07 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.07 1.09 0.00 | 36.27 0.43 0.00 | 51.26 0.71 0.00 | 69.59 -0.56 0.00 | 51.22 0.81 0.00 | 41.57 0.93 0.00 | 34.50 0.71 0.00 | 33.73 0.53 0.00 | 31.30 0.31 0.00 | 30.27 0.24 0.00 | 29.87 -0.03 0.00 | 31.52 -0.19 0.00 | 35.94 -1.30 0.00 | 50.47 -1.78 0.00 | 65.74 -1.75 0.00 | 66.33 -2.05 0.00 | 49.25 -1.01 0.00 | 42.42 -0.73 0.00 | 41.29 0.45 0.00 | 38.59 0.61 0.00 |

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|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| SAWYER___23_KV_LOAD 55526 | 35.63 0.07 0.00 | 35.65 0.84 0.00 | 35.01 0.48 0.00 | 34.81 0.68 0.00 | 35.07 1.09 0.00 | 36.27 0.43 0.00 | 51.26 0.71 0.00 | 69.59 -0.56 0.00 | 51.22 0.81 0.00 | 41.57 0.93 0.00 | 34.50 0.71 0.00 | 33.73 0.53 0.00 | 31.30 0.31 0.00 | 30.27 0.24 0.00 | 29.87 -0.03 0.00 | 31.52 -0.19 0.00 | 35.94 -1.30 0.00 | 50.47 -1.78 0.00 | 65.74 -1.75 0.00 | 66.33 -2.05 0.00 | 49.25 -1.01 0.00 | 42.42 -0.73 0.00 | 41.29 0.45 0.00 | 38.59 0.61 0.00 |
| SELKIRK___I 23801 | 36.14 0.64 0.05 | 35.34 0.52 0.00 | 35.08 0.55 0.00 | 34.67 0.54 0.00 | 34.46 0.48 0.00 | 36.52 0.68 0.00 | 51.31 0.76 0.00 | 71.34 1.19 0.00 | 50.87 0.45 0.00 | 40.88 0.25 0.00 | 33.92 0.20 0.08 | 33.26 0.23 0.17 | 31.16 0.28 0.11 | 30.24 0.30 0.09 | 30.18 0.36 0.09 | 32.06 0.35 0.00 | 37.80 0.56 0.00 | 52.98 0.73 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 50.96 0.70 0.00 | 43.81 0.65 0.00 | 41.49 0.65 0.00 | 38.56 0.57 0.00 |
| SELKIRK___II 23799 | 35.85 0.36 0.07 | 35.06 0.25 0.00 | 34.80 0.27 0.00 | 34.40 0.27 0.00 | 34.16 0.17 0.00 | 36.13 0.29 0.00 | 50.70 0.15 0.00 | 70.57 0.42 0.00 | 50.56 0.15 0.00 | 40.84 0.20 0.00 | 33.93 0.27 0.13 | 33.19 0.26 0.27 | 31.12 0.31 0.18 | 30.26 0.36 0.14 | 30.19 0.42 0.14 | 32.16 0.44 0.00 | 37.77 0.52 0.00 | 52.71 0.47 0.00 | 67.90 0.41 0.00 | 68.87 0.48 0.00 | 50.56 0.30 0.00 | 43.46 0.30 0.00 | 41.21 0.37 0.00 | 38.22 0.23 0.00 |
| SENECA OSWGO___HYD 24041 | 34.99 -0.57 0.00 | 34.33 -0.49 0.00 | 33.97 -0.55 0.00 | 33.61 -0.51 0.00 | 33.54 -0.44 0.00 | 35.31 -0.54 0.00 | 50.00 -0.55 0.00 | 69.31 -0.84 0.00 | 49.81 -0.60 0.00 | 40.03 -0.61 0.00 | 33.25 -0.54 0.00 | 32.63 -0.56 0.00 | 30.53 -0.46 0.00 | 29.52 -0.51 0.00 | 29.40 -0.51 0.00 | 31.18 -0.54 0.00 | 36.54 -0.71 0.00 | 51.36 -0.89 0.00 | 66.41 -1.08 0.00 | 67.22 -1.16 0.00 | 49.45 -0.81 0.00 | 42.47 -0.69 0.00 | 40.15 -0.69 0.00 | 37.45 -0.53 0.00 |
| SENECA___115KV_TB3 355854 | 35.74 0.18 0.00 | 35.62 0.80 0.00 | 35.08 0.55 0.00 | 34.94 0.82 0.00 | 35.21 1.22 0.00 | 36.52 0.68 0.00 | 51.76 1.21 0.00 | 70.22 0.07 0.00 | 51.57 1.16 0.00 | 41.85 1.22 0.00 | 34.74 0.94 0.00 | 33.96 0.76 0.00 | 31.46 0.47 0.00 | 30.36 0.33 0.00 | 30.05 0.15 0.00 | 31.75 0.03 0.00 | 36.13 -1.12 0.00 | 50.94 -1.30 0.00 | 66.41 -1.08 0.00 | 67.08 -1.30 0.00 | 49.70 -0.55 0.00 | 42.60 -0.56 0.00 | 40.23 -0.61 0.00 | 38.48 0.49 0.00 |
| SENECA___ENERGY 23797 | 35.52 -0.04 0.00 | 34.96 0.14 0.00 | 34.53 0.00 0.00 | 34.19 0.07 0.00 | 34.23 0.24 0.00 | 35.99 0.14 0.00 | 51.11 0.56 0.00 | 70.64 0.49 0.00 | 50.81 0.40 0.00 | 40.76 0.12 0.00 | 33.79 0.00 0.00 | 33.10 -0.10 0.00 | 30.93 -0.06 0.00 | 29.88 -0.15 0.00 | 29.70 -0.21 0.00 | 31.46 -0.25 0.00 | 36.80 -0.45 0.00 | 52.04 -0.21 0.00 | 67.70 0.20 0.00 | 68.45 0.07 0.00 | 50.31 0.05 0.00 | 43.11 -0.04 0.00 | 40.68 -0.16 0.00 | 38.14 0.15 0.00 |
| SHOEMAKER___GT 23640 | 37.25 1.49 -0.20 | 36.11 1.29 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.21 1.36 0.00 | 52.32 1.77 0.00 | 72.88 2.73 0.00 | 51.92 1.51 0.00 | 42.06 1.42 0.00 | 35.58 1.39 -0.40 | 35.39 1.36 -0.83 | 32.96 1.43 -0.54 | 31.92 1.47 -0.41 | 31.85 1.52 -0.42 | 33.30 1.59 0.00 | 39.22 1.97 0.00 | 54.54 2.30 0.00 | 70.33 2.83 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 44.84 1.68 0.00 | 42.56 1.72 0.00 | 39.47 1.48 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 37.25 1.49 -0.20 | 36.07 1.25 0.00 | 35.70 1.17 0.00 | 35.28 1.16 0.00 | 35.07 1.09 0.00 | 37.17 1.33 0.00 | 52.32 1.77 0.00 | 72.81 2.67 0.00 | 51.92 1.51 0.00 | 42.10 1.46 0.00 | 35.61 1.42 -0.39 | 35.41 1.39 -0.82 | 32.99 1.46 -0.54 | 31.91 1.47 -0.41 | 31.87 1.56 -0.41 | 33.33 1.62 0.00 | 39.22 1.97 0.00 | 54.49 2.25 0.00 | 70.26 2.77 0.00 | 71.26 2.87 0.00 | 52.16 1.91 0.00 | 44.75 1.60 0.00 | 42.27 1.43 0.00 | 39.39 1.41 0.00 |
| SHOREHAM_IC_1 23715 | 37.78 1.95 -0.27 | 36.35 1.53 0.00 | 35.73 1.21 0.00 | 35.28 1.16 0.00 | 34.94 0.95 0.00 | 37.32 1.47 0.00 | 49.67 -0.86 0.02 | 64.57 -0.84 4.74 | 47.96 -0.91 1.54 | 41.16 0.53 0.00 | 35.68 1.35 -0.53 | 35.94 1.63 -1.11 | 33.17 1.46 -0.73 | 32.24 1.65 -0.56 | 32.30 1.82 -0.57 | 33.66 1.93 -0.01 | 39.60 2.35 -0.01 | 52.71 0.47 0.00 | 62.30 -0.47 4.73 | 64.30 -0.20 3.88 | 48.47 -0.35 1.43 | 44.15 0.99 0.00 | 42.64 1.80 0.00 | 39.81 1.82 0.00 |
| SHOREHAM_IC_2 23716 | 37.78 1.96 -0.27 | 36.28 1.46 0.00 | 35.73 1.21 0.00 | 35.28 1.16 0.00 | 34.94 0.95 0.00 | 37.28 1.43 0.00 | 50.02 -0.51 0.02 | 64.78 -0.63 4.74 | 48.01 -0.86 1.54 | 41.49 0.85 0.00 | 36.05 1.72 -0.53 | 36.17 1.86 -1.11 | 33.55 1.83 -0.73 | 32.51 1.92 -0.56 | 32.47 2.00 -0.57 | 33.88 2.16 -0.01 | 39.56 2.31 -0.01 | 52.71 0.47 0.00 | 62.29 -0.47 4.73 | 64.30 -0.21 3.88 | 48.47 -0.35 1.43 | 43.33 0.17 0.00 | 41.01 0.16 0.00 | 39.24 1.25 0.00 |
| SISSONVILLE____ 23735 | 36.34 0.78 0.00 | 35.62 0.80 0.00 | 35.29 0.76 0.00 | 34.81 0.68 0.00 | 34.73 0.75 0.00 | 36.63 0.79 0.00 | 51.66 1.11 0.00 | 71.55 1.40 0.00 | 51.17 0.76 0.00 | 41.20 0.57 0.00 | 34.13 0.34 0.00 | 33.60 0.40 0.00 | 31.15 0.15 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.78 0.06 0.00 | 37.50 0.26 0.00 | 53.13 0.89 0.00 | 68.71 1.21 0.00 | 69.75 1.37 0.00 | 51.66 1.41 0.00 | 44.45 1.29 0.00 | 41.86 1.02 0.00 | 38.78 0.80 0.00 |
| SITHE_IND_GS1 24169 | 34.56 -1.00 0.00 | 33.91 -0.91 0.00 | 33.60 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.15 -1.26 0.00 | 39.54 -1.10 0.00 | 32.88 -0.91 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 37.00 -0.99 0.00 |
| SITHE_IND_GS2 24170 | 34.56 -1.00 0.00 | 33.91 -0.91 0.00 | 33.60 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.15 -1.26 0.00 | 39.54 -1.10 0.00 | 32.88 -0.91 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 37.00 -0.99 0.00 |
| SITHE_IND_GS3 24171 | 34.56 -1.00 0.00 | 33.91 -0.91 0.00 | 33.60 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.15 -1.26 0.00 | 39.54 -1.10 0.00 | 32.88 -0.91 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 37.00 -0.99 0.00 |
| SITHE_IND_GS4 24172 | 34.56 -1.00 0.00 | 33.91 -0.91 0.00 | 33.60 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.15 -1.26 0.00 | 39.54 -1.10 0.00 | 32.88 -0.91 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.10 -0.81 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.99 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.66 -1.19 0.00 | 37.00 -0.99 0.00 |

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| SITHE___BATAVIA 24024 | 36.23 0.67 0.00 | 36.07 1.25 0.00 | 35.53 1.00 0.00 | 35.25 1.12 0.00 | 35.55 1.56 0.00 | 36.78 0.93 0.00 | 52.32 1.77 0.00 | 71.41 1.26 0.00 | 52.18 1.76 0.00 | 42.22 1.58 0.00 | 34.91 1.11 0.00 | 34.13 0.93 0.00 | 31.61 0.62 0.00 | 30.48 0.45 0.00 | 30.20 0.30 0.00 | 31.91 0.19 0.00 | 36.50 -0.74 0.00 | 51.77 -0.47 0.00 | 67.50 0.00 0.00 | 68.18 -0.20 0.00 | 50.56 0.30 0.00 | 43.33 0.17 0.00 | 40.84 0.00 0.00 | 38.94 0.95 0.00 |
| SITHE___INDEPEND 23800 | 34.56 -1.00 0.00 | 33.91 -0.91 0.00 | 33.59 -0.93 0.00 | 33.20 -0.92 0.00 | 33.14 -0.85 0.00 | 34.88 -0.97 0.00 | 49.29 -1.26 0.00 | 68.32 -1.82 0.00 | 49.15 -1.26 0.00 | 39.54 -1.10 0.00 | 32.85 -0.95 0.00 | 32.27 -0.93 0.00 | 30.19 -0.81 0.00 | 29.22 -0.81 0.00 | 29.07 -0.84 0.00 | 30.83 -0.89 0.00 | 36.16 -1.08 0.00 | 50.78 -1.46 0.00 | 65.61 -1.89 0.00 | 66.40 -1.98 0.00 | 48.85 -1.41 0.00 | 41.95 -1.21 0.00 | 39.78 -1.06 0.00 | 37.00 -0.99 0.00 |
| SITHE___MASSENA 23902 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.05 0.52 0.00 | 34.60 0.48 0.00 | 34.46 0.48 0.00 | 36.31 0.46 0.00 | 51.26 0.71 0.00 | 70.92 0.77 0.00 | 51.02 0.61 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.57 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.51 0.26 0.00 | 52.92 0.68 0.00 | 68.57 1.08 0.00 | 69.55 1.16 0.00 | 51.16 0.91 0.00 | 43.85 0.69 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| SITHE___OGDNSBRG 24021 | 36.59 1.03 0.00 | 35.90 1.08 0.00 | 35.56 1.04 0.00 | 35.08 0.96 0.00 | 35.01 1.02 0.00 | 36.99 1.15 0.00 | 52.27 1.72 0.00 | 72.32 2.17 0.00 | 51.67 1.26 0.00 | 41.37 0.73 0.00 | 34.27 0.47 0.00 | 33.70 0.50 0.00 | 31.27 0.28 0.00 | 30.24 0.21 0.00 | 30.05 0.15 0.00 | 31.94 0.22 0.00 | 37.73 0.48 0.00 | 53.71 1.46 0.00 | 69.79 2.29 0.00 | 70.85 2.46 0.00 | 52.27 2.01 0.00 | 44.80 1.64 0.00 | 42.19 1.35 0.00 | 39.09 1.10 0.00 |
| SITHE___STERLING 23777 | 36.27 0.71 0.00 | 35.48 0.66 0.00 | 35.22 0.69 0.00 | 34.77 0.65 0.00 | 34.70 0.71 0.00 | 36.70 0.86 0.00 | 52.07 1.52 0.00 | 72.32 2.18 0.00 | 51.62 1.21 0.00 | 41.28 0.65 0.00 | 34.27 0.47 0.00 | 33.57 0.37 0.00 | 31.37 0.37 0.00 | 30.27 0.24 0.00 | 30.14 0.24 0.00 | 31.94 0.22 0.00 | 37.62 0.37 0.00 | 53.39 1.15 0.00 | 69.38 1.89 0.00 | 70.30 1.91 0.00 | 51.61 1.36 0.00 | 44.24 1.08 0.00 | 41.78 0.94 0.00 | 38.82 0.83 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 35.31 -0.25 0.00 | 34.85 0.03 0.00 | 34.39 -0.14 0.00 | 33.99 -0.14 0.00 | 34.09 0.10 0.00 | 35.70 -0.14 0.00 | 50.80 0.25 0.00 | 70.15 0.00 0.00 | 50.66 0.25 0.00 | 40.76 0.12 0.00 | 33.69 -0.10 0.00 | 33.03 -0.17 0.00 | 30.84 -0.15 0.00 | 29.79 -0.24 0.00 | 29.52 -0.39 0.00 | 31.27 -0.44 0.00 | 36.46 -0.78 0.00 | 51.62 -0.63 0.00 | 67.02 -0.47 0.00 | 67.84 -0.55 0.00 | 50.00 -0.25 0.00 | 42.90 -0.26 0.00 | 40.88 0.04 0.00 | 37.99 0.00 0.00 |
| SMITHTWN_69_KV_BK 1 55830 | 38.32 2.49 -0.27 | 36.77 1.95 0.00 | 36.25 1.73 0.00 | 35.80 1.67 0.00 | 35.45 1.46 0.00 | 37.78 1.94 0.00 | 50.62 0.10 0.03 | 62.66 0.14 7.63 | 48.13 -0.20 2.08 | 42.14 1.50 0.00 | 36.62 2.30 -0.53 | 36.73 2.42 -1.11 | 34.07 2.36 -0.73 | 33.02 2.43 -0.56 | 32.95 2.48 -0.57 | 34.36 2.63 -0.01 | 40.08 2.83 -0.01 | 53.34 1.10 0.00 | 60.02 0.13 7.61 | 62.48 0.34 6.25 | 48.21 0.25 2.30 | 43.85 0.69 0.00 | 41.58 0.74 0.00 | 39.77 1.79 0.00 |
| SOUTH CAIRO___GT 23612 | 37.09 1.53 0.00 | 35.90 1.08 0.00 | 35.67 1.14 0.00 | 35.25 1.13 0.00 | 34.97 0.99 0.00 | 37.57 1.72 0.00 | 53.18 2.63 0.00 | 73.86 3.72 0.00 | 52.03 1.61 0.00 | 41.24 0.61 0.00 | 34.54 0.74 0.00 | 33.73 0.53 0.00 | 31.58 0.59 0.00 | 30.66 0.63 0.00 | 30.65 0.75 0.00 | 32.19 0.48 0.00 | 37.99 0.74 0.00 | 53.92 1.67 0.00 | 69.99 2.50 0.00 | 70.98 2.60 0.00 | 52.11 1.86 0.00 | 44.71 1.55 0.00 | 42.11 1.27 0.00 | 39.09 1.10 0.00 |
| SOUTH HAMPTN___IC 23720 | 37.96 2.13 -0.27 | 36.49 1.67 0.00 | 35.91 1.38 0.00 | 35.42 1.30 0.00 | 35.07 1.09 0.00 | 37.49 1.65 0.00 | 49.82 -0.71 0.02 | 65.10 -0.63 4.41 | 48.12 -0.81 1.48 | 41.25 0.61 0.00 | 35.85 1.52 -0.53 | 36.10 1.79 -1.11 | 33.30 1.58 -0.73 | 32.36 1.77 -0.56 | 32.41 1.94 -0.57 | 33.82 2.09 -0.01 | 39.71 2.46 -0.01 | 53.03 0.78 0.00 | 62.96 -0.13 4.40 | 64.91 0.14 3.61 | 48.77 -0.15 1.33 | 44.32 1.17 0.00 | 42.76 1.92 0.00 | 40.00 2.01 0.00 |
| SOUTHDOW_115KV_TB1 355954 | 36.20 0.64 0.00 | 36.24 1.43 0.00 | 35.56 1.04 0.00 | 35.42 1.30 0.00 | 35.68 1.70 0.00 | 37.21 1.36 0.00 | 53.33 2.78 0.00 | 72.60 2.46 0.00 | 53.03 2.62 0.00 | 42.83 2.19 0.00 | 35.32 1.52 0.00 | 34.53 1.33 0.00 | 32.14 1.15 0.00 | 31.05 1.02 0.00 | 30.53 0.63 0.00 | 32.22 0.51 0.00 | 36.98 -0.26 0.00 | 52.30 0.05 0.00 | 68.64 1.15 0.00 | 69.41 1.03 0.00 | 51.21 0.95 0.00 | 43.93 0.78 0.00 | 42.39 1.55 0.00 | 39.51 1.52 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 37.78 1.96 -0.27 | 36.24 1.43 0.00 | 35.73 1.21 0.00 | 35.25 1.13 0.00 | 34.90 0.92 0.00 | 37.31 1.47 0.00 | 49.72 -0.81 0.02 | 64.82 -0.91 4.42 | 47.77 -1.16 1.48 | 41.12 0.49 0.00 | 35.98 1.66 -0.53 | 36.14 1.83 -1.11 | 33.45 1.74 -0.73 | 32.45 1.86 -0.56 | 32.44 1.97 -0.57 | 33.88 2.16 -0.01 | 39.41 2.16 -0.01 | 52.77 0.52 0.00 | 62.55 -0.54 4.41 | 64.56 -0.21 3.62 | 48.47 -0.45 1.34 | 43.20 0.04 0.00 | 40.80 -0.04 0.00 | 39.28 1.29 0.00 |
| SOUTHOLD___IC 23719 | 37.78 1.95 -0.27 | 36.31 1.50 0.00 | 35.73 1.21 0.00 | 35.25 1.12 0.00 | 34.90 0.92 0.00 | 37.35 1.51 0.00 | 49.42 -1.11 0.02 | 64.60 -1.13 4.42 | 47.67 -1.26 1.48 | 40.84 0.20 0.00 | 35.64 1.32 -0.53 | 35.90 1.59 -1.11 | 33.11 1.40 -0.73 | 32.18 1.59 -0.56 | 32.26 1.79 -0.57 | 33.66 1.93 -0.01 | 39.45 2.20 -0.01 | 52.77 0.52 0.00 | 62.54 -0.54 4.41 | 64.56 -0.20 3.62 | 48.47 -0.45 1.34 | 44.06 0.91 0.00 | 42.43 1.59 0.00 | 39.85 1.86 0.00 |
| SOUTH_FORK_WT_PWR 323839 | 37.39 1.56 -0.27 | 35.93 1.11 0.00 | 35.32 0.79 0.00 | 34.87 0.75 0.00 | 34.50 0.51 0.00 | 36.92 1.07 0.00 | 48.61 -1.92 0.02 | 63.56 -2.18 4.41 | 46.91 -2.02 1.48 | 40.19 -0.45 0.00 | 35.20 0.88 -0.53 | 35.47 1.16 -1.11 | 32.71 0.99 -0.73 | 31.79 1.20 -0.56 | 31.88 1.41 -0.57 | 33.28 1.55 -0.01 | 38.89 1.64 -0.01 | 51.98 -0.26 0.00 | 61.54 -1.55 4.41 | 63.54 -1.23 3.62 | 47.71 -1.21 1.34 | 43.42 0.26 0.00 | 41.82 0.98 0.00 | 39.39 1.41 0.00 |
| SPIERFLS_115KV_TB 1 80737 | 36.20 0.75 0.11 | 35.51 0.70 0.00 | 35.25 0.73 0.00 | 34.91 0.78 0.00 | 34.70 0.71 0.00 | 36.71 0.86 0.00 | 51.81 1.26 0.00 | 72.11 1.96 0.00 | 51.27 0.86 0.00 | 40.88 0.24 0.00 | 33.76 0.17 0.20 | 32.84 0.07 0.42 | 30.71 0.00 0.28 | 29.79 -0.03 0.21 | 29.75 0.06 0.21 | 31.91 0.19 0.00 | 37.62 0.37 0.00 | 53.08 0.84 0.00 | 68.98 1.48 0.00 | 70.10 1.71 0.00 | 51.46 1.21 0.00 | 44.15 0.99 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| ST LAWRENCE____ 23600 | 35.63 0.07 0.00 | 34.92 0.10 0.00 | 34.63 0.10 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.15 0.00 0.00 | 50.51 0.10 0.00 | 40.68 0.04 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.93 -0.06 0.00 | 29.94 -0.09 0.00 | 29.78 -0.12 0.00 | 31.62 -0.09 0.00 | 37.21 -0.04 0.00 | 52.35 0.10 0.00 | 67.77 0.27 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |

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| STATE_CA_115KV_115_LB 55624 | 35.77 0.32 0.10 | 35.03 0.21 0.00 | 34.77 0.24 0.00 | 34.29 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.72 0.08 0.00 | 33.83 0.24 0.20 | 32.98 0.20 0.42 | 30.93 0.22 0.28 | 30.12 0.30 0.21 | 30.05 0.36 0.21 | 32.13 0.41 0.00 | 37.73 0.48 0.00 | 52.66 0.42 0.00 | 67.97 0.47 0.00 | 68.86 0.48 0.00 | 50.56 0.30 0.00 | 43.42 0.26 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| STATE_ST_34_KV_LOAD 55959 | 35.52 -0.04 0.00 | 34.92 0.10 0.00 | 34.53 0.00 0.00 | 34.12 0.00 0.00 | 34.12 0.14 0.00 | 35.92 0.07 0.00 | 51.01 0.45 0.00 | 70.64 0.49 0.00 | 50.71 0.30 0.00 | 40.63 0.00 0.00 | 33.69 -0.10 0.00 | 33.03 -0.17 0.00 | 30.90 -0.09 0.00 | 29.88 -0.15 0.00 | 29.69 -0.21 0.00 | 31.49 -0.22 0.00 | 36.95 -0.30 0.00 | 52.19 -0.05 0.00 | 67.83 0.34 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 41.05 0.20 0.00 | 38.14 0.15 0.00 |
| STATION_5_MISC_HYD 23604 | 35.74 0.18 0.00 | 35.30 0.49 0.00 | 34.87 0.35 0.00 | 34.53 0.41 0.00 | 34.63 0.64 0.00 | 36.17 0.32 0.00 | 51.41 0.86 0.00 | 70.64 0.49 0.00 | 51.27 0.86 0.00 | 41.45 0.81 0.00 | 34.30 0.51 0.00 | 33.60 0.40 0.00 | 31.27 0.28 0.00 | 30.21 0.18 0.00 | 29.96 0.06 0.00 | 31.72 0.00 0.00 | 36.69 -0.56 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.11 -0.27 0.00 | 50.31 0.05 0.00 | 43.16 0.00 0.00 | 40.68 -0.16 0.00 | 38.33 0.34 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 35.56 0.00 0.00 | 35.13 0.31 0.00 | 34.63 0.10 0.00 | 34.26 0.14 0.00 | 34.36 0.37 0.00 | 35.95 0.11 0.00 | 51.16 0.61 0.00 | 70.64 0.49 0.00 | 50.97 0.55 0.00 | 41.00 0.37 0.00 | 33.93 0.14 0.00 | 33.27 0.07 0.00 | 31.02 0.03 0.00 | 30.00 -0.03 0.00 | 29.72 -0.18 0.00 | 31.49 -0.22 0.00 | 36.69 -0.56 0.00 | 51.93 -0.31 0.00 | 67.50 0.00 0.00 | 68.25 -0.14 0.00 | 50.31 0.05 0.00 | 43.16 0.00 0.00 | 41.13 0.29 0.00 | 38.25 0.27 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 35.49 -0.07 0.00 | 35.09 0.28 0.00 | 34.60 0.07 0.00 | 34.26 0.14 0.00 | 34.36 0.37 0.00 | 35.88 0.04 0.00 | 50.96 0.40 0.00 | 70.15 0.00 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.00 0.20 0.00 | 33.30 0.10 0.00 | 31.05 0.06 0.00 | 30.00 -0.03 0.00 | 29.72 -0.18 0.00 | 31.46 -0.25 0.00 | 36.50 -0.74 0.00 | 51.62 -0.63 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 41.09 0.25 0.00 | 38.18 0.19 0.00 |
| STA_56___34_KV_BUS2 355983 | 35.49 -0.07 0.00 | 35.09 0.28 0.00 | 34.60 0.07 0.00 | 34.26 0.14 0.00 | 34.36 0.37 0.00 | 35.88 0.04 0.00 | 50.96 0.40 0.00 | 70.15 0.00 0.00 | 50.92 0.50 0.00 | 41.08 0.45 0.00 | 34.00 0.20 0.00 | 33.30 0.10 0.00 | 31.05 0.06 0.00 | 30.00 -0.03 0.00 | 29.72 -0.18 0.00 | 31.46 -0.25 0.00 | 36.50 -0.74 0.00 | 51.62 -0.63 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 41.09 0.25 0.00 | 38.18 0.19 0.00 |
| STA_67___115KV_BK2 355882 | 35.70 0.14 0.00 | 35.34 0.52 0.00 | 34.80 0.28 0.00 | 34.47 0.34 0.00 | 34.60 0.61 0.00 | 36.10 0.25 0.00 | 51.26 0.71 0.00 | 70.50 0.35 0.00 | 51.17 0.76 0.00 | 41.33 0.69 0.00 | 34.20 0.41 0.00 | 33.50 0.30 0.00 | 31.21 0.22 0.00 | 30.18 0.15 0.00 | 29.87 -0.03 0.00 | 31.62 -0.10 0.00 | 36.61 -0.63 0.00 | 51.77 -0.47 0.00 | 67.16 -0.34 0.00 | 67.91 -0.48 0.00 | 50.20 -0.05 0.00 | 43.11 -0.04 0.00 | 41.33 0.49 0.00 | 38.40 0.42 0.00 |
| STA_7___115KV_9TRANS 80674 | 35.88 0.32 0.00 | 35.55 0.73 0.00 | 35.01 0.48 0.00 | 34.64 0.51 0.00 | 34.77 0.78 0.00 | 36.27 0.43 0.00 | 51.61 1.06 0.00 | 70.92 0.77 0.00 | 51.52 1.11 0.00 | 41.57 0.93 0.00 | 34.40 0.61 0.00 | 33.70 0.50 0.00 | 31.39 0.40 0.00 | 30.33 0.30 0.00 | 30.05 0.15 0.00 | 31.78 0.06 0.00 | 36.83 -0.41 0.00 | 52.19 -0.05 0.00 | 67.63 0.13 0.00 | 68.39 0.00 0.00 | 50.61 0.35 0.00 | 43.42 0.26 0.00 | 41.58 0.74 0.00 | 38.63 0.65 0.00 |
| STA_82___115KV_TB1 80780 | 35.70 0.14 0.00 | 35.34 0.52 0.00 | 34.84 0.31 0.00 | 34.47 0.34 0.00 | 34.60 0.61 0.00 | 36.10 0.25 0.00 | 51.26 0.71 0.00 | 70.50 0.35 0.00 | 51.22 0.81 0.00 | 41.33 0.69 0.00 | 34.23 0.44 0.00 | 33.50 0.30 0.00 | 31.21 0.22 0.00 | 30.18 0.15 0.00 | 29.87 -0.03 0.00 | 31.62 -0.10 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 67.16 -0.34 0.00 | 67.98 -0.41 0.00 | 50.20 -0.05 0.00 | 43.11 -0.04 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| STEEL___WIND 323596 | 35.74 0.18 0.00 | 35.58 0.76 0.00 | 35.05 0.52 0.00 | 34.91 0.79 0.00 | 35.17 1.19 0.00 | 36.49 0.65 0.00 | 51.71 1.16 0.00 | 70.22 0.07 0.00 | 51.52 1.11 0.00 | 41.81 1.18 0.00 | 34.71 0.91 0.00 | 33.93 0.73 0.00 | 31.43 0.43 0.00 | 30.33 0.30 0.00 | 30.02 0.12 0.00 | 31.72 0.00 0.00 | 36.13 -1.12 0.00 | 50.89 -1.36 0.00 | 66.41 -1.08 0.00 | 67.02 -1.37 0.00 | 49.65 -0.60 0.00 | 42.55 -0.60 0.00 | 40.19 -0.66 0.00 | 38.48 0.49 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 35.99 0.53 0.10 | 35.20 0.38 0.00 | 34.98 0.45 0.00 | 34.53 0.41 0.00 | 34.29 0.31 0.00 | 36.31 0.47 0.00 | 50.96 0.40 0.00 | 71.06 0.91 0.00 | 50.82 0.40 0.00 | 40.96 0.33 0.00 | 33.97 0.37 0.20 | 33.12 0.33 0.41 | 31.06 0.34 0.27 | 30.18 0.36 0.21 | 30.14 0.45 0.21 | 32.22 0.51 0.00 | 37.88 0.63 0.00 | 52.98 0.73 0.00 | 68.37 0.88 0.00 | 69.34 0.96 0.00 | 50.91 0.65 0.00 | 43.72 0.56 0.00 | 41.21 0.37 0.00 | 38.29 0.30 0.00 |
| STEUBEN_REC_LFGE 323667 | 35.56 0.00 0.00 | 35.27 0.45 0.00 | 34.66 0.14 0.00 | 34.40 0.27 0.00 | 34.67 0.68 0.00 | 36.17 0.32 0.00 | 51.71 1.16 0.00 | 70.71 0.56 0.00 | 51.17 0.76 0.00 | 40.72 0.08 0.00 | 33.56 -0.24 0.00 | 32.83 -0.37 0.00 | 30.59 -0.40 0.00 | 29.55 -0.48 0.00 | 29.16 -0.75 0.00 | 30.86 -0.86 0.00 | 35.79 -1.45 0.00 | 51.25 -0.99 0.00 | 67.56 0.07 0.00 | 68.18 -0.21 0.00 | 50.31 0.05 0.00 | 43.20 0.04 0.00 | 41.45 0.61 0.00 | 38.75 0.76 0.00 |
| STILLWATER___SOLAR 323814 | 36.47 1.03 0.12 | 35.76 0.94 0.00 | 35.46 0.93 0.00 | 35.11 0.99 0.00 | 34.90 0.92 0.00 | 36.96 1.11 0.00 | 52.07 1.52 0.00 | 72.46 2.31 0.00 | 51.67 1.26 0.00 | 41.37 0.73 0.00 | 34.14 0.57 0.23 | 33.19 0.46 0.47 | 31.11 0.43 0.31 | 30.21 0.42 0.24 | 30.17 0.51 0.24 | 32.35 0.63 0.00 | 38.14 0.89 0.00 | 53.60 1.36 0.00 | 69.45 1.96 0.00 | 70.57 2.19 0.00 | 51.81 1.56 0.00 | 44.50 1.34 0.00 | 42.07 1.22 0.00 | 38.97 0.99 0.00 |
| STONY___BROOK 24151 | 38.25 2.42 -0.27 | 36.80 1.98 0.00 | 36.22 1.69 0.00 | 35.73 1.60 0.00 | 35.41 1.43 0.00 | 37.78 1.93 0.00 | 50.37 -0.15 0.03 | 63.95 -0.14 6.06 | 48.38 -0.25 1.78 | 41.81 1.18 0.00 | 36.25 1.93 -0.53 | 36.47 2.16 -1.11 | 33.70 1.99 -0.73 | 32.72 2.13 -0.56 | 32.74 2.27 -0.57 | 34.11 2.38 -0.01 | 40.08 2.83 -0.01 | 53.23 0.99 0.00 | 61.25 -0.20 6.04 | 63.43 0.00 4.96 | 48.53 0.10 1.83 | 44.67 1.51 0.00 | 43.17 2.33 0.00 | 40.30 2.32 0.00 |
| STURGEON_POOL_HYD 23609 | 37.40 1.67 -0.17 | 36.10 1.29 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.21 1.36 0.00 | 52.22 1.67 0.00 | 72.81 2.67 0.00 | 51.82 1.41 0.00 | 42.06 1.42 0.00 | 35.69 1.55 -0.34 | 35.43 1.53 -0.71 | 33.07 1.61 -0.47 | 32.04 1.65 -0.35 | 32.03 1.76 -0.36 | 33.40 1.68 0.00 | 39.37 2.12 0.00 | 54.54 2.30 0.00 | 70.20 2.70 0.00 | 71.12 2.74 0.00 | 52.11 1.86 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |

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| ST_LAW_115_BK7_LBMP 345037 | 35.66 0.11 0.00 | 34.96 0.14 0.00 | 34.67 0.14 0.00 | 34.19 0.07 0.00 | 34.09 0.10 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.15 0.00 0.00 | 50.51 0.10 0.00 | 40.68 0.04 0.00 | 33.79 0.00 0.00 | 33.27 0.07 0.00 | 30.90 -0.09 0.00 | 29.94 -0.09 0.00 | 29.78 -0.12 0.00 | 31.62 -0.09 0.00 | 37.21 -0.04 0.00 | 52.35 0.10 0.00 | 67.77 0.27 0.00 | 68.73 0.34 0.00 | 50.51 0.25 0.00 | 43.33 0.17 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| ST_LAW_115_BK8_LBMP 345038 | 35.66 0.11 0.00 | 34.96 0.14 0.00 | 34.67 0.14 0.00 | 34.19 0.07 0.00 | 34.09 0.10 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.15 0.00 0.00 | 50.51 0.10 0.00 | 40.68 0.04 0.00 | 33.79 0.00 0.00 | 33.27 0.07 0.00 | 30.90 -0.09 0.00 | 29.94 -0.09 0.00 | 29.78 -0.12 0.00 | 31.62 -0.09 0.00 | 37.21 -0.04 0.00 | 52.35 0.10 0.00 | 67.77 0.27 0.00 | 68.73 0.34 0.00 | 50.51 0.25 0.00 | 43.33 0.17 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 35.63 0.07 0.00 | 34.92 0.10 0.00 | 34.63 0.10 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.15 0.00 0.00 | 50.51 0.10 0.00 | 40.68 0.04 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.93 -0.06 0.00 | 29.94 -0.09 0.00 | 29.78 -0.12 0.00 | 31.62 -0.09 0.00 | 37.21 -0.04 0.00 | 52.35 0.10 0.00 | 67.77 0.27 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 35.63 0.07 0.00 | 34.92 0.10 0.00 | 34.63 0.10 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.15 0.00 0.00 | 50.51 0.10 0.00 | 40.68 0.04 0.00 | 33.79 0.00 0.00 | 33.23 0.03 0.00 | 30.93 -0.06 0.00 | 29.94 -0.09 0.00 | 29.78 -0.12 0.00 | 31.62 -0.09 0.00 | 37.21 -0.04 0.00 | 52.35 0.10 0.00 | 67.77 0.27 0.00 | 68.66 0.27 0.00 | 50.46 0.20 0.00 | 43.29 0.13 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 37.37 1.60 -0.21 | 36.14 1.32 0.00 | 35.73 1.21 0.00 | 35.32 1.19 0.00 | 35.11 1.12 0.00 | 37.24 1.40 0.00 | 52.37 1.82 0.00 | 72.95 2.81 0.00 | 52.03 1.61 0.00 | 42.26 1.63 0.00 | 35.76 1.55 -0.41 | 35.62 1.56 -0.86 | 33.17 1.61 -0.57 | 32.11 1.65 -0.43 | 32.07 1.73 -0.44 | 33.52 1.81 0.00 | 39.44 2.20 0.00 | 54.70 2.46 0.00 | 70.47 2.97 0.00 | 71.39 3.01 0.00 | 52.21 1.96 0.00 | 44.84 1.68 0.00 | 42.35 1.51 0.00 | 39.47 1.48 0.00 |
| SWANROAD_115KV_TB1 355699 | 35.20 -0.36 0.00 | 35.27 0.45 0.00 | 34.66 0.14 0.00 | 34.43 0.31 0.00 | 34.73 0.75 0.00 | 35.70 -0.14 0.00 | 50.40 -0.15 0.00 | 68.32 -1.82 0.00 | 50.41 0.00 0.00 | 40.96 0.33 0.00 | 34.03 0.24 0.00 | 33.23 0.03 0.00 | 30.81 -0.19 0.00 | 29.82 -0.21 0.00 | 29.43 -0.48 0.00 | 31.05 -0.67 0.00 | 35.31 -1.94 0.00 | 49.53 -2.72 0.00 | 64.46 -3.04 0.00 | 65.03 -3.35 0.00 | 48.40 -1.86 0.00 | 41.69 -1.47 0.00 | 40.68 -0.16 0.00 | 37.99 0.00 0.00 |
| SYNERGY___BIOGAS 323694 | 36.23 0.68 0.00 | 36.21 1.39 0.00 | 35.56 1.04 0.00 | 35.25 1.13 0.00 | 35.55 1.56 0.00 | 36.74 0.90 0.00 | 52.32 1.77 0.00 | 71.41 1.26 0.00 | 52.18 1.76 0.00 | 42.18 1.54 0.00 | 34.84 1.05 0.00 | 34.03 0.83 0.00 | 31.61 0.62 0.00 | 30.54 0.51 0.00 | 30.14 0.24 0.00 | 31.84 0.13 0.00 | 36.50 -0.74 0.00 | 51.77 -0.47 0.00 | 67.43 -0.07 0.00 | 68.18 -0.21 0.00 | 50.56 0.30 0.00 | 43.46 0.30 0.00 | 42.07 1.23 0.00 | 39.16 1.18 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 35.34 -0.21 0.00 | 34.68 -0.14 0.00 | 34.32 -0.21 0.00 | 33.92 -0.20 0.00 | 33.88 -0.10 0.00 | 35.67 -0.18 0.00 | 50.55 0.00 0.00 | 70.08 -0.07 0.00 | 50.36 -0.05 0.00 | 40.43 -0.20 0.00 | 33.56 -0.24 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.43 -0.29 0.00 | 36.87 -0.37 0.00 | 51.93 -0.31 0.00 | 67.29 -0.20 0.00 | 68.04 -0.34 0.00 | 50.05 -0.20 0.00 | 42.98 -0.17 0.00 | 40.76 -0.08 0.00 | 37.87 -0.11 0.00 |
| SYRACUSE___POWER 24017 | 35.27 -0.28 0.00 | 34.64 -0.17 0.00 | 34.28 -0.24 0.00 | 33.89 -0.24 0.00 | 33.85 -0.14 0.00 | 35.63 -0.22 0.00 | 50.45 -0.10 0.00 | 69.94 -0.21 0.00 | 50.26 -0.15 0.00 | 40.35 -0.28 0.00 | 33.52 -0.27 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.40 -0.32 0.00 | 36.83 -0.41 0.00 | 51.83 -0.42 0.00 | 67.16 -0.34 0.00 | 67.98 -0.41 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 40.68 -0.16 0.00 | 37.83 -0.15 0.00 |
| TALLMAN__138KV_BK151 55660 | 37.41 1.64 -0.22 | 36.17 1.36 0.00 | 35.73 1.21 0.00 | 35.35 1.23 0.00 | 35.14 1.16 0.00 | 37.31 1.47 0.00 | 52.37 1.82 0.00 | 73.02 2.88 0.00 | 52.08 1.66 0.00 | 42.38 1.75 0.00 | 35.95 1.72 -0.43 | 35.86 1.76 -0.90 | 33.38 1.80 -0.59 | 32.31 1.83 -0.45 | 32.27 1.91 -0.46 | 33.71 2.00 0.00 | 39.63 2.38 0.00 | 54.81 2.56 0.00 | 70.53 3.04 0.00 | 71.53 3.15 0.00 | 52.27 2.01 0.00 | 44.88 1.73 0.00 | 42.39 1.55 0.00 | 39.54 1.56 0.00 |
| TEALLAVE_115KV_TB7 355573 | 35.20 -0.36 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.82 -0.31 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.30 -0.25 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.27 -0.37 0.00 | 33.46 -0.34 0.00 | 32.83 -0.37 0.00 | 30.71 -0.28 0.00 | 29.73 -0.30 0.00 | 29.55 -0.36 0.00 | 31.33 -0.38 0.00 | 36.76 -0.48 0.00 | 51.67 -0.57 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.75 -0.50 0.00 | 42.73 -0.43 0.00 | 40.56 -0.29 0.00 | 37.72 -0.27 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 35.81 0.25 0.00 | 35.83 1.01 0.00 | 35.18 0.66 0.00 | 34.94 0.82 0.00 | 35.21 1.22 0.00 | 36.35 0.50 0.00 | 51.51 0.96 0.00 | 70.15 0.00 0.00 | 51.47 1.06 0.00 | 41.73 1.10 0.00 | 34.57 0.78 0.00 | 33.76 0.56 0.00 | 31.33 0.34 0.00 | 30.27 0.24 0.00 | 29.87 -0.03 0.00 | 31.56 -0.16 0.00 | 36.01 -1.23 0.00 | 50.83 -1.41 0.00 | 66.21 -1.28 0.00 | 66.88 -1.50 0.00 | 49.65 -0.60 0.00 | 42.73 -0.43 0.00 | 41.50 0.65 0.00 | 38.71 0.72 0.00 |
| TEMPLE___115KV_TB 2 55572 | 35.20 -0.36 0.00 | 34.54 -0.28 0.00 | 34.18 -0.35 0.00 | 33.82 -0.31 0.00 | 33.75 -0.24 0.00 | 35.52 -0.32 0.00 | 50.30 -0.25 0.00 | 69.73 -0.42 0.00 | 50.11 -0.30 0.00 | 40.27 -0.37 0.00 | 33.46 -0.34 0.00 | 32.83 -0.37 0.00 | 30.71 -0.28 0.00 | 29.73 -0.30 0.00 | 29.58 -0.33 0.00 | 31.37 -0.35 0.00 | 36.76 -0.48 0.00 | 51.67 -0.57 0.00 | 66.89 -0.61 0.00 | 67.70 -0.68 0.00 | 49.80 -0.45 0.00 | 42.73 -0.43 0.00 | 40.60 -0.25 0.00 | 37.72 -0.27 0.00 |
| TIANA____69_KV_BK 1 55817 | 38.00 2.17 -0.27 | 36.49 1.67 0.00 | 35.94 1.42 0.00 | 35.49 1.36 0.00 | 35.14 1.16 0.00 | 37.53 1.68 0.00 | 50.28 -0.25 0.02 | 65.52 -0.21 4.42 | 48.37 -0.55 1.48 | 41.69 1.06 0.00 | 36.25 1.93 -0.53 | 36.40 2.09 -1.11 | 33.73 2.01 -0.73 | 32.69 2.10 -0.56 | 32.65 2.18 -0.57 | 34.11 2.38 -0.01 | 39.79 2.53 -0.01 | 53.13 0.89 0.00 | 63.09 0.00 4.41 | 65.04 0.27 3.62 | 48.92 0.00 1.34 | 43.59 0.43 0.00 | 41.25 0.41 0.00 | 39.47 1.48 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TILDEN___115KV_TB1 80814 | 35.27 -0.28 0.00 | 34.64 -0.17 0.00 | 34.28 -0.24 0.00 | 33.89 -0.24 0.00 | 33.85 -0.14 0.00 | 35.63 -0.22 0.00 | 50.45 -0.10 0.00 | 69.94 -0.21 0.00 | 50.26 -0.15 0.00 | 40.35 -0.28 0.00 | 33.52 -0.27 0.00 | 32.90 -0.30 0.00 | 30.77 -0.22 0.00 | 29.79 -0.24 0.00 | 29.60 -0.30 0.00 | 31.40 -0.32 0.00 | 36.83 -0.41 0.00 | 51.83 -0.42 0.00 | 67.16 -0.34 0.00 | 67.98 -0.41 0.00 | 49.95 -0.30 0.00 | 42.90 -0.26 0.00 | 40.68 -0.16 0.00 | 37.83 -0.15 0.00 |
| TRIGEN___CC 323695 | 38.18 2.35 -0.27 | 36.73 1.91 0.00 | 36.29 1.76 0.00 | 35.80 1.67 0.00 | 35.52 1.53 0.00 | 37.78 1.94 0.00 | 51.50 0.96 0.01 | 70.60 1.75 1.30 | 50.92 0.91 0.40 | 42.50 1.87 0.00 | 36.69 2.37 -0.53 | 36.78 2.46 -1.12 | 34.17 2.45 -0.73 | 33.06 2.46 -0.57 | 33.02 2.54 -0.57 | 34.35 2.60 -0.03 | 40.28 3.02 -0.02 | 54.39 2.14 0.00 | 68.29 2.09 1.30 | 69.57 2.26 1.07 | 51.22 1.36 0.40 | 44.50 1.34 0.00 | 42.11 1.27 0.00 | 39.96 1.98 0.00 |
| TRINITY___115KV___4 BK 55933 | 35.71 0.25 0.10 | 34.92 0.10 0.00 | 34.70 0.17 0.00 | 34.23 0.10 0.00 | 33.99 0.00 0.00 | 35.95 0.11 0.00 | 50.40 -0.15 0.00 | 70.29 0.14 0.00 | 50.31 -0.10 0.00 | 40.63 0.00 0.00 | 33.77 0.17 0.20 | 32.96 0.17 0.41 | 30.91 0.19 0.27 | 30.09 0.27 0.21 | 30.03 0.33 0.21 | 32.10 0.38 0.00 | 37.69 0.45 0.00 | 52.56 0.31 0.00 | 67.77 0.27 0.00 | 68.73 0.34 0.00 | 50.46 0.20 0.00 | 43.33 0.17 0.00 | 40.88 0.04 0.00 | 37.99 0.00 0.00 |
| UNION___PROCESSING_DRP 323587 | 35.70 0.14 0.00 | 35.37 0.56 0.00 | 34.84 0.31 0.00 | 34.47 0.34 0.00 | 34.60 0.61 0.00 | 36.10 0.25 0.00 | 51.31 0.76 0.00 | 70.57 0.42 0.00 | 51.22 0.81 0.00 | 41.33 0.69 0.00 | 34.23 0.44 0.00 | 33.50 0.30 0.00 | 31.24 0.25 0.00 | 30.18 0.15 0.00 | 29.90 0.00 0.00 | 31.62 -0.10 0.00 | 36.65 -0.60 0.00 | 51.83 -0.42 0.00 | 67.23 -0.27 0.00 | 67.98 -0.41 0.00 | 50.25 0.00 0.00 | 43.16 0.00 0.00 | 41.33 0.49 0.00 | 38.44 0.46 0.00 |
| UPPER HUDSON___HYD 24058 | 36.20 0.75 0.11 | 35.55 0.73 0.00 | 35.25 0.73 0.00 | 34.91 0.79 0.00 | 34.70 0.71 0.00 | 36.70 0.86 0.00 | 51.82 1.26 0.00 | 72.11 1.96 0.00 | 51.32 0.91 0.00 | 40.88 0.25 0.00 | 33.76 0.17 0.20 | 32.81 0.03 0.42 | 30.68 -0.03 0.28 | 29.79 -0.03 0.21 | 29.75 0.06 0.21 | 31.91 0.19 0.00 | 37.62 0.37 0.00 | 53.08 0.83 0.00 | 68.98 1.48 0.00 | 70.10 1.71 0.00 | 51.46 1.20 0.00 | 44.19 1.03 0.00 | 41.70 0.86 0.00 | 38.63 0.65 0.00 |
| UPPER RAQUET___HYD 24056 | 36.34 0.78 0.00 | 35.62 0.80 0.00 | 35.32 0.79 0.00 | 34.81 0.68 0.00 | 34.73 0.75 0.00 | 36.60 0.75 0.00 | 51.66 1.11 0.00 | 71.55 1.40 0.00 | 51.17 0.76 0.00 | 41.20 0.57 0.00 | 34.13 0.34 0.00 | 33.60 0.40 0.00 | 31.15 0.16 0.00 | 30.12 0.09 0.00 | 29.93 0.03 0.00 | 31.78 0.06 0.00 | 37.51 0.26 0.00 | 53.13 0.89 0.00 | 68.71 1.22 0.00 | 69.75 1.37 0.00 | 51.66 1.41 0.00 | 44.36 1.21 0.00 | 41.86 1.02 0.00 | 38.79 0.80 0.00 |
| VALLEY44_115KV_TB2 355964 | 35.20 -0.36 0.00 | 35.13 0.31 0.00 | 34.46 -0.07 0.00 | 34.29 0.17 0.00 | 34.56 0.58 0.00 | 35.99 0.14 0.00 | 51.46 0.91 0.00 | 69.87 -0.28 0.00 | 50.92 0.50 0.00 | 41.04 0.41 0.00 | 33.93 0.14 0.00 | 33.23 0.03 0.00 | 30.96 -0.03 0.00 | 29.94 -0.09 0.00 | 29.52 -0.39 0.00 | 31.14 -0.57 0.00 | 35.79 -1.45 0.00 | 50.63 -1.62 0.00 | 66.42 -1.08 0.00 | 67.09 -1.30 0.00 | 49.30 -0.95 0.00 | 42.21 -0.95 0.00 | 40.68 -0.16 0.00 | 38.02 0.04 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 36.52 0.96 0.00 | 35.72 0.91 0.00 | 35.46 0.93 0.00 | 35.01 0.89 0.00 | 34.87 0.88 0.00 | 36.85 1.00 0.00 | 52.02 1.47 0.00 | 72.11 1.96 0.00 | 51.67 1.26 0.00 | 41.61 0.98 0.00 | 34.61 0.81 0.00 | 33.93 0.73 0.00 | 31.70 0.71 0.00 | 30.60 0.57 0.00 | 30.47 0.57 0.00 | 32.25 0.54 0.00 | 37.95 0.71 0.00 | 53.45 1.20 0.00 | 69.25 1.75 0.00 | 70.30 1.91 0.00 | 51.66 1.41 0.00 | 44.41 1.25 0.00 | 42.07 1.23 0.00 | 39.13 1.14 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 36.83 1.24 -0.03 | 35.93 1.11 0.00 | 35.77 1.24 0.00 | 35.28 1.16 0.00 | 35.14 1.16 0.00 | 37.21 1.36 0.00 | 52.57 2.02 0.00 | 73.16 3.02 0.00 | 52.18 1.76 0.00 | 41.89 1.26 0.00 | 34.91 1.05 -0.07 | 34.27 0.93 -0.14 | 32.01 0.93 -0.09 | 30.91 0.81 -0.07 | 30.81 0.84 -0.07 | 32.57 0.86 0.00 | 38.36 1.12 0.00 | 54.18 1.93 0.00 | 70.13 2.63 0.00 | 71.05 2.67 0.00 | 52.21 1.96 0.00 | 44.80 1.64 0.00 | 42.35 1.51 0.00 | 39.35 1.37 0.00 |
| VISCHER___FERRY HYD 24020 | 36.12 0.71 0.14 | 35.44 0.63 0.00 | 35.15 0.62 0.00 | 34.77 0.65 0.00 | 34.53 0.54 0.00 | 36.56 0.72 0.00 | 51.46 0.91 0.00 | 71.69 1.54 0.00 | 51.27 0.86 0.00 | 41.28 0.65 0.00 | 34.12 0.61 0.29 | 33.20 0.60 0.60 | 31.19 0.59 0.39 | 30.36 0.63 0.30 | 30.29 0.69 0.30 | 32.48 0.76 0.00 | 38.25 1.01 0.00 | 53.45 1.20 0.00 | 68.98 1.48 0.00 | 69.96 1.57 0.00 | 51.31 1.06 0.00 | 44.11 0.95 0.00 | 41.74 0.90 0.00 | 38.67 0.68 0.00 |
| V_A_10_SYNC_DSASP 323832 | 35.56 0.00 0.00 | 35.48 0.66 0.00 | 34.87 0.35 0.00 | 34.64 0.51 0.00 | 34.87 0.88 0.00 | 36.10 0.25 0.00 | 50.96 0.40 0.00 | 69.31 -0.84 0.00 | 50.97 0.55 0.00 | 41.37 0.73 0.00 | 34.34 0.54 0.00 | 33.56 0.37 0.00 | 31.15 0.15 0.00 | 30.15 0.12 0.00 | 29.81 -0.09 0.00 | 31.46 -0.25 0.00 | 35.94 -1.30 0.00 | 50.52 -1.72 0.00 | 65.61 -1.89 0.00 | 66.20 -2.19 0.00 | 49.15 -1.11 0.00 | 42.34 -0.82 0.00 | 41.09 0.25 0.00 | 38.37 0.38 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 35.84 0.28 0.00 | 35.13 0.31 0.00 | 34.80 0.28 0.00 | 34.40 0.27 0.00 | 34.26 0.27 0.00 | 36.10 0.25 0.00 | 50.96 0.40 0.00 | 70.50 0.35 0.00 | 50.77 0.35 0.00 | 40.88 0.24 0.00 | 33.96 0.17 0.00 | 33.40 0.20 0.00 | 31.05 0.06 0.00 | 30.06 0.03 0.00 | 29.90 0.00 0.00 | 31.75 0.03 0.00 | 37.36 0.11 0.00 | 52.61 0.37 0.00 | 68.17 0.67 0.00 | 69.07 0.68 0.00 | 50.81 0.55 0.00 | 43.59 0.43 0.00 | 41.17 0.33 0.00 | 38.25 0.27 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 36.16 0.60 0.00 | 35.51 0.70 0.00 | 35.18 0.65 0.00 | 34.70 0.58 0.00 | 34.63 0.64 0.00 | 36.42 0.57 0.00 | 50.95 0.40 0.00 | 70.36 0.21 0.00 | 50.56 0.15 0.00 | 40.92 0.29 0.00 | 33.90 0.10 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.70 -0.21 0.00 | 31.59 -0.13 0.00 | 37.32 0.07 0.00 | 52.56 0.32 0.00 | 68.51 1.01 0.00 | 69.55 1.16 0.00 | 51.21 0.95 0.00 | 43.85 0.69 0.00 | 41.74 0.90 0.00 | 38.79 0.80 0.00 |
| V_D_10_SYNC_DSASP 323841 | 36.05 0.50 0.00 | 35.37 0.56 0.00 | 35.05 0.52 0.00 | 34.57 0.44 0.00 | 34.46 0.48 0.00 | 36.31 0.46 0.00 | 51.26 0.71 0.00 | 70.92 0.77 0.00 | 51.02 0.61 0.00 | 41.04 0.41 0.00 | 34.10 0.30 0.00 | 33.57 0.37 0.00 | 31.18 0.19 0.00 | 30.18 0.15 0.00 | 29.99 0.09 0.00 | 31.87 0.16 0.00 | 37.51 0.26 0.00 | 52.92 0.68 0.00 | 68.57 1.08 0.00 | 69.55 1.16 0.00 | 51.16 0.91 0.00 | 43.85 0.69 0.00 | 41.41 0.57 0.00 | 38.48 0.49 0.00 |
| V_E_10_SYNC_DSASP 323830 | 37.36 1.78 -0.03 | 36.52 1.71 0.00 | 36.25 1.73 0.00 | 35.76 1.64 0.00 | 35.82 1.83 0.00 | 37.92 2.08 0.00 | 54.29 3.74 0.00 | 75.41 5.26 0.00 | 53.34 2.92 0.00 | 42.14 1.50 0.00 | 34.76 0.91 -0.05 | 33.90 0.60 -0.11 | 31.59 0.53 -0.07 | 30.29 0.21 -0.05 | 30.17 0.21 -0.05 | 31.97 0.25 0.00 | 37.88 0.63 0.00 | 54.86 2.61 0.00 | 72.15 4.65 0.00 | 73.10 4.72 0.00 | 53.67 3.42 0.00 | 45.88 2.72 0.00 | 43.21 2.37 0.00 | 40.23 2.24 0.00 |

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| V_F_30_NSYNC___DSASP 323816 | 36.51 1.07 0.11 | 35.83 1.01 0.00 | 35.53 1.00 0.00 | 35.15 1.02 0.00 | 34.94 0.95 0.00 | 36.99 1.15 0.00 | 52.17 1.62 0.00 | 72.53 2.39 0.00 | 51.72 1.31 0.00 | 41.45 0.81 0.00 | 34.19 0.61 0.22 | 33.28 0.53 0.45 | 31.16 0.47 0.30 | 30.28 0.48 0.23 | 30.21 0.54 0.23 | 32.38 0.67 0.00 | 38.18 0.93 0.00 | 53.71 1.46 0.00 | 69.59 2.09 0.00 | 70.64 2.25 0.00 | 51.86 1.61 0.00 | 44.54 1.38 0.00 | 42.11 1.27 0.00 | 39.01 1.03 0.00 |
| V_F_30_SYNC_DSASP 323786 | 35.77 0.32 0.10 | 35.03 0.21 0.00 | 34.77 0.24 0.00 | 34.29 0.17 0.00 | 34.05 0.07 0.00 | 36.06 0.22 0.00 | 50.50 -0.05 0.00 | 70.43 0.28 0.00 | 50.46 0.05 0.00 | 40.72 0.08 0.00 | 33.83 0.24 0.20 | 32.98 0.20 0.42 | 30.93 0.22 0.28 | 30.09 0.27 0.21 | 30.05 0.36 0.21 | 32.13 0.41 0.00 | 37.73 0.48 0.00 | 52.66 0.42 0.00 | 67.90 0.40 0.00 | 68.86 0.48 0.00 | 50.56 0.30 0.00 | 43.42 0.26 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 36.16 0.60 0.00 | 35.51 0.70 0.00 | 35.18 0.65 0.00 | 34.70 0.58 0.00 | 34.63 0.64 0.00 | 36.42 0.57 0.00 | 50.95 0.40 0.00 | 70.36 0.21 0.00 | 50.56 0.15 0.00 | 40.92 0.29 0.00 | 33.90 0.10 0.00 | 33.33 0.13 0.00 | 30.90 -0.09 0.00 | 29.91 -0.12 0.00 | 29.70 -0.21 0.00 | 31.59 -0.13 0.00 | 37.32 0.07 0.00 | 52.56 0.32 0.00 | 68.51 1.01 0.00 | 69.55 1.16 0.00 | 51.21 0.95 0.00 | 43.85 0.69 0.00 | 41.74 0.90 0.00 | 38.79 0.80 0.00 |
| W.BABYLN_69_KV_BK1 56697 | 38.57 2.74 -0.27 | 37.04 2.23 0.00 | 36.56 2.04 0.00 | 36.07 1.95 0.00 | 35.72 1.73 0.00 | 38.07 2.22 0.00 | 51.39 0.86 0.02 | 65.93 1.61 5.83 | 49.42 0.66 1.64 | 42.50 1.87 0.00 | 36.89 2.57 -0.53 | 37.00 2.69 -1.11 | 34.32 2.60 -0.73 | 33.27 2.67 -0.56 | 33.22 2.75 -0.57 | 34.65 2.92 -0.02 | 40.57 3.31 -0.01 | 54.28 2.04 0.00 | 63.36 1.69 5.82 | 65.53 1.91 4.77 | 49.65 1.16 1.76 | 44.41 1.25 0.00 | 42.15 1.31 0.00 | 40.19 2.20 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 37.56 1.78 -0.22 | 36.31 1.50 0.00 | 35.87 1.35 0.00 | 35.45 1.33 0.00 | 35.24 1.26 0.00 | 37.46 1.61 0.00 | 52.57 2.02 0.00 | 73.30 3.16 0.00 | 52.28 1.87 0.00 | 42.54 1.91 0.00 | 36.06 1.82 -0.44 | 35.93 1.83 -0.91 | 33.48 1.89 -0.60 | 32.41 1.92 -0.45 | 32.37 2.00 -0.46 | 33.81 2.09 0.00 | 39.78 2.53 0.00 | 55.01 2.77 0.00 | 70.80 3.31 0.00 | 71.81 3.42 0.00 | 52.47 2.21 0.00 | 45.06 1.90 0.00 | 42.56 1.72 0.00 | 39.70 1.71 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.75 1.92 -0.27 | 36.42 1.60 0.00 | 35.98 1.45 0.00 | 35.56 1.43 0.00 | 35.35 1.36 0.00 | 37.57 1.72 0.00 | 52.57 2.02 0.00 | 73.51 3.37 0.00 | 52.58 2.17 0.00 | 42.91 2.28 0.00 | 36.59 2.26 -0.53 | 36.55 2.26 -1.09 | 33.94 2.23 -0.72 | 32.86 2.28 -0.55 | 32.85 2.39 -0.55 | 34.19 2.47 0.00 | 40.15 2.91 0.00 | 55.22 2.98 0.00 | 70.94 3.44 0.00 | 71.87 3.49 0.00 | 52.57 2.31 0.00 | 45.19 2.03 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| W50THST__13_KV_LOAD 356117 | 37.89 2.06 -0.27 | 36.56 1.74 0.00 | 36.11 1.59 0.00 | 35.69 1.57 0.00 | 35.45 1.46 0.00 | 37.71 1.86 0.00 | 52.83 2.27 0.00 | 73.93 3.79 0.00 | 52.88 2.47 0.00 | 43.11 2.48 0.00 | 36.75 2.43 -0.53 | 36.75 2.46 -1.09 | 34.13 2.42 -0.72 | 33.04 2.46 -0.55 | 33.00 2.54 -0.55 | 34.38 2.66 0.00 | 40.37 3.13 0.00 | 55.54 3.29 0.00 | 71.28 3.78 0.00 | 72.22 3.83 0.00 | 52.82 2.56 0.00 | 45.36 2.20 0.00 | 42.88 2.04 0.00 | 40.04 2.05 0.00 |
| WADING RIVER_IC_1 23522 | 37.82 1.99 -0.27 | 36.38 1.57 0.00 | 35.77 1.24 0.00 | 35.32 1.19 0.00 | 34.97 0.99 0.00 | 37.35 1.51 0.00 | 49.77 -0.76 0.02 | 64.99 -0.77 4.39 | 48.08 -0.86 1.48 | 41.25 0.61 0.00 | 35.74 1.42 -0.53 | 36.00 1.69 -1.11 | 33.24 1.52 -0.73 | 32.30 1.71 -0.56 | 32.33 1.85 -0.57 | 33.69 1.97 -0.01 | 39.64 2.39 -0.01 | 52.77 0.52 0.00 | 62.72 -0.40 4.38 | 64.59 -0.20 3.59 | 48.63 -0.30 1.33 | 44.19 1.03 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| WADING RIVER_IC_2 23547 | 37.82 1.99 -0.27 | 36.38 1.57 0.00 | 35.77 1.24 0.00 | 35.32 1.19 0.00 | 34.97 0.99 0.00 | 37.35 1.51 0.00 | 49.77 -0.76 0.02 | 64.99 -0.77 4.39 | 48.08 -0.86 1.48 | 41.25 0.61 0.00 | 35.74 1.42 -0.53 | 36.00 1.69 -1.11 | 33.24 1.52 -0.73 | 32.30 1.71 -0.56 | 32.33 1.85 -0.57 | 33.69 1.97 -0.01 | 39.64 2.39 -0.01 | 52.77 0.52 0.00 | 62.72 -0.40 4.38 | 64.59 -0.20 3.59 | 48.63 -0.30 1.33 | 44.19 1.03 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| WADING RIVER_IC_3 23601 | 37.82 1.99 -0.27 | 36.38 1.57 0.00 | 35.77 1.24 0.00 | 35.32 1.19 0.00 | 34.97 0.99 0.00 | 37.35 1.51 0.00 | 49.77 -0.76 0.02 | 64.99 -0.77 4.39 | 48.08 -0.86 1.48 | 41.25 0.61 0.00 | 35.74 1.42 -0.53 | 36.00 1.69 -1.11 | 33.24 1.52 -0.73 | 32.30 1.71 -0.56 | 32.33 1.85 -0.57 | 33.69 1.97 -0.01 | 39.64 2.39 -0.01 | 52.77 0.52 0.00 | 62.72 -0.40 4.38 | 64.59 -0.20 3.59 | 48.63 -0.30 1.33 | 44.19 1.03 0.00 | 42.68 1.84 0.00 | 39.81 1.82 0.00 |
| WALDENNY_12_KV_BK2 80841 | 35.73 0.18 0.00 | 35.79 0.97 0.00 | 35.15 0.62 0.00 | 34.94 0.82 0.00 | 35.21 1.22 0.00 | 36.45 0.61 0.00 | 51.71 1.16 0.00 | 70.22 0.07 0.00 | 51.62 1.21 0.00 | 41.81 1.18 0.00 | 34.67 0.88 0.00 | 33.86 0.66 0.00 | 31.46 0.46 0.00 | 30.42 0.39 0.00 | 29.99 0.09 0.00 | 31.68 -0.03 0.00 | 36.16 -1.08 0.00 | 50.89 -1.36 0.00 | 66.42 -1.08 0.00 | 67.02 -1.37 0.00 | 49.65 -0.60 0.00 | 42.77 -0.39 0.00 | 41.54 0.69 0.00 | 38.75 0.76 0.00 |
| WALDEN__HYDRO 24148 | 37.53 1.74 -0.23 | 36.28 1.46 0.00 | 35.84 1.31 0.00 | 35.45 1.33 0.00 | 35.21 1.22 0.00 | 37.39 1.54 0.00 | 52.57 2.02 0.00 | 73.23 3.09 0.00 | 52.18 1.76 0.00 | 42.30 1.67 0.00 | 35.86 1.62 -0.44 | 35.71 1.59 -0.92 | 33.24 1.64 -0.61 | 32.20 1.71 -0.46 | 32.16 1.79 -0.47 | 33.59 1.87 0.00 | 39.52 2.27 0.00 | 54.86 2.61 0.00 | 70.74 3.24 0.00 | 71.67 3.28 0.00 | 52.42 2.16 0.00 | 45.01 1.86 0.00 | 42.52 1.67 0.00 | 39.62 1.63 0.00 |
| WARRENSBURG____ 23737 | 36.20 0.75 0.11 | 35.51 0.70 0.00 | 35.25 0.73 0.00 | 34.91 0.78 0.00 | 34.70 0.71 0.00 | 36.71 0.86 0.00 | 51.81 1.26 0.00 | 72.11 1.96 0.00 | 51.27 0.86 0.00 | 40.88 0.24 0.00 | 33.76 0.17 0.20 | 32.84 0.07 0.42 | 30.71 0.00 0.28 | 29.79 -0.03 0.21 | 29.75 0.06 0.21 | 31.91 0.19 0.00 | 37.62 0.37 0.00 | 53.08 0.84 0.00 | 68.98 1.48 0.00 | 70.10 1.71 0.00 | 51.46 1.21 0.00 | 44.15 0.99 0.00 | 41.58 0.74 0.00 | 38.59 0.61 0.00 |
| WATERSIDE____6 8 9 23538 | 37.93 2.10 -0.28 | 36.60 1.78 -0.01 | 36.16 1.62 -0.01 | 35.73 1.60 -0.01 | 35.49 1.50 -0.01 | 37.72 1.86 -0.01 | 52.42 1.87 0.00 | 73.23 3.09 0.00 | 52.33 1.92 0.00 | 42.99 2.36 0.00 | 36.70 2.37 -0.53 | 36.69 2.39 -1.10 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.98 2.51 -0.56 | 34.32 2.60 -0.01 | 40.30 3.05 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.53 3.15 0.00 | 52.37 2.11 0.00 | 45.23 2.07 0.00 | 42.88 2.04 0.00 | 40.04 2.05 -0.01 |
| WATKINRD_115KV_LN8_ILLION 55919 | 36.23 0.68 0.00 | 35.44 0.63 0.00 | 35.18 0.66 0.00 | 34.77 0.65 0.00 | 34.60 0.61 0.00 | 36.56 0.72 0.00 | 51.56 1.01 0.00 | 71.55 1.40 0.00 | 51.32 0.91 0.00 | 41.33 0.69 0.00 | 34.37 0.57 0.00 | 33.73 0.53 0.00 | 31.52 0.53 0.00 | 30.45 0.42 0.00 | 30.32 0.42 0.00 | 32.16 0.44 0.00 | 37.80 0.56 0.00 | 53.13 0.89 0.00 | 68.78 1.28 0.00 | 69.75 1.37 0.00 | 51.26 1.01 0.00 | 44.06 0.91 0.00 | 41.70 0.86 0.00 | 38.78 0.80 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| WDELAWARE___HYD 323627 | 37.76 2.03 -0.18 | 36.56 1.74 0.00 | 36.15 1.62 0.00 | 35.73 1.60 0.00 | 35.52 1.53 0.00 | 37.67 1.83 0.00 | 53.13 2.58 0.00 | 74.00 3.86 0.00 | 52.58 2.17 0.00 | 42.42 1.79 0.00 | 35.74 1.59 -0.35 | 35.43 1.50 -0.74 | 33.09 1.61 -0.48 | 32.02 1.62 -0.37 | 31.98 1.70 -0.37 | 33.46 1.74 0.00 | 39.52 2.27 0.00 | 55.33 3.08 0.00 | 71.41 3.91 0.00 | 72.42 4.03 0.00 | 53.02 2.76 0.00 | 45.49 2.33 0.00 | 43.13 2.29 0.00 | 40.00 2.01 0.00 |
| WEST BABYLON___IC 23714 | 38.57 2.74 -0.27 | 37.04 2.23 0.00 | 36.56 2.04 0.00 | 36.07 1.95 0.00 | 35.72 1.73 0.00 | 38.07 2.22 0.00 | 51.39 0.86 0.02 | 65.93 1.61 5.83 | 49.42 0.66 1.64 | 42.50 1.87 0.00 | 36.89 2.57 -0.53 | 37.00 2.69 -1.11 | 34.32 2.60 -0.73 | 33.27 2.67 -0.56 | 33.22 2.75 -0.57 | 34.65 2.92 -0.02 | 40.57 3.31 -0.01 | 54.28 2.04 0.00 | 63.36 1.69 5.82 | 65.53 1.91 4.77 | 49.65 1.16 1.76 | 44.41 1.25 0.00 | 42.15 1.31 0.00 | 40.19 2.20 0.00 |
| WEST CANADA___HYD 24049 | 35.63 0.07 0.00 | 34.85 0.03 0.00 | 34.60 0.07 0.00 | 34.19 0.07 0.00 | 34.05 0.07 0.00 | 35.92 0.07 0.00 | 50.65 0.10 0.00 | 70.36 0.21 0.00 | 50.46 0.05 0.00 | 40.68 0.04 0.00 | 33.86 0.07 0.00 | 33.23 0.03 0.00 | 31.05 0.06 0.00 | 30.09 0.06 0.00 | 29.99 0.09 0.00 | 31.78 0.06 0.00 | 37.36 0.11 0.00 | 52.40 0.16 0.00 | 67.70 0.20 0.00 | 68.59 0.21 0.00 | 50.41 0.15 0.00 | 43.29 0.13 0.00 | 40.96 0.12 0.00 | 38.06 0.08 0.00 |
| WESTERN_NY_WIND 24143 | 36.20 0.64 0.00 | 36.17 1.36 0.00 | 35.53 1.00 0.00 | 35.25 1.13 0.00 | 35.52 1.53 0.00 | 36.71 0.86 0.00 | 52.27 1.72 0.00 | 71.34 1.19 0.00 | 52.18 1.76 0.00 | 42.14 1.50 0.00 | 34.84 1.05 0.00 | 34.03 0.83 0.00 | 31.58 0.59 0.00 | 30.51 0.48 0.00 | 30.11 0.21 0.00 | 31.81 0.10 0.00 | 36.46 -0.78 0.00 | 51.67 -0.57 0.00 | 67.36 -0.13 0.00 | 68.11 -0.27 0.00 | 50.46 0.20 0.00 | 43.42 0.26 0.00 | 42.03 1.18 0.00 | 39.13 1.14 0.00 |
| WESTOVER___LESR 323668 | 35.90 0.32 -0.03 | 35.30 0.49 0.00 | 34.91 0.38 0.00 | 34.53 0.41 0.00 | 34.53 0.54 0.00 | 36.27 0.43 0.00 | 51.51 0.96 0.00 | 70.99 0.84 0.00 | 51.12 0.71 0.00 | 41.08 0.45 0.00 | 34.15 0.30 -0.05 | 33.54 0.23 -0.11 | 31.35 0.28 -0.07 | 30.33 0.24 -0.06 | 30.11 0.15 -0.06 | 31.81 0.10 0.00 | 37.21 -0.04 0.00 | 52.40 0.16 0.00 | 68.10 0.61 0.00 | 68.86 0.48 0.00 | 50.66 0.40 0.00 | 43.42 0.26 0.00 | 41.29 0.45 0.00 | 38.48 0.49 0.00 |
| WETHRSFD_WT_PWR 323626 | 35.52 -0.04 0.00 | 35.27 0.45 0.00 | 34.73 0.21 0.00 | 34.57 0.44 0.00 | 34.84 0.85 0.00 | 36.17 0.32 0.00 | 51.36 0.81 0.00 | 69.94 -0.21 0.00 | 50.97 0.56 0.00 | 41.04 0.41 0.00 | 34.00 0.20 0.00 | 33.23 0.03 0.00 | 30.87 -0.12 0.00 | 29.82 -0.21 0.00 | 29.49 -0.42 0.00 | 31.11 -0.60 0.00 | 35.68 -1.56 0.00 | 50.73 -1.52 0.00 | 66.49 -1.01 0.00 | 67.16 -1.23 0.00 | 49.65 -0.60 0.00 | 42.55 -0.60 0.00 | 40.15 -0.69 0.00 | 38.29 0.30 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 37.38 1.60 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.43 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.92 1.69 -0.44 | 35.83 1.73 -0.91 | 33.36 1.77 -0.60 | 32.29 1.80 -0.45 | 32.25 1.88 -0.46 | 33.68 1.97 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.40 2.90 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 37.38 1.60 -0.22 | 36.14 1.32 0.00 | 35.70 1.17 0.00 | 35.32 1.19 0.00 | 35.07 1.09 0.00 | 37.28 1.43 0.00 | 52.27 1.72 0.00 | 72.88 2.74 0.00 | 52.03 1.61 0.00 | 42.34 1.71 0.00 | 35.92 1.69 -0.44 | 35.83 1.73 -0.91 | 33.36 1.77 -0.60 | 32.29 1.80 -0.45 | 32.25 1.88 -0.46 | 33.68 1.97 0.00 | 39.59 2.35 0.00 | 54.70 2.46 0.00 | 70.40 2.90 0.00 | 71.33 2.94 0.00 | 52.16 1.91 0.00 | 44.80 1.64 0.00 | 42.31 1.47 0.00 | 39.47 1.48 0.00 |
| WHITEHAL_115KV_TB1 80871 | 36.91 1.46 0.11 | 36.17 1.36 0.00 | 35.91 1.38 0.00 | 35.56 1.43 0.00 | 35.38 1.39 0.00 | 37.53 1.68 0.00 | 53.08 2.53 0.00 | 73.79 3.65 0.00 | 52.33 1.92 0.00 | 41.53 0.89 0.00 | 34.19 0.61 0.21 | 33.20 0.43 0.44 | 31.02 0.31 0.29 | 30.05 0.24 0.22 | 30.01 0.33 0.22 | 32.25 0.54 0.00 | 38.06 0.82 0.00 | 54.02 1.78 0.00 | 70.40 2.90 0.00 | 71.67 3.28 0.00 | 52.62 2.36 0.00 | 45.10 1.94 0.00 | 42.39 1.55 0.00 | 39.32 1.33 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 37.77 1.96 -0.26 | 36.49 1.67 0.00 | 36.05 1.52 0.00 | 35.63 1.50 0.00 | 35.41 1.43 0.00 | 37.60 1.76 0.00 | 52.78 2.22 0.00 | 73.79 3.65 0.00 | 52.63 2.22 0.00 | 42.83 2.19 0.00 | 36.42 2.13 -0.50 | 36.39 2.16 -1.04 | 33.81 2.14 -0.68 | 32.71 2.16 -0.52 | 32.67 2.24 -0.52 | 34.09 2.38 0.00 | 40.04 2.79 0.00 | 55.22 2.98 0.00 | 71.07 3.58 0.00 | 72.08 3.69 0.00 | 52.77 2.51 0.00 | 45.32 2.16 0.00 | 42.72 1.88 0.00 | 39.89 1.90 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 38.14 2.31 -0.27 | 36.59 1.78 0.00 | 36.08 1.55 0.00 | 35.59 1.47 0.00 | 35.28 1.29 0.00 | 37.64 1.79 0.00 | 50.53 0.00 0.02 | 65.65 0.14 4.64 | 48.54 -0.35 1.52 | 41.89 1.26 0.00 | 36.39 2.06 -0.53 | 36.50 2.19 -1.11 | 33.82 2.11 -0.73 | 32.81 2.22 -0.56 | 32.74 2.27 -0.57 | 34.17 2.44 -0.01 | 39.90 2.64 -0.01 | 53.24 0.99 0.00 | 63.07 0.20 4.63 | 64.99 0.41 3.80 | 49.00 0.15 1.40 | 43.72 0.56 0.00 | 41.41 0.57 0.00 | 39.58 1.60 0.00 |
| WOODARD___115KV_TB2 355635 | 35.13 -0.43 0.00 | 34.50 -0.31 0.00 | 34.15 -0.38 0.00 | 33.75 -0.38 0.00 | 33.71 -0.27 0.00 | 35.49 -0.36 0.00 | 50.20 -0.35 0.00 | 69.59 -0.56 0.00 | 50.06 -0.35 0.00 | 40.23 -0.41 0.00 | 33.42 -0.37 0.00 | 32.80 -0.40 0.00 | 30.68 -0.31 0.00 | 29.70 -0.33 0.00 | 29.52 -0.39 0.00 | 31.30 -0.41 0.00 | 36.72 -0.52 0.00 | 51.62 -0.63 0.00 | 66.82 -0.67 0.00 | 67.63 -0.75 0.00 | 49.70 -0.55 0.00 | 42.68 -0.47 0.00 | 40.52 -0.33 0.00 | 37.68 -0.30 0.00 |
| WOODMERE_69_KV_BK1 55827 | 38.64 2.81 -0.27 | 37.15 2.33 0.00 | 36.63 2.11 0.00 | 36.17 2.05 0.00 | 35.89 1.90 0.00 | 38.21 2.37 0.00 | 52.01 1.47 0.01 | 71.81 2.38 0.72 | 51.47 1.26 0.20 | 42.87 2.23 0.00 | 37.06 2.74 -0.53 | 37.14 2.82 -1.12 | 34.51 2.79 -0.73 | 33.42 2.82 -0.57 | 33.35 2.87 -0.57 | 34.72 2.95 -0.05 | 40.76 3.50 -0.01 | 55.07 2.82 0.00 | 69.61 2.83 0.72 | 70.94 3.15 0.59 | 52.04 2.01 0.22 | 45.06 1.90 0.00 | 42.56 1.72 0.00 | 40.42 2.43 0.00 |
| YORK___WARBASSE 23770 | 38.04 2.20 -0.28 | 36.70 1.88 -0.01 | 36.26 1.73 -0.01 | 35.80 1.67 -0.01 | 35.59 1.60 -0.01 | 37.82 1.97 -0.01 | 52.32 1.77 0.00 | 73.09 2.95 0.00 | 52.23 1.81 0.00 | 42.95 2.32 0.00 | 36.73 2.40 -0.54 | 36.70 2.39 -1.11 | 34.08 2.36 -0.73 | 32.99 2.40 -0.56 | 32.95 2.48 -0.56 | 34.32 2.60 -0.01 | 40.34 3.09 -0.01 | 55.07 2.82 0.00 | 70.60 3.10 0.00 | 71.60 3.21 0.00 | 52.37 2.11 0.00 | 45.19 2.03 0.00 | 42.84 2.00 0.00 | 40.12 2.13 -0.01 |