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|-------------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___2 23572 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 58.71 0.64 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.46 0.51 0.00 | 38.48 0.49 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.23 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.77 0.66 0.00 | 40.64 0.60 0.00 |
| ALBANY___3 23573 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 58.71 0.64 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.46 0.51 0.00 | 38.48 0.49 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.23 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.77 0.66 0.00 | 40.64 0.60 0.00 |
| ALBANY___4 23574 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 58.71 0.64 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.46 0.51 0.00 | 38.48 0.49 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.23 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.77 0.66 0.00 | 40.64 0.60 0.00 |
| ALBANY___LFGE 323615 | 39.90 1.05 0.00 | 37.51 0.99 0.00 | 36.89 0.93 0.00 | 37.13 0.94 0.00 | 38.21 0.93 0.00 | 42.68 0.84 0.00 | 53.89 1.11 0.00 | 59.23 1.16 0.00 | 48.22 0.90 0.00 | 41.80 0.82 0.00 | 39.66 0.70 0.00 | 38.71 0.72 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.60 0.59 0.00 | 45.34 0.54 0.00 | 56.15 0.72 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.41 1.08 0.00 | 45.79 0.85 0.00 | 42.09 0.98 0.00 | 41.00 0.96 0.00 |
| ALCOA_PA_115KV_PL-6C 55860 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.51 0.67 0.00 | 53.58 0.79 0.00 | 59.00 0.93 0.00 | 47.89 0.57 0.00 | 41.52 0.53 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.40 0.66 0.00 | 37.51 0.70 0.00 | 39.95 0.94 0.00 | 45.92 1.12 0.00 | 56.98 1.55 0.00 | 60.89 1.49 0.00 | 52.02 0.82 0.00 | 50.17 0.84 0.00 | 45.79 0.85 0.00 | 41.77 0.66 0.00 | 40.76 0.72 0.00 |
| ALCOA_RYNLDS___DRP 24188 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.51 0.67 0.00 | 53.58 0.79 0.00 | 59.00 0.93 0.00 | 47.89 0.57 0.00 | 41.52 0.53 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.40 0.66 0.00 | 37.51 0.70 0.00 | 39.95 0.94 0.00 | 45.92 1.12 0.00 | 56.98 1.55 0.00 | 60.89 1.49 0.00 | 52.02 0.82 0.00 | 50.17 0.84 0.00 | 45.79 0.85 0.00 | 41.77 0.66 0.00 | 40.76 0.72 0.00 |
| ALCOA___DSASP 323711 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.51 0.67 0.00 | 53.58 0.79 0.00 | 59.00 0.93 0.00 | 47.90 0.57 0.00 | 41.51 0.53 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.40 0.66 0.00 | 37.51 0.70 0.00 | 39.95 0.93 0.00 | 45.92 1.12 0.00 | 56.98 1.55 0.00 | 60.89 1.49 0.00 | 52.02 0.82 0.00 | 50.17 0.84 0.00 | 45.79 0.85 0.00 | 41.76 0.66 0.00 | 40.76 0.72 0.00 |
| ALLEGHENY___COGEN 23514 | 39.01 0.16 0.00 | 36.67 0.15 0.00 | 36.17 0.22 0.00 | 36.59 0.40 0.00 | 37.87 0.59 0.00 | 43.34 1.50 0.00 | 54.52 1.74 0.00 | 59.76 1.69 0.00 | 48.46 1.13 0.00 | 41.19 0.21 0.00 | 39.54 0.59 0.00 | 38.14 0.15 0.00 | 36.79 -0.07 0.00 | 36.44 -0.30 0.00 | 36.74 -0.07 0.00 | 38.82 -0.19 0.00 | 44.40 -0.40 0.00 | 54.93 -0.50 0.00 | 59.05 -0.35 0.00 | 50.57 -0.82 -0.19 | 47.90 -1.43 0.00 | 44.13 -0.81 0.00 | 40.24 -0.87 0.00 | 39.40 -0.64 0.00 |
| ALTAMONT_115KV_TB 2 55880 | 39.86 1.01 0.00 | 37.47 0.95 0.00 | 36.85 0.90 0.00 | 37.10 0.90 0.00 | 38.17 0.89 0.00 | 42.76 0.92 0.00 | 53.89 1.11 0.00 | 59.29 1.22 0.00 | 48.27 0.95 0.00 | 41.84 0.86 0.00 | 39.77 0.82 0.00 | 38.75 0.76 0.00 | 37.56 0.70 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.75 0.74 0.00 | 45.65 0.85 0.00 | 56.48 1.05 0.00 | 60.53 1.13 0.00 | 52.43 1.23 0.00 | 50.61 1.28 0.00 | 46.01 1.08 0.00 | 42.22 1.11 0.00 | 41.08 1.04 0.00 |
| ALTONA_WT_PWR 323606 | 38.35 -0.51 0.00 | 36.01 -0.51 0.00 | 35.38 -0.58 0.00 | 35.29 -0.90 0.00 | 36.27 -1.00 0.00 | 41.00 -0.84 0.00 | 51.31 -1.48 0.00 | 57.03 -1.04 0.00 | 46.57 -0.76 0.00 | 40.53 -0.45 0.00 | 38.72 -0.23 0.00 | 37.87 -0.11 0.00 | 36.90 0.04 0.00 | 36.99 0.26 0.00 | 37.40 0.59 0.00 | 40.22 1.21 0.00 | 46.64 1.84 0.00 | 58.31 2.88 0.00 | 62.37 2.97 0.00 | 52.94 1.74 0.00 | 50.71 1.38 0.00 | 45.83 0.90 0.00 | 41.27 0.17 0.00 | 40.44 0.40 0.00 |
| AMERICAN_REF_FUEL 24010 | 35.51 -3.34 0.00 | 33.67 -2.85 0.00 | 33.18 -2.77 0.00 | 33.51 -2.68 0.00 | 34.70 -2.57 0.00 | 39.71 -2.13 0.00 | 49.14 -3.64 0.00 | 53.48 -4.59 0.00 | 43.87 -3.45 0.00 | 37.58 -3.40 0.00 | 36.46 -2.49 0.00 | 35.06 -2.92 0.00 | 33.88 -2.98 0.00 | 33.43 -3.31 0.00 | 33.57 -3.24 0.00 | 34.88 -4.14 0.00 | 39.42 -5.38 0.00 | 47.84 -7.59 0.00 | 51.27 -8.14 0.00 | 43.83 -7.32 0.04 | 42.23 -7.10 0.00 | 39.14 -5.80 0.00 | 36.09 -5.02 0.00 | 35.64 -4.40 0.00 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 36.95 -1.90 0.00 | 34.88 -1.64 0.00 | 34.30 -1.65 0.00 | 34.74 -1.45 0.00 | 36.16 -1.12 0.00 | 41.76 -0.08 0.00 | 52.36 -0.42 0.00 | 57.31 -0.76 0.00 | 47.14 -0.19 0.00 | 40.33 -0.66 0.00 | 38.80 -0.16 0.00 | 37.27 -0.72 0.00 | 35.87 -0.99 0.00 | 35.26 -1.47 0.00 | 35.08 -1.73 0.00 | 36.28 -2.73 0.00 | 40.86 -3.94 0.00 | 49.61 -5.82 0.00 | 52.99 -6.42 0.00 | 45.47 -5.68 0.04 | 43.41 -5.92 0.00 | 40.22 -4.72 0.00 | 37.12 -3.99 0.00 | 36.60 -3.44 0.00 |
| ARTHUR KILL_GT_1 23520 | 58.44 2.45 -17.14 | 55.15 2.15 -16.48 | 58.07 2.16 -19.96 | 42.62 2.10 -4.34 | 58.05 2.12 -18.65 | 58.13 1.97 -14.32 | 60.14 2.59 -4.77 | 61.58 2.79 -0.73 | 59.89 2.37 -10.20 | 59.08 2.33 -15.76 | 58.93 2.02 -17.96 | 58.93 2.09 -18.85 | 58.55 2.10 -19.58 | 58.55 2.13 -19.68 | 58.91 2.13 -19.97 | 58.91 2.22 -17.67 | 59.96 2.64 -12.52 | 126.20 2.99 -67.78 | 136.54 3.09 -74.05 | 105.85 3.33 -51.32 | 97.41 3.25 -44.82 | 59.96 2.92 -12.11 | 59.20 2.67 -15.42 | 59.04 2.52 -16.47 |
| ARTHUR_KILL_2 23512 | 58.32 2.33 -17.14 | 55.08 2.08 -16.48 | 57.96 2.05 -19.96 | 42.55 2.03 -4.34 | 57.94 2.01 -18.65 | 58.04 1.88 -14.32 | 59.98 2.43 -4.77 | 61.41 2.62 -0.73 | 59.75 2.22 -10.20 | 58.95 2.21 -15.76 | 58.86 1.95 -17.96 | 58.85 2.01 -18.85 | 58.44 1.99 -19.58 | 58.44 2.02 -19.68 | 58.84 2.06 -19.97 | 58.79 2.11 -17.67 | 59.82 2.51 -12.52 | 126.03 2.83 -67.78 | 136.36 2.91 -74.05 | 105.70 3.18 -51.32 | 97.21 3.06 -44.82 | 59.83 2.79 -12.11 | 59.08 2.55 -15.42 | 58.96 2.44 -16.47 |
| ARTHUR_KILL_3 23513 | 57.85 1.86 -17.13 | 54.56 1.57 -16.47 | 57.45 1.54 -19.95 | 42.04 1.52 -4.33 | 57.45 1.53 -18.65 | 57.45 1.30 -14.31 | 59.50 1.95 -4.76 | 61.05 2.26 -0.72 | 59.46 1.94 -10.19 | 58.66 1.93 -15.75 | 58.50 1.60 -17.95 | 58.50 1.67 -18.84 | 58.10 1.66 -19.58 | 58.10 1.69 -19.67 | 58.50 1.73 -19.96 | 58.51 1.83 -17.67 | 59.46 2.15 -12.51 | 61.05 2.50 -3.12 | 61.95 2.68 0.13 | 61.05 2.92 -6.93 | 60.81 2.86 -8.62 | 59.46 2.42 -12.10 | 58.66 2.14 -15.42 | 58.51 2.00 -16.46 |

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| ASTORIA_GT4_4 24105 | 40.92 2.06 -0.01 | 38.28 1.75 -0.01 | 37.69 1.73 -0.01 | 37.94 1.74 -0.01 | 38.96 1.68 -0.01 | 43.64 1.80 0.00 | 55.21 2.43 0.00 | 60.33 2.26 0.00 | 49.27 1.94 0.00 | 42.99 2.01 0.00 | 40.79 1.83 0.00 | 39.93 1.94 0.00 | 38.79 1.92 -0.01 | 38.69 1.95 -0.01 | 38.80 1.99 -0.01 | 40.96 1.95 0.00 | 47.22 2.42 0.00 | 58.09 2.66 0.00 | 62.13 2.73 0.00 | 54.22 3.02 0.00 | 52.34 3.01 0.00 | 47.81 2.88 0.00 | 43.62 2.51 -0.01 | 42.29 2.24 -0.01 |
| ASTORIA_GT_1 23523 | 41.00 2.14 -0.01 | 38.32 1.79 -0.01 | 37.76 1.80 -0.01 | 38.01 1.81 -0.01 | 39.04 1.75 -0.01 | 43.68 1.84 0.00 | 55.32 2.53 0.00 | 60.57 2.50 0.00 | 49.45 2.13 0.01 | 43.11 2.13 0.01 | 40.78 1.83 0.01 | 39.96 1.97 0.00 | 38.86 1.99 -0.01 | 38.76 2.02 -0.01 | 38.84 2.02 -0.01 | 41.03 2.03 0.01 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.19 2.79 0.00 | 54.38 3.18 0.00 | 52.44 3.11 0.00 | 47.85 2.92 0.00 | 43.75 2.63 -0.01 | 42.33 2.28 -0.01 |
| ASTORIA_GT_10 24110 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.21 2.43 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| ASTORIA_GT_11 24225 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.21 2.43 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| ASTORIA_GT_12 24226 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.21 2.43 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| ASTORIA_GT_13 24227 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.21 2.43 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| ASTORIA_GT_5 24106 | 41.00 2.14 -0.01 | 38.35 1.83 -0.01 | 37.76 1.80 -0.01 | 38.01 1.81 -0.01 | 39.03 1.75 -0.01 | 43.72 1.88 0.00 | 55.32 2.53 0.00 | 60.45 2.38 0.00 | 49.36 2.04 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 40.00 2.01 0.00 | 38.86 1.99 -0.01 | 38.76 2.02 -0.01 | 38.84 2.02 -0.01 | 41.04 2.03 0.00 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.25 2.85 0.00 | 54.32 3.12 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.71 2.59 -0.01 | 42.37 2.32 -0.01 |
| ASTORIA_GT_7 24107 | 41.00 2.14 -0.01 | 38.35 1.83 -0.01 | 37.76 1.80 -0.01 | 38.01 1.81 -0.01 | 39.03 1.75 -0.01 | 43.72 1.88 0.00 | 55.32 2.53 0.00 | 60.45 2.38 0.00 | 49.36 2.04 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 40.00 2.01 0.00 | 38.86 1.99 -0.01 | 38.76 2.02 -0.01 | 38.84 2.02 -0.01 | 41.04 2.03 0.00 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.25 2.85 0.00 | 54.32 3.12 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.71 2.59 -0.01 | 42.37 2.32 -0.01 |
| ASTORIA_GT_8 24108 | 41.00 2.14 -0.01 | 38.35 1.83 -0.01 | 37.76 1.80 -0.01 | 38.01 1.81 -0.01 | 39.03 1.75 -0.01 | 43.72 1.88 0.00 | 55.32 2.53 0.00 | 60.45 2.38 0.00 | 49.36 2.04 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 40.00 2.01 0.00 | 38.86 1.99 -0.01 | 38.76 2.02 -0.01 | 38.84 2.02 -0.01 | 41.04 2.03 0.00 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.25 2.85 0.00 | 54.32 3.12 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.71 2.59 -0.01 | 42.37 2.32 -0.01 |
| ASTORIA___2 24149 | 40.92 2.06 -0.01 | 38.28 1.75 -0.01 | 37.69 1.73 -0.01 | 37.94 1.74 -0.01 | 38.96 1.68 -0.01 | 43.64 1.80 0.00 | 55.26 2.48 0.00 | 60.45 2.38 0.00 | 49.35 2.03 0.01 | 43.02 2.05 0.01 | 40.70 1.75 0.01 | 39.89 1.90 0.00 | 38.79 1.92 -0.01 | 38.69 1.95 -0.01 | 38.77 1.95 -0.01 | 40.95 1.95 0.01 | 47.22 2.42 0.00 | 58.09 2.66 0.00 | 62.08 2.68 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.77 2.83 0.00 | 43.67 2.55 -0.01 | 42.25 2.20 -0.01 |
| ASTORIA___3 23516 | 41.15 2.29 -0.01 | 38.50 1.97 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.64 1.80 0.00 | 55.26 2.48 0.00 | 60.80 2.73 0.00 | 49.64 2.32 0.00 | 43.28 2.29 0.00 | 40.94 1.99 0.00 | 40.04 2.05 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.20 2.18 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.37 2.97 0.00 | 54.43 3.23 0.00 | 52.49 3.16 0.00 | 47.81 2.88 0.00 | 43.71 2.59 -0.01 | 42.49 2.44 -0.01 |
| ASTORIA___4 23517 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.21 2.43 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| ASTORIA___5 23518 | 41.15 2.29 -0.01 | 38.50 1.97 -0.01 | 37.90 1.94 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.64 1.80 0.00 | 55.26 2.48 0.00 | 60.80 2.73 0.00 | 49.64 2.32 0.00 | 43.28 2.29 0.00 | 40.94 1.99 0.00 | 40.04 2.05 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.20 2.18 0.00 | 47.40 2.60 0.00 | 58.31 2.88 0.00 | 62.37 2.97 0.00 | 54.43 3.23 0.00 | 52.49 3.16 0.00 | 47.81 2.88 0.00 | 43.71 2.59 -0.01 | 42.49 2.44 -0.01 |
| AST_ENERGY_2_CC3 323677 | 40.91 2.06 0.00 | 38.27 1.75 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.72 0.00 | 43.34 1.50 0.00 | 46.76 2.16 8.19 | 50.70 2.50 9.87 | 49.41 2.08 0.00 | 43.03 2.05 0.00 | 40.71 1.75 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 40.96 1.95 0.00 | 47.13 2.33 0.00 | 58.09 2.66 0.00 | 62.31 2.91 0.00 | 54.27 3.07 0.00 | 52.29 2.96 0.00 | 47.54 2.61 0.00 | 43.41 2.30 0.00 | 42.20 2.16 0.00 |
| AST_ENERGY_2_CC4 323678 | 40.91 2.06 0.00 | 38.27 1.75 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.72 0.00 | 43.34 1.50 0.00 | 46.76 2.16 8.19 | 50.70 2.50 9.87 | 49.41 2.08 0.00 | 43.03 2.05 0.00 | 40.71 1.75 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 40.96 1.95 0.00 | 47.13 2.33 0.00 | 58.09 2.66 0.00 | 62.31 2.91 0.00 | 54.27 3.07 0.00 | 52.29 2.96 0.00 | 47.54 2.61 0.00 | 43.41 2.30 0.00 | 42.20 2.16 0.00 |

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| ATHENS_STG_1 23668 | 40.10 1.24 0.00 | 37.61 1.09 0.00 | 37.03 1.08 0.00 | 37.28 1.08 0.00 | 38.36 1.08 0.00 | 42.84 1.00 0.00 | 54.15 1.37 0.00 | 59.58 1.51 0.00 | 48.55 1.23 0.00 | 42.17 1.19 0.00 | 39.93 0.97 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 56.93 1.50 0.00 | 61.01 1.60 0.00 | 52.94 1.74 0.00 | 51.06 1.73 0.00 | 46.42 1.48 0.00 | 42.51 1.40 0.00 | 41.36 1.32 0.00 |
| ATHENS_STG_2 23670 | 40.10 1.24 0.00 | 37.61 1.09 0.00 | 37.03 1.08 0.00 | 37.28 1.08 0.00 | 38.36 1.08 0.00 | 42.84 1.00 0.00 | 54.15 1.37 0.00 | 59.58 1.51 0.00 | 48.55 1.23 0.00 | 42.17 1.19 0.00 | 39.93 0.97 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 56.93 1.50 0.00 | 61.01 1.60 0.00 | 52.94 1.74 0.00 | 51.06 1.73 0.00 | 46.42 1.48 0.00 | 42.51 1.40 0.00 | 41.36 1.32 0.00 |
| ATHENS_STG_3 23677 | 40.10 1.24 0.00 | 37.61 1.09 0.00 | 37.03 1.08 0.00 | 37.28 1.08 0.00 | 38.36 1.08 0.00 | 42.84 1.00 0.00 | 54.15 1.37 0.00 | 59.58 1.51 0.00 | 48.55 1.23 0.00 | 42.17 1.19 0.00 | 39.93 0.97 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 56.93 1.50 0.00 | 61.01 1.60 0.00 | 52.94 1.74 0.00 | 51.06 1.73 0.00 | 46.42 1.48 0.00 | 42.51 1.40 0.00 | 41.36 1.32 0.00 |
| AUBURN___LFGE 323710 | 38.58 -0.27 0.00 | 36.26 -0.26 0.00 | 35.74 -0.22 0.00 | 36.01 -0.18 0.00 | 37.16 -0.11 0.00 | 41.92 0.08 0.00 | 52.99 0.21 0.00 | 58.24 0.17 0.00 | 47.47 0.14 0.00 | 40.82 -0.16 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.68 -0.18 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.70 -0.31 0.00 | 44.35 -0.45 0.00 | 54.93 -0.50 0.00 | 58.99 -0.42 0.00 | 50.80 -0.41 -0.01 | 48.74 -0.59 0.00 | 44.49 -0.45 0.00 | 40.57 -0.53 0.00 | 39.60 -0.44 0.00 |
| BABYLON_RES_REC 323704 | 49.44 2.80 -7.79 | 44.37 2.48 -5.36 | 39.11 2.45 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 47.26 2.47 -2.95 | 58.27 3.33 -2.16 | 61.79 3.72 0.00 | 50.26 2.94 0.00 | 43.48 2.50 0.00 | 40.94 1.99 0.00 | 40.08 2.09 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.79 1.99 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.81 3.38 0.00 | 63.09 3.68 0.00 | 55.04 3.84 0.00 | 52.98 3.65 0.00 | 50.16 3.51 -1.71 | 48.70 3.12 -4.47 | 47.41 2.92 -4.45 |
| BABYLON__69_KV_BK2 356345 | 49.82 3.19 -7.79 | 44.73 2.85 -5.36 | 39.47 2.80 -0.71 | 38.98 2.79 0.00 | 40.07 2.80 0.00 | 47.68 2.89 -2.95 | 58.74 3.80 -2.16 | 61.96 3.89 0.00 | 50.45 3.12 0.00 | 43.77 2.79 0.00 | 41.33 2.38 0.00 | 40.34 2.36 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 39.02 2.21 0.00 | 41.67 2.65 0.00 | 48.30 3.49 0.00 | 59.14 3.71 0.00 | 63.68 4.28 0.00 | 55.35 4.15 0.00 | 53.37 4.05 0.00 | 50.56 3.91 -1.71 | 49.15 3.58 -4.47 | 47.77 3.28 -4.45 |
| BALL_HILL_WT_PWR 323825 | 37.03 -1.83 0.00 | 35.02 -1.50 0.00 | 34.48 -1.48 0.00 | 34.85 -1.34 0.00 | 36.16 -1.12 0.00 | 41.46 -0.38 0.00 | 51.73 -1.06 0.00 | 56.44 -1.63 0.00 | 46.33 -1.00 0.00 | 39.63 -1.35 0.00 | 38.25 -0.70 0.00 | 36.85 -1.14 0.00 | 35.57 -1.29 0.00 | 35.12 -1.62 0.00 | 35.19 -1.62 0.00 | 36.56 -2.46 0.00 | 41.35 -3.45 0.00 | 50.28 -5.15 0.00 | 53.82 -5.59 0.00 | 46.23 -4.92 0.06 | 44.15 -5.18 0.00 | 40.85 -4.09 0.00 | 37.61 -3.49 0.00 | 37.04 -3.00 0.00 |
| BARON_WINDS___WT_PWR 323822 | 37.61 -1.24 0.00 | 35.42 -1.09 0.00 | 34.80 -1.15 0.00 | 35.11 -1.08 0.00 | 36.38 -0.89 0.00 | 41.46 -0.38 0.00 | 52.04 -0.74 0.00 | 56.97 -1.11 0.00 | 46.62 -0.71 0.00 | 39.96 -1.02 0.00 | 38.33 -0.62 0.00 | 37.15 -0.84 0.00 | 35.98 -0.89 0.00 | 35.67 -1.07 0.00 | 35.85 -0.96 0.00 | 37.73 -1.29 0.00 | 42.88 -1.93 0.00 | 52.49 -2.94 0.00 | 56.08 -3.33 0.00 | 47.86 -3.02 0.31 | 45.73 -3.60 0.00 | 42.02 -2.92 0.00 | 38.44 -2.67 0.00 | 37.72 -2.32 0.00 |
| BARRETT_IC_1 23704 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_10 23701 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_11 23702 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_12 23703 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_2 23705 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_3 23706 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_4 23707 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |

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| BARRETT_IC_5 23708 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_6 23709 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_7 23710 | 49.24 2.60 -7.79 | 44.15 2.26 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.05 2.26 -2.95 | 57.95 3.01 -2.16 | 61.09 3.02 0.00 | 49.79 2.46 0.00 | 43.24 2.25 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.58 3.38 0.00 | 52.68 3.35 0.00 | 49.84 3.19 -1.71 | 48.58 3.00 -4.47 | 47.21 2.72 -4.45 |
| BARRETT_IC_8 23711 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT_IC_9 23700 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT___1 23545 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BARRETT___2 23546 | 49.24 2.60 -7.79 | 44.15 2.27 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 57.95 3.01 -2.16 | 61.32 3.25 0.00 | 49.93 2.60 0.00 | 43.28 2.29 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.37 2.94 0.00 | 62.49 3.09 0.00 | 54.63 3.43 0.00 | 52.69 3.36 0.00 | 49.79 3.14 -1.71 | 48.41 2.83 -4.47 | 47.17 2.68 -4.45 |
| BATAVIA__115KV_TB1 55881 | 37.26 -1.59 0.00 | 35.06 -1.46 0.00 | 34.73 -1.22 0.00 | 35.11 -1.09 0.00 | 36.38 -0.89 0.00 | 41.25 -0.59 0.00 | 51.78 -1.00 0.00 | 56.62 -1.45 0.00 | 46.14 -1.18 0.00 | 39.43 -1.56 0.00 | 37.47 -1.48 0.00 | 36.51 -1.48 0.00 | 35.46 -1.40 0.00 | 35.01 -1.73 0.00 | 35.12 -1.69 0.00 | 36.75 -2.26 0.00 | 41.71 -3.09 0.00 | 51.05 -4.38 0.00 | 54.77 -4.63 0.00 | 46.71 -4.45 0.03 | 44.94 -4.39 0.00 | 41.48 -3.46 0.00 | 37.90 -3.21 0.00 | 37.56 -2.48 0.00 |
| BAYONEEC___CTG1 323682 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG10 323750 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG2 323683 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG3 323684 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG4 323685 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG5 323686 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG6 323687 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |

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| BAYONEEC___CTG7 323688 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG8 323689 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BAYONEEC___CTG9 323749 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.62 2.55 0.00 | 49.46 2.13 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.15 2.72 0.00 | 62.37 2.97 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| BEACON___LESR 323632 | 40.17 1.32 0.00 | 37.76 1.24 0.00 | 37.18 1.22 0.00 | 37.42 1.23 0.00 | 38.47 1.19 0.00 | 43.05 1.21 0.00 | 54.42 1.64 0.00 | 59.76 1.69 0.00 | 48.60 1.28 0.00 | 42.05 1.06 0.00 | 39.85 0.90 0.00 | 38.90 0.91 0.00 | 37.75 0.88 0.00 | 37.65 0.92 0.00 | 37.73 0.92 0.00 | 39.83 0.82 0.00 | 45.70 0.90 0.00 | 56.65 1.22 0.00 | 60.83 1.42 0.00 | 52.58 1.38 0.00 | 50.86 1.53 0.00 | 46.15 1.21 0.00 | 42.42 1.32 0.00 | 41.28 1.24 0.00 |
| BEAVER RIVER___HYD 24048 | 39.28 0.43 0.00 | 36.85 0.33 0.00 | 36.28 0.32 0.00 | 36.59 0.40 0.00 | 37.72 0.45 0.00 | 42.55 0.71 0.00 | 53.84 1.06 0.00 | 59.64 1.57 0.00 | 48.32 1.00 0.00 | 42.05 1.06 0.00 | 39.93 0.97 0.00 | 38.90 0.91 0.00 | 37.71 0.85 0.00 | 37.65 0.92 0.00 | 37.76 0.96 0.00 | 40.26 1.25 0.00 | 46.28 1.48 0.00 | 57.70 2.27 0.00 | 61.25 1.84 0.00 | 52.12 0.92 0.00 | 50.07 0.74 0.00 | 45.61 0.68 0.00 | 41.73 0.62 0.00 | 40.64 0.60 0.00 |
| BEEBEE_GT_13 23619 | 37.26 -1.59 0.00 | 35.10 -1.42 0.00 | 34.69 -1.26 0.00 | 35.03 -1.16 0.00 | 36.19 -1.08 0.00 | 40.88 -0.96 0.00 | 51.41 -1.37 0.00 | 56.33 -1.74 0.00 | 45.91 -1.42 0.00 | 39.38 -1.60 0.00 | 37.47 -1.48 0.00 | 36.54 -1.44 0.00 | 35.54 -1.33 0.00 | 35.15 -1.58 0.00 | 35.23 -1.58 0.00 | 37.02 -1.99 0.00 | 42.16 -2.64 0.00 | 51.88 -3.55 0.00 | 55.66 -3.74 0.00 | 47.56 -3.64 0.00 | 45.83 -3.50 0.00 | 42.10 -2.83 0.00 | 38.48 -2.63 0.00 | 37.88 -2.16 0.00 |
| BENSHRST_27_KV_BENSHRST_1 355998 | 58.75 2.76 -17.14 | 55.40 2.41 -16.48 | 58.29 2.37 -19.96 | 42.88 2.35 -4.34 | 58.28 2.35 -18.65 | 58.46 2.30 -14.32 | 60.67 3.11 -4.77 | 62.16 3.37 -0.73 | 60.41 2.89 -10.20 | 59.53 2.79 -15.76 | 59.48 2.57 -17.96 | 59.38 2.55 -18.85 | 58.92 2.47 -19.58 | 58.92 2.50 -19.68 | 59.35 2.58 -19.97 | 59.34 2.65 -17.67 | 60.50 3.18 -12.52 | 126.87 3.66 -67.78 | 137.31 3.86 -74.05 | 106.41 3.89 -51.32 | 97.95 3.80 -44.82 | 60.50 3.46 -12.11 | 59.78 3.25 -15.42 | 59.48 2.96 -16.47 |
| BETHLEHEM___GRP 23843 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 58.71 0.64 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.46 0.51 0.00 | 38.48 0.49 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.23 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.77 0.66 0.00 | 40.64 0.60 0.00 |
| BETHLEHEM___GS1 323560 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.34 0.50 0.00 | 53.47 0.68 0.00 | 58.77 0.70 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.34 0.39 0.00 | 38.45 0.46 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.24 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.76 0.66 0.00 | 40.64 0.60 0.00 |
| BETHLEHEM___GS2 323561 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.34 0.50 0.00 | 53.47 0.68 0.00 | 58.77 0.70 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.34 0.39 0.00 | 38.45 0.46 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.24 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.76 0.66 0.00 | 40.64 0.60 0.00 |
| BETHLEHEM___GS3 323562 | 39.63 0.78 0.00 | 37.25 0.73 0.00 | 36.67 0.72 0.00 | 36.88 0.69 0.00 | 37.91 0.63 0.00 | 42.34 0.50 0.00 | 53.47 0.68 0.00 | 58.77 0.70 0.00 | 47.85 0.52 0.00 | 41.48 0.49 0.00 | 39.34 0.39 0.00 | 38.45 0.46 0.00 | 37.34 0.48 0.00 | 37.25 0.51 0.00 | 37.29 0.48 0.00 | 39.25 0.24 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.34 0.40 0.00 | 41.76 0.66 0.00 | 40.64 0.60 0.00 |
| BETHLEHEM___STEEL 23779 | 36.91 -1.94 0.00 | 34.80 -1.72 0.00 | 34.41 -1.55 0.00 | 34.74 -1.45 0.00 | 36.04 -1.23 0.00 | 40.92 -0.92 0.00 | 51.25 -1.53 0.00 | 56.04 -2.03 0.00 | 45.95 -1.37 0.00 | 39.34 -1.64 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 34.97 -1.76 0.00 | 35.00 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.22 -5.21 0.00 | 53.70 -5.70 0.00 | 46.13 -5.02 0.06 | 44.15 -5.18 0.00 | 40.71 -4.22 0.00 | 37.37 -3.74 0.00 | 37.08 -2.96 0.00 |
| BETHLHEM_115KV_TB1 79974 | 39.67 0.82 0.00 | 37.29 0.77 0.00 | 36.71 0.75 0.00 | 36.92 0.72 0.00 | 37.95 0.67 0.00 | 42.43 0.59 0.00 | 53.52 0.74 0.00 | 58.83 0.75 0.00 | 47.94 0.62 0.00 | 41.52 0.53 0.00 | 39.50 0.55 0.00 | 38.52 0.53 0.00 | 37.38 0.52 0.00 | 37.29 0.55 0.00 | 37.36 0.55 0.00 | 39.36 0.35 0.00 | 45.07 0.27 0.00 | 55.76 0.33 0.00 | 59.82 0.42 0.00 | 51.76 0.56 0.00 | 50.02 0.69 0.00 | 45.47 0.54 0.00 | 41.89 0.78 0.00 | 40.72 0.68 0.00 |
| BETHPAGE_CC_5 323564 | 49.44 2.80 -7.79 | 44.37 2.48 -5.36 | 39.04 2.37 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.13 2.34 -2.95 | 58.11 3.17 -2.16 | 61.67 3.60 0.00 | 50.17 2.84 0.00 | 43.44 2.46 0.00 | 41.02 2.06 0.00 | 40.11 2.13 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.87 2.06 0.00 | 41.47 2.46 0.00 | 47.98 3.18 0.00 | 58.87 3.44 0.00 | 63.15 3.74 0.00 | 55.09 3.89 0.00 | 53.03 3.70 0.00 | 50.16 3.51 -1.71 | 48.70 3.12 -4.47 | 47.45 2.96 -4.45 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 37.07 -1.79 0.00 | 34.95 -1.57 0.00 | 34.55 -1.40 0.00 | 34.89 -1.30 0.00 | 36.23 -1.04 0.00 | 41.13 -0.71 0.00 | 51.57 -1.21 0.00 | 56.39 -1.68 0.00 | 46.24 -1.09 0.00 | 39.59 -1.39 0.00 | 37.59 -1.36 0.00 | 36.66 -1.33 0.00 | 35.61 -1.25 0.00 | 35.19 -1.54 0.00 | 35.23 -1.58 0.00 | 36.75 -2.26 0.00 | 41.58 -3.23 0.00 | 50.55 -4.88 0.00 | 54.06 -5.35 0.00 | 46.54 -4.61 0.05 | 44.35 -4.98 0.00 | 40.94 -4.00 0.00 | 37.57 -3.54 0.00 | 37.28 -2.76 0.00 |

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| BINGHAMTON___COGEN 23790 | 38.74 -0.12 0.00 | 36.41 -0.11 0.00 | 35.88 -0.07 0.00 | 36.16 -0.04 0.00 | 37.31 0.04 0.00 | 42.01 0.17 0.00 | 53.05 0.26 0.00 | 58.19 0.12 0.00 | 47.47 0.14 0.00 | 40.94 -0.04 0.00 | 38.92 -0.04 0.00 | 37.91 -0.08 0.00 | 36.75 -0.11 0.00 | 36.51 -0.22 0.00 | 36.62 -0.18 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.69 -0.51 0.00 | 48.59 -0.74 0.00 | 44.40 -0.54 0.00 | 40.57 -0.53 0.00 | 39.68 -0.36 0.00 |
| BIXINCNT_115KV_LOAD 355685 | 36.91 -1.94 0.00 | 34.73 -1.79 0.00 | 34.23 -1.73 0.00 | 34.67 -1.52 0.00 | 36.31 -0.97 0.00 | 41.67 -0.17 0.00 | 52.68 -0.11 0.00 | 57.84 -0.23 0.00 | 47.47 0.14 0.00 | 40.57 -0.41 0.00 | 38.49 -0.47 0.00 | 37.46 -0.53 0.00 | 36.35 -0.52 0.00 | 36.00 -0.73 0.00 | 35.96 -0.85 0.00 | 37.53 -1.48 0.00 | 42.29 -2.51 0.00 | 51.22 -4.21 0.00 | 54.35 -5.05 0.00 | 46.66 -4.51 0.04 | 43.85 -5.48 0.00 | 40.44 -4.49 0.00 | 37.41 -3.70 0.00 | 37.20 -2.84 0.00 |
| BLACK RIVER___HYD 24047 | 39.75 0.89 0.00 | 37.21 0.69 0.00 | 36.67 0.72 0.00 | 37.02 0.83 0.00 | 38.21 0.93 0.00 | 43.22 1.38 0.00 | 54.74 1.95 0.00 | 60.57 2.50 0.00 | 49.46 2.13 0.00 | 42.66 1.68 0.00 | 40.51 1.56 0.00 | 39.35 1.37 0.00 | 38.19 1.33 0.00 | 37.91 1.18 0.00 | 37.99 1.18 0.00 | 40.57 1.56 0.00 | 46.64 1.84 0.00 | 58.26 2.83 0.00 | 62.19 2.79 0.00 | 52.89 1.69 0.00 | 50.81 1.48 0.00 | 46.24 1.30 0.00 | 42.26 1.15 0.00 | 41.12 1.08 0.00 |
| BLACKRVR_115KV_TB2 79977 | 39.75 0.89 0.00 | 37.21 0.69 0.00 | 36.67 0.72 0.00 | 37.02 0.83 0.00 | 38.21 0.93 0.00 | 43.18 1.34 0.00 | 54.74 1.95 0.00 | 60.57 2.50 0.00 | 49.46 2.13 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.36 1.37 0.00 | 38.15 1.29 0.00 | 37.87 1.14 0.00 | 37.99 1.18 0.00 | 40.57 1.56 0.00 | 46.64 1.84 0.00 | 58.26 2.83 0.00 | 62.19 2.79 0.00 | 52.89 1.69 0.00 | 50.81 1.48 0.00 | 46.24 1.30 0.00 | 42.22 1.11 0.00 | 41.12 1.08 0.00 |
| BLISS_WT_PWR 323608 | 36.64 -2.21 0.00 | 34.55 -1.97 0.00 | 33.97 -1.98 0.00 | 34.42 -1.77 0.00 | 36.16 -1.12 0.00 | 41.92 0.08 0.00 | 52.78 0.00 0.00 | 57.90 -0.17 0.00 | 47.52 0.19 0.00 | 40.61 -0.37 0.00 | 39.11 0.16 0.00 | 37.68 -0.31 0.00 | 36.38 -0.48 0.00 | 36.04 -0.70 0.00 | 36.07 -0.74 0.00 | 37.49 -1.52 0.00 | 42.20 -2.60 0.00 | 50.94 -4.49 0.00 | 54.00 -5.41 0.00 | 46.30 -4.87 0.04 | 43.36 -5.97 0.00 | 40.08 -4.85 0.00 | 37.29 -3.82 0.00 | 36.88 -3.16 0.00 |
| BLUESTONE___WT_PWR 323821 | 40.83 1.98 0.00 | 38.27 1.75 0.00 | 37.68 1.73 0.00 | 38.00 1.81 0.00 | 39.17 1.90 0.00 | 44.22 2.38 0.00 | 55.95 3.17 0.00 | 61.44 3.37 0.00 | 49.88 2.55 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 39.77 1.79 0.00 | 38.56 1.70 0.00 | 38.35 1.61 0.00 | 38.43 1.62 0.00 | 40.89 1.87 0.00 | 47.04 2.24 0.00 | 58.59 3.16 0.00 | 62.97 3.56 0.00 | 54.07 2.87 0.00 | 51.89 2.56 0.00 | 47.27 2.34 0.00 | 43.16 2.05 0.00 | 41.96 1.92 0.00 |
| BLUE_CIRC_CHEM_DRP 24182 | 40.02 1.17 0.00 | 37.61 1.10 0.00 | 36.99 1.04 0.00 | 37.28 1.09 0.00 | 38.36 1.08 0.00 | 42.89 1.05 0.00 | 54.10 1.32 0.00 | 59.35 1.28 0.00 | 48.27 0.95 0.00 | 41.76 0.78 0.00 | 39.66 0.70 0.00 | 38.67 0.68 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.47 0.66 0.00 | 39.64 0.62 0.00 | 45.56 0.76 0.00 | 56.43 1.00 0.00 | 60.59 1.19 0.00 | 52.38 1.18 0.00 | 50.66 1.33 0.00 | 46.06 1.12 0.00 | 42.30 1.19 0.00 | 41.16 1.12 0.00 |
| BOC_GAS_DRP 24189 | 39.75 0.89 0.00 | 37.32 0.80 0.00 | 36.71 0.75 0.00 | 36.95 0.76 0.00 | 38.02 0.75 0.00 | 42.55 0.71 0.00 | 53.68 0.90 0.00 | 59.00 0.93 0.00 | 48.08 0.76 0.00 | 41.68 0.70 0.00 | 39.62 0.66 0.00 | 38.63 0.65 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.43 0.63 0.00 | 39.60 0.59 0.00 | 45.43 0.63 0.00 | 56.21 0.78 0.00 | 60.23 0.83 0.00 | 52.17 0.97 0.00 | 50.37 1.04 0.00 | 45.79 0.85 0.00 | 42.05 0.95 0.00 | 40.92 0.88 0.00 |
| BOONVILLE_115KV_TB1 79983 | 39.59 0.74 0.00 | 37.14 0.62 0.00 | 36.60 0.65 0.00 | 36.92 0.72 0.00 | 38.06 0.78 0.00 | 42.89 1.05 0.00 | 54.21 1.43 0.00 | 59.87 1.80 0.00 | 48.60 1.28 0.00 | 42.21 1.23 0.00 | 39.97 1.01 0.00 | 39.01 1.03 0.00 | 37.90 1.03 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.22 1.21 0.00 | 46.19 1.39 0.00 | 57.48 2.05 0.00 | 61.30 1.90 0.00 | 52.43 1.23 0.00 | 50.41 1.09 0.00 | 45.88 0.94 0.00 | 41.97 0.86 0.00 | 40.84 0.80 0.00 |
| BORALEX_4TH_BRANCH 23824 | 41.14 2.29 0.00 | 38.64 2.12 0.00 | 37.86 1.91 0.00 | 38.11 1.92 0.00 | 39.25 1.98 0.00 | 43.93 2.09 0.00 | 55.32 2.53 0.00 | 60.74 2.67 0.00 | 49.50 2.18 0.00 | 42.99 2.01 0.00 | 40.94 1.99 0.00 | 39.89 1.90 0.00 | 38.60 1.73 0.00 | 38.57 1.84 0.00 | 38.39 1.58 0.00 | 40.73 1.72 0.00 | 46.77 1.97 0.00 | 57.98 2.55 0.00 | 62.08 2.67 0.00 | 53.96 2.76 0.00 | 52.29 2.96 0.00 | 47.54 2.61 0.00 | 43.66 2.55 0.00 | 42.44 2.40 0.00 |
| BOWLINE___1 23526 | 40.48 1.63 0.00 | 37.94 1.42 0.00 | 37.35 1.40 0.00 | 37.57 1.37 0.00 | 38.65 1.38 0.00 | 43.05 1.21 0.00 | 54.37 1.58 0.00 | 59.93 1.86 0.00 | 48.94 1.61 0.00 | 42.58 1.60 0.00 | 40.32 1.36 0.00 | 39.39 1.41 0.00 | 38.23 1.36 0.00 | 38.13 1.40 0.00 | 38.21 1.40 0.00 | 40.53 1.52 0.00 | 46.59 1.79 0.00 | 57.42 1.99 0.00 | 61.60 2.20 0.00 | 53.56 2.36 0.00 | 51.65 2.32 0.00 | 47.00 2.07 0.00 | 43.00 1.89 0.00 | 41.76 1.72 0.00 |
| BOWLINE___2 23595 | 40.52 1.67 0.00 | 37.94 1.42 0.00 | 37.35 1.40 0.00 | 37.57 1.37 0.00 | 38.65 1.38 0.00 | 43.05 1.21 0.00 | 54.47 1.69 0.00 | 60.05 1.98 0.00 | 48.98 1.66 0.00 | 42.62 1.64 0.00 | 40.32 1.36 0.00 | 39.39 1.41 0.00 | 38.23 1.36 0.00 | 38.13 1.40 0.00 | 38.24 1.43 0.00 | 40.57 1.56 0.00 | 46.64 1.84 0.00 | 57.54 2.11 0.00 | 61.72 2.31 0.00 | 53.66 2.46 0.00 | 51.70 2.37 0.00 | 47.05 2.11 0.00 | 43.04 1.93 0.00 | 41.80 1.76 0.00 |
| BRADY___115KV_TB2 356060 | 39.71 0.85 0.00 | 37.36 0.84 0.00 | 36.82 0.86 0.00 | 37.02 0.83 0.00 | 38.17 0.89 0.00 | 42.97 1.13 0.00 | 54.16 1.37 0.00 | 59.64 1.57 0.00 | 48.27 0.95 0.00 | 41.80 0.82 0.00 | 39.85 0.90 0.00 | 38.90 0.91 0.00 | 37.78 0.92 0.00 | 37.65 0.92 0.00 | 37.80 0.99 0.00 | 40.34 1.33 0.00 | 46.41 1.61 0.00 | 57.65 2.22 0.00 | 61.54 2.14 0.00 | 52.48 1.28 0.00 | 50.66 1.33 0.00 | 46.24 1.30 0.00 | 42.22 1.11 0.00 | 41.20 1.16 0.00 |
| BRANSCOMB___SOLAR 323811 | 41.42 2.56 0.00 | 38.86 2.34 0.00 | 38.22 2.27 0.00 | 38.51 2.32 0.00 | 39.70 2.42 0.00 | 43.93 2.09 0.00 | 55.47 2.69 0.00 | 60.86 2.79 0.00 | 49.41 2.08 0.00 | 42.66 1.68 0.00 | 40.28 1.33 0.00 | 39.28 1.29 0.00 | 38.01 1.14 0.00 | 37.94 1.21 0.00 | 37.99 1.18 0.00 | 40.61 1.60 0.00 | 46.86 2.06 0.00 | 58.15 2.72 0.00 | 62.43 3.03 0.00 | 53.96 2.76 0.00 | 52.34 3.01 0.00 | 47.54 2.61 0.00 | 44.03 2.92 0.00 | 42.88 2.84 0.00 |
| BRENTWOD_69_KV_W. BRTWOOD 56703 | 49.59 2.95 -7.79 | 44.55 2.67 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.88 2.61 0.00 | 47.47 2.68 -2.95 | 58.37 3.43 -2.16 | 61.50 3.43 0.00 | 50.21 2.89 0.00 | 43.57 2.58 0.00 | 41.14 2.18 0.00 | 40.15 2.17 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.87 2.06 0.00 | 41.47 2.46 0.00 | 48.03 3.23 0.00 | 58.70 3.27 0.00 | 63.20 3.80 0.00 | 54.89 3.69 0.00 | 53.03 3.70 0.00 | 50.29 3.64 -1.71 | 48.91 3.33 -4.47 | 47.53 3.04 -4.45 |

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| BRISTLHL_115KV_TB1 79998 | 38.70 -0.16 0.00 | 36.34 -0.18 0.00 | 35.84 -0.11 0.00 | 36.08 -0.11 0.00 | 37.24 -0.04 0.00 | 41.97 0.13 0.00 | 53.05 0.26 0.00 | 58.30 0.23 0.00 | 47.80 0.47 0.00 | 41.15 0.16 0.00 | 39.19 0.23 0.00 | 38.14 0.15 0.00 | 37.01 0.15 0.00 | 36.81 0.07 0.00 | 36.92 0.11 0.00 | 39.09 0.08 0.00 | 44.80 0.00 0.00 | 55.26 -0.17 0.00 | 59.28 -0.12 0.00 | 51.05 -0.15 0.00 | 48.93 -0.39 0.00 | 44.71 -0.22 0.00 | 40.82 -0.29 0.00 | 39.84 -0.20 0.00 |
| BROOKHAVEN___DRP 24191 | 49.16 2.53 -7.79 | 44.11 2.23 -5.36 | 38.93 2.26 -0.71 | 38.47 2.28 0.00 | 39.55 2.27 0.00 | 46.72 1.92 -2.95 | 57.37 2.43 -2.16 | 60.63 2.56 0.00 | 48.98 1.66 0.00 | 42.62 1.64 0.00 | 39.97 1.01 0.00 | 39.24 1.25 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.62 0.81 0.00 | 40.14 1.13 0.00 | 42.85 1.39 3.34 | 45.85 1.11 10.69 | 47.85 1.49 13.04 | 42.09 1.74 10.85 | 44.86 1.78 6.24 | 40.42 1.84 6.36 | 38.01 1.69 4.78 | 35.19 1.44 6.29 |
| BROOKLYN_NAVY_YARD 23515 | 40.95 2.10 0.00 | 38.27 1.75 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.72 0.00 | 43.39 1.55 0.00 | 55.05 2.27 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.19 2.21 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.79 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.72 2.79 0.00 | 43.53 2.42 0.00 | 42.28 2.24 0.00 |
| BROOKLYN___ARMY_DRP 323595 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| BROOKVLE_69_KV_TB1 55790 | 49.51 2.88 -7.79 | 44.40 2.52 -5.36 | 39.11 2.44 -0.71 | 38.62 2.42 0.00 | 39.70 2.42 0.00 | 47.35 2.55 -2.95 | 58.32 3.38 -2.16 | 61.61 3.54 0.00 | 50.17 2.84 0.00 | 43.57 2.58 0.00 | 41.25 2.30 0.00 | 40.27 2.28 0.00 | 38.89 2.03 0.00 | 38.79 2.06 0.00 | 38.98 2.17 0.00 | 41.55 2.54 0.00 | 48.07 3.27 0.00 | 58.87 3.44 0.00 | 63.26 3.86 0.00 | 55.14 3.94 0.00 | 53.18 3.85 0.00 | 50.29 3.64 -1.71 | 48.91 3.33 -4.47 | 47.57 3.08 -4.45 |
| BROOME_2_LFGE 323671 | 38.74 -0.12 0.00 | 36.45 -0.07 0.00 | 35.88 -0.07 0.00 | 36.16 -0.04 0.00 | 37.31 0.04 0.00 | 42.09 0.25 0.00 | 53.05 0.27 0.00 | 58.19 0.12 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 39.03 0.08 0.00 | 37.95 -0.04 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.66 -0.15 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.77 -0.66 0.00 | 58.75 -0.65 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.62 -0.49 0.00 | 39.64 -0.40 0.00 |
| BROOME___LFGE 323600 | 38.74 -0.12 0.00 | 36.45 -0.07 0.00 | 35.88 -0.07 0.00 | 36.16 -0.04 0.00 | 37.31 0.04 0.00 | 42.09 0.25 0.00 | 53.05 0.27 0.00 | 58.19 0.12 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 39.03 0.08 0.00 | 37.95 -0.04 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.66 -0.15 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.77 -0.66 0.00 | 58.75 -0.65 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.62 -0.49 0.00 | 39.64 -0.40 0.00 |
| BROWNFLS_115KV_TB_3_5 80003 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.61 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.06 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.47 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| BROWNSV1_27_KV_LOAD 356125 | 41.22 2.37 0.00 | 38.60 2.08 0.00 | 37.97 2.01 0.00 | 38.18 1.99 0.00 | 39.25 1.98 0.00 | 43.76 1.92 0.00 | 55.48 2.69 0.00 | 61.09 3.02 0.00 | 49.88 2.56 0.00 | 43.44 2.46 0.00 | 41.18 2.22 0.00 | 40.23 2.24 0.00 | 39.00 2.14 0.00 | 38.90 2.17 0.00 | 39.05 2.25 0.00 | 41.31 2.30 0.00 | 47.62 2.82 0.00 | 58.70 3.27 0.00 | 62.97 3.56 0.00 | 54.84 3.64 0.00 | 52.78 3.45 0.00 | 48.04 3.10 0.00 | 43.99 2.88 0.00 | 42.60 2.56 0.00 |
| BURROWS___LYONSDAL 23803 | 39.47 0.62 0.00 | 37.03 0.51 0.00 | 36.46 0.50 0.00 | 36.77 0.58 0.00 | 37.91 0.63 0.00 | 42.72 0.88 0.00 | 54.05 1.27 0.00 | 59.75 1.68 0.00 | 48.51 1.18 0.00 | 42.21 1.23 0.00 | 39.97 1.01 0.00 | 39.01 1.03 0.00 | 37.90 1.03 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.22 1.21 0.00 | 46.23 1.43 0.00 | 57.54 2.11 0.00 | 61.24 1.84 0.00 | 52.33 1.13 0.00 | 50.27 0.94 0.00 | 45.74 0.81 0.00 | 41.85 0.74 0.00 | 40.72 0.68 0.00 |
| CAITHNESS_CC_1 323624 | 49.09 2.45 -7.79 | 44.00 2.12 -5.36 | 38.86 2.19 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 46.59 1.80 -2.95 | 57.53 2.59 -2.16 | 60.91 2.84 0.00 | 49.60 2.27 0.00 | 42.54 1.56 0.00 | 39.73 0.78 0.00 | 39.17 1.18 0.00 | 37.75 0.88 0.00 | 37.65 0.92 0.00 | 37.54 0.74 0.00 | 40.07 1.05 0.00 | 42.76 1.30 3.34 | 45.79 1.05 10.69 | 47.61 1.25 13.04 | 42.09 1.74 10.85 | 44.66 1.58 6.24 | 40.28 1.71 6.36 | 37.81 1.48 4.78 | 35.07 1.32 6.29 |
| CALPINE BETH_PAGE_GT4 24209 | 49.47 2.84 -7.79 | 44.37 2.48 -5.36 | 39.00 2.34 -0.71 | 38.44 2.24 0.00 | 39.51 2.24 0.00 | 47.09 2.30 -2.95 | 58.00 3.06 -2.16 | 61.21 3.14 0.00 | 49.88 2.56 0.00 | 43.40 2.42 0.00 | 41.14 2.18 0.00 | 40.15 2.17 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.47 2.46 0.00 | 48.03 3.23 0.00 | 58.87 3.44 0.00 | 63.26 3.86 0.00 | 55.04 3.84 0.00 | 53.08 3.75 0.00 | 50.24 3.59 -1.71 | 48.86 3.29 -4.47 | 47.49 3.00 -4.45 |
| CALPINE_BETH_PAGE_GT_4 323586 | 49.47 2.83 -7.79 | 44.37 2.48 -5.36 | 39.00 2.34 -0.71 | 38.44 2.24 0.00 | 39.51 2.24 0.00 | 47.05 2.26 -2.95 | 58.06 3.11 -2.16 | 61.55 3.48 0.00 | 50.07 2.74 0.00 | 43.40 2.42 0.00 | 41.06 2.10 0.00 | 40.15 2.16 0.00 | 38.85 1.99 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.51 2.50 0.00 | 48.03 3.23 0.00 | 58.92 3.49 0.00 | 63.21 3.81 0.00 | 55.14 3.94 0.00 | 53.08 3.75 0.00 | 50.20 3.55 -1.71 | 48.74 3.17 -4.47 | 47.45 2.96 -4.45 |
| CALPINE_BP_GT1 23823 | 49.47 2.83 -7.79 | 44.37 2.48 -5.36 | 39.00 2.34 -0.71 | 38.44 2.24 0.00 | 39.51 2.24 0.00 | 47.05 2.26 -2.95 | 58.06 3.11 -2.16 | 61.55 3.48 0.00 | 50.07 2.74 0.00 | 43.40 2.42 0.00 | 41.06 2.10 0.00 | 40.15 2.16 0.00 | 38.85 1.99 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.51 2.50 0.00 | 48.03 3.23 0.00 | 58.92 3.49 0.00 | 63.21 3.81 0.00 | 55.14 3.94 0.00 | 53.08 3.75 0.00 | 50.20 3.55 -1.71 | 48.74 3.17 -4.47 | 47.45 2.96 -4.45 |
| CALSPAN___DRP 24200 | 36.91 -1.94 0.00 | 34.80 -1.72 0.00 | 34.41 -1.55 0.00 | 34.74 -1.45 0.00 | 36.04 -1.23 0.00 | 40.92 -0.92 0.00 | 51.25 -1.53 0.00 | 56.04 -2.03 0.00 | 45.95 -1.37 0.00 | 39.34 -1.64 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 34.97 -1.76 0.00 | 35.00 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.22 -5.21 0.00 | 53.70 -5.70 0.00 | 46.13 -5.02 0.06 | 44.15 -5.18 0.00 | 40.71 -4.22 0.00 | 37.37 -3.74 0.00 | 37.08 -2.96 0.00 |

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| CALVERTON___SOLAR 323806 | 49.24 2.60 -7.79 | 44.18 2.30 -5.36 | 39.04 2.37 -0.71 | 38.58 2.39 0.00 | 39.66 2.39 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.83 2.51 0.00 | 42.74 1.76 0.00 | 39.89 0.93 0.00 | 39.28 1.29 0.00 | 37.86 1.00 0.00 | 37.76 1.03 0.00 | 37.62 0.81 0.00 | 40.22 1.21 0.00 | 42.95 1.43 3.29 | 46.19 1.28 10.52 | 48.06 1.49 12.83 | 42.52 1.99 10.68 | 45.01 1.83 6.14 | 40.64 1.93 6.23 | 38.13 1.65 4.63 | 35.41 1.48 6.11 |
| CANDIGU_WT_PWR 323617 | 37.61 -1.24 0.00 | 35.42 -1.09 0.00 | 34.80 -1.15 0.00 | 35.11 -1.08 0.00 | 36.38 -0.89 0.00 | 41.46 -0.38 0.00 | 52.04 -0.74 0.00 | 56.97 -1.11 0.00 | 46.62 -0.71 0.00 | 39.96 -1.02 0.00 | 38.33 -0.62 0.00 | 37.15 -0.84 0.00 | 35.98 -0.89 0.00 | 35.67 -1.07 0.00 | 35.85 -0.96 0.00 | 37.73 -1.29 0.00 | 42.88 -1.93 0.00 | 52.49 -2.94 0.00 | 56.08 -3.33 0.00 | 47.86 -3.02 0.31 | 45.73 -3.60 0.00 | 42.02 -2.92 0.00 | 38.44 -2.67 0.00 | 37.72 -2.32 0.00 |
| CARR STREET_E_SYR 24060 | 38.11 -0.74 0.00 | 35.86 -0.66 0.00 | 35.34 -0.61 0.00 | 35.61 -0.58 0.00 | 36.68 -0.60 0.00 | 41.34 -0.50 0.00 | 52.10 -0.69 0.00 | 57.26 -0.81 0.00 | 46.85 -0.47 0.00 | 40.41 -0.57 0.00 | 38.53 -0.43 0.00 | 37.49 -0.49 0.00 | 36.35 -0.52 0.00 | 36.18 -0.55 0.00 | 36.26 -0.55 0.00 | 38.35 -0.66 0.00 | 43.95 -0.85 0.00 | 54.16 -1.27 0.00 | 58.09 -1.31 0.00 | 50.07 -1.13 0.00 | 48.10 -1.23 0.00 | 43.95 -0.99 0.00 | 40.16 -0.94 0.00 | 39.16 -0.88 0.00 |
| CARTHAGE___PAPER 23857 | 39.44 0.58 0.00 | 36.96 0.44 0.00 | 36.42 0.47 0.00 | 36.74 0.54 0.00 | 37.91 0.63 0.00 | 42.80 0.96 0.00 | 54.21 1.43 0.00 | 60.05 1.98 0.00 | 48.79 1.47 0.00 | 42.33 1.35 0.00 | 40.16 1.21 0.00 | 39.13 1.14 0.00 | 37.89 1.03 0.00 | 37.76 1.03 0.00 | 37.84 1.03 0.00 | 40.42 1.40 0.00 | 46.46 1.66 0.00 | 57.98 2.55 0.00 | 61.72 2.31 0.00 | 52.48 1.28 0.00 | 50.41 1.08 0.00 | 45.92 0.99 0.00 | 41.97 0.86 0.00 | 40.84 0.80 0.00 |
| CASSADAGA_WT_PWR 323784 | 37.07 -1.79 0.00 | 34.95 -1.57 0.00 | 34.34 -1.62 0.00 | 34.85 -1.34 0.00 | 36.31 -0.97 0.00 | 41.97 0.13 0.00 | 52.84 0.05 0.00 | 57.84 -0.23 0.00 | 47.66 0.33 0.00 | 40.74 -0.24 0.00 | 39.23 0.27 0.00 | 37.68 -0.31 0.00 | 36.24 -0.63 0.00 | 35.60 -1.14 0.00 | 35.30 -1.51 0.00 | 36.52 -2.50 0.00 | 41.13 -3.67 0.00 | 49.83 -5.60 0.00 | 53.10 -6.30 0.00 | 45.58 -5.58 0.04 | 43.46 -5.87 0.00 | 40.31 -4.63 0.00 | 37.29 -3.82 0.00 | 36.72 -3.32 0.00 |
| CE_DUNWOOD___DRP 24194 | 40.76 1.90 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.84 1.57 0.00 | 43.35 1.51 0.00 | 54.79 2.01 0.00 | 60.33 2.26 0.00 | 49.27 1.94 0.00 | 42.87 1.89 0.00 | 40.63 1.68 0.00 | 39.66 1.67 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.46 1.66 0.00 | 40.77 1.76 0.00 | 46.95 2.15 0.00 | 57.92 2.49 0.00 | 62.13 2.73 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.41 2.47 0.00 | 43.41 2.30 0.00 | 42.08 2.04 0.00 |
| CE_MILLWOOD___DRP 24193 | 40.68 1.83 0.00 | 38.09 1.57 0.00 | 37.50 1.55 0.00 | 37.71 1.52 0.00 | 38.80 1.53 0.00 | 43.26 1.42 0.00 | 54.68 1.90 0.00 | 60.22 2.15 0.00 | 49.17 1.85 0.00 | 42.79 1.80 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.69 1.68 0.00 | 46.86 2.06 0.00 | 57.81 2.38 0.00 | 62.02 2.61 0.00 | 53.91 2.71 0.00 | 51.94 2.61 0.00 | 47.32 2.38 0.00 | 43.33 2.22 0.00 | 42.00 1.96 0.00 |
| CE_NYC2_DRP 24202 | 41.15 2.29 -0.01 | 38.54 2.01 -0.01 | 37.94 1.98 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.68 1.84 0.00 | 55.26 2.48 0.00 | 60.74 2.67 0.00 | 49.65 2.32 0.00 | 43.28 2.30 0.00 | 41.06 2.10 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.84 2.09 -0.01 | 38.95 2.13 -0.01 | 41.20 2.18 0.00 | 47.44 2.64 0.00 | 58.42 2.99 0.00 | 62.49 3.09 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| CE_NYC_DRP 24195 | 40.99 2.14 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 40.00 2.01 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.83 2.02 0.00 | 41.12 2.11 0.00 | 47.35 2.55 0.00 | 58.37 2.94 0.00 | 62.55 3.15 0.00 | 54.48 3.28 0.00 | 52.44 3.11 0.00 | 47.77 2.83 0.00 | 43.70 2.59 0.00 | 42.36 2.32 0.00 |
| CHAFFEE___LFGE 323603 | 37.10 -1.75 0.00 | 35.13 -1.39 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.27 -1.00 0.00 | 41.55 -0.29 0.00 | 51.73 -1.06 0.00 | 56.44 -1.63 0.00 | 46.28 -1.04 0.00 | 39.59 -1.39 0.00 | 38.25 -0.70 0.00 | 36.89 -1.10 0.00 | 35.65 -1.22 0.00 | 35.19 -1.54 0.00 | 35.34 -1.47 0.00 | 36.79 -2.22 0.00 | 41.62 -3.18 0.00 | 50.61 -4.82 0.00 | 54.17 -5.23 0.00 | 46.60 -4.56 0.05 | 44.45 -4.88 0.00 | 41.12 -3.82 0.00 | 37.86 -3.25 0.00 | 37.28 -2.76 0.00 |
| CHATEAUG_35_KV_LOAD 355732 | 38.66 -0.19 0.00 | 36.34 -0.18 0.00 | 35.74 -0.22 0.00 | 35.83 -0.36 0.00 | 36.94 -0.34 0.00 | 41.67 -0.17 0.00 | 52.52 -0.26 0.00 | 58.07 0.00 0.00 | 47.28 -0.05 0.00 | 41.02 0.04 0.00 | 39.07 0.12 0.00 | 38.14 0.15 0.00 | 37.08 0.22 0.00 | 37.03 0.29 0.00 | 37.25 0.44 0.00 | 39.83 0.82 0.00 | 46.01 1.21 0.00 | 57.26 1.83 0.00 | 61.24 1.84 0.00 | 52.22 1.02 0.00 | 50.27 0.94 0.00 | 45.65 0.72 0.00 | 41.44 0.33 0.00 | 40.36 0.32 0.00 |
| CHATEAUG_WT_PWR 323614 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.56 -0.39 0.00 | 35.61 -0.58 0.00 | 36.72 -0.56 0.00 | 41.42 -0.42 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.00 -0.33 0.00 | 40.82 -0.16 0.00 | 38.88 -0.08 0.00 | 37.99 0.00 0.00 | 36.94 0.07 0.00 | 36.92 0.18 0.00 | 37.14 0.33 0.00 | 39.72 0.70 0.00 | 45.87 1.07 0.00 | 57.09 1.66 0.00 | 61.06 1.66 0.00 | 52.12 0.92 0.00 | 50.12 0.79 0.00 | 45.52 0.58 0.00 | 41.27 0.17 0.00 | 40.24 0.20 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 38.66 -0.19 0.00 | 36.34 -0.18 0.00 | 35.74 -0.22 0.00 | 35.83 -0.36 0.00 | 36.94 -0.34 0.00 | 41.67 -0.17 0.00 | 52.52 -0.26 0.00 | 58.07 0.00 0.00 | 47.28 -0.05 0.00 | 41.02 0.04 0.00 | 39.07 0.12 0.00 | 38.14 0.15 0.00 | 37.08 0.22 0.00 | 37.03 0.29 0.00 | 37.25 0.44 0.00 | 39.83 0.82 0.00 | 46.01 1.21 0.00 | 57.26 1.83 0.00 | 61.24 1.84 0.00 | 52.22 1.02 0.00 | 50.27 0.94 0.00 | 45.65 0.72 0.00 | 41.44 0.33 0.00 | 40.36 0.32 0.00 |
| CHAUTAUQUA___LFGE 323629 | 37.26 -1.59 0.00 | 35.21 -1.31 0.00 | 34.62 -1.33 0.00 | 35.03 -1.16 0.00 | 36.42 -0.86 0.00 | 41.84 0.00 0.00 | 52.36 -0.42 0.00 | 57.20 -0.87 0.00 | 47.00 -0.33 0.00 | 40.20 -0.78 0.00 | 38.76 -0.19 0.00 | 37.27 -0.72 0.00 | 35.94 -0.92 0.00 | 35.41 -1.32 0.00 | 35.37 -1.44 0.00 | 36.67 -2.34 0.00 | 41.44 -3.36 0.00 | 50.39 -5.04 0.00 | 53.88 -5.52 0.00 | 46.24 -4.92 0.05 | 44.15 -5.18 0.00 | 40.85 -4.09 0.00 | 37.70 -3.41 0.00 | 37.12 -2.92 0.00 |
| CHERRYST_13_KV_LD 356241 | 41.07 2.21 0.00 | 38.45 1.94 0.00 | 37.82 1.87 0.00 | 38.07 1.88 0.00 | 39.14 1.86 0.00 | 43.64 1.80 0.00 | 55.26 2.48 0.00 | 60.92 2.85 0.00 | 49.74 2.41 0.00 | 43.36 2.38 0.00 | 41.10 2.14 0.00 | 40.12 2.13 0.00 | 38.89 2.03 0.00 | 38.83 2.09 0.00 | 38.94 2.13 0.00 | 41.24 2.22 0.00 | 47.49 2.69 0.00 | 58.53 3.10 0.00 | 62.79 3.39 0.00 | 54.63 3.43 0.00 | 52.63 3.31 0.00 | 47.86 2.92 0.00 | 43.82 2.71 0.00 | 42.48 2.44 0.00 |

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| CHESTROR_138KV_BK263 355645 | 40.33 1.48 0.00 | 37.83 1.31 0.00 | 37.21 1.26 0.00 | 37.42 1.23 0.00 | 38.51 1.23 0.00 | 43.01 1.17 0.00 | 54.37 1.58 0.00 | 59.81 1.74 0.00 | 48.79 1.47 0.00 | 42.38 1.39 0.00 | 40.16 1.21 0.00 | 39.20 1.22 0.00 | 38.01 1.14 0.00 | 37.91 1.18 0.00 | 38.02 1.21 0.00 | 40.30 1.29 0.00 | 46.41 1.61 0.00 | 57.37 1.94 0.00 | 61.54 2.14 0.00 | 53.40 2.20 0.00 | 51.50 2.17 0.00 | 46.82 1.89 0.00 | 42.92 1.81 0.00 | 41.64 1.60 0.00 |
| CH_MIDHUDSON___DRP 24192 | 40.72 1.86 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.88 1.60 0.00 | 43.43 1.59 0.00 | 54.89 2.11 0.00 | 60.45 2.38 0.00 | 49.27 1.94 0.00 | 42.75 1.76 0.00 | 40.47 1.52 0.00 | 39.51 1.52 0.00 | 38.26 1.40 0.00 | 38.20 1.47 0.00 | 38.32 1.51 0.00 | 40.65 1.64 0.00 | 46.86 2.06 0.00 | 57.92 2.49 0.00 | 62.13 2.73 0.00 | 54.02 2.82 0.00 | 52.09 2.76 0.00 | 47.32 2.38 0.00 | 43.37 2.26 0.00 | 42.04 2.00 0.00 |
| CH_MISC_IPPS 23765 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.56 1.72 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.47 1.52 0.00 | 39.55 1.56 0.00 | 38.38 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.81 1.80 0.00 | 47.08 2.28 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.45 2.34 0.00 | 42.16 2.12 0.00 |
| CH_RES_BVR_FALLS 23983 | 38.27 -0.58 0.00 | 35.97 -0.55 0.00 | 35.41 -0.54 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.42 -0.42 0.00 | 52.36 -0.42 0.00 | 57.84 -0.23 0.00 | 47.18 -0.14 0.00 | 40.98 0.00 0.00 | 38.99 0.04 0.00 | 38.03 0.04 0.00 | 36.90 0.04 0.00 | 36.81 0.07 0.00 | 36.88 0.07 0.00 | 39.21 0.20 0.00 | 45.07 0.27 0.00 | 55.76 0.33 0.00 | 59.58 0.18 0.00 | 50.95 -0.25 0.00 | 48.93 -0.40 0.00 | 44.44 -0.49 0.00 | 40.57 -0.54 0.00 | 39.52 -0.52 0.00 |
| CH_RES_NIAGARA 23895 | 35.67 -3.19 0.00 | 33.71 -2.81 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.41 -2.43 0.00 | 49.19 -3.59 0.00 | 53.60 -4.47 0.00 | 43.97 -3.36 0.00 | 37.70 -3.28 0.00 | 35.88 -3.08 0.00 | 34.95 -3.04 0.00 | 34.02 -2.84 0.00 | 33.54 -3.20 0.00 | 33.61 -3.20 0.00 | 34.99 -4.02 0.00 | 39.56 -5.24 0.00 | 48.00 -7.43 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.00 | 42.47 -6.86 0.00 | 39.27 -5.66 0.00 | 36.01 -5.10 0.00 | 35.88 -4.16 0.00 |
| CH_RES_SYRACUSE 23985 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.76 -0.08 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.24 0.00 | 38.84 -0.12 0.00 | 37.80 -0.19 0.00 | 36.64 -0.22 0.00 | 36.44 -0.30 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.77 -0.66 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.59 -0.74 0.00 | 44.40 -0.54 0.00 | 40.57 -0.54 0.00 | 39.56 -0.48 0.00 |
| CLINTON_WT_PWR 323605 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.56 -0.39 0.00 | 35.61 -0.58 0.00 | 36.72 -0.56 0.00 | 41.42 -0.42 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.00 -0.33 0.00 | 40.82 -0.16 0.00 | 38.88 -0.08 0.00 | 37.99 0.00 0.00 | 36.94 0.07 0.00 | 36.92 0.18 0.00 | 37.14 0.33 0.00 | 39.72 0.70 0.00 | 45.87 1.07 0.00 | 57.09 1.66 0.00 | 61.06 1.66 0.00 | 52.12 0.92 0.00 | 50.12 0.79 0.00 | 45.52 0.58 0.00 | 41.27 0.17 0.00 | 40.24 0.20 0.00 |
| CLINTON___LFGE 323618 | 38.93 0.08 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.01 -0.18 0.00 | 37.05 -0.22 0.00 | 41.92 0.08 0.00 | 52.57 -0.21 0.00 | 58.30 0.23 0.00 | 47.47 0.14 0.00 | 41.23 0.25 0.00 | 39.30 0.35 0.00 | 38.41 0.42 0.00 | 37.38 0.52 0.00 | 37.43 0.70 0.00 | 37.73 0.92 0.00 | 40.53 1.52 0.00 | 46.95 2.15 0.00 | 58.64 3.21 0.00 | 62.79 3.38 0.00 | 53.30 2.10 0.00 | 51.10 1.77 0.00 | 46.37 1.44 0.00 | 41.81 0.70 0.00 | 40.96 0.92 0.00 |
| COBBLENY_34_KV_TB1 80064 | 37.10 -1.75 0.00 | 35.02 -1.50 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.27 -1.01 0.00 | 41.17 -0.67 0.00 | 51.62 -1.16 0.00 | 56.39 -1.68 0.00 | 46.24 -1.09 0.00 | 39.59 -1.39 0.00 | 37.63 -1.32 0.00 | 36.66 -1.33 0.00 | 35.61 -1.25 0.00 | 35.19 -1.54 0.00 | 35.23 -1.58 0.00 | 36.79 -2.22 0.00 | 41.62 -3.18 0.00 | 50.66 -4.77 0.00 | 54.17 -5.23 0.00 | 46.60 -4.56 0.05 | 44.50 -4.83 0.00 | 41.03 -3.91 0.00 | 37.65 -3.45 0.00 | 37.36 -2.68 0.00 |
| COFFEEN___115KV_TB3 355620 | 40.02 1.17 0.00 | 37.47 0.95 0.00 | 36.92 0.97 0.00 | 37.28 1.09 0.00 | 38.51 1.23 0.00 | 43.51 1.67 0.00 | 55.21 2.43 0.00 | 61.03 2.96 0.00 | 49.79 2.46 0.00 | 42.95 1.97 0.00 | 40.67 1.71 0.00 | 39.55 1.56 0.00 | 38.37 1.51 0.00 | 38.09 1.36 0.00 | 38.17 1.36 0.00 | 40.81 1.79 0.00 | 46.95 2.15 0.00 | 58.76 3.33 0.00 | 62.73 3.33 0.00 | 53.35 2.15 0.00 | 51.20 1.87 0.00 | 46.60 1.66 0.00 | 42.55 1.44 0.00 | 41.40 1.36 0.00 |
| COLDSPRG_115KV_BK1 355956 | 38.15 -0.70 0.00 | 35.90 -0.62 0.00 | 35.41 -0.54 0.00 | 35.83 -0.36 0.00 | 37.28 0.00 0.00 | 42.55 0.71 0.00 | 53.73 0.95 0.00 | 58.83 0.75 0.00 | 48.32 0.99 0.00 | 41.35 0.37 0.00 | 39.23 0.27 0.00 | 38.14 0.15 0.00 | 36.94 0.07 0.00 | 36.44 -0.29 0.00 | 36.29 -0.52 0.00 | 37.84 -1.17 0.00 | 42.78 -2.02 0.00 | 52.16 -3.27 0.00 | 55.60 -3.80 0.00 | 48.05 -3.12 0.03 | 45.53 -3.80 0.00 | 42.01 -2.92 0.00 | 38.60 -2.51 0.00 | 38.20 -1.84 0.00 |
| COLONIE_LFGE___ 323577 | 40.64 1.79 0.00 | 38.16 1.64 0.00 | 37.50 1.54 0.00 | 37.75 1.56 0.00 | 38.88 1.60 0.00 | 43.34 1.50 0.00 | 54.68 1.90 0.00 | 60.05 1.98 0.00 | 48.89 1.56 0.00 | 42.42 1.43 0.00 | 40.20 1.25 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.91 1.10 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.37 1.94 0.00 | 61.48 2.08 0.00 | 53.30 2.10 0.00 | 51.60 2.27 0.00 | 46.91 1.97 0.00 | 43.12 2.01 0.00 | 42.00 1.96 0.00 |
| COOPERNY_115KV_TB1 80082 | 40.06 1.20 0.00 | 37.58 1.06 0.00 | 36.96 1.01 0.00 | 37.20 1.01 0.00 | 38.28 1.01 0.00 | 42.80 0.96 0.00 | 54.05 1.27 0.00 | 59.52 1.45 0.00 | 48.51 1.18 0.00 | 42.13 1.15 0.00 | 39.97 1.01 0.00 | 38.98 0.99 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.80 0.99 0.00 | 40.07 1.05 0.00 | 46.10 1.30 0.00 | 56.98 1.55 0.00 | 61.12 1.72 0.00 | 52.99 1.79 0.00 | 51.06 1.73 0.00 | 46.46 1.53 0.00 | 42.59 1.48 0.00 | 41.36 1.32 0.00 |
| COPENHAGEN_WT_PWR 323753 | 39.63 0.78 0.00 | 37.14 0.62 0.00 | 36.60 0.65 0.00 | 36.91 0.72 0.00 | 38.09 0.82 0.00 | 43.05 1.21 0.00 | 54.52 1.74 0.00 | 60.28 2.21 0.00 | 49.22 1.90 0.00 | 42.50 1.52 0.00 | 40.40 1.44 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.76 1.03 0.00 | 37.88 1.07 0.00 | 40.38 1.36 0.00 | 46.41 1.61 0.00 | 57.93 2.50 0.00 | 61.84 2.44 0.00 | 52.69 1.49 0.00 | 50.56 1.23 0.00 | 46.06 1.12 0.00 | 42.09 0.98 0.00 | 40.96 0.92 0.00 |
| CORNELL_____ 23752 | 39.36 0.51 0.00 | 36.96 0.44 0.00 | 36.42 0.47 0.00 | 36.66 0.47 0.00 | 37.87 0.60 0.00 | 42.72 0.88 0.00 | 54.05 1.27 0.00 | 59.35 1.28 0.00 | 48.37 1.04 0.00 | 41.60 0.61 0.00 | 39.50 0.55 0.00 | 38.41 0.42 0.00 | 37.23 0.37 0.00 | 37.03 0.29 0.00 | 37.18 0.37 0.00 | 39.44 0.43 0.00 | 45.29 0.49 0.00 | 56.15 0.72 0.00 | 60.29 0.89 -0.02 | 51.94 0.72 0.00 | 49.72 0.39 0.00 | 45.38 0.45 0.00 | 41.40 0.29 0.00 | 40.36 0.32 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| CORONA__69_KV_TB1 355595 | 49.32 2.68 -7.79 | 44.26 2.37 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.11 3.17 -2.16 | 61.32 3.25 0.00 | 49.98 2.65 0.00 | 43.40 2.42 0.00 | 41.10 2.14 0.00 | 40.12 2.13 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.83 2.02 0.00 | 41.35 2.34 0.00 | 47.85 3.05 0.00 | 58.70 3.27 0.00 | 63.03 3.62 0.00 | 54.89 3.69 0.00 | 52.93 3.60 0.00 | 50.06 3.42 -1.71 | 48.74 3.17 -4.47 | 47.37 2.88 -4.45 |
| CORTLAND__115KV_TB3 80093 | 39.05 0.19 0.00 | 36.67 0.15 0.00 | 36.13 0.18 0.00 | 36.41 0.22 0.00 | 37.57 0.30 0.00 | 42.30 0.46 0.00 | 53.47 0.69 0.00 | 58.77 0.70 0.00 | 47.89 0.57 0.00 | 41.27 0.29 0.00 | 39.23 0.27 0.00 | 38.18 0.19 0.00 | 37.05 0.18 0.00 | 36.84 0.11 0.00 | 36.96 0.15 0.00 | 39.13 0.12 0.00 | 44.89 0.09 0.00 | 55.60 0.17 0.00 | 59.64 0.24 0.00 | 51.35 0.15 0.00 | 49.28 -0.05 0.00 | 44.98 0.04 0.00 | 41.07 -0.04 0.00 | 40.08 0.04 0.00 |
| COXSACKIE__GT 23611 | 41.53 2.68 0.00 | 39.04 2.52 0.00 | 38.36 2.41 0.00 | 38.65 2.46 0.00 | 39.81 2.54 0.00 | 44.64 2.80 0.00 | 56.79 4.01 0.00 | 62.25 4.18 0.00 | 50.12 2.79 0.00 | 42.87 1.89 0.00 | 40.32 1.36 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.98 1.25 0.00 | 38.21 1.40 0.00 | 40.73 1.71 0.00 | 47.17 2.37 0.00 | 59.03 3.60 0.00 | 63.50 4.10 0.00 | 54.73 3.53 0.00 | 52.88 3.55 0.00 | 47.77 2.83 0.00 | 43.86 2.75 0.00 | 42.64 2.60 0.00 |
| CPV_VALLEY__CC1 323721 | 40.06 1.21 0.00 | 37.54 1.02 0.00 | 36.96 1.01 0.00 | 37.17 0.98 0.00 | 38.24 0.97 0.00 | 42.72 0.88 0.00 | 54.00 1.21 0.00 | 59.46 1.39 0.00 | 48.51 1.18 0.00 | 42.13 1.15 0.00 | 39.89 0.93 0.00 | 38.97 0.99 0.00 | 37.79 0.92 0.00 | 37.69 0.95 0.00 | 37.80 0.99 0.00 | 40.10 1.09 0.00 | 46.10 1.30 0.00 | 56.93 1.50 0.00 | 61.06 1.66 0.00 | 52.99 1.79 0.00 | 51.06 1.73 0.00 | 46.46 1.53 0.00 | 42.51 1.40 0.00 | 41.32 1.28 0.00 |
| CPV_VALLEY__CC2 323722 | 40.06 1.21 0.00 | 37.54 1.02 0.00 | 36.96 1.01 0.00 | 37.17 0.98 0.00 | 38.24 0.97 0.00 | 42.72 0.88 0.00 | 54.00 1.21 0.00 | 59.46 1.39 0.00 | 48.51 1.18 0.00 | 42.13 1.15 0.00 | 39.89 0.93 0.00 | 38.97 0.99 0.00 | 37.79 0.92 0.00 | 37.69 0.95 0.00 | 37.80 0.99 0.00 | 40.10 1.09 0.00 | 46.10 1.30 0.00 | 56.93 1.50 0.00 | 61.06 1.66 0.00 | 52.99 1.79 0.00 | 51.06 1.73 0.00 | 46.46 1.53 0.00 | 42.51 1.40 0.00 | 41.32 1.28 0.00 |
| CRESCENT__HYD 24018 | 40.64 1.79 0.00 | 38.16 1.64 0.00 | 37.50 1.54 0.00 | 37.75 1.56 0.00 | 38.88 1.60 0.00 | 43.34 1.50 0.00 | 54.68 1.90 0.00 | 60.05 1.98 0.00 | 48.89 1.56 0.00 | 42.42 1.43 0.00 | 40.20 1.25 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.91 1.10 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.37 1.94 0.00 | 61.48 2.08 0.00 | 53.30 2.10 0.00 | 51.60 2.27 0.00 | 46.91 1.97 0.00 | 43.12 2.01 0.00 | 42.00 1.96 0.00 |
| CRICKET__VALLEY_CC1 323756 | 40.37 1.51 0.00 | 37.87 1.35 0.00 | 37.21 1.26 0.00 | 37.46 1.27 0.00 | 38.50 1.23 0.00 | 42.97 1.13 0.00 | 54.32 1.53 0.00 | 59.76 1.69 0.00 | 48.74 1.42 0.00 | 42.42 1.43 0.00 | 40.12 1.17 0.00 | 39.20 1.22 0.00 | 38.08 1.21 0.00 | 38.02 1.29 0.00 | 37.99 1.18 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.26 1.83 0.00 | 61.36 1.96 0.00 | 53.35 2.15 0.00 | 51.55 2.22 0.00 | 46.82 1.89 0.00 | 42.87 1.77 0.00 | 41.68 1.64 0.00 |
| CRICKET__VALLEY_CC2 323757 | 40.37 1.51 0.00 | 37.87 1.35 0.00 | 37.21 1.26 0.00 | 37.46 1.27 0.00 | 38.50 1.23 0.00 | 42.97 1.13 0.00 | 54.32 1.53 0.00 | 59.76 1.69 0.00 | 48.74 1.42 0.00 | 42.42 1.43 0.00 | 40.12 1.17 0.00 | 39.20 1.22 0.00 | 38.08 1.21 0.00 | 38.02 1.29 0.00 | 37.99 1.18 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.26 1.83 0.00 | 61.36 1.96 0.00 | 53.35 2.15 0.00 | 51.55 2.22 0.00 | 46.82 1.89 0.00 | 42.87 1.77 0.00 | 41.68 1.64 0.00 |
| CRICKET__VALLEY_CC3 323758 | 40.37 1.51 0.00 | 37.87 1.35 0.00 | 37.21 1.26 0.00 | 37.46 1.27 0.00 | 38.50 1.23 0.00 | 42.97 1.13 0.00 | 54.32 1.53 0.00 | 59.76 1.69 0.00 | 48.74 1.42 0.00 | 42.42 1.43 0.00 | 40.12 1.17 0.00 | 39.20 1.22 0.00 | 38.08 1.21 0.00 | 38.02 1.29 0.00 | 37.99 1.18 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.26 1.83 0.00 | 61.36 1.96 0.00 | 53.35 2.15 0.00 | 51.55 2.22 0.00 | 46.82 1.89 0.00 | 42.87 1.77 0.00 | 41.68 1.64 0.00 |
| CRUCIBLE_METL_DRP 24180 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |
| DAHOWA__HYDRO 323763 | 41.69 2.83 0.00 | 39.11 2.59 0.00 | 38.43 2.48 0.00 | 38.76 2.57 0.00 | 39.99 2.72 0.00 | 44.10 2.26 0.00 | 55.74 2.95 0.00 | 61.09 3.02 0.00 | 49.60 2.27 0.00 | 42.78 1.80 0.00 | 40.40 1.44 0.00 | 39.35 1.37 0.00 | 38.08 1.21 0.00 | 37.98 1.25 0.00 | 38.06 1.25 0.00 | 40.73 1.71 0.00 | 47.04 2.24 0.00 | 58.37 2.94 0.00 | 62.73 3.32 0.00 | 54.17 2.97 0.00 | 52.58 3.25 0.00 | 47.77 2.83 0.00 | 44.32 3.21 0.00 | 43.20 3.16 0.00 |
| DANC__LFGE 323619 | 39.20 0.35 0.00 | 36.78 0.26 0.00 | 36.24 0.29 0.00 | 36.55 0.36 0.00 | 37.72 0.45 0.00 | 42.55 0.71 0.00 | 53.78 1.00 0.00 | 59.35 1.28 0.00 | 48.55 1.23 0.00 | 41.85 0.86 0.00 | 39.89 0.93 0.00 | 38.79 0.80 0.00 | 37.60 0.74 0.00 | 37.32 0.59 0.00 | 37.43 0.63 0.00 | 39.79 0.78 0.00 | 45.65 0.85 0.00 | 56.76 1.33 0.00 | 60.71 1.31 0.00 | 51.86 0.66 0.00 | 49.77 0.44 0.00 | 45.38 0.45 0.00 | 41.52 0.41 0.00 | 40.44 0.40 0.00 |
| DANSKAMMER__1 23586 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.56 1.72 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.47 1.52 0.00 | 39.55 1.56 0.00 | 38.38 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.81 1.80 0.00 | 47.08 2.28 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.45 2.34 0.00 | 42.16 2.12 0.00 |
| DANSKAMMER__2 23589 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.56 1.72 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.47 1.52 0.00 | 39.55 1.56 0.00 | 38.38 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.81 1.80 0.00 | 47.08 2.28 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.45 2.34 0.00 | 42.16 2.12 0.00 |
| DANSKAMMER__3 23590 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.56 1.72 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.47 1.52 0.00 | 39.55 1.56 0.00 | 38.38 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.81 1.80 0.00 | 47.08 2.28 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.45 2.34 0.00 | 42.16 2.12 0.00 |

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| DANSKAMMER___4 23591 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.56 1.72 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.47 1.52 0.00 | 39.55 1.56 0.00 | 38.38 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.81 1.80 0.00 | 47.08 2.28 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.45 2.34 0.00 | 42.16 2.12 0.00 |
| DANSKAMMER___DIESEL 23592 | 40.87 2.02 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.60 1.76 0.00 | 55.21 2.43 0.00 | 60.74 2.67 0.00 | 49.46 2.13 0.00 | 42.87 1.89 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.34 1.47 0.00 | 38.24 1.51 0.00 | 38.39 1.58 0.00 | 40.77 1.76 0.00 | 47.09 2.28 0.00 | 58.20 2.77 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.53 2.43 0.00 | 42.20 2.16 0.00 |
| DARBY___SOLAR 323810 | 41.46 2.60 0.00 | 38.93 2.41 0.00 | 38.26 2.30 0.00 | 38.54 2.35 0.00 | 39.77 2.50 0.00 | 43.93 2.09 0.00 | 55.53 2.74 0.00 | 60.86 2.79 0.00 | 49.41 2.08 0.00 | 42.66 1.68 0.00 | 40.28 1.33 0.00 | 39.28 1.29 0.00 | 38.01 1.14 0.00 | 37.91 1.18 0.00 | 37.99 1.18 0.00 | 40.57 1.56 0.00 | 46.86 2.06 0.00 | 58.15 2.72 0.00 | 62.43 3.03 0.00 | 53.96 2.76 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 44.07 2.96 0.00 | 42.92 2.88 0.00 |
| DASHVILLE___HYD 23610 | 40.76 1.90 0.00 | 38.24 1.72 0.00 | 37.61 1.65 0.00 | 37.86 1.66 0.00 | 38.95 1.68 0.00 | 43.51 1.67 0.00 | 55.05 2.27 0.00 | 60.51 2.44 0.00 | 49.22 1.89 0.00 | 42.62 1.64 0.00 | 40.32 1.36 0.00 | 39.36 1.37 0.00 | 38.12 1.25 0.00 | 38.02 1.29 0.00 | 38.17 1.36 0.00 | 40.53 1.52 0.00 | 46.82 2.02 0.00 | 57.98 2.55 0.00 | 62.25 2.85 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.32 2.38 0.00 | 43.37 2.26 0.00 | 42.08 2.04 0.00 |
| DEERFIELD_69_KV_DEERFIELD LD 355887 | 49.47 2.84 -7.79 | 44.44 2.56 -5.36 | 39.36 2.70 -0.71 | 38.94 2.75 0.00 | 40.03 2.76 0.00 | 47.30 2.51 -2.95 | 58.06 3.11 -2.16 | 61.32 3.25 0.00 | 49.36 2.04 0.00 | 42.91 1.93 0.00 | 40.01 1.05 0.00 | 39.24 1.25 0.00 | 37.78 0.92 0.00 | 37.65 0.92 0.00 | 37.58 0.77 0.00 | 40.22 1.21 0.00 | 42.99 1.52 3.34 | 46.08 1.33 10.68 | 48.40 2.02 13.03 | 42.66 2.30 10.84 | 45.56 2.47 6.24 | 41.10 2.52 6.35 | 38.64 2.30 4.77 | 35.80 2.04 6.28 |
| DELAWARE___LFGE 323621 | 39.98 1.13 0.00 | 37.51 0.99 0.00 | 36.96 1.01 0.00 | 37.20 1.01 0.00 | 38.36 1.08 0.00 | 43.05 1.21 0.00 | 54.42 1.64 0.00 | 59.81 1.74 0.00 | 48.65 1.33 0.00 | 42.13 1.15 0.00 | 39.97 1.01 0.00 | 38.94 0.95 0.00 | 37.78 0.92 0.00 | 37.62 0.88 0.00 | 37.69 0.88 0.00 | 39.99 0.98 0.00 | 45.97 1.16 0.00 | 56.98 1.55 0.00 | 61.12 1.72 0.00 | 52.79 1.59 0.00 | 50.81 1.48 0.00 | 46.28 1.35 0.00 | 42.34 1.23 0.00 | 41.20 1.16 0.00 |
| DERFIELD_115KV_TB7 355931 | 38.97 0.12 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.30 0.11 0.00 | 37.39 0.11 0.00 | 41.92 0.08 0.00 | 52.89 0.11 0.00 | 58.24 0.17 0.00 | 47.37 0.05 0.00 | 41.07 0.08 0.00 | 39.03 0.08 0.00 | 38.06 0.08 0.00 | 36.94 0.07 0.00 | 36.81 0.07 0.00 | 36.88 0.07 0.00 | 39.05 0.04 0.00 | 44.85 0.04 0.00 | 55.60 0.17 0.00 | 59.58 0.18 0.00 | 51.35 0.15 0.00 | 49.48 0.15 0.00 | 45.03 0.09 0.00 | 41.23 0.12 0.00 | 40.12 0.08 0.00 |
| DOGLEVILLE___HYD 23807 | 38.27 -0.58 0.00 | 35.86 -0.66 0.00 | 35.23 -0.72 0.00 | 35.47 -0.72 0.00 | 36.49 -0.78 0.00 | 40.92 -0.92 0.00 | 51.52 -1.27 0.00 | 56.79 -1.28 0.00 | 46.28 -1.04 0.00 | 40.29 -0.70 0.00 | 38.21 -0.74 0.00 | 37.34 -0.65 0.00 | 36.27 -0.59 0.00 | 36.18 -0.55 0.00 | 36.26 -0.55 0.00 | 38.55 -0.47 0.00 | 44.44 -0.36 0.00 | 55.26 -0.17 0.00 | 59.17 -0.24 0.00 | 50.84 -0.36 0.00 | 48.84 -0.49 0.00 | 44.35 -0.59 0.00 | 40.45 -0.66 0.00 | 39.28 -0.76 0.00 |
| DUNKIRK___115KV_TB_200 55889 | 37.26 -1.59 0.00 | 35.10 -1.42 0.00 | 34.66 -1.29 0.00 | 35.03 -1.16 0.00 | 36.42 -0.86 0.00 | 41.46 -0.38 0.00 | 52.20 -0.58 0.00 | 57.08 -0.99 0.00 | 46.85 -0.47 0.00 | 40.12 -0.86 0.00 | 38.06 -0.90 0.00 | 37.00 -0.99 0.00 | 35.90 -0.96 0.00 | 35.38 -1.36 0.00 | 35.30 -1.51 0.00 | 36.71 -2.30 0.00 | 41.49 -3.32 0.00 | 50.50 -4.93 0.00 | 53.94 -5.46 0.00 | 46.34 -4.81 0.05 | 44.30 -5.03 0.00 | 40.89 -4.04 0.00 | 37.53 -3.58 0.00 | 37.24 -2.80 0.00 |
| DUNKIRK___1 23563 | 37.26 -1.59 0.00 | 35.10 -1.42 0.00 | 34.66 -1.29 0.00 | 35.03 -1.16 0.00 | 36.42 -0.86 0.00 | 41.46 -0.38 0.00 | 52.20 -0.58 0.00 | 57.08 -0.99 0.00 | 46.85 -0.47 0.00 | 40.12 -0.86 0.00 | 38.06 -0.90 0.00 | 37.00 -0.99 0.00 | 35.90 -0.96 0.00 | 35.38 -1.36 0.00 | 35.30 -1.51 0.00 | 36.71 -2.30 0.00 | 41.49 -3.32 0.00 | 50.50 -4.93 0.00 | 53.94 -5.46 0.00 | 46.34 -4.81 0.05 | 44.30 -5.03 0.00 | 40.89 -4.04 0.00 | 37.53 -3.58 0.00 | 37.24 -2.80 0.00 |
| DUNKIRK___2 23564 | 37.26 -1.59 0.00 | 35.10 -1.42 0.00 | 34.66 -1.29 0.00 | 35.03 -1.16 0.00 | 36.42 -0.86 0.00 | 41.46 -0.38 0.00 | 52.20 -0.58 0.00 | 57.08 -0.99 0.00 | 46.85 -0.47 0.00 | 40.12 -0.86 0.00 | 38.06 -0.90 0.00 | 37.00 -0.99 0.00 | 35.90 -0.96 0.00 | 35.38 -1.36 0.00 | 35.30 -1.51 0.00 | 36.71 -2.30 0.00 | 41.49 -3.32 0.00 | 50.50 -4.93 0.00 | 53.94 -5.46 0.00 | 46.34 -4.81 0.05 | 44.30 -5.03 0.00 | 40.89 -4.04 0.00 | 37.53 -3.58 0.00 | 37.24 -2.80 0.00 |
| DUNKIRK___3 23565 | 37.14 -1.71 0.00 | 35.02 -1.50 0.00 | 34.59 -1.37 0.00 | 34.92 -1.27 0.00 | 36.27 -1.01 0.00 | 41.25 -0.59 0.00 | 51.83 -0.95 0.00 | 56.68 -1.39 0.00 | 46.52 -0.80 0.00 | 39.84 -1.15 0.00 | 37.79 -1.17 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.23 -1.51 0.00 | 35.19 -1.62 0.00 | 36.67 -2.34 0.00 | 41.44 -3.36 0.00 | 50.50 -4.93 0.00 | 54.00 -5.41 0.00 | 46.38 -4.76 0.05 | 44.30 -5.03 0.00 | 40.89 -4.04 0.00 | 37.53 -3.58 0.00 | 37.20 -2.84 0.00 |
| DUNKIRK___4 23566 | 37.14 -1.71 0.00 | 35.02 -1.50 0.00 | 34.59 -1.37 0.00 | 34.92 -1.27 0.00 | 36.27 -1.01 0.00 | 41.25 -0.59 0.00 | 51.83 -0.95 0.00 | 56.68 -1.39 0.00 | 46.52 -0.80 0.00 | 39.84 -1.15 0.00 | 37.79 -1.17 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.23 -1.51 0.00 | 35.19 -1.62 0.00 | 36.67 -2.34 0.00 | 41.44 -3.36 0.00 | 50.50 -4.93 0.00 | 54.00 -5.41 0.00 | 46.38 -4.76 0.05 | 44.30 -5.03 0.00 | 40.89 -4.04 0.00 | 37.53 -3.58 0.00 | 37.20 -2.84 0.00 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 40.83 1.98 0.00 | 38.20 1.68 0.00 | 37.61 1.65 0.00 | 37.82 1.63 0.00 | 38.92 1.64 0.00 | 43.39 1.55 0.00 | 54.89 2.11 0.00 | 60.51 2.44 0.00 | 49.41 2.08 0.00 | 42.99 2.01 0.00 | 40.75 1.79 0.00 | 39.77 1.79 0.00 | 38.56 1.70 0.00 | 38.46 1.73 0.00 | 38.58 1.77 0.00 | 40.89 1.87 0.00 | 47.13 2.33 0.00 | 58.09 2.66 0.00 | 62.31 2.91 0.00 | 54.22 3.02 0.00 | 52.24 2.91 0.00 | 47.59 2.65 0.00 | 43.53 2.43 0.00 | 42.16 2.12 0.00 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 40.56 1.71 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.30 1.46 0.00 | 54.74 1.95 0.00 | 60.28 2.21 0.00 | 49.08 1.75 0.00 | 42.62 1.64 0.00 | 40.36 1.40 0.00 | 39.36 1.37 0.00 | 38.15 1.29 0.00 | 38.06 1.32 0.00 | 38.21 1.40 0.00 | 40.53 1.52 0.00 | 46.73 1.93 0.00 | 57.76 2.33 0.00 | 62.02 2.61 0.00 | 53.86 2.66 0.00 | 51.89 2.57 0.00 | 47.18 2.25 0.00 | 43.20 2.10 0.00 | 41.92 1.88 0.00 |

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| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 41.11 2.25 -0.01 | 38.50 1.97 -0.01 | 37.87 1.91 -0.01 | 38.12 1.92 -0.01 | 39.18 1.90 -0.01 | 43.81 1.97 0.00 | 55.32 2.53 0.00 | 60.51 2.44 0.00 | 49.36 2.04 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.75 1.88 -0.01 | 38.69 1.95 -0.01 | 38.80 1.99 -0.01 | 41.00 1.99 0.00 | 47.26 2.46 0.00 | 58.15 2.72 0.00 | 62.25 2.85 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.86 2.92 0.00 | 43.79 2.67 -0.01 | 42.49 2.44 -0.01 |
| E179THST_13_KV_LOAD 356214 | 41.27 2.41 -0.01 | 38.61 2.08 -0.01 | 37.97 2.01 -0.01 | 38.23 2.03 -0.01 | 39.30 2.01 -0.01 | 43.97 2.13 0.00 | 55.58 2.80 0.00 | 60.80 2.73 0.00 | 49.60 2.27 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.94 2.06 -0.01 | 38.84 2.09 -0.01 | 38.95 2.13 -0.01 | 41.20 2.18 0.00 | 47.49 2.69 0.00 | 58.48 3.05 0.00 | 62.55 3.15 0.00 | 54.53 3.33 0.00 | 52.59 3.26 0.00 | 48.08 3.15 0.00 | 43.99 2.88 -0.01 | 42.65 2.60 -0.01 |
| EAST HAMPTON___GT 23717 | 49.32 2.68 -7.79 | 44.33 2.45 -5.36 | 39.32 2.66 -0.71 | 38.98 2.79 0.00 | 40.11 2.83 0.00 | 47.30 2.51 -2.95 | 58.42 3.48 -2.16 | 61.79 3.72 0.00 | 49.97 2.65 0.00 | 42.70 1.72 0.00 | 39.42 0.47 0.00 | 38.82 0.83 0.00 | 37.34 0.48 0.00 | 37.21 0.48 0.00 | 37.18 0.37 0.00 | 39.87 0.86 0.00 | 42.53 1.07 3.35 | 45.66 0.94 10.71 | 48.00 1.66 13.06 | 42.83 2.51 10.87 | 45.69 2.61 6.26 | 41.35 2.79 6.37 | 38.78 2.47 4.80 | 36.01 2.28 6.31 |
| EAST RIVER___6 23660 | 41.03 2.17 0.00 | 38.34 1.83 0.00 | 37.78 1.83 0.00 | 38.00 1.81 0.00 | 39.10 1.83 0.00 | 43.52 1.68 0.00 | 55.26 2.48 0.00 | 60.97 2.90 0.00 | 49.83 2.51 0.00 | 43.36 2.38 0.00 | 40.98 2.02 0.00 | 40.08 2.09 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 38.94 2.13 0.00 | 41.24 2.22 0.00 | 47.49 2.69 0.00 | 58.53 3.10 0.00 | 62.73 3.32 0.00 | 54.63 3.43 0.00 | 52.64 3.31 0.00 | 47.81 2.88 0.00 | 43.62 2.51 0.00 | 42.40 2.36 0.00 |
| EAST RIVER___7 23524 | 41.03 2.17 0.00 | 38.34 1.83 0.00 | 37.78 1.83 0.00 | 38.00 1.81 0.00 | 39.10 1.83 0.00 | 43.52 1.68 0.00 | 55.26 2.48 0.00 | 60.97 2.90 0.00 | 49.83 2.51 0.00 | 43.36 2.38 0.00 | 40.98 2.02 0.00 | 40.08 2.09 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 38.94 2.13 0.00 | 41.24 2.22 0.00 | 47.49 2.69 0.00 | 58.53 3.10 0.00 | 62.73 3.32 0.00 | 54.63 3.43 0.00 | 52.64 3.31 0.00 | 47.81 2.88 0.00 | 43.62 2.51 0.00 | 42.40 2.36 0.00 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 40.76 1.90 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.84 1.57 0.00 | 43.35 1.51 0.00 | 54.79 2.01 0.00 | 60.33 2.26 0.00 | 49.27 1.94 0.00 | 42.87 1.89 0.00 | 40.63 1.68 0.00 | 39.66 1.67 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.46 1.66 0.00 | 40.77 1.76 0.00 | 46.95 2.15 0.00 | 57.92 2.49 0.00 | 62.13 2.73 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.41 2.47 0.00 | 43.41 2.30 0.00 | 42.08 2.04 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 49.24 2.60 -7.79 | 44.29 2.41 -5.36 | 39.29 2.62 -0.71 | 38.94 2.75 0.00 | 40.07 2.80 0.00 | 47.26 2.47 -2.95 | 58.37 3.43 -2.16 | 61.73 3.66 0.00 | 49.93 2.60 0.00 | 42.66 1.68 0.00 | 39.34 0.39 0.00 | 38.71 0.72 0.00 | 37.27 0.41 0.00 | 37.14 0.40 0.00 | 37.07 0.26 0.00 | 39.79 0.78 0.00 | 42.44 0.98 3.35 | 45.55 0.83 10.71 | 47.88 1.54 13.06 | 42.79 2.46 10.87 | 45.69 2.61 6.25 | 41.35 2.79 6.37 | 38.74 2.42 4.80 | 35.97 2.24 6.31 |
| EAST_POINT___SOLAR 323840 | 42.23 3.38 0.00 | 39.59 3.07 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.63 3.36 0.00 | 45.77 3.93 0.00 | 57.96 5.18 0.00 | 63.53 5.46 0.00 | 50.78 3.45 0.00 | 43.07 2.09 0.00 | 40.32 1.36 0.00 | 38.82 0.83 0.00 | 37.89 1.03 0.00 | 38.35 1.61 0.00 | 38.50 1.69 0.00 | 41.35 2.34 0.00 | 48.52 3.72 0.00 | 60.53 5.10 0.00 | 65.23 5.82 0.00 | 56.12 4.92 0.00 | 54.36 5.03 0.00 | 49.38 4.45 0.00 | 44.93 3.82 0.00 | 43.72 3.68 0.00 |
| EAST_PULASKI___ESR 323781 | 39.01 0.16 0.00 | 36.63 0.11 0.00 | 36.10 0.14 0.00 | 36.37 0.18 0.00 | 37.54 0.26 0.00 | 42.34 0.50 0.00 | 53.47 0.68 0.00 | 58.88 0.81 0.00 | 48.18 0.85 0.00 | 41.51 0.53 0.00 | 39.66 0.70 0.00 | 38.52 0.53 0.00 | 37.34 0.48 0.00 | 37.10 0.37 0.00 | 37.25 0.44 0.00 | 39.44 0.43 0.00 | 45.20 0.40 0.00 | 55.93 0.50 0.00 | 59.94 0.53 0.00 | 51.46 0.26 0.00 | 49.38 0.05 0.00 | 45.07 0.14 0.00 | 41.19 0.08 0.00 | 40.16 0.12 0.00 |
| EAST_RIVER___1 323558 | 40.99 2.14 0.00 | 38.34 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.47 1.63 0.00 | 55.16 2.38 0.00 | 60.86 2.79 0.00 | 49.64 2.32 0.00 | 43.24 2.25 0.00 | 40.86 1.91 0.00 | 39.96 1.97 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.83 2.02 0.00 | 41.12 2.11 0.00 | 47.35 2.55 0.00 | 58.37 2.94 0.00 | 62.61 3.21 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.72 2.79 0.00 | 43.57 2.47 0.00 | 42.32 2.28 0.00 |
| EAST_RIVER___2 323559 | 41.03 2.17 0.00 | 38.34 1.83 0.00 | 37.78 1.83 0.00 | 38.00 1.81 0.00 | 39.10 1.83 0.00 | 43.52 1.68 0.00 | 55.26 2.48 0.00 | 60.97 2.90 0.00 | 49.83 2.51 0.00 | 43.36 2.38 0.00 | 40.98 2.02 0.00 | 40.08 2.09 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 38.94 2.13 0.00 | 41.24 2.22 0.00 | 47.49 2.69 0.00 | 58.53 3.10 0.00 | 62.73 3.32 0.00 | 54.63 3.43 0.00 | 52.64 3.31 0.00 | 47.81 2.88 0.00 | 43.62 2.51 0.00 | 42.40 2.36 0.00 |
| EAST___DELAWARE_HYD 23607 | 40.64 1.79 0.00 | 38.09 1.57 0.00 | 37.46 1.51 0.00 | 37.71 1.52 0.00 | 38.84 1.57 0.00 | 43.47 1.63 0.00 | 55.21 2.43 0.00 | 60.80 2.73 0.00 | 49.36 2.03 0.00 | 42.62 1.64 0.00 | 40.16 1.21 0.00 | 39.20 1.22 0.00 | 38.01 1.14 0.00 | 37.91 1.18 0.00 | 38.06 1.25 0.00 | 40.53 1.52 0.00 | 46.86 2.06 0.00 | 58.15 2.72 0.00 | 62.49 3.09 0.00 | 54.17 2.97 0.00 | 52.19 2.86 0.00 | 47.32 2.38 0.00 | 43.24 2.14 0.00 | 41.96 1.92 0.00 |
| EIGHT_POINT___WT_PWR 323820 | 37.61 -1.24 0.00 | 35.39 -1.13 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 36.08 -1.19 0.00 | 41.25 -0.59 0.00 | 51.83 -0.95 0.00 | 56.79 -1.28 0.00 | 46.66 -0.66 0.00 | 39.96 -1.02 0.00 | 38.57 -0.39 0.00 | 37.49 -0.49 0.00 | 36.35 -0.52 0.00 | 36.11 -0.62 0.00 | 36.37 -0.44 0.00 | 38.27 -0.74 0.00 | 43.50 -1.30 0.00 | 53.32 -2.11 0.00 | 56.91 -2.49 0.00 | 48.83 -2.56 -0.19 | 45.68 -3.65 0.00 | 41.70 -3.24 0.00 | 37.86 -3.25 0.00 | 37.12 -2.92 0.00 |
| ELBRIDGE_115KV_TB2 80188 | 38.15 -0.70 0.00 | 35.86 -0.66 0.00 | 35.38 -0.58 0.00 | 35.61 -0.58 0.00 | 36.72 -0.56 0.00 | 41.34 -0.50 0.00 | 52.15 -0.63 0.00 | 57.32 -0.75 0.00 | 46.71 -0.62 0.00 | 40.29 -0.70 0.00 | 38.29 -0.66 0.00 | 37.30 -0.68 0.00 | 36.24 -0.63 0.00 | 36.04 -0.70 0.00 | 36.11 -0.70 0.00 | 38.19 -0.82 0.00 | 43.82 -0.99 0.00 | 54.16 -1.27 0.00 | 58.15 -1.25 0.00 | 50.07 -1.13 0.00 | 48.15 -1.18 0.00 | 43.95 -0.99 0.00 | 40.16 -0.95 0.00 | 39.20 -0.84 0.00 |
| ELEC_TRO_TEK 24086 | 49.16 2.53 -7.79 | 44.11 2.23 -5.36 | 38.82 2.16 -0.71 | 38.33 2.14 0.00 | 39.40 2.12 0.00 | 46.97 2.18 -2.95 | 57.84 2.90 -2.16 | 61.09 3.02 0.00 | 49.79 2.46 0.00 | 43.28 2.30 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.48 3.05 0.00 | 62.79 3.39 0.00 | 54.68 3.48 0.00 | 52.73 3.40 0.00 | 49.84 3.19 -1.71 | 48.54 2.96 -4.47 | 47.21 2.72 -4.45 |

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| ELLENBURG_WT_PWR 323604 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.56 -0.39 0.00 | 35.61 -0.58 0.00 | 36.72 -0.56 0.00 | 41.42 -0.42 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.00 -0.33 0.00 | 40.82 -0.16 0.00 | 38.88 -0.08 0.00 | 37.99 0.00 0.00 | 36.94 0.07 0.00 | 36.92 0.18 0.00 | 37.14 0.33 0.00 | 39.72 0.70 0.00 | 45.87 1.07 0.00 | 57.09 1.66 0.00 | 61.06 1.66 0.00 | 52.12 0.92 0.00 | 50.12 0.79 0.00 | 45.52 0.58 0.00 | 41.27 0.17 0.00 | 40.24 0.20 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 36.60 -2.25 0.00 | 34.55 -1.97 0.00 | 34.15 -1.80 0.00 | 34.49 -1.70 0.00 | 35.75 -1.53 0.00 | 40.54 -1.30 0.00 | 50.78 -2.01 0.00 | 55.46 -2.61 0.00 | 45.48 -1.85 0.00 | 38.98 -2.01 0.00 | 37.05 -1.91 0.00 | 36.09 -1.90 0.00 | 35.09 -1.77 0.00 | 34.64 -2.09 0.00 | 34.67 -2.13 0.00 | 36.16 -2.85 0.00 | 40.86 -3.94 0.00 | 49.72 -5.71 0.00 | 53.22 -6.18 0.00 | 45.61 -5.53 0.06 | 43.76 -5.57 0.00 | 40.40 -4.54 0.00 | 37.04 -4.07 0.00 | 36.80 -3.24 0.00 |
| EMPIRE_CC_1 323656 | 40.10 1.24 0.00 | 37.65 1.13 0.00 | 37.00 1.04 0.00 | 37.24 1.05 0.00 | 38.32 1.04 0.00 | 42.80 0.96 0.00 | 53.78 1.00 0.00 | 59.12 1.05 0.00 | 48.18 0.85 0.00 | 41.97 0.98 0.00 | 39.81 0.86 0.00 | 38.90 0.91 0.00 | 37.75 0.88 0.00 | 37.69 0.95 0.00 | 37.62 0.81 0.00 | 39.87 0.86 0.00 | 45.61 0.81 0.00 | 56.48 1.05 0.00 | 60.47 1.07 0.00 | 52.48 1.28 0.00 | 50.76 1.43 0.00 | 46.15 1.21 0.00 | 42.51 1.40 0.00 | 41.36 1.32 0.00 |
| EMPIRE_CC_2 323658 | 40.10 1.24 0.00 | 37.65 1.13 0.00 | 37.00 1.04 0.00 | 37.24 1.05 0.00 | 38.32 1.04 0.00 | 42.80 0.96 0.00 | 53.78 1.00 0.00 | 59.12 1.05 0.00 | 48.18 0.85 0.00 | 41.97 0.98 0.00 | 39.81 0.86 0.00 | 38.90 0.91 0.00 | 37.75 0.88 0.00 | 37.69 0.95 0.00 | 37.62 0.81 0.00 | 39.87 0.86 0.00 | 45.61 0.81 0.00 | 56.48 1.05 0.00 | 60.47 1.07 0.00 | 52.48 1.28 0.00 | 50.76 1.43 0.00 | 46.15 1.21 0.00 | 42.51 1.40 0.00 | 41.36 1.32 0.00 |
| ENORWICH_115KV_TB1 80156 | 41.53 2.68 0.00 | 38.86 2.34 0.00 | 38.25 2.30 0.00 | 38.58 2.39 0.00 | 39.77 2.50 0.00 | 45.06 3.22 0.00 | 57.16 4.38 0.00 | 62.66 4.59 0.00 | 50.78 3.45 0.00 | 43.77 2.79 0.00 | 41.41 2.45 0.00 | 40.31 2.32 0.00 | 39.07 2.21 0.00 | 38.86 2.13 0.00 | 38.98 2.17 0.00 | 41.67 2.65 0.00 | 48.07 3.27 0.00 | 60.36 4.93 0.00 | 64.93 5.52 0.00 | 55.46 4.25 -0.01 | 53.08 3.75 0.00 | 48.26 3.33 0.00 | 43.82 2.71 0.00 | 42.56 2.52 0.00 |
| ERIE_ST_34_KV_TB1-2 80199 | 37.49 -1.36 0.00 | 35.35 -1.17 0.00 | 34.91 -1.04 0.00 | 35.29 -0.90 0.00 | 36.60 -0.67 0.00 | 41.55 -0.29 0.00 | 52.15 -0.63 0.00 | 56.97 -1.10 0.00 | 46.71 -0.62 0.00 | 40.00 -0.98 0.00 | 38.02 -0.93 0.00 | 37.04 -0.95 0.00 | 35.98 -0.88 0.00 | 35.56 -1.18 0.00 | 35.59 -1.21 0.00 | 37.22 -1.79 0.00 | 42.07 -2.73 0.00 | 51.27 -4.16 0.00 | 54.83 -4.57 0.00 | 47.46 -3.69 0.05 | 44.99 -4.34 0.00 | 41.52 -3.42 0.00 | 38.07 -3.04 0.00 | 37.72 -2.32 0.00 |
| ERIE_WT_PWR 323693 | 36.91 -1.94 0.00 | 34.91 -1.61 0.00 | 34.41 -1.54 0.00 | 34.74 -1.45 0.00 | 36.05 -1.23 0.00 | 41.29 -0.55 0.00 | 51.41 -1.37 0.00 | 56.04 -2.03 0.00 | 46.00 -1.32 0.00 | 39.38 -1.60 0.00 | 38.06 -0.89 0.00 | 36.66 -1.33 0.00 | 35.42 -1.44 0.00 | 35.01 -1.73 0.00 | 35.12 -1.69 0.00 | 36.56 -2.46 0.00 | 41.31 -3.49 0.00 | 50.16 -5.27 0.00 | 53.70 -5.70 0.00 | 46.18 -4.97 0.06 | 44.05 -5.28 0.00 | 40.80 -4.13 0.00 | 37.57 -3.54 0.00 | 37.04 -3.00 0.00 |
| ESPRGFLD_115KV_TB1 80157 | 41.11 2.25 0.00 | 38.53 2.01 0.00 | 37.97 2.01 0.00 | 38.25 2.06 0.00 | 39.51 2.24 0.00 | 44.52 2.68 0.00 | 56.32 3.54 0.00 | 61.84 3.77 0.00 | 50.07 2.74 0.00 | 43.07 2.09 0.00 | 40.71 1.75 0.00 | 39.55 1.56 0.00 | 38.34 1.47 0.00 | 38.31 1.58 0.00 | 38.46 1.66 0.00 | 41.00 1.99 0.00 | 47.44 2.64 0.00 | 59.09 3.66 0.00 | 63.50 4.10 0.00 | 54.58 3.38 0.00 | 52.59 3.26 0.00 | 47.90 2.97 0.00 | 43.66 2.55 0.00 | 42.48 2.44 0.00 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 39.32 0.47 0.00 | 36.92 0.40 0.00 | 36.38 0.43 0.00 | 36.63 0.43 0.00 | 37.80 0.52 0.00 | 42.63 0.79 0.00 | 53.94 1.16 0.00 | 59.23 1.16 0.00 | 48.27 0.95 0.00 | 41.52 0.53 0.00 | 39.42 0.47 0.00 | 38.37 0.38 0.00 | 37.19 0.33 0.00 | 36.99 0.26 0.00 | 37.10 0.29 0.00 | 39.36 0.35 0.00 | 45.20 0.40 0.00 | 56.04 0.61 0.00 | 60.17 0.77 0.00 | 51.83 0.61 -0.02 | 49.63 0.30 0.00 | 45.34 0.40 0.00 | 41.35 0.25 0.00 | 40.32 0.28 0.00 |
| ETNA____115KV_TB2 80207 | 39.32 0.47 0.00 | 36.92 0.40 0.00 | 36.38 0.43 0.00 | 36.63 0.43 0.00 | 37.80 0.52 0.00 | 42.63 0.79 0.00 | 53.94 1.16 0.00 | 59.23 1.16 0.00 | 48.27 0.95 0.00 | 41.52 0.53 0.00 | 39.42 0.47 0.00 | 38.37 0.38 0.00 | 37.19 0.33 0.00 | 36.99 0.26 0.00 | 37.10 0.29 0.00 | 39.36 0.35 0.00 | 45.20 0.40 0.00 | 56.04 0.61 0.00 | 60.17 0.77 0.00 | 51.83 0.61 -0.02 | 49.63 0.30 0.00 | 45.34 0.40 0.00 | 41.35 0.25 0.00 | 40.32 0.28 0.00 |
| EUCLID____115KV_TB2 356179 | 37.92 -0.93 0.00 | 35.68 -0.84 0.00 | 35.16 -0.79 0.00 | 35.43 -0.76 0.00 | 36.49 -0.78 0.00 | 41.05 -0.79 0.00 | 51.78 -1.00 0.00 | 56.91 -1.16 0.00 | 46.71 -0.62 0.00 | 40.29 -0.70 0.00 | 38.33 -0.62 0.00 | 37.34 -0.65 0.00 | 36.24 -0.63 0.00 | 36.07 -0.66 0.00 | 36.15 -0.66 0.00 | 38.23 -0.78 0.00 | 43.82 -0.99 0.00 | 53.88 -1.55 0.00 | 57.74 -1.66 0.00 | 49.77 -1.43 0.00 | 47.85 -1.48 0.00 | 43.72 -1.21 0.00 | 39.96 -1.15 0.00 | 39.00 -1.04 0.00 |
| E_CANADA_CAP_HY 24051 | 41.80 2.95 0.00 | 39.22 2.70 0.00 | 38.58 2.62 0.00 | 38.91 2.72 0.00 | 40.18 2.91 0.00 | 45.27 3.43 0.00 | 57.16 4.38 0.00 | 62.66 4.59 0.00 | 50.55 3.22 0.00 | 43.24 2.25 0.00 | 40.82 1.87 0.00 | 39.58 1.60 0.00 | 38.38 1.51 0.00 | 38.50 1.76 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 48.07 3.27 0.00 | 59.81 4.38 0.00 | 64.33 4.93 0.00 | 55.40 4.20 0.00 | 53.57 4.24 0.00 | 48.80 3.86 0.00 | 44.44 3.33 0.00 | 43.24 3.20 0.00 |
| E_CANADA_MHWK_HY 24050 | 38.27 -0.58 0.00 | 35.86 -0.66 0.00 | 35.23 -0.72 0.00 | 35.47 -0.72 0.00 | 36.49 -0.78 0.00 | 40.92 -0.92 0.00 | 51.52 -1.27 0.00 | 56.79 -1.28 0.00 | 46.28 -1.04 0.00 | 40.29 -0.70 0.00 | 38.21 -0.74 0.00 | 37.34 -0.65 0.00 | 36.27 -0.59 0.00 | 36.18 -0.55 0.00 | 36.26 -0.55 0.00 | 38.55 -0.47 0.00 | 44.44 -0.36 0.00 | 55.26 -0.17 0.00 | 59.17 -0.24 0.00 | 50.84 -0.36 0.00 | 48.84 -0.49 0.00 | 44.35 -0.59 0.00 | 40.45 -0.66 0.00 | 39.28 -0.76 0.00 |
| E_FISHKILL____LBMP 23776 | 40.48 1.63 0.00 | 37.98 1.46 0.00 | 37.35 1.40 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.18 1.34 0.00 | 54.53 1.74 0.00 | 60.04 1.97 0.00 | 48.98 1.66 0.00 | 42.62 1.64 0.00 | 40.40 1.44 0.00 | 39.43 1.44 0.00 | 38.23 1.36 0.00 | 38.13 1.40 0.00 | 38.21 1.40 0.00 | 40.50 1.48 0.00 | 46.64 1.84 0.00 | 57.59 2.16 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.75 2.42 0.00 | 47.05 2.11 0.00 | 43.16 2.06 0.00 | 41.84 1.80 0.00 |
| FALCON____SEABRD_CC1 323796 | 38.70 -0.15 0.00 | 36.37 -0.15 0.00 | 35.74 -0.21 0.00 | 35.72 -0.47 0.00 | 36.72 -0.56 0.00 | 41.50 -0.34 0.00 | 51.83 -0.95 0.00 | 57.55 -0.52 0.00 | 46.95 -0.38 0.00 | 40.82 -0.16 0.00 | 38.95 0.00 0.00 | 38.06 0.08 0.00 | 37.09 0.22 0.00 | 37.14 0.40 0.00 | 37.47 0.66 0.00 | 40.26 1.25 0.00 | 46.68 1.88 0.00 | 58.26 2.83 0.00 | 62.37 2.97 0.00 | 52.94 1.74 0.00 | 50.76 1.43 0.00 | 45.97 1.03 0.00 | 41.44 0.33 0.00 | 40.76 0.72 0.00 |

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| FALCON___SEABRD_CC2 323797 | 38.70 -0.15 0.00 | 36.37 -0.15 0.00 | 35.74 -0.21 0.00 | 35.72 -0.47 0.00 | 36.72 -0.56 0.00 | 41.50 -0.34 0.00 | 51.83 -0.95 0.00 | 57.55 -0.52 0.00 | 46.95 -0.38 0.00 | 40.82 -0.16 0.00 | 38.95 0.00 0.00 | 38.06 0.08 0.00 | 37.09 0.22 0.00 | 37.14 0.40 0.00 | 37.47 0.66 0.00 | 40.26 1.25 0.00 | 46.68 1.88 0.00 | 58.26 2.83 0.00 | 62.37 2.97 0.00 | 52.94 1.74 0.00 | 50.76 1.43 0.00 | 45.97 1.03 0.00 | 41.44 0.33 0.00 | 40.76 0.72 0.00 |
| FAR ROCKAWAY___4 23548 | 49.63 2.99 -7.79 | 44.51 2.63 -5.36 | 39.25 2.59 -0.71 | 38.76 2.57 0.00 | 39.85 2.57 0.00 | 47.51 2.72 -2.95 | 58.53 3.59 -2.16 | 61.84 3.77 0.00 | 50.31 2.98 0.00 | 43.69 2.70 0.00 | 41.33 2.38 0.00 | 40.34 2.36 0.00 | 39.00 2.14 0.00 | 38.90 2.17 0.00 | 39.09 2.28 0.00 | 41.67 2.65 0.00 | 48.21 3.40 0.00 | 59.14 3.71 0.00 | 63.56 4.16 0.00 | 55.30 4.10 0.00 | 53.33 4.00 0.00 | 50.38 3.73 -1.71 | 49.03 3.45 -4.47 | 47.69 3.20 -4.45 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 40.99 2.14 0.00 | 38.56 2.05 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.03 1.75 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.20 2.21 0.00 | 40.90 1.95 0.00 | 39.96 1.98 0.00 | 38.74 1.88 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.72 2.79 0.00 | 43.70 2.59 0.00 | 42.36 2.32 0.00 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 40.99 2.14 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.68 2.61 0.00 | 49.55 2.22 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.74 1.88 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.72 2.79 0.00 | 43.70 2.59 0.00 | 42.36 2.32 0.00 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.16 2.17 0.00 | 40.90 1.95 0.00 | 39.93 1.94 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.43 3.23 0.00 | 52.39 3.06 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| FARRAGUT___LBMP 323566 | 40.91 2.06 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.71 0.00 | 43.47 1.63 0.00 | 55.00 2.22 0.00 | 60.63 2.56 0.00 | 49.46 2.13 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| FENNER___WINDPWR 24204 | 39.47 0.62 0.00 | 37.07 0.55 0.00 | 36.53 0.57 0.00 | 36.81 0.61 0.00 | 37.98 0.71 0.00 | 42.84 1.00 0.00 | 54.10 1.32 0.00 | 59.52 1.45 0.00 | 48.46 1.13 0.00 | 41.85 0.86 0.00 | 39.77 0.82 0.00 | 38.71 0.72 0.00 | 37.56 0.70 0.00 | 37.36 0.62 0.00 | 37.47 0.66 0.00 | 39.72 0.70 0.00 | 45.56 0.76 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.07 0.87 0.00 | 50.02 0.69 0.00 | 45.56 0.63 0.00 | 41.64 0.53 0.00 | 40.56 0.52 0.00 |
| FIBERTEK___ENERGY 23856 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |
| FITZPATRICK____ 23598 | 37.38 -1.48 0.00 | 35.21 -1.31 0.00 | 34.66 -1.29 0.00 | 34.92 -1.27 0.00 | 35.97 -1.31 0.00 | 40.42 -1.42 0.00 | 50.93 -1.85 0.00 | 55.98 -2.09 0.00 | 45.67 -1.66 0.00 | 39.47 -1.52 0.00 | 37.59 -1.36 0.00 | 36.62 -1.37 0.00 | 35.54 -1.33 0.00 | 35.38 -1.36 0.00 | 35.45 -1.36 0.00 | 37.45 -1.56 0.00 | 42.96 -1.84 0.00 | 53.10 -2.33 0.00 | 56.91 -2.49 0.00 | 49.05 -2.15 0.00 | 47.21 -2.12 0.00 | 43.09 -1.84 0.00 | 39.42 -1.69 0.00 | 38.40 -1.64 0.00 |
| FLOWRFLD_69_KV_BK1 356044 | 49.67 3.03 -7.79 | 44.62 2.74 -5.36 | 39.36 2.70 -0.71 | 38.91 2.71 0.00 | 40.00 2.72 0.00 | 47.51 2.72 -2.95 | 58.43 3.48 -2.16 | 61.67 3.60 0.00 | 50.17 2.84 0.00 | 43.57 2.58 0.00 | 41.06 2.10 0.00 | 40.12 2.13 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.39 2.38 0.00 | 47.78 3.09 0.12 | 58.27 3.21 0.37 | 62.69 3.74 0.46 | 54.45 3.64 0.38 | 52.71 3.60 0.22 | 49.87 3.50 -1.43 | 48.46 3.21 -4.14 | 47.04 2.92 -4.07 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 40.91 2.06 0.00 | 38.38 1.86 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.10 1.83 0.00 | 43.68 1.84 0.00 | 55.26 2.48 0.00 | 60.86 2.79 0.00 | 49.55 2.22 0.00 | 42.95 1.97 0.00 | 40.63 1.68 0.00 | 39.62 1.63 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.46 1.66 0.00 | 40.85 1.83 0.00 | 47.13 2.33 0.00 | 58.31 2.88 0.00 | 62.61 3.21 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.59 2.65 0.00 | 43.62 2.51 0.00 | 42.28 2.24 0.00 |
| FORT ORANGE____ 23900 | 39.98 1.13 0.00 | 37.58 1.06 0.00 | 36.96 1.01 0.00 | 37.20 1.01 0.00 | 38.28 1.01 0.00 | 42.76 0.92 0.00 | 54.05 1.26 0.00 | 59.35 1.28 0.00 | 48.27 0.95 0.00 | 41.76 0.78 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.47 0.66 0.00 | 39.56 0.55 0.00 | 45.38 0.58 0.00 | 56.26 0.83 0.00 | 60.35 0.95 0.00 | 52.22 1.02 0.00 | 50.51 1.18 0.00 | 45.83 0.90 0.00 | 42.17 1.07 0.00 | 41.04 1.00 0.00 |
| FORT_DRUM_COGEN 23780 | 39.67 0.82 0.00 | 37.18 0.66 0.00 | 36.64 0.68 0.00 | 36.99 0.80 0.00 | 38.17 0.89 0.00 | 43.10 1.26 0.00 | 54.63 1.85 0.00 | 60.45 2.38 0.00 | 49.41 2.08 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.36 1.37 0.00 | 38.15 1.29 0.00 | 37.87 1.14 0.00 | 37.95 1.14 0.00 | 40.53 1.52 0.00 | 46.59 1.79 0.00 | 58.20 2.77 0.00 | 62.08 2.67 0.00 | 52.84 1.64 0.00 | 50.71 1.38 0.00 | 46.15 1.21 0.00 | 42.18 1.07 0.00 | 41.08 1.04 0.00 |
| FOX_HILLS___ESR 323835 | 58.48 2.49 -17.14 | 55.19 2.19 -16.48 | 58.07 2.16 -19.96 | 42.66 2.14 -4.34 | 58.09 2.16 -18.65 | 58.21 2.05 -14.32 | 60.25 2.69 -4.77 | 61.64 2.85 -0.73 | 59.99 2.46 -10.20 | 59.16 2.42 -15.76 | 59.13 2.22 -17.96 | 59.08 2.24 -18.85 | 58.62 2.17 -19.58 | 58.62 2.20 -19.68 | 59.02 2.25 -19.97 | 59.03 2.34 -17.67 | 60.10 2.78 -12.52 | 126.31 3.10 -67.78 | 136.78 3.33 -74.05 | 105.95 3.43 -51.32 | 97.51 3.35 -44.82 | 60.14 3.10 -12.11 | 59.45 2.92 -15.42 | 59.16 2.64 -16.47 |
| FPL FAR_ROCK_GT1 24212 | 49.63 2.99 -7.79 | 44.51 2.63 -5.36 | 39.25 2.59 -0.71 | 38.76 2.57 0.00 | 39.85 2.57 0.00 | 47.47 2.68 -2.95 | 58.58 3.64 -2.16 | 62.07 4.00 0.00 | 50.45 3.12 0.00 | 43.69 2.70 0.00 | 41.25 2.30 0.00 | 40.34 2.36 0.00 | 39.04 2.17 0.00 | 38.90 2.17 0.00 | 39.09 2.28 0.00 | 41.67 2.65 0.00 | 48.20 3.40 0.00 | 59.20 3.77 0.00 | 63.50 4.10 0.00 | 55.35 4.15 0.00 | 53.32 3.99 0.00 | 50.38 3.73 -1.71 | 48.90 3.33 -4.47 | 47.65 3.16 -4.45 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FPL FAR_ROCK_GT2 23815 | 49.63 2.99 -7.79 | 44.51 2.63 -5.36 | 39.25 2.59 -0.71 | 38.76 2.57 0.00 | 39.85 2.57 0.00 | 47.47 2.68 -2.95 | 58.58 3.64 -2.16 | 62.07 4.00 0.00 | 50.45 3.12 0.00 | 43.69 2.70 0.00 | 41.25 2.30 0.00 | 40.34 2.36 0.00 | 39.04 2.17 0.00 | 38.90 2.17 0.00 | 39.09 2.28 0.00 | 41.67 2.65 0.00 | 48.20 3.40 0.00 | 59.20 3.77 0.00 | 63.50 4.10 0.00 | 55.35 4.15 0.00 | 53.32 3.99 0.00 | 50.38 3.73 -1.71 | 48.90 3.33 -4.47 | 47.65 3.16 -4.45 |
| FRANKLIN_FALL_HYD 24054 | 39.28 0.43 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.55 0.36 0.00 | 37.69 0.41 0.00 | 42.55 0.71 0.00 | 53.73 0.95 0.00 | 59.41 1.34 0.00 | 48.18 0.85 0.00 | 41.76 0.78 0.00 | 39.81 0.86 0.00 | 38.90 0.91 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.88 1.07 0.00 | 40.53 1.52 0.00 | 46.73 1.93 0.00 | 58.20 2.77 0.00 | 62.19 2.79 0.00 | 52.84 1.64 0.00 | 50.91 1.58 0.00 | 46.37 1.44 0.00 | 42.09 0.99 0.00 | 41.08 1.04 0.00 |
| FREEPORT_EQUS_GT1 23764 | 49.44 2.80 -7.79 | 44.33 2.45 -5.36 | 39.07 2.41 -0.71 | 38.54 2.35 0.00 | 39.62 2.35 0.00 | 47.22 2.43 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.21 2.89 0.00 | 43.48 2.50 0.00 | 41.02 2.06 0.00 | 40.11 2.13 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.87 2.06 0.00 | 41.47 2.46 0.00 | 47.98 3.18 0.00 | 58.92 3.49 0.00 | 63.21 3.81 0.00 | 55.14 3.94 0.00 | 53.08 3.75 0.00 | 50.20 3.55 -1.71 | 48.74 3.17 -4.47 | 47.45 2.96 -4.45 |
| FREEPORT___CT2 23818 | 49.44 2.80 -7.79 | 44.33 2.45 -5.36 | 39.07 2.41 -0.71 | 38.54 2.35 0.00 | 39.62 2.35 0.00 | 47.22 2.43 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.21 2.89 0.00 | 43.48 2.50 0.00 | 41.02 2.06 0.00 | 40.11 2.13 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.87 2.06 0.00 | 41.47 2.46 0.00 | 47.98 3.18 0.00 | 58.92 3.49 0.00 | 63.21 3.81 0.00 | 55.14 3.94 0.00 | 53.08 3.75 0.00 | 50.20 3.55 -1.71 | 48.74 3.17 -4.47 | 47.45 2.96 -4.45 |
| FRESHKLS_33_KV_LOAD 356253 | 58.44 2.45 -17.14 | 55.19 2.19 -16.48 | 58.07 2.16 -19.96 | 42.63 2.10 -4.34 | 58.05 2.12 -18.65 | 58.17 2.01 -14.32 | 60.09 2.53 -4.77 | 61.47 2.67 -0.73 | 59.85 2.32 -10.20 | 59.04 2.30 -15.76 | 59.01 2.10 -17.96 | 58.97 2.13 -18.85 | 58.51 2.06 -19.58 | 58.51 2.09 -19.68 | 58.91 2.13 -19.97 | 58.91 2.22 -17.67 | 59.96 2.64 -12.52 | 126.20 2.99 -67.78 | 136.66 3.21 -74.05 | 105.85 3.33 -51.32 | 97.36 3.21 -44.82 | 60.05 3.01 -12.11 | 59.37 2.84 -15.42 | 59.08 2.56 -16.47 |
| FULTON COGEN____ 23766 | 38.70 -0.16 0.00 | 36.34 -0.18 0.00 | 35.84 -0.11 0.00 | 36.08 -0.11 0.00 | 37.24 -0.04 0.00 | 41.97 0.13 0.00 | 53.05 0.26 0.00 | 58.30 0.23 0.00 | 47.80 0.47 0.00 | 41.15 0.16 0.00 | 39.19 0.23 0.00 | 38.14 0.15 0.00 | 37.01 0.15 0.00 | 36.81 0.07 0.00 | 36.92 0.11 0.00 | 39.09 0.08 0.00 | 44.80 0.00 0.00 | 55.26 -0.17 0.00 | 59.28 -0.12 0.00 | 51.05 -0.15 0.00 | 48.93 -0.39 0.00 | 44.71 -0.22 0.00 | 40.82 -0.29 0.00 | 39.84 -0.20 0.00 |
| FULTON___LFGE 323630 | 41.73 2.88 0.00 | 39.15 2.63 0.00 | 38.51 2.55 0.00 | 38.83 2.64 0.00 | 40.11 2.83 0.00 | 45.11 3.27 0.00 | 57.11 4.33 0.00 | 62.60 4.53 0.00 | 50.55 3.22 0.00 | 43.24 2.25 0.00 | 40.79 1.83 0.00 | 39.62 1.63 0.00 | 38.38 1.51 0.00 | 38.46 1.73 0.00 | 38.61 1.80 0.00 | 41.31 2.30 0.00 | 47.98 3.18 0.00 | 59.70 4.27 0.00 | 64.27 4.87 0.00 | 55.35 4.15 0.00 | 53.57 4.24 0.00 | 48.66 3.73 0.00 | 44.35 3.25 0.00 | 43.20 3.16 0.00 |
| G.F.CEMENT___DRP 24184 | 42.23 3.38 0.00 | 39.62 3.10 0.00 | 38.94 2.98 0.00 | 39.23 3.04 0.00 | 40.56 3.28 0.00 | 45.56 3.72 0.00 | 57.75 4.96 0.00 | 63.24 5.17 0.00 | 51.30 3.98 0.00 | 44.06 3.07 0.00 | 41.68 2.73 0.00 | 40.50 2.51 0.00 | 39.07 2.21 0.00 | 39.01 2.28 0.00 | 39.13 2.32 0.00 | 41.90 2.89 0.00 | 47.26 2.46 0.00 | 58.64 3.21 0.00 | 63.09 3.68 0.00 | 54.43 3.23 0.00 | 52.83 3.50 0.00 | 48.08 3.15 0.00 | 43.82 2.71 0.00 | 42.68 2.64 0.00 |
| GARDENVILLE___LBMP 24039 | 36.79 -2.06 0.00 | 34.69 -1.83 0.00 | 34.30 -1.65 0.00 | 34.64 -1.56 0.00 | 35.93 -1.34 0.00 | 40.75 -1.09 0.00 | 51.09 -1.69 0.00 | 55.81 -2.26 0.00 | 45.76 -1.56 0.00 | 39.22 -1.76 0.00 | 37.24 -1.71 0.00 | 36.32 -1.67 0.00 | 35.28 -1.59 0.00 | 34.82 -1.91 0.00 | 34.86 -1.95 0.00 | 36.36 -2.65 0.00 | 41.13 -3.67 0.00 | 50.05 -5.38 0.00 | 53.52 -5.88 0.00 | 45.96 -5.17 0.06 | 44.00 -5.33 0.00 | 40.58 -4.36 0.00 | 37.20 -3.91 0.00 | 36.96 -3.08 0.00 |
| GARDNVLA_35_KV_LD 355827 | 36.95 -1.90 0.00 | 34.88 -1.64 0.00 | 34.44 -1.51 0.00 | 34.78 -1.41 0.00 | 36.08 -1.19 0.00 | 40.96 -0.88 0.00 | 51.36 -1.43 0.00 | 56.10 -1.97 0.00 | 46.00 -1.33 0.00 | 39.43 -1.56 0.00 | 37.44 -1.52 0.00 | 36.47 -1.52 0.00 | 35.46 -1.40 0.00 | 35.01 -1.73 0.00 | 35.04 -1.77 0.00 | 36.59 -2.42 0.00 | 41.35 -3.45 0.00 | 50.33 -5.10 0.00 | 53.82 -5.58 0.00 | 46.23 -4.92 0.05 | 44.20 -5.13 0.00 | 40.80 -4.13 0.00 | 37.41 -3.70 0.00 | 37.16 -2.88 0.00 |
| GELCKHM___115KV_LOAD 80723 | 38.15 -0.70 0.00 | 35.86 -0.66 0.00 | 35.34 -0.61 0.00 | 35.61 -0.58 0.00 | 36.72 -0.56 0.00 | 41.30 -0.54 0.00 | 52.10 -0.69 0.00 | 57.26 -0.81 0.00 | 46.95 -0.38 0.00 | 40.49 -0.49 0.00 | 38.49 -0.47 0.00 | 37.49 -0.49 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.29 -0.52 0.00 | 38.39 -0.62 0.00 | 44.04 -0.76 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.07 -1.13 0.00 | 48.15 -1.18 0.00 | 43.95 -0.99 0.00 | 40.16 -0.95 0.00 | 39.20 -0.84 0.00 |
| GENERAL___MILLS 23808 | 36.91 -1.94 0.00 | 34.80 -1.72 0.00 | 34.41 -1.55 0.00 | 34.74 -1.45 0.00 | 36.04 -1.23 0.00 | 40.92 -0.92 0.00 | 51.25 -1.53 0.00 | 56.04 -2.03 0.00 | 45.95 -1.37 0.00 | 39.34 -1.64 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 34.97 -1.76 0.00 | 35.00 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.22 -5.21 0.00 | 53.70 -5.70 0.00 | 46.13 -5.02 0.06 | 44.15 -5.18 0.00 | 40.71 -4.22 0.00 | 37.37 -3.74 0.00 | 37.08 -2.96 0.00 |
| GE_PLASTICS___DRP 24183 | 39.78 0.93 0.00 | 37.40 0.88 0.00 | 36.82 0.86 0.00 | 37.02 0.83 0.00 | 38.10 0.82 0.00 | 42.63 0.79 0.00 | 53.79 1.00 0.00 | 59.12 1.05 0.00 | 48.13 0.80 0.00 | 41.68 0.70 0.00 | 39.62 0.66 0.00 | 38.63 0.65 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.43 0.63 0.00 | 39.56 0.55 0.00 | 45.38 0.58 0.00 | 56.15 0.72 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.37 1.04 0.00 | 45.79 0.85 0.00 | 42.09 0.99 0.00 | 40.92 0.88 0.00 |
| GILBOA___1 23756 | 39.82 0.97 0.00 | 37.39 0.88 0.00 | 36.78 0.83 0.00 | 37.02 0.83 0.00 | 38.13 0.86 0.00 | 42.68 0.84 0.00 | 53.89 1.11 0.00 | 59.23 1.16 0.00 | 48.32 1.00 0.00 | 41.88 0.90 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.79 0.78 0.00 | 45.70 0.90 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.48 1.28 0.00 | 50.61 1.28 0.00 | 46.06 1.12 0.00 | 42.17 1.07 0.00 | 41.04 1.00 0.00 |
| GILBOA___2 23757 | 39.82 0.97 0.00 | 37.39 0.88 0.00 | 36.78 0.83 0.00 | 37.02 0.83 0.00 | 38.13 0.86 0.00 | 42.68 0.84 0.00 | 53.89 1.11 0.00 | 59.23 1.16 0.00 | 48.32 1.00 0.00 | 41.88 0.90 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.79 0.78 0.00 | 45.70 0.90 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.48 1.28 0.00 | 50.61 1.28 0.00 | 46.06 1.12 0.00 | 42.17 1.07 0.00 | 41.04 1.00 0.00 |

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| GILBOA___3 23758 | 39.82 0.97 0.00 | 37.39 0.88 0.00 | 36.78 0.83 0.00 | 37.02 0.83 0.00 | 38.13 0.86 0.00 | 42.68 0.84 0.00 | 53.89 1.11 0.00 | 59.23 1.16 0.00 | 48.32 1.00 0.00 | 41.88 0.90 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.79 0.78 0.00 | 45.70 0.90 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.48 1.28 0.00 | 50.61 1.28 0.00 | 46.06 1.12 0.00 | 42.17 1.07 0.00 | 41.04 1.00 0.00 |
| GILBOA___4 23759 | 39.82 0.97 0.00 | 37.39 0.88 0.00 | 36.78 0.83 0.00 | 37.02 0.83 0.00 | 38.13 0.86 0.00 | 42.68 0.84 0.00 | 53.89 1.11 0.00 | 59.23 1.16 0.00 | 48.32 1.00 0.00 | 41.88 0.90 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.79 0.78 0.00 | 45.70 0.90 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.48 1.28 0.00 | 50.61 1.28 0.00 | 46.06 1.12 0.00 | 42.17 1.07 0.00 | 41.04 1.00 0.00 |
| GILBOA___ 23599 | 39.82 0.97 0.00 | 37.40 0.88 0.00 | 36.78 0.83 0.00 | 37.02 0.83 0.00 | 38.13 0.86 0.00 | 42.68 0.84 0.00 | 53.84 1.06 0.00 | 59.23 1.16 0.00 | 48.27 0.95 0.00 | 41.88 0.90 0.00 | 39.77 0.82 0.00 | 38.79 0.80 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.79 0.78 0.00 | 45.70 0.90 0.00 | 56.54 1.11 0.00 | 60.59 1.19 0.00 | 52.48 1.28 0.00 | 50.61 1.28 0.00 | 46.06 1.12 0.00 | 42.22 1.11 0.00 | 41.04 1.00 0.00 |
| GINNA___ 23603 | 35.82 -3.03 0.00 | 33.74 -2.78 0.00 | 33.33 -2.62 0.00 | 33.66 -2.53 0.00 | 34.74 -2.54 0.00 | 39.46 -2.38 0.00 | 49.46 -3.32 0.00 | 53.60 -4.47 0.00 | 43.59 -3.74 0.00 | 37.38 -3.61 0.00 | 35.96 -3.00 0.00 | 34.84 -3.15 0.00 | 33.73 -3.13 0.00 | 33.39 -3.34 0.00 | 33.53 -3.28 0.00 | 35.27 -3.75 0.00 | 40.23 -4.57 0.00 | 50.16 -5.27 0.00 | 53.88 -5.52 0.00 | 46.08 -5.12 0.00 | 44.35 -4.98 0.00 | 40.76 -4.18 0.00 | 37.29 -3.82 0.00 | 36.48 -3.56 0.00 |
| GLEN PARK___ 23778 | 39.94 1.09 0.00 | 37.39 0.88 0.00 | 36.85 0.90 0.00 | 37.20 1.01 0.00 | 38.43 1.16 0.00 | 43.47 1.63 0.00 | 55.10 2.32 0.00 | 60.91 2.84 0.00 | 49.69 2.37 0.00 | 42.87 1.89 0.00 | 40.71 1.75 0.00 | 39.51 1.52 0.00 | 38.30 1.44 0.00 | 38.02 1.29 0.00 | 38.13 1.32 0.00 | 40.73 1.71 0.00 | 46.86 2.06 0.00 | 58.64 3.21 0.00 | 62.55 3.15 0.00 | 53.19 1.99 0.00 | 51.10 1.77 0.00 | 46.51 1.57 0.00 | 42.46 1.35 0.00 | 41.32 1.28 0.00 |
| GLENDALE_27_KV_LOAD 356172 | 41.31 2.45 -0.01 | 38.65 2.12 -0.01 | 38.05 2.09 -0.01 | 38.26 2.06 -0.01 | 39.37 2.09 -0.01 | 43.85 2.01 0.00 | 55.53 2.74 0.00 | 61.03 2.96 0.00 | 49.88 2.56 0.00 | 43.48 2.50 0.00 | 41.21 2.26 0.00 | 40.27 2.28 0.00 | 39.08 2.21 -0.01 | 38.98 2.24 -0.01 | 39.10 2.28 0.00 | 41.39 2.38 0.00 | 47.62 2.82 0.00 | 58.70 3.27 0.00 | 62.85 3.45 0.00 | 54.73 3.53 0.00 | 52.73 3.40 0.00 | 48.08 3.15 0.00 | 44.03 2.92 -0.01 | 42.69 2.64 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.16 3.22 -2.16 | 61.44 3.37 0.00 | 50.02 2.70 0.00 | 43.48 2.50 0.00 | 41.14 2.18 0.00 | 40.15 2.17 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.59 3.16 0.00 | 62.97 3.56 0.00 | 54.99 3.79 0.00 | 53.03 3.70 0.00 | 50.11 3.46 -1.71 | 48.78 3.21 -4.47 | 47.45 2.96 -4.45 |
| GLENWOOD_IC_2_G1 23688 | 49.28 2.64 -7.79 | 44.18 2.30 -5.36 | 38.93 2.27 -0.71 | 38.44 2.24 0.00 | 39.51 2.24 0.00 | 47.05 2.26 -2.95 | 58.00 3.06 -2.16 | 61.55 3.48 0.00 | 50.07 2.74 0.00 | 43.40 2.42 0.00 | 40.94 1.99 0.00 | 40.04 2.05 0.00 | 38.78 1.92 0.00 | 38.64 1.91 0.00 | 38.79 1.99 0.00 | 41.35 2.34 0.00 | 47.80 3.00 0.00 | 58.70 3.27 0.00 | 62.91 3.50 0.00 | 54.89 3.69 0.00 | 52.88 3.55 0.00 | 49.97 3.33 -1.71 | 48.54 2.96 -4.47 | 47.25 2.76 -4.45 |
| GLENWOOD_IC_3_G1 23689 | 49.28 2.64 -7.79 | 44.18 2.30 -5.36 | 38.93 2.27 -0.71 | 38.44 2.24 0.00 | 39.51 2.24 0.00 | 47.05 2.26 -2.95 | 58.00 3.06 -2.16 | 61.55 3.48 0.00 | 50.07 2.74 0.00 | 43.40 2.42 0.00 | 40.94 1.99 0.00 | 40.04 2.05 0.00 | 38.78 1.92 0.00 | 38.64 1.91 0.00 | 38.79 1.99 0.00 | 41.35 2.34 0.00 | 47.80 3.00 0.00 | 58.70 3.27 0.00 | 62.91 3.50 0.00 | 54.89 3.69 0.00 | 52.88 3.55 0.00 | 49.97 3.33 -1.71 | 48.54 2.96 -4.47 | 47.25 2.76 -4.45 |
| GLENWOOD___4 23550 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.16 3.22 -2.16 | 61.44 3.37 0.00 | 50.02 2.70 0.00 | 43.48 2.50 0.00 | 41.14 2.18 0.00 | 40.15 2.17 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.64 3.21 0.00 | 63.03 3.62 0.00 | 54.99 3.79 0.00 | 53.03 3.70 0.00 | 50.11 3.46 -1.71 | 48.78 3.21 -4.47 | 47.45 2.96 -4.45 |
| GLENWOOD___5 23614 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.16 3.22 -2.16 | 61.44 3.37 0.00 | 50.02 2.70 0.00 | 43.48 2.50 0.00 | 41.14 2.18 0.00 | 40.15 2.17 0.00 | 38.82 1.95 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.64 3.21 0.00 | 63.03 3.62 0.00 | 54.99 3.79 0.00 | 53.03 3.70 0.00 | 50.11 3.46 -1.71 | 48.78 3.21 -4.47 | 47.45 2.96 -4.45 |
| GLOBAL GREEN_PORT_GT1 23814 | 49.55 2.92 -7.79 | 44.51 2.63 -5.36 | 39.47 2.81 -0.71 | 39.09 2.90 0.00 | 40.22 2.94 0.00 | 47.47 2.68 -2.95 | 58.64 3.69 -2.16 | 62.07 4.00 0.00 | 50.26 2.94 0.00 | 42.95 1.97 0.00 | 39.77 0.82 0.00 | 39.17 1.18 0.00 | 37.67 0.81 0.00 | 37.54 0.81 0.00 | 37.47 0.66 0.00 | 40.22 1.21 0.00 | 42.92 1.48 3.36 | 46.11 1.44 10.76 | 48.36 2.08 13.12 | 43.05 2.76 10.92 | 45.81 2.76 6.28 | 41.41 2.88 6.41 | 38.78 2.51 4.83 | 36.01 2.32 6.35 |
| GLOBE___DSASP 323697 | 35.63 -3.22 0.00 | 33.67 -2.85 0.00 | 33.33 -2.62 0.00 | 33.62 -2.57 0.00 | 34.81 -2.46 0.00 | 39.37 -2.47 0.00 | 49.14 -3.64 0.00 | 53.54 -4.53 0.00 | 43.92 -3.41 0.00 | 37.66 -3.32 0.00 | 35.80 -3.16 0.00 | 34.91 -3.08 0.00 | 33.99 -2.88 0.00 | 33.50 -3.23 0.00 | 33.57 -3.24 0.00 | 34.96 -4.06 0.00 | 39.47 -5.33 0.00 | 47.95 -7.48 0.00 | 51.32 -8.08 0.00 | 43.89 -7.27 0.04 | 42.42 -6.91 0.00 | 39.18 -5.75 0.00 | 35.93 -5.18 0.00 | 35.84 -4.20 0.00 |
| GOETHSLN___LBMP 323567 | 40.72 1.86 0.00 | 38.09 1.57 0.00 | 37.50 1.55 0.00 | 37.71 1.52 0.00 | 38.77 1.49 0.00 | 43.18 1.34 0.00 | 54.68 1.90 0.00 | 60.22 2.15 0.00 | 49.17 1.85 0.00 | 42.91 1.93 0.00 | 40.63 1.68 0.00 | 39.70 1.71 0.00 | 38.49 1.62 0.00 | 38.39 1.65 0.00 | 38.54 1.73 0.00 | 40.81 1.79 0.00 | 46.95 2.15 0.00 | 57.92 2.49 0.00 | 62.02 2.61 0.00 | 54.07 2.87 0.00 | 52.04 2.71 0.00 | 47.41 2.47 0.00 | 43.41 2.30 0.00 | 42.08 2.04 0.00 |
| GOLAH___69_KV_TB 1_2 80279 | 37.22 -1.63 0.00 | 35.06 -1.46 0.00 | 34.66 -1.29 0.00 | 35.00 -1.19 0.00 | 36.16 -1.12 0.00 | 40.92 -0.92 0.00 | 51.36 -1.43 0.00 | 56.10 -1.97 0.00 | 45.72 -1.61 0.00 | 39.18 -1.80 0.00 | 37.20 -1.75 0.00 | 36.24 -1.75 0.00 | 35.28 -1.59 0.00 | 34.90 -1.84 0.00 | 34.93 -1.88 0.00 | 36.67 -2.34 0.00 | 41.75 -3.05 0.00 | 51.27 -4.16 0.00 | 55.07 -4.34 0.00 | 47.00 -4.20 0.00 | 45.28 -4.05 0.00 | 41.57 -3.37 0.00 | 38.07 -3.04 0.00 | 37.60 -2.44 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOODYEAR_LAKE_HYD 323669 | 40.41 1.55 0.00 | 37.91 1.39 0.00 | 37.32 1.37 0.00 | 37.60 1.41 0.00 | 38.80 1.53 0.00 | 43.64 1.80 0.00 | 55.21 2.43 0.00 | 60.63 2.56 0.00 | 49.27 1.94 0.00 | 42.58 1.60 0.00 | 40.36 1.40 0.00 | 39.28 1.29 0.00 | 38.12 1.25 0.00 | 37.98 1.25 0.00 | 38.06 1.25 0.00 | 40.46 1.44 0.00 | 46.59 1.79 0.00 | 57.87 2.44 0.00 | 62.13 2.73 0.00 | 53.50 2.30 0.00 | 51.50 2.17 0.00 | 46.91 1.98 0.00 | 42.83 1.73 0.00 | 41.72 1.68 0.00 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 38.77 -0.08 0.00 | 36.45 -0.07 0.00 | 35.92 -0.04 0.00 | 36.16 -0.04 0.00 | 37.35 0.07 0.00 | 42.05 0.21 0.00 | 53.05 0.26 0.00 | 58.24 0.17 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 38.92 -0.04 0.00 | 37.91 -0.08 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.62 -0.18 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.69 -0.71 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.57 -0.53 0.00 | 39.68 -0.36 0.00 |
| GOUDEY___7 23579 | 38.77 -0.08 0.00 | 36.45 -0.07 0.00 | 35.92 -0.04 0.00 | 36.16 -0.04 0.00 | 37.35 0.07 0.00 | 42.05 0.21 0.00 | 53.05 0.26 0.00 | 58.24 0.17 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 38.92 -0.04 0.00 | 37.91 -0.08 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.62 -0.18 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.69 -0.71 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.57 -0.53 0.00 | 39.68 -0.36 0.00 |
| GOUDEY___8 23580 | 38.77 -0.08 0.00 | 36.45 -0.07 0.00 | 35.92 -0.04 0.00 | 36.16 -0.04 0.00 | 37.35 0.07 0.00 | 42.05 0.21 0.00 | 53.05 0.26 0.00 | 58.24 0.17 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 38.92 -0.04 0.00 | 37.91 -0.08 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.62 -0.18 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.69 -0.71 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.57 -0.53 0.00 | 39.68 -0.36 0.00 |
| GOWANUS_GT1_1 24077 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_2 24078 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_3 24079 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_4 24080 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_5 24084 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_6 24111 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_7 24112 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT1_8 24113 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT2_1 24114 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| GOWANUS_GT2_2 24115 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| GOWANUS_GT2_3 24116 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |

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|------------------------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| GOWANUS_GT2_4 24117 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT2_5 24118 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT2_6 24119 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT2_7 24120 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT2_8 24121 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_1 24122 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_2 24123 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_3 24124 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_4 24125 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_5 24126 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_6 24127 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_7 24128 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT3_8 24129 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT4_1 24130 | 58.60 | 55.30 | 58.14 | 42.73 | 58.17 | 58.34 | 60.46 | 61.87 | 60.22 | 59.36 | 59.33 | 59.23 | 58.77 | 58.77 | 59.21 | 59.18 | 60.27 | 126.59 | 137.02 | 106.21 | 97.71 | 60.32 | 59.61 | 59.32 |
| | 2.60 | 2.30 | 2.23 | 2.21 | 2.24 | 2.18 | 2.90 | 3.08 | 2.70 | 2.62 | 2.42 | 2.39 | 2.32 | 2.35 | 2.43 | 2.50 | 2.96 | 3.38 | 3.56 | 3.69 | 3.55 | 3.28 | 3.08 | 2.80 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| GOWANUS_GT4_2 24131 | 58.60 | 55.30 | 58.14 | 42.73 | 58.17 | 58.34 | 60.46 | 61.87 | 60.22 | 59.36 | 59.33 | 59.23 | 58.77 | 58.77 | 59.21 | 59.18 | 60.27 | 126.59 | 137.02 | 106.21 | 97.71 | 60.32 | 59.61 | 59.32 |
| | 2.60 | 2.30 | 2.23 | 2.21 | 2.24 | 2.18 | 2.90 | 3.08 | 2.70 | 2.62 | 2.42 | 2.39 | 2.32 | 2.35 | 2.43 | 2.50 | 2.96 | 3.38 | 3.56 | 3.69 | 3.55 | 3.28 | 3.08 | 2.80 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT4_4 24133 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT4_5 24134 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT4_6 24135 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT4_7 24136 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GOWANUS_GT4_8 24137 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GREENBSH_115KV_TB3 55895 | 39.71 0.85 0.00 | 37.36 0.84 0.00 | 36.74 0.79 0.00 | 36.99 0.80 0.00 | 38.02 0.75 0.00 | 42.51 0.67 0.00 | 53.63 0.84 0.00 | 58.88 0.81 0.00 | 47.94 0.62 0.00 | 41.56 0.57 0.00 | 39.54 0.58 0.00 | 38.52 0.53 0.00 | 37.42 0.55 0.00 | 37.32 0.59 0.00 | 37.36 0.55 0.00 | 39.36 0.35 0.00 | 45.07 0.27 0.00 | 55.82 0.39 0.00 | 59.88 0.48 0.00 | 51.81 0.61 0.00 | 50.07 0.74 0.00 | 45.47 0.54 0.00 | 41.89 0.78 0.00 | 40.76 0.72 0.00 |
| GREENIDGE_115KV_TB5 80291 | 38.58 -0.27 0.00 | 36.23 -0.29 0.00 | 35.70 -0.25 0.00 | 36.01 -0.18 0.00 | 37.24 -0.04 0.00 | 42.17 0.33 0.00 | 53.31 0.53 0.00 | 58.07 0.00 0.00 | 47.70 0.38 0.00 | 40.86 -0.12 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.64 -0.22 0.00 | 36.37 -0.37 0.00 | 36.51 -0.29 0.00 | 38.62 -0.39 0.00 | 44.17 -0.63 0.00 | 54.16 -1.27 0.00 | 58.10 -1.31 0.00 | 50.36 -0.92 -0.08 | 47.95 -1.38 0.00 | 43.90 -1.03 0.00 | 40.00 -1.11 0.00 | 39.24 -0.80 0.00 |
| GREENIDGE___3 23582 | 38.58 -0.27 0.00 | 36.23 -0.29 0.00 | 35.70 -0.25 0.00 | 36.01 -0.18 0.00 | 37.24 -0.04 0.00 | 42.17 0.33 0.00 | 53.31 0.53 0.00 | 58.07 0.00 0.00 | 47.70 0.38 0.00 | 40.86 -0.12 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.64 -0.22 0.00 | 36.37 -0.37 0.00 | 36.51 -0.29 0.00 | 38.62 -0.39 0.00 | 44.17 -0.63 0.00 | 54.16 -1.27 0.00 | 58.10 -1.31 0.00 | 50.36 -0.92 -0.08 | 47.95 -1.38 0.00 | 43.90 -1.03 0.00 | 40.00 -1.11 0.00 | 39.24 -0.80 0.00 |
| GREENIDGE___4 23583 | 38.58 -0.27 0.00 | 36.27 -0.25 0.00 | 35.70 -0.25 0.00 | 36.01 -0.18 0.00 | 37.24 -0.04 0.00 | 42.34 0.50 0.00 | 53.37 0.58 0.00 | 58.07 0.00 0.00 | 47.70 0.38 0.00 | 40.86 -0.12 0.00 | 39.11 0.16 0.00 | 37.87 -0.11 0.00 | 36.64 -0.22 0.00 | 36.37 -0.37 0.00 | 36.55 -0.26 0.00 | 38.62 -0.39 0.00 | 44.17 -0.63 0.00 | 54.10 -1.33 0.00 | 58.09 -1.31 0.00 | 50.41 -0.87 -0.08 | 47.95 -1.38 0.00 | 43.95 -0.99 0.00 | 40.08 -1.03 0.00 | 39.20 -0.84 0.00 |
| GREENLWN_69_KV_BK 3 55738 | 49.51 2.88 -7.79 | 44.44 2.56 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.35 2.55 -2.95 | 58.32 3.38 -2.16 | 61.55 3.48 0.00 | 50.17 2.84 0.00 | 43.57 2.58 0.00 | 41.21 2.26 0.00 | 40.23 2.24 0.00 | 38.89 2.03 0.00 | 38.79 2.06 0.00 | 38.98 2.17 0.00 | 41.51 2.50 0.00 | 48.03 3.23 0.00 | 58.92 3.49 0.00 | 63.32 3.92 0.00 | 55.09 3.89 0.00 | 53.13 3.80 0.00 | 50.24 3.59 -1.71 | 48.91 3.33 -4.47 | 47.53 3.04 -4.45 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |
| GRISSOM___SOLAR 323813 | 41.53 2.68 0.00 | 38.97 2.45 0.00 | 38.32 2.37 0.00 | 38.65 2.46 0.00 | 39.92 2.65 0.00 | 44.85 3.01 0.00 | 56.74 3.96 0.00 | 62.25 4.18 0.00 | 50.31 2.98 0.00 | 43.11 2.13 0.00 | 40.71 1.75 0.00 | 39.55 1.56 0.00 | 38.34 1.48 0.00 | 38.35 1.61 0.00 | 38.50 1.69 0.00 | 41.16 2.14 0.00 | 47.76 2.96 0.00 | 59.37 3.94 0.00 | 63.86 4.46 0.00 | 55.04 3.84 0.00 | 53.28 3.95 0.00 | 48.40 3.46 0.00 | 44.15 3.04 0.00 | 42.96 2.92 0.00 |
| GROVEVILLE___HYD 323602 | 40.91 2.06 0.00 | 38.38 1.86 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.10 1.83 0.00 | 43.68 1.84 0.00 | 55.26 2.48 0.00 | 60.86 2.79 0.00 | 49.55 2.22 0.00 | 42.95 1.97 0.00 | 40.63 1.68 0.00 | 39.62 1.63 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.46 1.66 0.00 | 40.85 1.83 0.00 | 47.13 2.33 0.00 | 58.31 2.88 0.00 | 62.61 3.21 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.59 2.65 0.00 | 43.62 2.51 0.00 | 42.28 2.24 0.00 |
| GRS_LOCK_115KV_LINE_2_SOLVAY 80269 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |

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| HAMLTNNY_34_KV_TB 80303 | 38.39 -0.47 0.00 | 36.12 -0.40 0.00 | 35.59 -0.36 0.00 | 35.87 -0.33 0.00 | 36.98 -0.30 0.00 | 41.63 -0.21 0.00 | 52.57 -0.21 0.00 | 57.78 -0.29 0.00 | 47.09 -0.24 0.00 | 40.53 -0.45 0.00 | 38.57 -0.39 0.00 | 37.61 -0.38 0.00 | 36.46 -0.41 0.00 | 36.26 -0.48 0.00 | 36.37 -0.44 0.00 | 38.47 -0.55 0.00 | 44.08 -0.72 0.00 | 54.54 -0.89 0.00 | 58.57 -0.83 0.00 | 50.48 -0.72 0.00 | 48.44 -0.89 0.00 | 44.26 -0.67 0.00 | 40.41 -0.70 0.00 | 39.44 -0.60 0.00 |
| HAMPSHIRE___PAPER_HYD 323593 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.68 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.62 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.48 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 38.31 -0.54 0.00 | 35.90 -0.62 0.00 | 35.27 -0.68 0.00 | 35.47 -0.72 0.00 | 36.49 -0.78 0.00 | 40.96 -0.88 0.00 | 51.57 -1.21 0.00 | 56.85 -1.22 0.00 | 46.38 -0.95 0.00 | 40.33 -0.66 0.00 | 38.29 -0.66 0.00 | 37.42 -0.57 0.00 | 36.35 -0.52 0.00 | 36.26 -0.48 0.00 | 36.33 -0.48 0.00 | 38.66 -0.35 0.00 | 44.53 -0.27 0.00 | 55.37 -0.06 0.00 | 59.34 -0.06 0.00 | 51.00 -0.20 0.00 | 48.93 -0.40 0.00 | 44.40 -0.54 0.00 | 40.49 -0.62 0.00 | 39.32 -0.72 0.00 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 40.60 1.75 0.00 | 38.09 1.57 0.00 | 37.46 1.51 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.30 1.46 0.00 | 54.74 1.95 0.00 | 60.28 2.21 0.00 | 49.12 1.80 0.00 | 42.70 1.72 0.00 | 40.44 1.48 0.00 | 39.43 1.44 0.00 | 38.23 1.36 0.00 | 38.13 1.40 0.00 | 38.28 1.47 0.00 | 40.61 1.60 0.00 | 46.82 2.02 0.00 | 57.81 2.38 0.00 | 62.08 2.67 0.00 | 53.91 2.71 0.00 | 51.94 2.61 0.00 | 47.23 2.29 0.00 | 43.25 2.14 0.00 | 41.96 1.92 0.00 |
| HARSNRAD_115KV_TB1 81005 | 36.09 -2.76 0.00 | 34.07 -2.45 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 39.96 -1.88 0.00 | 49.93 -2.85 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 36.34 -2.61 0.00 | 35.40 -2.58 0.00 | 34.47 -2.40 0.00 | 33.98 -2.76 0.00 | 34.05 -2.76 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.83 -6.60 0.00 | 52.27 -7.13 0.00 | 44.71 -6.45 0.04 | 43.06 -6.26 0.00 | 39.77 -5.17 0.00 | 36.46 -4.65 0.00 | 36.28 -3.76 0.00 |
| HARZA MOOSE___RIVER 24016 | 39.47 0.62 0.00 | 37.03 0.51 0.00 | 36.46 0.50 0.00 | 36.77 0.58 0.00 | 37.91 0.63 0.00 | 42.72 0.88 0.00 | 54.05 1.27 0.00 | 59.75 1.68 0.00 | 48.51 1.18 0.00 | 42.21 1.23 0.00 | 39.97 1.01 0.00 | 39.01 1.03 0.00 | 37.90 1.03 0.00 | 37.76 1.03 0.00 | 37.80 0.99 0.00 | 40.22 1.21 0.00 | 46.23 1.43 0.00 | 57.54 2.11 0.00 | 61.24 1.84 0.00 | 52.33 1.13 0.00 | 50.27 0.94 0.00 | 45.74 0.81 0.00 | 41.85 0.74 0.00 | 40.72 0.68 0.00 |
| HDSNBRDG_115KV_BRDG_TB1 355580 | 38.11 -0.74 0.00 | 35.83 -0.69 0.00 | 35.31 -0.65 0.00 | 35.58 -0.62 0.00 | 36.68 -0.60 0.00 | 41.25 -0.59 0.00 | 52.04 -0.74 0.00 | 57.20 -0.87 0.00 | 46.81 -0.52 0.00 | 40.37 -0.61 0.00 | 38.41 -0.55 0.00 | 37.42 -0.57 0.00 | 36.31 -0.55 0.00 | 36.11 -0.62 0.00 | 36.18 -0.63 0.00 | 38.27 -0.74 0.00 | 43.86 -0.94 0.00 | 54.10 -1.33 0.00 | 58.04 -1.37 0.00 | 50.02 -1.18 0.00 | 48.05 -1.28 0.00 | 43.90 -1.03 0.00 | 40.12 -0.99 0.00 | 39.16 -0.88 0.00 |
| HELLGATE_13_KV_LD 55870 | 41.19 2.33 -0.01 | 38.54 2.01 -0.01 | 37.94 1.98 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.72 1.88 0.00 | 55.26 2.48 0.00 | 60.68 2.61 0.00 | 49.60 2.27 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.37 2.94 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.49 3.16 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 41.19 2.33 -0.01 | 38.54 2.01 -0.01 | 37.94 1.98 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.72 1.88 0.00 | 55.26 2.48 0.00 | 60.68 2.61 0.00 | 49.60 2.27 0.00 | 43.24 2.25 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.90 2.03 -0.01 | 38.80 2.06 -0.01 | 38.91 2.10 -0.01 | 41.16 2.15 0.00 | 47.40 2.60 0.00 | 58.37 2.94 0.00 | 62.43 3.03 0.00 | 54.43 3.23 0.00 | 52.49 3.16 0.00 | 47.86 2.92 0.00 | 43.87 2.75 -0.01 | 42.53 2.48 -0.01 |
| HEMPSTEAD____ 23647 | 49.24 2.60 -7.79 | 44.18 2.30 -5.36 | 38.89 2.23 -0.71 | 38.40 2.21 0.00 | 39.47 2.20 0.00 | 47.01 2.22 -2.95 | 58.00 3.06 -2.16 | 61.50 3.43 0.00 | 50.02 2.70 0.00 | 43.32 2.33 0.00 | 40.90 1.95 0.00 | 40.00 2.01 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.35 2.34 0.00 | 47.80 3.00 0.00 | 58.70 3.27 0.00 | 62.91 3.50 0.00 | 54.89 3.69 0.00 | 52.88 3.55 0.00 | 49.97 3.33 -1.71 | 48.54 2.96 -4.47 | 47.29 2.80 -4.45 |
| HEWLETT_69_KV_BK3 55828 | 49.44 2.80 -7.79 | 44.37 2.48 -5.36 | 39.07 2.41 -0.71 | 38.58 2.39 0.00 | 39.70 2.42 0.00 | 47.30 2.51 -2.95 | 58.27 3.33 -2.16 | 61.55 3.48 0.00 | 50.12 2.79 0.00 | 43.52 2.54 0.00 | 41.18 2.22 0.00 | 40.19 2.20 0.00 | 38.85 1.99 0.00 | 38.75 2.02 0.00 | 38.94 2.13 0.00 | 41.47 2.46 0.00 | 47.98 3.18 0.00 | 58.87 3.44 0.00 | 63.26 3.86 0.00 | 55.04 3.84 0.00 | 53.08 3.75 0.00 | 50.20 3.55 -1.71 | 48.86 3.29 -4.47 | 47.49 3.00 -4.45 |
| HICKLING___1 23621 | 38.39 -0.47 0.00 | 36.08 -0.44 0.00 | 35.56 -0.40 0.00 | 35.87 -0.33 0.00 | 37.13 -0.15 0.00 | 42.01 0.17 0.00 | 52.99 0.21 0.00 | 58.01 -0.06 0.00 | 47.42 0.09 0.00 | 40.70 -0.29 0.00 | 38.68 -0.27 0.00 | 37.65 -0.34 0.00 | 36.53 -0.33 0.00 | 36.22 -0.51 0.00 | 36.37 -0.44 0.00 | 38.35 -0.66 0.00 | 43.73 -1.08 0.00 | 53.82 -1.61 0.00 | 57.62 -1.78 0.00 | 49.74 -1.48 -0.03 | 47.31 -2.02 0.00 | 43.36 -1.57 0.00 | 39.63 -1.48 0.00 | 38.96 -1.08 0.00 |
| HICKLING___2 23622 | 38.39 -0.47 0.00 | 36.08 -0.44 0.00 | 35.56 -0.40 0.00 | 35.87 -0.33 0.00 | 37.13 -0.15 0.00 | 42.01 0.17 0.00 | 52.99 0.21 0.00 | 58.01 -0.06 0.00 | 47.42 0.09 0.00 | 40.70 -0.29 0.00 | 38.68 -0.27 0.00 | 37.65 -0.34 0.00 | 36.53 -0.33 0.00 | 36.22 -0.51 0.00 | 36.37 -0.44 0.00 | 38.35 -0.66 0.00 | 43.73 -1.08 0.00 | 53.82 -1.61 0.00 | 57.62 -1.78 0.00 | 49.74 -1.48 -0.03 | 47.31 -2.02 0.00 | 43.36 -1.57 0.00 | 39.63 -1.48 0.00 | 38.96 -1.08 0.00 |
| HIGH FALLS___HY 23754 | 40.91 2.06 0.00 | 38.35 1.83 0.00 | 37.71 1.76 0.00 | 37.96 1.77 0.00 | 39.10 1.83 0.00 | 43.72 1.88 0.00 | 55.42 2.64 0.00 | 61.03 2.96 0.00 | 49.65 2.32 0.00 | 42.99 2.01 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.34 1.47 0.00 | 38.24 1.51 0.00 | 38.43 1.62 0.00 | 40.89 1.87 0.00 | 47.26 2.46 0.00 | 58.59 3.16 0.00 | 62.97 3.56 0.00 | 54.63 3.43 0.00 | 52.59 3.26 0.00 | 47.72 2.79 0.00 | 43.70 2.59 0.00 | 42.32 2.28 0.00 |
| HIGH_RIVER___SOLAR 323847 | 40.60 1.75 0.00 | 38.09 1.57 0.00 | 37.50 1.54 0.00 | 37.75 1.56 0.00 | 38.95 1.68 0.00 | 43.64 1.80 0.00 | 55.16 2.38 0.00 | 60.51 2.44 0.00 | 49.03 1.70 0.00 | 42.17 1.19 0.00 | 39.85 0.90 0.00 | 38.75 0.76 0.00 | 37.53 0.66 0.00 | 37.54 0.81 0.00 | 37.69 0.88 0.00 | 40.22 1.21 0.00 | 46.55 1.75 0.00 | 57.81 2.38 0.00 | 62.08 2.68 0.00 | 53.61 2.41 0.00 | 51.80 2.47 0.00 | 47.09 2.16 0.00 | 43.08 1.97 0.00 | 41.92 1.88 0.00 |

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|------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| HILLBURN___GT 23639 | 40.60 1.75 0.00 | 38.02 1.50 0.00 | 37.43 1.47 0.00 | 37.64 1.45 0.00 | 38.73 1.45 0.00 | 43.18 1.34 0.00 | 54.63 1.85 0.00 | 60.22 2.15 0.00 | 49.12 1.80 0.00 | 42.70 1.72 0.00 | 40.40 1.44 0.00 | 39.47 1.48 0.00 | 38.30 1.44 0.00 | 38.21 1.47 0.00 | 38.32 1.51 0.00 | 40.65 1.64 0.00 | 46.77 1.97 0.00 | 57.70 2.27 0.00 | 61.90 2.49 0.00 | 53.81 2.61 0.00 | 51.84 2.51 0.00 | 47.18 2.25 0.00 | 43.12 2.01 0.00 | 41.88 1.84 0.00 |
| HILLSIDE_115KV_TB1 80332 | 38.00 -0.85 0.00 | 35.75 -0.77 0.00 | 35.23 -0.72 0.00 | 35.50 -0.69 0.00 | 36.72 -0.56 0.00 | 41.51 -0.33 0.00 | 52.36 -0.42 0.00 | 57.26 -0.81 0.00 | 46.81 -0.52 0.00 | 40.25 -0.74 0.00 | 38.21 -0.74 0.00 | 37.23 -0.76 0.00 | 36.09 -0.77 0.00 | 35.82 -0.92 0.00 | 35.93 -0.88 0.00 | 37.88 -1.13 0.00 | 43.23 -1.57 0.00 | 53.21 -2.22 0.00 | 56.97 -2.44 0.00 | 49.28 -1.95 -0.02 | 46.91 -2.42 0.00 | 43.00 -1.93 0.00 | 39.34 -1.77 0.00 | 38.64 -1.40 0.00 |
| HISHELDN_WT_PWR 323625 | 36.68 -2.17 0.00 | 34.69 -1.82 0.00 | 34.08 -1.87 0.00 | 34.38 -1.81 0.00 | 35.78 -1.49 0.00 | 40.96 -0.88 0.00 | 51.09 -1.69 0.00 | 55.80 -2.27 0.00 | 45.77 -1.56 0.00 | 39.18 -1.80 0.00 | 37.75 -1.21 0.00 | 36.47 -1.52 0.00 | 35.28 -1.58 0.00 | 34.86 -1.87 0.00 | 35.01 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.16 -5.27 0.00 | 53.64 -5.76 0.00 | 45.83 -5.22 0.15 | 43.76 -5.57 0.00 | 40.44 -4.49 0.00 | 37.20 -3.91 0.00 | 36.60 -3.44 0.00 |
| HOLTSVILLE_IC_1 23690 | 49.47 2.83 -7.79 | 44.40 2.52 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.26 2.47 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.26 2.94 0.00 | 43.40 2.42 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.27 2.26 0.00 | 47.71 2.91 0.00 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.68 3.48 0.00 | 52.64 3.31 0.00 | 49.93 3.28 -1.71 | 48.49 2.92 -4.47 | 47.21 2.72 -4.45 |
| HOLTSVILLE_IC_10 23699 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.39 2.60 -2.95 | 58.48 3.54 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.48 2.50 0.00 | 40.82 1.87 0.00 | 40.04 2.05 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 47.96 2.96 -0.20 | 59.13 3.05 -0.65 | 63.58 3.38 -0.79 | 55.44 3.58 -0.66 | 53.06 3.36 -0.38 | 50.46 3.33 -2.20 | 49.06 2.92 -5.03 | 47.87 2.72 -5.10 |
| HOLTSVILLE_IC_2 23691 | 49.47 2.83 -7.79 | 44.40 2.52 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.26 2.47 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.26 2.94 0.00 | 43.40 2.42 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.27 2.26 0.00 | 47.71 2.91 0.00 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.68 3.48 0.00 | 52.64 3.31 0.00 | 49.93 3.28 -1.71 | 48.49 2.92 -4.47 | 47.21 2.72 -4.45 |
| HOLTSVILLE_IC_3 23692 | 49.47 2.83 -7.79 | 44.40 2.52 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.26 2.47 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.26 2.94 0.00 | 43.40 2.42 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.27 2.26 0.00 | 47.71 2.91 0.00 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.68 3.48 0.00 | 52.64 3.31 0.00 | 49.93 3.28 -1.71 | 48.49 2.92 -4.47 | 47.21 2.72 -4.45 |
| HOLTSVILLE_IC_4 23693 | 49.47 2.83 -7.79 | 44.40 2.52 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.26 2.47 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.26 2.94 0.00 | 43.40 2.42 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.27 2.26 0.00 | 47.71 2.91 0.00 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.68 3.48 0.00 | 52.64 3.31 0.00 | 49.93 3.28 -1.71 | 48.49 2.92 -4.47 | 47.21 2.72 -4.45 |
| HOLTSVILLE_IC_5 23694 | 49.47 2.83 -7.79 | 44.40 2.52 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.77 2.50 0.00 | 47.26 2.47 -2.95 | 58.22 3.27 -2.16 | 61.73 3.66 0.00 | 50.26 2.94 0.00 | 43.40 2.42 0.00 | 40.82 1.87 0.00 | 39.96 1.97 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.27 2.26 0.00 | 47.71 2.91 0.00 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.68 3.48 0.00 | 52.64 3.31 0.00 | 49.93 3.28 -1.71 | 48.49 2.92 -4.47 | 47.21 2.72 -4.45 |
| HOLTSVILLE_IC_6 23695 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.39 2.60 -2.95 | 58.48 3.54 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.48 2.50 0.00 | 40.82 1.87 0.00 | 40.04 2.05 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 47.96 2.96 -0.20 | 59.13 3.05 -0.65 | 63.58 3.38 -0.79 | 55.44 3.58 -0.66 | 53.06 3.36 -0.38 | 50.46 3.33 -2.20 | 49.06 2.92 -5.03 | 47.87 2.72 -5.10 |
| HOLTSVILLE_IC_7 23696 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.39 2.60 -2.95 | 58.48 3.54 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.48 2.50 0.00 | 40.82 1.87 0.00 | 40.04 2.05 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 47.96 2.96 -0.20 | 59.13 3.05 -0.65 | 63.58 3.38 -0.79 | 55.44 3.58 -0.66 | 53.06 3.36 -0.38 | 50.46 3.33 -2.20 | 49.06 2.92 -5.03 | 47.87 2.72 -5.10 |
| HOLTSVILLE_IC_8 23697 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.39 2.60 -2.95 | 58.48 3.54 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.48 2.50 0.00 | 40.82 1.87 0.00 | 40.04 2.05 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 47.96 2.96 -0.20 | 59.13 3.05 -0.65 | 63.58 3.38 -0.79 | 55.44 3.58 -0.66 | 53.06 3.36 -0.38 | 50.46 3.33 -2.20 | 49.06 2.92 -5.03 | 47.87 2.72 -5.10 |
| HOLTSVILLE_IC_9 23698 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.39 2.60 -2.95 | 58.48 3.54 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.48 2.50 0.00 | 40.82 1.87 0.00 | 40.04 2.05 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 41.31 2.30 0.00 | 47.96 2.96 -0.20 | 59.13 3.05 -0.65 | 63.58 3.38 -0.79 | 55.44 3.58 -0.66 | 53.06 3.36 -0.38 | 50.46 3.33 -2.20 | 49.06 2.92 -5.03 | 47.87 2.72 -5.10 |
| HOMER_HL_115KV_TB2 355744 | 37.92 -0.93 0.00 | 35.75 -0.77 0.00 | 35.31 -0.65 0.00 | 35.61 -0.58 0.00 | 36.98 -0.30 0.00 | 42.01 0.17 0.00 | 52.84 0.05 0.00 | 57.72 -0.35 0.00 | 47.37 0.05 0.00 | 40.57 -0.41 0.00 | 38.53 -0.43 0.00 | 37.49 -0.49 0.00 | 36.38 -0.48 0.00 | 36.00 -0.73 0.00 | 36.00 -0.81 0.00 | 37.73 -1.29 0.00 | 42.74 -2.06 0.00 | 52.22 -3.21 0.00 | 55.84 -3.56 0.00 | 48.68 -2.51 0.01 | 45.68 -3.65 0.00 | 42.10 -2.83 0.00 | 38.64 -2.47 0.00 | 38.24 -1.80 0.00 |
| HOWARD_WT_PWR 323690 | 37.61 -1.24 0.00 | 35.39 -1.13 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 36.05 -1.23 0.00 | 41.25 -0.59 0.00 | 51.83 -0.95 0.00 | 56.85 -1.22 0.00 | 46.71 -0.62 0.00 | 40.00 -0.98 0.00 | 38.60 -0.35 0.00 | 37.53 -0.45 0.00 | 36.38 -0.48 0.00 | 36.15 -0.59 0.00 | 36.40 -0.40 0.00 | 38.31 -0.70 0.00 | 43.55 -1.25 0.00 | 53.32 -2.11 0.00 | 56.91 -2.49 0.00 | 48.76 -2.61 -0.17 | 45.63 -3.70 0.00 | 41.66 -3.28 0.00 | 37.82 -3.29 0.00 | 37.08 -2.96 0.00 |

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| HQ_GEN_CEDARS 23644 | 39.40 0.54 0.00 | 37.10 0.58 0.00 | 36.56 0.61 0.00 | 36.73 0.54 0.00 | 37.83 0.56 0.00 | 42.59 0.75 0.00 | 53.68 0.90 0.00 | 59.12 1.05 0.00 | 47.99 0.66 0.00 | 41.60 0.61 0.00 | 39.66 0.70 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.62 0.81 0.00 | 40.07 1.05 0.00 | 46.06 1.25 0.00 | 57.15 1.72 0.00 | 61.01 1.60 0.00 | 52.12 0.92 0.00 | 50.27 0.94 0.00 | 45.88 0.94 0.00 | 41.89 0.78 0.00 | 40.88 0.84 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 39.40 0.54 0.00 | 37.10 0.58 0.00 | 36.56 0.61 0.00 | 36.74 0.54 0.00 | 37.83 0.56 0.00 | 42.59 0.75 0.00 | 53.68 0.90 0.00 | 59.12 1.05 0.00 | 47.99 0.66 0.00 | 41.60 0.62 0.00 | 39.66 0.70 0.00 | 38.71 0.72 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.62 0.81 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 57.15 1.72 0.00 | 61.01 1.60 0.00 | 52.12 0.92 0.00 | 50.26 0.93 0.00 | 45.88 0.95 0.00 | 41.89 0.78 0.00 | 40.88 0.84 0.00 |
| HQ_GEN_IMPORT 323601 | 38.89 0.04 0.00 | 36.56 0.04 0.00 | 35.99 0.04 0.00 | 36.23 0.04 0.00 | 37.31 0.04 0.00 | 41.92 0.08 0.00 | 52.89 0.11 0.00 | 58.24 0.17 0.00 | 47.42 0.09 0.00 | 41.11 0.12 0.00 | 39.11 0.16 0.00 | 38.14 0.15 0.00 | 37.05 0.19 0.00 | 36.92 0.18 0.00 | 37.03 0.22 0.00 | 39.32 0.31 0.00 | 45.20 0.40 0.00 | 56.04 0.61 0.00 | 60.00 0.59 0.00 | 51.51 0.31 0.00 | 49.63 0.30 0.00 | 45.16 0.23 0.00 | 41.27 0.17 0.00 | 40.20 0.16 0.00 |
| HQ_GEN_WHEEL 23651 | 38.89 0.04 0.00 | 36.56 0.04 0.00 | 35.99 0.04 0.00 | 36.23 0.04 0.00 | 37.31 0.04 0.00 | 41.92 0.08 0.00 | 52.89 0.11 0.00 | 58.24 0.17 0.00 | 47.42 0.09 0.00 | 41.11 0.12 0.00 | 39.11 0.16 0.00 | 38.14 0.15 0.00 | 37.05 0.19 0.00 | 36.92 0.18 0.00 | 37.03 0.22 0.00 | 39.32 0.31 0.00 | 45.20 0.40 0.00 | 56.04 0.61 0.00 | 60.00 0.59 0.00 | 51.51 0.31 0.00 | 49.63 0.30 0.00 | 45.16 0.23 0.00 | 41.27 0.17 0.00 | 40.20 0.16 0.00 |
| HUDSON AVE_GT_3 23810 | 40.99 2.14 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 40.00 2.01 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.83 2.02 0.00 | 41.12 2.11 0.00 | 47.35 2.55 0.00 | 58.37 2.94 0.00 | 62.55 3.15 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.77 2.83 0.00 | 43.74 2.63 0.00 | 42.36 2.32 0.00 |
| HUDSON AVE_GT_4 23540 | 40.99 2.14 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 40.00 2.01 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.83 2.02 0.00 | 41.12 2.11 0.00 | 47.35 2.55 0.00 | 58.37 2.94 0.00 | 62.55 3.15 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.77 2.83 0.00 | 43.74 2.63 0.00 | 42.36 2.32 0.00 |
| HUDSON AVE_GT_5 23657 | 40.99 2.14 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.06 1.79 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 40.00 2.01 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.83 2.02 0.00 | 41.12 2.11 0.00 | 47.35 2.55 0.00 | 58.37 2.94 0.00 | 62.55 3.15 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 47.77 2.83 0.00 | 43.74 2.63 0.00 | 42.36 2.32 0.00 |
| HUDSON_AVE_10 24168 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.71 0.00 | 43.43 1.59 0.00 | 55.00 2.22 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.20 2.21 0.00 | 40.90 1.95 0.00 | 39.96 1.98 0.00 | 38.74 1.88 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.72 2.79 0.00 | 43.70 2.59 0.00 | 42.32 2.28 0.00 |
| HUDSON___115KV_TB 4 355613 | 40.64 1.79 0.00 | 38.20 1.68 0.00 | 37.57 1.62 0.00 | 37.82 1.63 0.00 | 38.95 1.68 0.00 | 43.60 1.76 0.00 | 55.16 2.38 0.00 | 60.51 2.44 0.00 | 49.03 1.70 0.00 | 42.25 1.27 0.00 | 40.05 1.09 0.00 | 38.98 0.99 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.84 1.03 0.00 | 40.11 1.09 0.00 | 46.14 1.34 0.00 | 57.43 2.00 0.00 | 61.66 2.26 0.00 | 53.30 2.10 0.00 | 51.55 2.22 0.00 | 46.73 1.80 0.00 | 42.92 1.81 0.00 | 41.76 1.72 0.00 |
| HUNTER MOUNT___DRP 323613 | 40.91 2.06 0.00 | 38.49 1.97 0.00 | 37.82 1.87 0.00 | 38.11 1.92 0.00 | 39.21 1.94 0.00 | 43.93 2.09 0.00 | 55.69 2.90 0.00 | 61.03 2.96 0.00 | 49.36 2.04 0.00 | 42.38 1.39 0.00 | 40.08 1.13 0.00 | 39.01 1.03 0.00 | 37.82 0.96 0.00 | 37.73 0.99 0.00 | 37.91 1.10 0.00 | 40.22 1.21 0.00 | 46.41 1.61 0.00 | 57.81 2.38 0.00 | 62.19 2.79 0.00 | 53.71 2.51 0.00 | 51.89 2.57 0.00 | 47.00 2.07 0.00 | 43.20 2.10 0.00 | 42.04 2.00 0.00 |
| HUNTINGTON_RES_REC 323705 | 49.55 2.92 -7.79 | 44.48 2.59 -5.36 | 39.22 2.55 -0.71 | 38.76 2.57 0.00 | 39.85 2.57 0.00 | 47.35 2.55 -2.95 | 58.37 3.43 -2.16 | 61.96 3.89 0.00 | 50.40 3.07 0.00 | 43.53 2.54 0.00 | 40.98 2.02 0.00 | 40.11 2.13 0.00 | 38.78 1.92 0.00 | 38.64 1.91 0.00 | 38.79 1.99 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.81 3.38 0.00 | 63.15 3.74 0.00 | 55.04 3.84 0.00 | 52.98 3.65 0.00 | 50.20 3.55 -1.71 | 48.70 3.12 -4.47 | 47.41 2.92 -4.45 |
| HUNTLEY___63 23557 | 36.48 -2.37 0.00 | 34.44 -2.08 0.00 | 34.05 -1.91 0.00 | 34.38 -1.81 0.00 | 35.63 -1.64 0.00 | 40.42 -1.42 0.00 | 50.51 -2.27 0.00 | 55.17 -2.90 0.00 | 45.20 -2.13 0.00 | 38.73 -2.25 0.00 | 36.81 -2.14 0.00 | 35.86 -2.13 0.00 | 34.91 -1.95 0.00 | 34.42 -2.31 0.00 | 34.49 -2.32 0.00 | 35.93 -3.08 0.00 | 40.63 -4.17 0.00 | 49.44 -5.99 0.00 | 52.87 -6.53 0.00 | 45.27 -5.89 0.05 | 43.56 -5.77 0.00 | 40.22 -4.72 0.00 | 36.87 -4.23 0.00 | 36.68 -3.36 0.00 |
| HUNTLEY___64 23558 | 36.48 -2.37 0.00 | 34.44 -2.08 0.00 | 34.05 -1.91 0.00 | 34.38 -1.81 0.00 | 35.63 -1.64 0.00 | 40.42 -1.42 0.00 | 50.51 -2.27 0.00 | 55.17 -2.90 0.00 | 45.20 -2.13 0.00 | 38.73 -2.25 0.00 | 36.81 -2.14 0.00 | 35.86 -2.13 0.00 | 34.91 -1.95 0.00 | 34.42 -2.31 0.00 | 34.49 -2.32 0.00 | 35.93 -3.08 0.00 | 40.63 -4.17 0.00 | 49.44 -5.99 0.00 | 52.87 -6.53 0.00 | 45.27 -5.89 0.05 | 43.56 -5.77 0.00 | 40.22 -4.72 0.00 | 36.87 -4.23 0.00 | 36.68 -3.36 0.00 |
| HUNTLEY___65 23559 | 36.48 -2.37 0.00 | 34.44 -2.08 0.00 | 34.05 -1.91 0.00 | 34.38 -1.81 0.00 | 35.63 -1.64 0.00 | 40.42 -1.42 0.00 | 50.51 -2.27 0.00 | 55.17 -2.90 0.00 | 45.20 -2.13 0.00 | 38.73 -2.25 0.00 | 36.81 -2.14 0.00 | 35.86 -2.13 0.00 | 34.91 -1.95 0.00 | 34.42 -2.31 0.00 | 34.49 -2.32 0.00 | 35.93 -3.08 0.00 | 40.63 -4.17 0.00 | 49.44 -5.99 0.00 | 52.87 -6.53 0.00 | 45.27 -5.89 0.05 | 43.56 -5.77 0.00 | 40.22 -4.72 0.00 | 36.87 -4.23 0.00 | 36.68 -3.36 0.00 |
| HUNTLEY___66 23560 | 36.48 -2.37 0.00 | 34.44 -2.08 0.00 | 34.05 -1.91 0.00 | 34.38 -1.81 0.00 | 35.63 -1.64 0.00 | 40.42 -1.42 0.00 | 50.51 -2.27 0.00 | 55.17 -2.90 0.00 | 45.20 -2.13 0.00 | 38.73 -2.25 0.00 | 36.81 -2.14 0.00 | 35.86 -2.13 0.00 | 34.91 -1.95 0.00 | 34.42 -2.31 0.00 | 34.49 -2.32 0.00 | 35.93 -3.08 0.00 | 40.63 -4.17 0.00 | 49.44 -5.99 0.00 | 52.87 -6.53 0.00 | 45.27 -5.89 0.05 | 43.56 -5.77 0.00 | 40.22 -4.72 0.00 | 36.87 -4.23 0.00 | 36.68 -3.36 0.00 |

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| HUNTLEY___67 23561 | 36.33 -2.53 0.00 | 34.29 -2.23 0.00 | 33.90 -2.05 0.00 | 34.24 -1.95 0.00 | 35.45 -1.83 0.00 | 40.17 -1.67 0.00 | 50.25 -2.53 0.00 | 54.88 -3.19 0.00 | 44.96 -2.37 0.00 | 38.57 -2.42 0.00 | 36.66 -2.30 0.00 | 35.71 -2.28 0.00 | 34.73 -2.14 0.00 | 34.27 -2.46 0.00 | 34.31 -2.50 0.00 | 35.77 -3.24 0.00 | 40.46 -4.35 0.00 | 49.17 -6.26 0.00 | 52.63 -6.77 0.00 | 45.10 -6.04 0.05 | 43.36 -5.97 0.00 | 40.04 -4.90 0.00 | 36.71 -4.40 0.00 | 36.52 -3.52 0.00 |
| HUNTLEY___68 23562 | 36.33 -2.53 0.00 | 34.29 -2.23 0.00 | 33.90 -2.05 0.00 | 34.24 -1.95 0.00 | 35.45 -1.83 0.00 | 40.17 -1.67 0.00 | 50.25 -2.53 0.00 | 54.88 -3.19 0.00 | 44.96 -2.37 0.00 | 38.57 -2.42 0.00 | 36.66 -2.30 0.00 | 35.71 -2.28 0.00 | 34.73 -2.14 0.00 | 34.27 -2.46 0.00 | 34.31 -2.50 0.00 | 35.77 -3.24 0.00 | 40.46 -4.35 0.00 | 49.17 -6.26 0.00 | 52.63 -6.77 0.00 | 45.10 -6.04 0.05 | 43.36 -5.97 0.00 | 40.04 -4.90 0.00 | 36.71 -4.40 0.00 | 36.52 -3.52 0.00 |
| HYLAND___LFGE 323620 | 39.20 0.35 0.00 | 36.85 0.33 0.00 | 36.35 0.40 0.00 | 36.77 0.58 0.00 | 38.06 0.78 0.00 | 43.60 1.76 0.00 | 54.84 2.06 0.00 | 60.10 2.03 0.00 | 48.70 1.37 0.00 | 41.35 0.37 0.00 | 39.66 0.70 0.00 | 38.22 0.23 0.00 | 36.86 0.00 0.00 | 36.52 -0.22 0.00 | 36.85 0.04 0.00 | 38.93 -0.08 0.00 | 44.62 -0.18 0.00 | 55.26 -0.17 0.00 | 59.46 0.06 0.00 | 50.88 -0.51 -0.19 | 48.20 -1.13 0.00 | 44.40 -0.54 0.00 | 40.45 -0.66 0.00 | 39.60 -0.44 0.00 |
| INDECK___CORINTH 23802 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 43.89 2.05 0.00 | 55.47 2.69 0.00 | 60.80 2.73 0.00 | 49.27 1.94 0.00 | 42.54 1.56 0.00 | 40.04 1.09 0.00 | 39.01 1.03 0.00 | 37.67 0.81 0.00 | 37.58 0.85 0.00 | 37.69 0.88 0.00 | 40.46 1.44 0.00 | 46.77 1.97 0.00 | 58.04 2.61 0.00 | 62.43 3.03 0.00 | 53.81 2.61 0.00 | 52.29 2.96 0.00 | 47.63 2.70 0.00 | 44.97 3.86 0.00 | 43.85 3.81 0.00 |
| INDECK___ILION 23567 | 38.74 -0.12 0.00 | 36.34 -0.18 0.00 | 35.74 -0.22 0.00 | 35.97 -0.22 0.00 | 37.05 -0.22 0.00 | 41.59 -0.25 0.00 | 52.41 -0.37 0.00 | 57.72 -0.35 0.00 | 47.04 -0.28 0.00 | 40.82 -0.16 0.00 | 38.76 -0.19 0.00 | 37.84 -0.15 0.00 | 36.72 -0.15 0.00 | 36.62 -0.11 0.00 | 36.70 -0.11 0.00 | 38.93 -0.08 0.00 | 44.80 0.00 0.00 | 55.60 0.17 0.00 | 59.58 0.18 0.00 | 51.30 0.10 0.00 | 49.33 0.00 0.00 | 44.85 -0.09 0.00 | 40.98 -0.12 0.00 | 39.84 -0.20 0.00 |
| INDECK___OLEAN 23982 | 37.92 -0.93 0.00 | 35.82 -0.69 0.00 | 35.31 -0.65 0.00 | 35.61 -0.58 0.00 | 36.98 -0.30 0.00 | 42.30 0.46 0.00 | 52.89 0.11 0.00 | 57.72 -0.35 0.00 | 47.37 0.05 0.00 | 40.53 -0.45 0.00 | 38.99 0.04 0.00 | 37.65 -0.34 0.00 | 36.38 -0.48 0.00 | 36.00 -0.73 0.00 | 36.07 -0.74 0.00 | 37.73 -1.29 0.00 | 42.74 -2.06 0.00 | 52.16 -3.27 0.00 | 55.84 -3.56 0.00 | 48.68 -2.51 0.01 | 45.63 -3.70 0.00 | 42.15 -2.79 0.00 | 38.81 -2.30 0.00 | 38.20 -1.84 0.00 |
| INDECK___OSWEGO 23783 | 39.01 0.16 0.00 | 36.63 0.11 0.00 | 36.10 0.14 0.00 | 36.37 0.18 0.00 | 37.54 0.26 0.00 | 42.34 0.50 0.00 | 53.47 0.68 0.00 | 58.82 0.75 0.00 | 48.13 0.80 0.00 | 41.43 0.45 0.00 | 39.58 0.62 0.00 | 38.48 0.49 0.00 | 37.27 0.41 0.00 | 37.06 0.33 0.00 | 37.18 0.37 0.00 | 39.36 0.35 0.00 | 45.12 0.32 0.00 | 55.76 0.33 0.00 | 59.82 0.42 0.00 | 51.46 0.26 0.00 | 49.33 0.00 0.00 | 45.07 0.14 0.00 | 41.15 0.04 0.00 | 40.12 0.08 0.00 |
| INDECK___YERKES 23781 | 36.52 -2.33 0.00 | 34.58 -1.94 0.00 | 34.08 -1.87 0.00 | 34.42 -1.77 0.00 | 35.67 -1.60 0.00 | 40.88 -0.96 0.00 | 50.67 -2.11 0.00 | 55.23 -2.84 0.00 | 45.29 -2.03 0.00 | 38.77 -2.21 0.00 | 37.55 -1.40 0.00 | 36.17 -1.82 0.00 | 34.94 -1.92 0.00 | 34.49 -2.24 0.00 | 34.64 -2.17 0.00 | 36.01 -3.00 0.00 | 40.68 -4.12 0.00 | 49.39 -6.04 0.00 | 52.93 -6.47 0.00 | 45.32 -5.84 0.05 | 43.51 -5.82 0.00 | 40.31 -4.63 0.00 | 37.16 -3.95 0.00 | 36.64 -3.40 0.00 |
| INDIAN POINT_GT_1 24139 | 40.64 1.79 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.22 1.38 0.00 | 54.63 1.85 0.00 | 60.16 2.09 0.00 | 49.12 1.80 0.00 | 42.75 1.76 0.00 | 40.51 1.56 0.00 | 39.55 1.56 0.00 | 38.30 1.44 0.00 | 38.20 1.47 0.00 | 38.35 1.55 0.00 | 40.65 1.64 0.00 | 46.82 2.02 0.00 | 57.76 2.33 0.00 | 61.96 2.55 0.00 | 53.86 2.66 0.00 | 51.89 2.57 0.00 | 47.27 2.34 0.00 | 43.29 2.18 0.00 | 41.96 1.92 0.00 |
| INDIAN POINT_GT_2 23659 | 40.64 1.79 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.22 1.38 0.00 | 54.63 1.85 0.00 | 60.16 2.09 0.00 | 49.12 1.80 0.00 | 42.75 1.76 0.00 | 40.51 1.56 0.00 | 39.55 1.56 0.00 | 38.30 1.44 0.00 | 38.20 1.47 0.00 | 38.35 1.55 0.00 | 40.65 1.64 0.00 | 46.82 2.02 0.00 | 57.76 2.33 0.00 | 61.96 2.55 0.00 | 53.86 2.66 0.00 | 51.89 2.57 0.00 | 47.27 2.34 0.00 | 43.29 2.18 0.00 | 41.96 1.92 0.00 |
| INDIAN POINT_GT_3 24019 | 40.64 1.79 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.22 1.38 0.00 | 54.63 1.85 0.00 | 60.16 2.09 0.00 | 49.12 1.80 0.00 | 42.75 1.76 0.00 | 40.51 1.56 0.00 | 39.55 1.56 0.00 | 38.30 1.44 0.00 | 38.20 1.47 0.00 | 38.35 1.55 0.00 | 40.65 1.64 0.00 | 46.82 2.02 0.00 | 57.76 2.33 0.00 | 61.96 2.55 0.00 | 53.86 2.66 0.00 | 51.89 2.57 0.00 | 47.27 2.34 0.00 | 43.29 2.18 0.00 | 41.96 1.92 0.00 |
| INDIAN POINT___2 23530 | 40.60 1.75 0.00 | 38.02 1.50 0.00 | 37.39 1.44 0.00 | 37.64 1.45 0.00 | 38.73 1.45 0.00 | 43.14 1.30 0.00 | 54.58 1.80 0.00 | 60.22 2.15 0.00 | 49.12 1.80 0.00 | 42.70 1.72 0.00 | 40.40 1.44 0.00 | 39.47 1.48 0.00 | 38.30 1.44 0.00 | 38.21 1.47 0.00 | 38.32 1.51 0.00 | 40.65 1.64 0.00 | 46.77 1.97 0.00 | 57.65 2.22 0.00 | 61.84 2.44 0.00 | 53.81 2.61 0.00 | 51.84 2.51 0.00 | 47.18 2.25 0.00 | 43.12 2.01 0.00 | 41.88 1.84 0.00 |
| INDIAN POINT___3 23531 | 40.60 1.75 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.64 1.45 0.00 | 38.73 1.45 0.00 | 43.22 1.38 0.00 | 54.58 1.79 0.00 | 60.10 2.03 0.00 | 49.08 1.75 0.00 | 42.70 1.72 0.00 | 40.47 1.52 0.00 | 39.51 1.52 0.00 | 38.30 1.44 0.00 | 38.20 1.47 0.00 | 38.32 1.51 0.00 | 40.61 1.60 0.00 | 46.77 1.97 0.00 | 57.65 2.22 0.00 | 61.84 2.44 0.00 | 53.76 2.56 0.00 | 51.85 2.52 0.00 | 47.18 2.25 0.00 | 43.25 2.14 0.00 | 41.92 1.88 0.00 |
| INGHAM_C_115KV_TB7 356103 | 38.27 -0.58 0.00 | 35.86 -0.66 0.00 | 35.23 -0.72 0.00 | 35.47 -0.72 0.00 | 36.49 -0.78 0.00 | 40.96 -0.88 0.00 | 51.52 -1.27 0.00 | 56.79 -1.28 0.00 | 46.28 -1.04 0.00 | 40.29 -0.70 0.00 | 38.25 -0.70 0.00 | 37.34 -0.65 0.00 | 36.27 -0.59 0.00 | 36.18 -0.55 0.00 | 36.26 -0.55 0.00 | 38.54 -0.47 0.00 | 44.44 -0.36 0.00 | 55.26 -0.17 0.00 | 59.16 -0.24 0.00 | 50.84 -0.36 0.00 | 48.84 -0.49 0.00 | 44.35 -0.58 0.00 | 40.45 -0.66 0.00 | 39.28 -0.76 0.00 |
| IP CORINTH___1 23988 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 45.65 3.81 0.00 | 57.80 5.01 0.00 | 63.35 5.28 0.00 | 51.40 4.07 0.00 | 44.14 3.16 0.00 | 41.72 2.77 0.00 | 40.53 2.55 0.00 | 39.11 2.25 0.00 | 39.05 2.31 0.00 | 39.16 2.36 0.00 | 41.94 2.93 0.00 | 47.00 2.20 0.00 | 58.37 2.94 0.00 | 62.73 3.33 0.00 | 54.12 2.92 0.00 | 52.59 3.26 0.00 | 47.86 2.92 0.00 | 43.57 2.47 0.00 | 42.48 2.44 0.00 |

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|-----------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| IP__TICONDEROGA 23804 | 43.36 4.51 0.00 | 40.65 4.13 0.00 | 39.91 3.95 0.00 | 40.28 4.09 0.00 | 41.71 4.44 0.00 | 46.99 5.15 0.00 | 59.70 6.91 0.00 | 65.27 7.20 0.00 | 52.77 5.44 0.00 | 45.04 4.06 0.00 | 42.54 3.58 0.00 | 41.33 3.34 0.00 | 39.78 2.91 0.00 | 39.67 2.94 0.00 | 39.86 3.06 0.00 | 42.95 3.94 0.00 | 48.56 3.76 0.00 | 60.47 5.04 0.00 | 65.16 5.76 0.00 | 56.06 4.86 0.00 | 54.61 5.28 0.00 | 49.56 4.63 0.00 | 45.01 3.91 0.00 | 43.88 3.84 0.00 |
| ISLIP_RES_REC 323679 | 49.78 3.15 -7.79 | 44.69 2.81 -5.36 | 39.47 2.81 -0.71 | 38.98 2.79 0.00 | 40.07 2.80 0.00 | 47.60 2.80 -2.95 | 58.69 3.75 -2.16 | 62.31 4.24 0.00 | 50.64 3.31 0.00 | 43.65 2.66 0.00 | 40.98 2.02 0.00 | 40.15 2.16 0.00 | 38.78 1.92 0.00 | 38.64 1.91 0.00 | 38.76 1.95 0.00 | 41.47 2.46 0.00 | 48.04 3.14 -0.10 | 59.09 3.33 -0.33 | 63.49 3.68 -0.41 | 55.38 3.84 -0.34 | 53.12 3.60 -0.19 | 50.41 3.51 -1.97 | 48.95 3.08 -4.76 | 47.75 2.92 -4.78 |
| JAMAICA__27_KV_LOAD 355505 | 41.34 2.49 0.00 | 38.64 2.12 0.00 | 38.07 2.12 0.00 | 38.25 2.06 0.00 | 39.33 2.05 0.00 | 43.81 1.97 0.00 | 55.48 2.69 0.00 | 61.21 3.14 0.00 | 50.02 2.70 0.00 | 43.69 2.70 0.00 | 41.41 2.45 0.00 | 40.42 2.43 0.00 | 39.22 2.36 0.00 | 39.12 2.39 0.00 | 39.27 2.47 0.00 | 41.55 2.54 0.00 | 47.90 3.09 -0.01 | 58.98 3.55 0.00 | 63.26 3.86 0.00 | 55.04 3.84 0.00 | 53.09 3.75 -0.01 | 48.26 3.33 0.00 | 44.19 3.08 0.00 | 42.76 2.72 0.00 |
| JANIS__SOLAR 323808 | 40.41 1.56 0.00 | 37.91 1.39 0.00 | 37.32 1.37 0.00 | 37.60 1.41 0.00 | 38.80 1.53 0.00 | 44.01 2.17 0.00 | 55.68 2.90 0.00 | 61.09 3.02 0.00 | 49.55 2.22 0.00 | 42.58 1.60 0.00 | 40.43 1.48 0.00 | 39.24 1.25 0.00 | 37.97 1.10 0.00 | 37.73 0.99 0.00 | 37.91 1.10 0.00 | 40.42 1.40 0.00 | 46.59 1.79 0.00 | 58.20 2.77 0.00 | 62.55 3.15 0.00 | 53.62 2.41 -0.01 | 51.30 1.98 0.00 | 46.78 1.84 0.00 | 42.55 1.44 0.00 | 41.40 1.36 0.00 |
| JARVIS____ 23743 | 38.97 0.12 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.30 0.11 0.00 | 37.39 0.11 0.00 | 41.92 0.08 0.00 | 52.89 0.11 0.00 | 58.24 0.17 0.00 | 47.37 0.05 0.00 | 41.07 0.08 0.00 | 38.99 0.04 0.00 | 38.06 0.08 0.00 | 36.94 0.07 0.00 | 36.81 0.07 0.00 | 36.85 0.04 0.00 | 39.05 0.04 0.00 | 44.85 0.04 0.00 | 55.60 0.17 0.00 | 59.58 0.18 0.00 | 51.35 0.15 0.00 | 49.48 0.15 0.00 | 45.03 0.09 0.00 | 41.23 0.12 0.00 | 40.16 0.12 0.00 |
| JENNISON__1 23625 | 40.68 1.83 0.00 | 38.16 1.64 0.00 | 37.57 1.62 0.00 | 37.89 1.70 0.00 | 39.06 1.79 0.00 | 44.06 2.22 0.00 | 55.79 3.01 0.00 | 61.26 3.19 0.00 | 49.74 2.41 0.00 | 42.95 1.97 0.00 | 40.67 1.71 0.00 | 39.62 1.63 0.00 | 38.41 1.55 0.00 | 38.20 1.47 0.00 | 38.28 1.47 0.00 | 40.73 1.72 0.00 | 46.86 2.06 0.00 | 58.42 2.99 0.00 | 62.79 3.39 0.00 | 53.91 2.71 0.00 | 51.70 2.37 0.00 | 47.09 2.16 0.00 | 42.96 1.85 0.00 | 41.84 1.80 0.00 |
| JENNISON__2 23626 | 40.68 1.83 0.00 | 38.16 1.64 0.00 | 37.57 1.62 0.00 | 37.89 1.70 0.00 | 39.06 1.79 0.00 | 44.06 2.22 0.00 | 55.79 3.01 0.00 | 61.26 3.19 0.00 | 49.74 2.41 0.00 | 42.95 1.97 0.00 | 40.67 1.71 0.00 | 39.62 1.63 0.00 | 38.41 1.55 0.00 | 38.20 1.47 0.00 | 38.28 1.47 0.00 | 40.73 1.72 0.00 | 46.86 2.06 0.00 | 58.42 2.99 0.00 | 62.79 3.39 0.00 | 53.91 2.71 0.00 | 51.70 2.37 0.00 | 47.09 2.16 0.00 | 42.96 1.85 0.00 | 41.84 1.80 0.00 |
| JERICHO_RISE_WT_PWR 323719 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.59 -0.36 0.00 | 35.68 -0.51 0.00 | 36.79 -0.49 0.00 | 41.50 -0.34 0.00 | 52.31 -0.48 0.00 | 57.84 -0.23 0.00 | 47.09 -0.24 0.00 | 40.90 -0.08 0.00 | 38.95 0.00 0.00 | 38.03 0.04 0.00 | 36.97 0.11 0.00 | 36.96 0.22 0.00 | 37.14 0.33 0.00 | 39.72 0.70 0.00 | 45.83 1.03 0.00 | 57.04 1.61 0.00 | 61.01 1.60 0.00 | 52.07 0.87 0.00 | 50.07 0.74 0.00 | 45.48 0.54 0.00 | 41.27 0.17 0.00 | 40.24 0.20 0.00 |
| KATONAH__115KV_46KV_TB4 355592 | 40.95 2.10 0.00 | 38.38 1.86 0.00 | 37.75 1.80 0.00 | 38.04 1.85 0.00 | 39.14 1.86 0.00 | 43.64 1.80 0.00 | 55.21 2.43 0.00 | 60.92 2.85 0.00 | 49.65 2.32 0.00 | 43.03 2.05 0.00 | 40.71 1.75 0.00 | 39.77 1.79 0.00 | 38.49 1.62 0.00 | 38.35 1.62 0.00 | 38.58 1.77 0.00 | 40.92 1.91 0.00 | 47.31 2.51 0.00 | 58.37 2.94 0.00 | 62.61 3.21 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.68 2.74 0.00 | 43.70 2.59 0.00 | 42.32 2.28 0.00 |
| KCE_NY_1 323755 | 41.46 2.60 0.00 | 38.89 2.37 0.00 | 38.22 2.27 0.00 | 38.51 2.32 0.00 | 39.73 2.46 0.00 | 44.06 2.22 0.00 | 55.63 2.85 0.00 | 61.03 2.96 0.00 | 49.55 2.22 0.00 | 42.83 1.85 0.00 | 40.47 1.52 0.00 | 39.43 1.44 0.00 | 38.15 1.29 0.00 | 38.09 1.36 0.00 | 38.17 1.36 0.00 | 40.73 1.71 0.00 | 47.00 2.19 0.00 | 58.31 2.88 0.00 | 62.61 3.21 0.00 | 54.07 2.87 0.00 | 52.44 3.11 0.00 | 47.68 2.74 0.00 | 44.03 2.92 0.00 | 42.88 2.84 0.00 |
| KCE_NY_6_ESR 323823 | 36.91 -1.94 0.00 | 34.91 -1.61 0.00 | 34.41 -1.54 0.00 | 34.74 -1.45 0.00 | 36.05 -1.23 0.00 | 41.29 -0.55 0.00 | 51.41 -1.37 0.00 | 56.04 -2.03 0.00 | 46.00 -1.32 0.00 | 39.38 -1.60 0.00 | 38.06 -0.89 0.00 | 36.66 -1.33 0.00 | 35.42 -1.44 0.00 | 35.01 -1.73 0.00 | 35.12 -1.69 0.00 | 36.56 -2.46 0.00 | 41.31 -3.49 0.00 | 50.16 -5.27 0.00 | 53.70 -5.70 0.00 | 46.18 -4.97 0.06 | 44.05 -5.28 0.00 | 40.80 -4.13 0.00 | 37.57 -3.54 0.00 | 37.04 -3.00 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.92 2.65 0.00 | 47.39 2.60 -2.95 | 58.42 3.48 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.53 2.54 0.00 | 40.86 1.91 0.00 | 40.04 2.05 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.35 2.34 0.00 | 47.57 3.00 0.23 | 57.84 3.16 0.75 | 61.94 3.44 0.91 | 54.08 3.64 0.76 | 52.30 3.40 0.44 | 49.46 3.37 -1.15 | 47.89 2.96 -3.82 | 46.50 2.76 -3.70 |
| KEDC_PORT_JEFF_GT3 24211 | 49.63 2.99 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.92 2.65 0.00 | 47.39 2.60 -2.95 | 58.42 3.48 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.53 2.54 0.00 | 40.86 1.91 0.00 | 40.04 2.05 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.35 2.34 0.00 | 47.57 3.00 0.23 | 57.84 3.16 0.75 | 61.94 3.44 0.91 | 54.08 3.64 0.76 | 52.30 3.40 0.44 | 49.46 3.37 -1.15 | 47.89 2.96 -3.82 | 46.50 2.76 -3.70 |
| KEDC_GLWD_GT4 24219 | 49.36 2.72 -7.79 | 44.26 2.37 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.16 3.22 -2.16 | 61.73 3.66 0.00 | 50.17 2.84 0.00 | 43.48 2.50 0.00 | 41.06 2.10 0.00 | 40.15 2.16 0.00 | 38.85 1.99 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.47 2.46 0.00 | 47.94 3.14 0.00 | 58.87 3.44 0.00 | 62.91 3.50 0.00 | 55.04 3.84 0.00 | 53.03 3.70 0.00 | 50.11 3.46 -1.71 | 48.66 3.08 -4.47 | 47.41 2.92 -4.45 |
| KEDC_GLWD_GT5 24220 | 49.36 2.72 -7.79 | 44.26 2.37 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.16 3.22 -2.16 | 61.73 3.66 0.00 | 50.17 2.84 0.00 | 43.48 2.50 0.00 | 41.06 2.10 0.00 | 40.15 2.16 0.00 | 38.85 1.99 0.00 | 38.72 1.98 0.00 | 38.91 2.10 0.00 | 41.47 2.46 0.00 | 47.94 3.14 0.00 | 58.87 3.44 0.00 | 62.91 3.50 0.00 | 55.04 3.84 0.00 | 53.03 3.70 0.00 | 50.11 3.46 -1.71 | 48.66 3.08 -4.47 | 47.41 2.92 -4.45 |

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| KENSICO____ 23655 | 40.76 1.90 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.84 1.57 0.00 | 43.35 1.51 0.00 | 54.79 2.01 0.00 | 60.33 2.26 0.00 | 49.27 1.94 0.00 | 42.87 1.89 0.00 | 40.63 1.68 0.00 | 39.66 1.67 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.46 1.66 0.00 | 40.77 1.76 0.00 | 46.95 2.15 0.00 | 57.92 2.49 0.00 | 62.13 2.73 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.41 2.47 0.00 | 43.41 2.30 0.00 | 42.08 2.04 0.00 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 40.95 2.10 0.00 | 38.42 1.90 0.00 | 37.75 1.80 0.00 | 38.00 1.81 0.00 | 39.14 1.86 0.00 | 43.76 1.92 0.00 | 55.48 2.69 0.00 | 61.09 3.02 0.00 | 49.65 2.32 0.00 | 42.95 1.97 0.00 | 40.55 1.60 0.00 | 39.55 1.56 0.00 | 38.30 1.44 0.00 | 38.20 1.47 0.00 | 38.39 1.58 0.00 | 40.85 1.83 0.00 | 47.22 2.42 0.00 | 58.59 3.16 0.00 | 62.97 3.56 0.00 | 54.63 3.43 0.00 | 52.59 3.26 0.00 | 47.72 2.79 0.00 | 43.70 2.59 0.00 | 42.32 2.28 0.00 |
| KIAC_JFK_GT1 23816 | 41.11 2.25 0.00 | 38.42 1.90 0.00 | 37.86 1.91 0.00 | 38.07 1.88 0.00 | 39.14 1.86 0.00 | 43.56 1.72 0.00 | 54.95 2.16 0.00 | 60.63 2.56 0.00 | 49.55 2.22 0.00 | 43.44 2.46 0.00 | 41.18 2.22 0.00 | 40.23 2.24 0.00 | 39.00 2.14 0.00 | 38.94 2.20 0.00 | 39.05 2.25 0.00 | 41.31 2.30 0.00 | 47.63 2.82 -0.01 | 58.42 2.99 0.00 | 62.67 3.27 0.00 | 54.53 3.33 0.00 | 52.79 3.45 -0.01 | 47.99 3.06 0.00 | 43.94 2.84 0.00 | 42.52 2.48 0.00 |
| KIAC_JFK_GT2 23817 | 41.11 2.25 0.00 | 38.42 1.90 0.00 | 37.86 1.91 0.00 | 38.07 1.88 0.00 | 39.14 1.86 0.00 | 43.56 1.72 0.00 | 54.95 2.16 0.00 | 60.63 2.56 0.00 | 49.55 2.22 0.00 | 43.44 2.46 0.00 | 41.18 2.22 0.00 | 40.23 2.24 0.00 | 39.00 2.14 0.00 | 38.94 2.20 0.00 | 39.05 2.25 0.00 | 41.31 2.30 0.00 | 47.63 2.82 -0.01 | 58.42 2.99 0.00 | 62.67 3.27 0.00 | 54.53 3.33 0.00 | 52.79 3.45 -0.01 | 47.99 3.06 0.00 | 43.94 2.84 0.00 | 42.52 2.48 0.00 |
| KIAC_JFK____ 323774 | 41.10 2.25 0.00 | 38.42 1.90 0.00 | 37.86 1.90 0.00 | 38.07 1.88 0.00 | 39.14 1.86 0.00 | 43.52 1.68 0.00 | 55.00 2.22 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.48 2.50 0.00 | 41.10 2.14 0.00 | 40.19 2.20 0.00 | 39.04 2.17 0.00 | 38.94 2.20 0.00 | 39.05 2.25 0.00 | 41.35 2.34 0.00 | 47.63 2.82 -0.01 | 58.42 2.99 0.00 | 62.67 3.26 0.00 | 54.78 3.58 0.00 | 52.84 3.50 -0.01 | 47.99 3.06 0.00 | 43.74 2.63 0.00 | 42.48 2.44 0.00 |
| KINTIGH____ 23543 | 36.17 -2.68 0.00 | 34.18 -2.34 0.00 | 33.80 -2.16 0.00 | 34.09 -2.10 0.00 | 35.26 -2.01 0.00 | 39.87 -1.97 0.00 | 49.88 -2.90 0.00 | 54.47 -3.60 0.00 | 44.58 -2.74 0.00 | 38.28 -2.70 0.00 | 36.38 -2.57 0.00 | 35.48 -2.51 0.00 | 34.50 -2.36 0.00 | 34.09 -2.64 0.00 | 34.16 -2.65 0.00 | 35.70 -3.32 0.00 | 40.46 -4.35 0.00 | 49.39 -6.04 0.00 | 52.93 -6.47 0.00 | 45.18 -5.99 0.03 | 43.71 -5.62 0.00 | 40.26 -4.67 0.00 | 36.83 -4.28 0.00 | 36.56 -3.48 0.00 |
| KNTFSRNC_46_KV_46KV_LOAD 80397 | 38.93 0.08 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.01 -0.18 0.00 | 37.05 -0.22 0.00 | 41.92 0.08 0.00 | 52.57 -0.21 0.00 | 58.30 0.23 0.00 | 47.47 0.14 0.00 | 41.23 0.25 0.00 | 39.31 0.35 0.00 | 38.41 0.42 0.00 | 37.42 0.55 0.00 | 37.43 0.70 0.00 | 37.73 0.92 0.00 | 40.53 1.52 0.00 | 46.95 2.15 0.00 | 58.64 3.21 0.00 | 62.79 3.39 0.00 | 53.30 2.10 0.00 | 51.11 1.78 0.00 | 46.37 1.44 0.00 | 41.81 0.70 0.00 | 40.96 0.92 0.00 |
| LACHUTE__HYDRO 323717 | 43.36 4.50 0.00 | 40.64 4.13 0.00 | 39.91 3.95 0.00 | 40.28 4.09 0.00 | 41.71 4.43 0.00 | 45.65 3.81 0.00 | 57.90 5.12 0.00 | 63.30 5.23 0.00 | 51.16 3.83 0.00 | 43.81 2.83 0.00 | 41.17 2.22 0.00 | 40.11 2.13 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.76 1.95 0.00 | 41.82 2.81 0.00 | 48.56 3.76 0.00 | 60.47 5.04 0.00 | 65.16 5.76 0.00 | 56.01 4.81 0.00 | 54.61 5.28 0.00 | 49.56 4.63 0.00 | 46.25 5.14 0.00 | 45.08 5.04 0.00 |
| LAWRNCV_115KV_TB1 80681 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.47 0.63 0.00 | 53.36 0.58 0.00 | 58.71 0.64 0.00 | 47.56 0.24 0.00 | 41.35 0.37 0.00 | 39.54 0.58 0.00 | 38.67 0.68 0.00 | 37.56 0.70 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.59 1.19 0.00 | 51.61 0.41 0.00 | 49.92 0.59 0.00 | 45.61 0.67 0.00 | 41.77 0.66 0.00 | 40.84 0.80 0.00 |
| LEDERLE____ 23769 | 40.68 1.83 0.00 | 38.13 1.61 0.00 | 37.50 1.55 0.00 | 37.75 1.56 0.00 | 38.84 1.57 0.00 | 43.30 1.46 0.00 | 54.74 1.95 0.00 | 60.28 2.21 0.00 | 49.22 1.89 0.00 | 42.83 1.84 0.00 | 40.59 1.64 0.00 | 39.58 1.60 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.73 1.72 0.00 | 46.86 2.06 0.00 | 57.81 2.38 0.00 | 62.08 2.67 0.00 | 53.96 2.76 0.00 | 51.99 2.66 0.00 | 47.32 2.38 0.00 | 43.37 2.26 0.00 | 42.04 2.00 0.00 |
| LIGHTHSE_115KV_TB6 355974 | 38.93 0.08 0.00 | 36.56 0.04 0.00 | 36.02 0.07 0.00 | 36.30 0.11 0.00 | 37.46 0.19 0.00 | 42.17 0.33 0.00 | 53.31 0.53 0.00 | 58.71 0.64 0.00 | 48.04 0.71 0.00 | 41.43 0.45 0.00 | 39.46 0.51 0.00 | 38.41 0.42 0.00 | 37.27 0.41 0.00 | 37.03 0.29 0.00 | 37.14 0.33 0.00 | 39.36 0.35 0.00 | 45.11 0.31 0.00 | 55.87 0.44 0.00 | 59.82 0.42 0.00 | 51.30 0.10 0.00 | 49.28 -0.05 0.00 | 44.94 0.00 0.00 | 41.07 -0.04 0.00 | 40.12 0.08 0.00 |
| LINDEN COGEN____ 23786 | 40.68 1.83 0.00 | 38.05 1.53 0.00 | 37.46 1.51 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 42.59 1.30 0.55 | 54.68 1.90 0.00 | 60.33 2.26 0.00 | 49.22 1.90 0.00 | 42.87 1.89 0.00 | 40.55 1.60 0.00 | 39.66 1.67 0.00 | 38.48 1.62 0.00 | 38.39 1.65 0.00 | 38.50 1.69 0.00 | 40.81 1.80 0.00 | 45.85 2.15 1.10 | 57.86 2.44 0.01 | 62.01 2.61 0.00 | 54.07 2.87 0.00 | 52.14 2.81 0.00 | 47.36 2.42 0.00 | 43.20 2.10 0.00 | 42.00 1.96 0.00 |
| LINDHRST_69_KV_BK1 356055 | 49.63 2.99 -7.79 | 44.55 2.67 -5.36 | 39.29 2.62 -0.71 | 38.80 2.61 0.00 | 39.88 2.61 0.00 | 47.47 2.68 -2.95 | 58.48 3.54 -2.16 | 61.67 3.60 0.00 | 50.26 2.93 0.00 | 43.61 2.62 0.00 | 41.21 2.26 0.00 | 40.23 2.24 0.00 | 38.85 1.99 0.00 | 38.75 2.02 0.00 | 38.94 2.13 0.00 | 41.59 2.57 0.00 | 48.16 3.36 0.00 | 58.98 3.55 0.00 | 63.50 4.10 0.00 | 55.19 3.99 0.00 | 53.23 3.90 0.00 | 50.38 3.73 -1.71 | 48.99 3.41 -4.47 | 47.65 3.16 -4.45 |
| LIPA_MISC_IPP 23656 | 49.16 2.53 -7.79 | 44.11 2.23 -5.36 | 38.93 2.26 -0.71 | 38.47 2.28 0.00 | 39.55 2.27 0.00 | 46.72 1.92 -2.95 | 57.37 2.43 -2.16 | 60.63 2.56 0.00 | 48.98 1.66 0.00 | 42.62 1.64 0.00 | 39.97 1.01 0.00 | 39.24 1.25 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.62 0.81 0.00 | 40.14 1.13 0.00 | 42.85 1.39 3.34 | 45.85 1.11 10.69 | 47.85 1.49 13.04 | 42.09 1.74 10.85 | 44.86 1.78 6.24 | 40.42 1.84 6.36 | 38.01 1.69 4.78 | 35.19 1.44 6.29 |
| LISF__SOLAR 323691 | 49.24 2.60 -7.79 | 44.18 2.30 -5.36 | 39.00 2.34 -0.71 | 38.54 2.35 0.00 | 39.62 2.35 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.79 2.46 0.00 | 42.74 1.76 0.00 | 39.89 0.93 0.00 | 39.32 1.33 0.00 | 37.89 1.03 0.00 | 37.80 1.07 0.00 | 37.69 0.88 0.00 | 40.26 1.25 0.00 | 42.63 1.57 3.73 | 44.92 1.44 11.95 | 46.43 1.60 14.57 | 41.12 2.05 12.13 | 44.27 1.92 6.98 | 39.60 1.97 7.31 | 36.97 1.73 5.87 | 34.05 1.56 7.55 |

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| LITTLE FALLS___HYD 24013 | 38.27 -0.58 0.00 | 35.86 -0.66 0.00 | 35.23 -0.72 0.00 | 35.47 -0.72 0.00 | 36.49 -0.78 0.00 | 40.96 -0.88 0.00 | 51.52 -1.27 0.00 | 56.79 -1.28 0.00 | 46.28 -1.04 0.00 | 40.29 -0.70 0.00 | 38.25 -0.70 0.00 | 37.34 -0.65 0.00 | 36.27 -0.59 0.00 | 36.18 -0.55 0.00 | 36.26 -0.55 0.00 | 38.54 -0.47 0.00 | 44.44 -0.36 0.00 | 55.26 -0.17 0.00 | 59.16 -0.24 0.00 | 50.84 -0.36 0.00 | 48.84 -0.49 0.00 | 44.35 -0.58 0.00 | 40.45 -0.66 0.00 | 39.28 -0.76 0.00 |
| LITTLRIV_115KV_TB1 356100 | 39.78 0.93 0.00 | 37.43 0.91 0.00 | 36.89 0.93 0.00 | 37.13 0.94 0.00 | 38.24 0.97 0.00 | 43.01 1.17 0.00 | 54.16 1.37 0.00 | 59.58 1.51 0.00 | 48.13 0.80 0.00 | 41.80 0.82 0.00 | 39.89 0.93 0.00 | 39.01 1.03 0.00 | 37.90 1.03 0.00 | 37.80 1.07 0.00 | 37.91 1.10 0.00 | 40.50 1.48 0.00 | 46.50 1.70 0.00 | 57.76 2.33 0.00 | 61.42 2.02 0.00 | 52.28 1.08 0.00 | 50.51 1.18 0.00 | 46.19 1.26 0.00 | 42.30 1.19 0.00 | 41.32 1.28 0.00 |
| LI_NEWBRDGE___DRP 323616 | 49.05 2.41 -7.79 | 44.00 2.12 -5.36 | 38.71 2.05 -0.71 | 38.22 2.03 0.00 | 39.33 2.05 0.00 | 46.84 2.05 -2.95 | 57.63 2.69 -2.16 | 60.86 2.79 0.00 | 49.65 2.32 0.00 | 43.11 2.13 0.00 | 40.82 1.87 0.00 | 39.85 1.86 0.00 | 38.52 1.66 0.00 | 38.42 1.69 0.00 | 38.58 1.77 0.00 | 41.08 2.07 0.00 | 47.49 2.69 0.00 | 58.26 2.83 0.00 | 62.61 3.21 0.00 | 54.43 3.23 0.00 | 52.54 3.21 0.00 | 49.70 3.06 -1.71 | 48.41 2.84 -4.47 | 47.05 2.56 -4.45 |
| LOCKPORT_115KV_TB60_63_64 80432 | 36.09 -2.76 0.00 | 34.07 -2.45 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 39.96 -1.88 0.00 | 49.99 -2.80 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 36.34 -2.61 0.00 | 35.40 -2.58 0.00 | 34.47 -2.40 0.00 | 33.98 -2.76 0.00 | 34.05 -2.76 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.83 -6.60 0.00 | 52.33 -7.07 0.00 | 44.71 -6.45 0.04 | 43.06 -6.26 0.00 | 39.81 -5.12 0.00 | 36.46 -4.65 0.00 | 36.32 -3.72 0.00 |
| LOCKPORT___CC1 323769 | 36.09 -2.76 0.00 | 34.18 -2.34 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 40.37 -1.47 0.00 | 50.04 -2.75 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 37.09 -1.87 0.00 | 35.67 -2.32 0.00 | 34.47 -2.40 0.00 | 34.02 -2.72 0.00 | 34.16 -2.65 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.78 -6.65 0.00 | 52.27 -7.13 0.00 | 44.70 -6.45 0.04 | 42.97 -6.36 0.00 | 39.86 -5.08 0.00 | 36.71 -4.40 0.00 | 36.20 -3.84 0.00 |
| LOCKPORT___CC2 323770 | 36.09 -2.76 0.00 | 34.18 -2.34 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 40.37 -1.47 0.00 | 50.04 -2.75 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 37.09 -1.87 0.00 | 35.67 -2.32 0.00 | 34.47 -2.40 0.00 | 34.02 -2.72 0.00 | 34.16 -2.65 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.78 -6.65 0.00 | 52.27 -7.13 0.00 | 44.70 -6.45 0.04 | 42.97 -6.36 0.00 | 39.86 -5.08 0.00 | 36.71 -4.40 0.00 | 36.20 -3.84 0.00 |
| LOCKPORT___CC3 323771 | 36.09 -2.76 0.00 | 34.18 -2.34 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 40.37 -1.47 0.00 | 50.04 -2.75 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 37.09 -1.87 0.00 | 35.67 -2.32 0.00 | 34.47 -2.40 0.00 | 34.02 -2.72 0.00 | 34.16 -2.65 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.78 -6.65 0.00 | 52.27 -7.13 0.00 | 44.70 -6.45 0.04 | 42.97 -6.36 0.00 | 39.86 -5.08 0.00 | 36.71 -4.40 0.00 | 36.20 -3.84 0.00 |
| LONG_LAKE_PHOENIX 24014 | 38.70 -0.16 0.00 | 36.34 -0.18 0.00 | 35.84 -0.11 0.00 | 36.08 -0.11 0.00 | 37.24 -0.04 0.00 | 41.97 0.13 0.00 | 53.05 0.26 0.00 | 58.30 0.23 0.00 | 47.80 0.47 0.00 | 41.15 0.16 0.00 | 39.19 0.23 0.00 | 38.14 0.15 0.00 | 37.01 0.15 0.00 | 36.81 0.07 0.00 | 36.92 0.11 0.00 | 39.09 0.08 0.00 | 44.80 0.00 0.00 | 55.26 -0.17 0.00 | 59.28 -0.12 0.00 | 51.05 -0.15 0.00 | 48.93 -0.39 0.00 | 44.71 -0.22 0.00 | 40.82 -0.29 0.00 | 39.84 -0.20 0.00 |
| LOVETT___3 23632 | 40.56 1.71 0.00 | 37.98 1.46 0.00 | 37.39 1.44 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.14 1.30 0.00 | 54.42 1.64 0.00 | 59.99 1.92 0.00 | 48.98 1.66 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.26 1.40 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.68 1.88 0.00 | 57.54 2.11 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.75 2.42 0.00 | 47.09 2.16 0.00 | 43.16 2.06 0.00 | 41.88 1.84 0.00 |
| LOVETT___4 23642 | 40.56 1.71 0.00 | 37.98 1.46 0.00 | 37.39 1.44 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.14 1.30 0.00 | 54.42 1.64 0.00 | 59.99 1.92 0.00 | 48.98 1.66 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.26 1.40 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.68 1.88 0.00 | 57.54 2.11 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.75 2.42 0.00 | 47.09 2.16 0.00 | 43.16 2.06 0.00 | 41.88 1.84 0.00 |
| LOVETT___5 23593 | 40.56 1.71 0.00 | 37.98 1.46 0.00 | 37.39 1.44 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.14 1.30 0.00 | 54.42 1.64 0.00 | 59.99 1.92 0.00 | 48.98 1.66 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.26 1.40 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.68 1.88 0.00 | 57.54 2.11 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.75 2.42 0.00 | 47.09 2.16 0.00 | 43.16 2.06 0.00 | 41.88 1.84 0.00 |
| LOWER RAQUET___HYD 24057 | 39.32 0.47 0.00 | 36.96 0.44 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.43 0.59 0.00 | 53.31 0.53 0.00 | 58.59 0.52 0.00 | 47.47 0.14 0.00 | 41.27 0.29 0.00 | 39.50 0.55 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.58 0.77 0.00 | 40.10 1.09 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.47 1.07 0.00 | 51.51 0.31 0.00 | 49.82 0.49 0.00 | 45.56 0.63 0.00 | 41.76 0.66 0.00 | 40.84 0.80 0.00 |
| LOWER___HUDSON 24059 | 40.64 1.79 0.00 | 38.16 1.64 0.00 | 37.50 1.54 0.00 | 37.75 1.56 0.00 | 38.88 1.60 0.00 | 43.34 1.50 0.00 | 54.68 1.90 0.00 | 60.05 1.98 0.00 | 48.89 1.56 0.00 | 42.42 1.43 0.00 | 40.20 1.25 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.91 1.10 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.37 1.94 0.00 | 61.48 2.08 0.00 | 53.30 2.10 0.00 | 51.60 2.27 0.00 | 46.91 1.97 0.00 | 43.12 2.01 0.00 | 42.00 1.96 0.00 |
| LOWVILLE_115KV_TB2 356335 | 39.28 0.43 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.59 0.40 0.00 | 37.72 0.45 0.00 | 42.55 0.71 0.00 | 53.84 1.06 0.00 | 59.70 1.63 0.00 | 48.41 1.09 0.00 | 42.25 1.27 0.00 | 40.05 1.09 0.00 | 39.05 1.06 0.00 | 37.93 1.07 0.00 | 37.84 1.10 0.00 | 37.91 1.10 0.00 | 40.38 1.37 0.00 | 46.46 1.66 0.00 | 57.81 2.38 0.00 | 61.24 1.84 0.00 | 52.17 0.97 0.00 | 50.07 0.74 0.00 | 45.61 0.67 0.00 | 41.68 0.58 0.00 | 40.60 0.56 0.00 |
| LUTHERFT_115KV_GLOB_FND_222 355753 | 41.42 2.56 0.00 | 38.89 2.37 0.00 | 38.22 2.26 0.00 | 38.51 2.32 0.00 | 39.70 2.42 0.00 | 44.56 2.72 0.00 | 56.32 3.54 0.00 | 61.79 3.72 0.00 | 50.17 2.84 0.00 | 43.28 2.30 0.00 | 41.02 2.06 0.00 | 39.93 1.94 0.00 | 38.60 1.73 0.00 | 38.50 1.76 0.00 | 38.58 1.77 0.00 | 41.16 2.15 0.00 | 46.95 2.15 0.00 | 58.26 2.83 0.00 | 62.55 3.15 0.00 | 54.07 2.87 0.00 | 52.39 3.06 0.00 | 47.63 2.70 0.00 | 43.53 2.43 0.00 | 42.36 2.32 0.00 |

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| LUTHERNY_35_KV_BK2 355980 | 41.46 2.60 0.00 | 38.89 2.37 0.00 | 38.22 2.26 0.00 | 38.51 2.32 0.00 | 39.74 2.46 0.00 | 44.60 2.76 0.00 | 56.37 3.59 0.00 | 61.79 3.72 0.00 | 50.21 2.89 0.00 | 43.28 2.30 0.00 | 41.06 2.10 0.00 | 39.93 1.94 0.00 | 38.60 1.73 0.00 | 38.53 1.80 0.00 | 38.61 1.80 0.00 | 41.20 2.18 0.00 | 47.00 2.20 0.00 | 58.31 2.88 0.00 | 62.61 3.21 0.00 | 54.07 2.87 0.00 | 52.44 3.11 0.00 | 47.68 2.74 0.00 | 43.53 2.43 0.00 | 42.40 2.36 0.00 |
| LWR___OSWEGATCHIE_HYD 23850 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.61 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.06 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.47 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| LYONS_FALL_HYD 23570 | 39.47 0.62 0.00 | 37.03 0.51 0.00 | 36.46 0.50 0.00 | 36.77 0.58 0.00 | 37.91 0.63 0.00 | 42.72 0.88 0.00 | 54.05 1.26 0.00 | 59.76 1.69 0.00 | 48.51 1.18 0.00 | 42.17 1.19 0.00 | 39.97 1.01 0.00 | 39.01 1.03 0.00 | 37.89 1.03 0.00 | 37.76 1.03 0.00 | 37.84 1.03 0.00 | 40.22 1.21 0.00 | 46.23 1.43 0.00 | 57.54 2.11 0.00 | 61.25 1.84 0.00 | 52.32 1.12 0.00 | 50.26 0.93 0.00 | 45.74 0.81 0.00 | 41.85 0.74 0.00 | 40.72 0.68 0.00 |
| MADISON___COUNTY_LFGE 323628 | 39.78 0.93 0.00 | 37.32 0.80 0.00 | 36.82 0.86 0.00 | 37.10 0.90 0.00 | 38.28 1.01 0.00 | 43.14 1.30 0.00 | 54.58 1.79 0.00 | 60.10 2.03 0.00 | 48.84 1.51 0.00 | 42.21 1.23 0.00 | 40.05 1.09 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.69 0.96 0.00 | 37.77 0.96 0.00 | 40.07 1.05 0.00 | 45.97 1.16 0.00 | 57.09 1.66 0.00 | 61.12 1.72 0.00 | 52.48 1.28 0.00 | 50.46 1.13 0.00 | 45.92 0.99 0.00 | 41.97 0.86 0.00 | 40.88 0.84 0.00 |
| MALONE___115KV_TB1 356076 | 39.28 0.43 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.55 0.36 0.00 | 37.69 0.41 0.00 | 42.55 0.71 0.00 | 53.73 0.95 0.00 | 59.41 1.34 0.00 | 48.18 0.85 0.00 | 41.76 0.78 0.00 | 39.81 0.86 0.00 | 38.90 0.91 0.00 | 37.78 0.92 0.00 | 37.69 0.96 0.00 | 37.88 1.07 0.00 | 40.53 1.52 0.00 | 46.73 1.93 0.00 | 58.20 2.77 0.00 | 62.19 2.79 0.00 | 52.84 1.64 0.00 | 50.91 1.58 0.00 | 46.37 1.44 0.00 | 42.09 0.99 0.00 | 41.08 1.04 0.00 |
| MAPLEWOD_115KV_TB3 80458 | 40.25 1.40 0.00 | 37.83 1.31 0.00 | 37.17 1.22 0.00 | 37.42 1.23 0.00 | 38.51 1.23 0.00 | 43.10 1.26 0.00 | 54.31 1.53 0.00 | 59.64 1.57 0.00 | 48.60 1.28 0.00 | 42.13 1.15 0.00 | 40.08 1.13 0.00 | 39.09 1.10 0.00 | 37.90 1.03 0.00 | 37.80 1.07 0.00 | 37.80 0.99 0.00 | 40.03 1.01 0.00 | 45.88 1.08 0.00 | 56.82 1.39 0.00 | 60.89 1.49 0.00 | 52.74 1.54 0.00 | 51.06 1.73 0.00 | 46.37 1.44 0.00 | 42.63 1.52 0.00 | 41.44 1.40 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 38.03 -0.82 0.00 | 35.75 -0.77 0.00 | 35.20 -0.76 0.00 | 35.43 -0.76 0.00 | 36.57 -0.71 0.00 | 41.21 -0.63 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.14 -0.19 0.00 | 40.94 -0.04 0.00 | 38.95 0.00 0.00 | 37.99 0.00 0.00 | 36.86 0.00 0.00 | 36.73 0.00 0.00 | 36.85 0.04 0.00 | 39.13 0.12 0.00 | 44.94 0.13 0.00 | 55.60 0.17 0.00 | 59.28 -0.12 0.00 | 50.69 -0.51 0.00 | 48.59 -0.74 0.00 | 44.08 -0.86 0.00 | 40.24 -0.87 0.00 | 39.16 -0.88 0.00 |
| MAPLE_RIDGE_WT_2 323611 | 38.03 -0.82 0.00 | 35.75 -0.77 0.00 | 35.20 -0.76 0.00 | 35.43 -0.76 0.00 | 36.57 -0.71 0.00 | 41.21 -0.63 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.14 -0.19 0.00 | 40.94 -0.04 0.00 | 38.95 0.00 0.00 | 37.99 0.00 0.00 | 36.86 0.00 0.00 | 36.73 0.00 0.00 | 36.85 0.04 0.00 | 39.13 0.12 0.00 | 44.94 0.13 0.00 | 55.60 0.17 0.00 | 59.28 -0.12 0.00 | 50.69 -0.51 0.00 | 48.59 -0.74 0.00 | 44.08 -0.86 0.00 | 40.24 -0.87 0.00 | 39.16 -0.88 0.00 |
| MARBLE_RIVER_WT_PWR 323696 | 37.96 -0.89 0.00 | 35.64 -0.88 0.00 | 34.98 -0.97 0.00 | 34.89 -1.30 0.00 | 35.86 -1.42 0.00 | 40.50 -1.34 0.00 | 50.72 -2.06 0.00 | 56.44 -1.63 0.00 | 46.14 -1.18 0.00 | 40.25 -0.74 0.00 | 38.41 -0.55 0.00 | 37.61 -0.38 0.00 | 36.68 -0.18 0.00 | 36.81 0.07 0.00 | 37.25 0.44 0.00 | 40.10 1.09 0.00 | 46.64 1.84 0.00 | 58.31 2.88 0.00 | 62.37 2.97 0.00 | 52.89 1.69 0.00 | 50.56 1.23 0.00 | 45.61 0.68 0.00 | 40.94 -0.16 0.00 | 40.12 0.08 0.00 |
| MARSHVLE_115KV_TB1 80742 | 41.88 3.03 0.00 | 39.29 2.78 0.00 | 38.65 2.70 0.00 | 38.98 2.79 0.00 | 40.29 3.02 0.00 | 45.40 3.56 0.00 | 57.38 4.59 0.00 | 62.89 4.82 0.00 | 50.69 3.36 0.00 | 43.32 2.34 0.00 | 40.90 1.95 0.00 | 39.58 1.60 0.00 | 38.41 1.55 0.00 | 38.53 1.80 0.00 | 38.72 1.91 0.00 | 41.43 2.42 0.00 | 48.16 3.36 0.00 | 59.98 4.55 0.00 | 64.57 5.17 0.00 | 55.55 4.35 0.00 | 53.72 4.39 0.00 | 48.89 3.95 0.00 | 44.52 3.41 0.00 | 43.32 3.28 0.00 |
| MARSH_HILL_WT_PWR 323713 | 37.61 -1.24 0.00 | 35.39 -1.13 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 36.08 -1.19 0.00 | 41.25 -0.59 0.00 | 51.83 -0.95 0.00 | 56.79 -1.28 0.00 | 46.66 -0.66 0.00 | 39.96 -1.02 0.00 | 38.57 -0.39 0.00 | 37.49 -0.49 0.00 | 36.35 -0.52 0.00 | 36.11 -0.62 0.00 | 36.37 -0.44 0.00 | 38.27 -0.74 0.00 | 43.50 -1.30 0.00 | 53.32 -2.11 0.00 | 56.91 -2.49 0.00 | 48.83 -2.56 0.00 | 45.68 -3.65 0.00 | 41.70 -3.24 0.00 | 37.86 -3.25 0.00 | 37.12 -2.92 0.00 |
| MCINTYRE_115KV_TB2 80467 | 40.06 1.20 0.00 | 37.65 1.13 0.00 | 37.14 1.19 0.00 | 37.35 1.16 0.00 | 38.51 1.23 0.00 | 43.39 1.55 0.00 | 54.68 1.90 0.00 | 60.16 2.09 0.00 | 48.60 1.28 0.00 | 42.09 1.11 0.00 | 40.08 1.13 0.00 | 39.17 1.18 0.00 | 38.04 1.18 0.00 | 37.91 1.18 0.00 | 38.06 1.25 0.00 | 40.69 1.68 0.00 | 46.82 2.02 0.00 | 58.26 2.83 0.00 | 62.08 2.67 0.00 | 52.84 1.64 0.00 | 51.01 1.68 0.00 | 46.60 1.66 0.00 | 42.59 1.48 0.00 | 41.56 1.52 0.00 |
| MECO_____69_KV_BK1 80468 | 42.12 3.26 0.00 | 39.51 2.99 0.00 | 38.86 2.91 0.00 | 39.20 3.00 0.00 | 40.52 3.24 0.00 | 45.65 3.81 0.00 | 57.85 5.07 0.00 | 63.35 5.28 0.00 | 51.11 3.79 0.00 | 43.69 2.70 0.00 | 41.29 2.34 0.00 | 40.08 2.09 0.00 | 38.74 1.88 0.00 | 38.79 2.06 0.00 | 38.98 2.17 0.00 | 41.78 2.77 0.00 | 48.47 3.67 0.00 | 60.36 4.93 0.00 | 64.99 5.58 0.00 | 55.96 4.76 0.00 | 54.21 4.88 0.00 | 49.20 4.27 0.00 | 44.77 3.66 0.00 | 43.56 3.52 0.00 |
| MENANDS___115KV_TB5 355628 | 40.06 1.20 0.00 | 37.65 1.13 0.00 | 37.03 1.08 0.00 | 37.28 1.09 0.00 | 38.32 1.04 0.00 | 42.84 1.00 0.00 | 54.00 1.21 0.00 | 59.35 1.28 0.00 | 48.37 1.04 0.00 | 41.93 0.94 0.00 | 39.93 0.97 0.00 | 38.90 0.91 0.00 | 37.75 0.88 0.00 | 37.65 0.92 0.00 | 37.66 0.85 0.00 | 39.79 0.78 0.00 | 45.56 0.76 0.00 | 56.43 1.00 0.00 | 60.47 1.07 0.00 | 52.38 1.18 0.00 | 50.71 1.38 0.00 | 46.06 1.12 0.00 | 42.38 1.27 0.00 | 41.20 1.16 0.00 |
| MG INDUSTRY___DRP 24185 | 40.02 1.17 0.00 | 37.61 1.10 0.00 | 36.99 1.04 0.00 | 37.28 1.09 0.00 | 38.36 1.08 0.00 | 42.89 1.05 0.00 | 54.10 1.32 0.00 | 59.35 1.28 0.00 | 48.27 0.95 0.00 | 41.76 0.78 0.00 | 39.66 0.70 0.00 | 38.67 0.68 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.47 0.66 0.00 | 39.64 0.62 0.00 | 45.56 0.76 0.00 | 56.43 1.00 0.00 | 60.59 1.19 0.00 | 52.38 1.18 0.00 | 50.66 1.33 0.00 | 46.06 1.12 0.00 | 42.30 1.19 0.00 | 41.16 1.12 0.00 |

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| MID___OSWEGATCHIE_HYD 23849 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.61 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.06 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.47 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| MID___RAQUETTE_HYD 23851 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.43 0.59 0.00 | 53.31 0.53 0.00 | 58.59 0.52 0.00 | 47.47 0.14 0.00 | 41.27 0.29 0.00 | 39.50 0.55 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.58 0.77 0.00 | 40.11 1.09 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.47 1.07 0.00 | 51.51 0.31 0.00 | 49.82 0.49 0.00 | 45.56 0.63 0.00 | 41.77 0.66 0.00 | 40.84 0.80 0.00 |
| MILLIKEN___1 23584 | 39.28 0.43 0.00 | 36.88 0.37 0.00 | 36.35 0.40 0.00 | 36.63 0.43 0.00 | 37.80 0.52 0.00 | 42.63 0.79 0.00 | 53.94 1.16 0.00 | 59.23 1.16 0.00 | 48.23 0.90 0.00 | 41.48 0.49 0.00 | 39.42 0.47 0.00 | 38.37 0.38 0.00 | 37.19 0.33 0.00 | 36.95 0.22 0.00 | 37.10 0.29 0.00 | 39.32 0.31 0.00 | 45.16 0.36 0.00 | 55.98 0.55 0.00 | 60.11 0.71 0.00 | 51.78 0.56 -0.01 | 49.63 0.30 0.00 | 45.29 0.36 0.00 | 41.31 0.21 0.00 | 40.32 0.28 0.00 |
| MILLIKEN___2 23585 | 39.28 0.43 0.00 | 36.88 0.37 0.00 | 36.35 0.40 0.00 | 36.63 0.43 0.00 | 37.80 0.52 0.00 | 42.63 0.79 0.00 | 53.94 1.16 0.00 | 59.23 1.16 0.00 | 48.23 0.90 0.00 | 41.48 0.49 0.00 | 39.42 0.47 0.00 | 38.37 0.38 0.00 | 37.19 0.33 0.00 | 36.95 0.22 0.00 | 37.10 0.29 0.00 | 39.32 0.31 0.00 | 45.16 0.36 0.00 | 55.98 0.55 0.00 | 60.11 0.71 0.00 | 51.78 0.56 -0.01 | 49.63 0.30 0.00 | 45.29 0.36 0.00 | 41.31 0.21 0.00 | 40.32 0.28 0.00 |
| MILLIKEN___DIESEL 23629 | 39.28 0.43 0.00 | 36.88 0.37 0.00 | 36.35 0.40 0.00 | 36.63 0.43 0.00 | 37.80 0.52 0.00 | 42.63 0.79 0.00 | 53.94 1.16 0.00 | 59.23 1.16 0.00 | 48.23 0.90 0.00 | 41.48 0.49 0.00 | 39.42 0.47 0.00 | 38.37 0.38 0.00 | 37.19 0.33 0.00 | 36.95 0.22 0.00 | 37.10 0.29 0.00 | 39.32 0.31 0.00 | 45.16 0.36 0.00 | 55.98 0.55 0.00 | 60.11 0.71 0.00 | 51.78 0.56 -0.01 | 49.63 0.30 0.00 | 45.29 0.36 0.00 | 41.31 0.21 0.00 | 40.32 0.28 0.00 |
| MILLSEAT___LFGE 323607 | 36.91 -1.94 0.00 | 34.88 -1.64 0.00 | 34.44 -1.51 0.00 | 34.82 -1.38 0.00 | 36.05 -1.23 0.00 | 41.29 -0.55 0.00 | 51.36 -1.42 0.00 | 56.04 -2.03 0.00 | 45.77 -1.56 0.00 | 39.06 -1.93 0.00 | 37.82 -1.13 0.00 | 36.43 -1.56 0.00 | 35.21 -1.66 0.00 | 34.71 -2.02 0.00 | 34.89 -1.92 0.00 | 36.40 -2.61 0.00 | 41.26 -3.54 0.00 | 50.39 -5.04 0.00 | 54.06 -5.35 0.00 | 46.15 -5.02 0.03 | 44.30 -5.03 0.00 | 41.03 -3.91 0.00 | 37.74 -3.37 0.00 | 37.12 -2.92 0.00 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 40.68 1.83 0.00 | 38.09 1.57 0.00 | 37.50 1.55 0.00 | 37.71 1.52 0.00 | 38.80 1.53 0.00 | 43.26 1.42 0.00 | 54.68 1.90 0.00 | 60.22 2.15 0.00 | 49.17 1.85 0.00 | 42.79 1.80 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.69 1.68 0.00 | 46.86 2.06 0.00 | 57.81 2.38 0.00 | 62.02 2.61 0.00 | 53.91 2.71 0.00 | 51.94 2.61 0.00 | 47.32 2.38 0.00 | 43.33 2.22 0.00 | 42.00 1.96 0.00 |
| MILLWOOD_13_KV_LOAD 356217 | 40.72 1.86 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.84 1.57 0.00 | 43.35 1.51 0.00 | 54.79 2.01 0.00 | 60.39 2.32 0.00 | 49.27 1.94 0.00 | 42.83 1.84 0.00 | 40.59 1.64 0.00 | 39.62 1.63 0.00 | 38.37 1.51 0.00 | 38.28 1.54 0.00 | 38.43 1.62 0.00 | 40.73 1.72 0.00 | 46.95 2.15 0.00 | 57.92 2.49 0.00 | 62.13 2.73 0.00 | 54.02 2.82 0.00 | 52.04 2.71 0.00 | 47.41 2.47 0.00 | 43.41 2.30 0.00 | 42.08 2.04 0.00 |
| MODEL_CITY_ENERGY 24167 | 35.67 -3.19 0.00 | 33.82 -2.70 0.00 | 33.33 -2.62 0.00 | 33.66 -2.53 0.00 | 34.85 -2.42 0.00 | 39.92 -1.92 0.00 | 49.40 -3.38 0.00 | 53.77 -4.30 0.00 | 44.11 -3.22 0.00 | 37.74 -3.24 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.06 -2.80 0.00 | 33.57 -3.16 0.00 | 33.75 -3.05 0.00 | 35.03 -3.98 0.00 | 39.60 -5.20 0.00 | 48.11 -7.32 0.00 | 51.56 -7.84 0.00 | 44.09 -7.07 0.04 | 42.42 -6.91 0.00 | 39.36 -5.57 0.00 | 36.30 -4.81 0.00 | 35.79 -4.25 0.00 |
| MODERN_LFGE___ 323580 | 35.67 -3.19 0.00 | 33.82 -2.70 0.00 | 33.33 -2.62 0.00 | 33.66 -2.53 0.00 | 34.85 -2.42 0.00 | 39.92 -1.92 0.00 | 49.40 -3.38 0.00 | 53.77 -4.30 0.00 | 44.11 -3.22 0.00 | 37.74 -3.24 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.06 -2.80 0.00 | 33.57 -3.16 0.00 | 33.75 -3.05 0.00 | 35.03 -3.98 0.00 | 39.60 -5.20 0.00 | 48.11 -7.32 0.00 | 51.56 -7.84 0.00 | 44.09 -7.07 0.04 | 42.42 -6.91 0.00 | 39.36 -5.57 0.00 | 36.30 -4.81 0.00 | 35.79 -4.25 0.00 |
| MOHAWK_PAPER___DRP 24187 | 40.25 1.40 0.00 | 37.83 1.31 0.00 | 37.17 1.22 0.00 | 37.42 1.23 0.00 | 38.51 1.23 0.00 | 43.10 1.26 0.00 | 54.31 1.53 0.00 | 59.64 1.57 0.00 | 48.60 1.28 0.00 | 42.13 1.15 0.00 | 40.08 1.13 0.00 | 39.09 1.10 0.00 | 37.90 1.03 0.00 | 37.80 1.07 0.00 | 37.80 0.99 0.00 | 40.03 1.01 0.00 | 45.88 1.08 0.00 | 56.82 1.39 0.00 | 60.89 1.49 0.00 | 52.74 1.54 0.00 | 51.06 1.73 0.00 | 46.37 1.44 0.00 | 42.63 1.52 0.00 | 41.44 1.40 0.00 |
| MOHICAN___35_KV_115KV_LD 80490 | 42.23 3.38 0.00 | 39.62 3.10 0.00 | 38.94 2.98 0.00 | 39.23 3.04 0.00 | 40.56 3.28 0.00 | 45.56 3.72 0.00 | 57.75 4.96 0.00 | 63.24 5.17 0.00 | 51.30 3.98 0.00 | 44.06 3.07 0.00 | 41.68 2.73 0.00 | 40.50 2.51 0.00 | 39.07 2.21 0.00 | 39.01 2.28 0.00 | 39.13 2.32 0.00 | 41.90 2.89 0.00 | 47.26 2.46 0.00 | 58.64 3.21 0.00 | 63.09 3.68 0.00 | 54.43 3.23 0.00 | 52.83 3.50 0.00 | 48.08 3.15 0.00 | 43.82 2.71 0.00 | 42.68 2.64 0.00 |
| MONGAUP___HYD 23641 | 40.72 1.86 0.00 | 38.20 1.68 0.00 | 37.57 1.62 0.00 | 37.78 1.59 0.00 | 38.91 1.64 0.00 | 43.52 1.68 0.00 | 55.21 2.43 0.00 | 60.69 2.62 0.00 | 49.27 1.94 0.00 | 42.58 1.60 0.00 | 40.12 1.17 0.00 | 39.17 1.18 0.00 | 37.97 1.10 0.00 | 37.87 1.14 0.00 | 38.06 1.25 0.00 | 40.49 1.48 0.00 | 46.82 2.02 0.00 | 58.09 2.66 0.00 | 62.43 3.03 0.00 | 54.12 2.92 0.00 | 52.14 2.81 0.00 | 47.27 2.34 0.00 | 43.20 2.10 0.00 | 41.96 1.92 0.00 |
| MONTAUK___DIESEL 23721 | 49.32 2.68 -7.79 | 44.33 2.45 -5.36 | 39.32 2.66 -0.71 | 38.98 2.79 0.00 | 40.11 2.83 0.00 | 47.35 2.55 -2.95 | 58.11 3.17 -2.16 | 61.32 3.25 0.00 | 49.22 1.89 0.00 | 42.70 1.72 0.00 | 39.58 0.62 0.00 | 38.82 0.84 0.00 | 37.31 0.44 0.00 | 37.21 0.48 0.00 | 37.18 0.37 0.00 | 39.83 0.82 0.00 | 42.53 1.08 3.35 | 45.60 0.89 10.71 | 48.12 1.78 13.06 | 42.73 2.41 10.87 | 45.74 2.66 6.26 | 41.39 2.83 6.37 | 38.90 2.59 4.80 | 36.01 2.28 6.31 |
| MOONROAD_115KV_HARTFLD_TB1-2 355988 | 37.07 -1.79 0.00 | 34.88 -1.64 0.00 | 34.33 -1.62 0.00 | 34.85 -1.34 0.00 | 36.31 -0.97 0.00 | 41.59 -0.25 0.00 | 52.73 -0.05 0.00 | 57.84 -0.23 0.00 | 47.61 0.28 0.00 | 40.74 -0.25 0.00 | 38.60 -0.35 0.00 | 37.49 -0.49 0.00 | 36.20 -0.66 0.00 | 35.60 -1.14 0.00 | 35.19 -1.62 0.00 | 36.52 -2.50 0.00 | 41.13 -3.67 0.00 | 49.94 -5.49 0.00 | 53.11 -6.30 0.00 | 45.58 -5.58 0.04 | 43.51 -5.82 0.00 | 40.26 -4.67 0.00 | 37.08 -4.03 0.00 | 36.80 -3.24 0.00 |

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| MORRIS_RIDGE___SOLAR 323848 | 37.22 -1.63 0.00 | 35.09 -1.42 0.00 | 34.48 -1.48 0.00 | 34.78 -1.41 0.00 | 36.12 -1.16 0.00 | 41.29 -0.55 0.00 | 51.73 -1.06 0.00 | 56.56 -1.51 0.00 | 46.28 -1.04 0.00 | 39.59 -1.39 0.00 | 38.02 -0.94 0.00 | 36.81 -1.18 0.00 | 35.61 -1.25 0.00 | 35.30 -1.43 0.00 | 35.52 -1.29 0.00 | 37.26 -1.75 0.00 | 42.25 -2.55 0.00 | 51.61 -3.82 0.00 | 55.19 -4.22 0.00 | 47.04 -3.89 0.27 | 44.89 -4.44 0.00 | 41.34 -3.60 0.00 | 37.90 -3.21 0.00 | 37.20 -2.84 0.00 |
| MORTIMER_115KV_TB3 55949 | 37.18 -1.67 0.00 | 35.02 -1.50 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.12 -1.16 0.00 | 40.79 -1.05 0.00 | 51.25 -1.53 0.00 | 56.15 -1.92 0.00 | 45.76 -1.56 0.00 | 39.30 -1.68 0.00 | 37.40 -1.56 0.00 | 36.47 -1.52 0.00 | 35.43 -1.44 0.00 | 35.04 -1.69 0.00 | 35.15 -1.66 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.72 -3.71 0.00 | 55.54 -3.86 0.00 | 47.46 -3.74 0.00 | 45.73 -3.60 0.00 | 42.01 -2.92 0.00 | 38.39 -2.71 0.00 | 37.80 -2.24 0.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 40.91 2.06 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.71 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.46 2.13 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.89 1.90 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.20 2.77 0.00 | 62.43 3.03 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.63 2.70 0.00 | 43.62 2.51 0.00 | 42.28 2.24 0.00 |
| MUNSVILLE_WIND_PWR 323609 | 41.77 2.92 0.00 | 39.07 2.56 0.00 | 38.43 2.48 0.00 | 38.76 2.57 0.00 | 39.92 2.65 0.00 | 45.36 3.52 0.00 | 57.43 4.65 0.00 | 63.00 4.93 0.00 | 51.02 3.69 0.00 | 44.02 3.03 0.00 | 41.76 2.81 0.00 | 40.53 2.55 0.00 | 39.30 2.43 0.00 | 39.09 2.35 0.00 | 39.24 2.43 0.00 | 41.98 2.96 0.00 | 48.43 3.63 0.00 | 60.92 5.49 0.00 | 65.52 6.12 0.00 | 55.87 4.66 -0.01 | 53.42 4.09 0.00 | 48.57 3.64 0.00 | 44.07 2.96 0.00 | 42.72 2.68 0.00 |
| N SALMON___HYD 24042 | 39.28 0.43 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.55 0.36 0.00 | 37.69 0.41 0.00 | 42.55 0.71 0.00 | 53.73 0.95 0.00 | 59.41 1.34 0.00 | 48.18 0.85 0.00 | 41.76 0.78 0.00 | 39.81 0.86 0.00 | 38.90 0.91 0.00 | 37.79 0.92 0.00 | 37.69 0.95 0.00 | 37.88 1.07 0.00 | 40.53 1.52 0.00 | 46.73 1.93 0.00 | 58.20 2.77 0.00 | 62.19 2.79 0.00 | 52.84 1.64 0.00 | 50.86 1.53 0.00 | 46.37 1.44 0.00 | 42.09 0.98 0.00 | 41.08 1.04 0.00 |
| N.AKRON__115KV_KNAPP 355671 | 36.83 -2.02 0.00 | 34.69 -1.83 0.00 | 34.37 -1.58 0.00 | 34.74 -1.45 0.00 | 36.01 -1.27 0.00 | 40.84 -1.00 0.00 | 51.15 -1.64 0.00 | 55.86 -2.21 0.00 | 45.62 -1.70 0.00 | 39.02 -1.97 0.00 | 37.08 -1.87 0.00 | 36.13 -1.86 0.00 | 35.13 -1.73 0.00 | 34.68 -2.06 0.00 | 34.75 -2.06 0.00 | 36.32 -2.69 0.00 | 41.13 -3.67 0.00 | 50.22 -5.21 0.00 | 53.88 -5.52 0.00 | 45.99 -5.17 0.04 | 44.25 -5.08 0.00 | 40.85 -4.09 0.00 | 37.37 -3.74 0.00 | 37.12 -2.92 0.00 |
| N.BELMOR_69_KV_BK1 55787 | 49.40 2.76 -7.79 | 44.33 2.45 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.59 2.31 0.00 | 47.18 2.38 -2.95 | 58.11 3.17 -2.16 | 61.38 3.31 0.00 | 49.98 2.65 0.00 | 43.40 2.42 0.00 | 41.10 2.14 0.00 | 40.12 2.13 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.87 2.06 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.76 3.33 0.00 | 63.20 3.80 0.00 | 54.99 3.79 0.00 | 53.03 3.70 0.00 | 50.15 3.50 -1.71 | 48.82 3.25 -4.47 | 47.45 2.96 -4.45 |
| N.E_GEN_SANDY PD 24062 | 40.56 1.71 0.00 | 38.05 1.53 0.00 | 37.35 1.40 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.18 1.34 0.00 | 54.47 1.69 0.00 | 59.87 1.80 0.00 | 48.84 1.51 0.00 | 42.50 1.52 0.00 | 40.28 1.33 0.00 | 39.32 1.33 0.00 | 38.19 1.33 0.00 | 38.13 1.40 0.00 | 38.02 1.21 0.00 | 40.34 1.33 0.00 | 46.32 1.52 0.00 | 57.32 1.89 0.00 | 61.36 1.96 0.00 | 53.35 2.15 0.00 | 51.60 2.27 0.00 | 46.91 1.97 0.00 | 43.04 1.93 0.00 | 41.84 1.80 0.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 40.60 1.75 0.00 | 38.02 1.50 0.00 | 37.43 1.47 0.00 | 37.64 1.45 0.00 | 38.73 1.45 0.00 | 43.18 1.34 0.00 | 54.53 1.74 0.00 | 60.04 1.97 0.00 | 49.03 1.70 0.00 | 42.70 1.72 0.00 | 40.47 1.52 0.00 | 39.51 1.52 0.00 | 38.26 1.40 0.00 | 38.20 1.47 0.00 | 38.32 1.51 0.00 | 40.61 1.60 0.00 | 46.73 1.93 0.00 | 57.65 2.22 0.00 | 61.84 2.44 0.00 | 53.76 2.56 0.00 | 51.80 2.47 0.00 | 47.18 2.25 0.00 | 43.25 2.14 0.00 | 41.92 1.88 0.00 |
| N.QUEENS_27_KV_LOAD 356247 | 41.00 2.14 -0.01 | 38.35 1.83 -0.01 | 37.76 1.80 -0.01 | 38.01 1.81 -0.01 | 39.03 1.75 -0.01 | 43.72 1.88 0.00 | 55.32 2.53 0.00 | 60.45 2.38 0.00 | 49.36 2.04 0.00 | 43.07 2.09 0.00 | 40.86 1.91 0.00 | 40.00 2.01 0.00 | 38.86 1.99 -0.01 | 38.76 2.02 -0.01 | 38.84 2.02 -0.01 | 41.04 2.03 0.00 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.25 2.85 0.00 | 54.32 3.12 0.00 | 52.44 3.11 0.00 | 47.86 2.92 0.00 | 43.71 2.59 -0.01 | 42.37 2.32 -0.01 |
| N.TROY___115KV_TB1 355778 | 40.64 1.79 0.00 | 38.20 1.68 0.00 | 37.50 1.55 0.00 | 37.75 1.56 0.00 | 38.88 1.60 0.00 | 43.56 1.72 0.00 | 54.89 2.11 0.00 | 60.28 2.21 0.00 | 49.08 1.75 0.00 | 42.54 1.56 0.00 | 40.44 1.48 0.00 | 39.39 1.41 0.00 | 38.15 1.29 0.00 | 38.06 1.32 0.00 | 38.06 1.25 0.00 | 40.42 1.40 0.00 | 46.32 1.52 0.00 | 57.37 1.94 0.00 | 61.48 2.08 0.00 | 53.30 2.10 0.00 | 51.60 2.27 0.00 | 46.91 1.98 0.00 | 43.00 1.89 0.00 | 41.84 1.80 0.00 |
| NARROWS_GT1_1 24228 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_2 24229 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_3 24230 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_4 24231 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |

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|---|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_5 24232 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_6 24233 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_7 24234 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT1_8 24235 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_1 24236 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_2 24237 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_3 24238 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_4 24239 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_5 24240 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_6 24241 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_7 24242 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NARROWS_GT2_8 24243 | 58.60 2.60 -17.14 | 55.26 2.27 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.29 2.13 -14.32 | 60.46 2.90 -4.77 | 61.99 3.19 -0.73 | 60.27 2.74 -10.20 | 59.37 2.63 -15.76 | 59.25 2.34 -17.96 | 59.23 2.39 -18.85 | 58.81 2.36 -19.58 | 58.80 2.39 -19.68 | 59.21 2.43 -19.97 | 59.19 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 136.96 3.50 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.28 3.24 -12.11 | 59.45 2.92 -15.42 | 59.27 2.76 -16.47 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 40.91 2.06 0.00 | 38.49 1.97 0.00 | 37.82 1.87 0.00 | 38.11 1.92 0.00 | 39.21 1.94 0.00 | 43.93 2.09 0.00 | 55.69 2.90 0.00 | 61.03 2.96 0.00 | 49.36 2.04 0.00 | 42.38 1.39 0.00 | 40.08 1.13 0.00 | 39.01 1.03 0.00 | 37.82 0.96 0.00 | 37.73 0.99 0.00 | 37.91 1.10 0.00 | 40.22 1.21 0.00 | 46.41 1.61 0.00 | 57.81 2.38 0.00 | 62.19 2.79 0.00 | 53.71 2.51 0.00 | 51.89 2.57 0.00 | 47.00 2.07 0.00 | 43.20 2.10 0.00 | 42.04 2.00 0.00 |
| NCHELSEA_115KV_TR2 355582 | 40.87 2.02 0.00 | 38.35 1.83 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.60 1.76 0.00 | 55.21 2.43 0.00 | 60.80 2.73 0.00 | 49.50 2.18 0.00 | 42.91 1.93 0.00 | 40.59 1.64 0.00 | 39.58 1.60 0.00 | 38.34 1.47 0.00 | 38.28 1.54 0.00 | 38.43 1.62 0.00 | 40.77 1.76 0.00 | 47.09 2.28 0.00 | 58.26 2.83 0.00 | 62.55 3.15 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.54 2.61 0.00 | 43.53 2.43 0.00 | 42.20 2.16 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 41.38 2.52 0.00 | 38.82 2.30 0.00 | 38.15 2.19 0.00 | 38.44 2.24 0.00 | 39.66 2.39 0.00 | 44.01 2.17 0.00 | 55.63 2.85 0.00 | 61.03 2.96 0.00 | 49.60 2.27 0.00 | 42.87 1.89 0.00 | 40.55 1.60 0.00 | 39.55 1.56 0.00 | 38.26 1.40 0.00 | 38.17 1.43 0.00 | 38.24 1.43 0.00 | 40.81 1.80 0.00 | 47.04 2.24 0.00 | 58.37 2.94 0.00 | 62.61 3.21 0.00 | 54.12 2.92 0.00 | 52.49 3.16 0.00 | 47.68 2.74 0.00 | 43.94 2.83 0.00 | 42.80 2.76 0.00 |

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|-------------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 36.87 -1.98 0.00 | 34.73 -1.79 0.00 | 34.26 -1.69 0.00 | 34.60 -1.59 0.00 | 35.75 -1.53 0.00 | 40.59 -1.25 0.00 | 50.89 -1.90 0.00 | 55.80 -2.27 0.00 | 45.43 -1.89 0.00 | 39.02 -1.97 0.00 | 37.47 -1.48 0.00 | 36.32 -1.67 0.00 | 35.17 -1.70 0.00 | 34.82 -1.91 0.00 | 34.97 -1.84 0.00 | 36.75 -2.26 0.00 | 41.93 -2.87 0.00 | 51.61 -3.82 0.00 | 55.42 -3.98 0.00 | 47.46 -3.74 0.00 | 45.63 -3.70 0.00 | 41.97 -2.97 0.00 | 38.39 -2.71 0.00 | 37.56 -2.48 0.00 |
| NEG CENTRAL___DRP 24199 | 38.46 -0.39 0.00 | 36.15 -0.37 0.00 | 35.63 -0.32 0.00 | 35.90 -0.29 0.00 | 37.09 -0.19 0.00 | 41.92 0.08 0.00 | 52.94 0.16 0.00 | 58.01 -0.06 0.00 | 47.37 0.05 0.00 | 40.70 -0.29 0.00 | 38.64 -0.31 0.00 | 37.65 -0.34 0.00 | 36.53 -0.33 0.00 | 36.26 -0.48 0.00 | 36.40 -0.40 0.00 | 38.51 -0.51 0.00 | 44.08 -0.72 0.00 | 54.43 -1.00 0.00 | 58.39 -1.01 0.00 | 50.40 -0.82 -0.02 | 48.20 -1.13 0.00 | 44.08 -0.85 0.00 | 40.20 -0.90 0.00 | 39.32 -0.72 0.00 |
| NEG CENTRAL___INDECK 23768 | 38.66 -0.19 0.00 | 36.37 -0.15 0.00 | 35.84 -0.11 0.00 | 36.23 0.04 0.00 | 37.50 0.23 0.00 | 42.89 1.05 0.00 | 53.89 1.11 0.00 | 59.06 0.99 0.00 | 47.99 0.66 0.00 | 40.90 -0.08 0.00 | 39.30 0.35 0.00 | 37.99 0.00 0.00 | 36.68 -0.18 0.00 | 36.33 -0.40 0.00 | 36.59 -0.22 0.00 | 38.55 -0.47 0.00 | 44.00 -0.81 0.00 | 54.32 -1.11 0.00 | 58.33 -1.07 0.00 | 49.96 -1.43 -0.19 | 47.40 -1.92 0.00 | 43.63 -1.30 0.00 | 39.79 -1.32 0.00 | 39.00 -1.04 0.00 |
| NEG CENTRAL___SENECA 23627 | 38.58 -0.27 0.00 | 36.23 -0.29 0.00 | 35.74 -0.22 0.00 | 36.05 -0.14 0.00 | 37.28 0.00 0.00 | 42.17 0.33 0.00 | 53.31 0.53 0.00 | 58.24 0.17 0.00 | 47.66 0.33 0.00 | 40.86 -0.12 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.64 -0.22 0.00 | 36.37 -0.37 0.00 | 36.51 -0.29 0.00 | 38.58 -0.43 0.00 | 44.13 -0.67 0.00 | 54.38 -1.05 0.00 | 58.33 -1.07 0.00 | 50.41 -0.82 -0.03 | 48.10 -1.23 0.00 | 44.04 -0.90 0.00 | 40.12 -0.99 0.00 | 39.32 -0.72 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 38.58 -0.27 0.00 | 36.26 -0.26 0.00 | 35.74 -0.22 0.00 | 36.01 -0.18 0.00 | 37.16 -0.11 0.00 | 41.92 0.08 0.00 | 52.99 0.21 0.00 | 58.24 0.17 0.00 | 47.47 0.14 0.00 | 40.82 -0.16 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.68 -0.18 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.70 -0.31 0.00 | 44.35 -0.45 0.00 | 54.93 -0.50 0.00 | 58.99 -0.42 0.00 | 50.80 -0.41 0.00 | 48.74 -0.59 0.00 | 44.49 -0.45 0.00 | 40.57 -0.53 0.00 | 39.60 -0.44 0.00 |
| NEG MILLWOOD___DRP 24198 | 41.03 2.18 0.00 | 38.45 1.94 0.00 | 37.82 1.87 0.00 | 38.07 1.88 0.00 | 39.21 1.94 0.00 | 43.76 1.92 0.00 | 55.37 2.59 0.00 | 61.09 3.02 0.00 | 49.74 2.41 0.00 | 43.03 2.05 0.00 | 40.71 1.75 0.00 | 39.74 1.75 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.58 1.77 0.00 | 40.92 1.91 0.00 | 47.35 2.55 0.00 | 58.48 3.05 0.00 | 62.79 3.39 0.00 | 54.58 3.38 0.00 | 52.54 3.21 0.00 | 47.77 2.83 0.00 | 43.78 2.67 0.00 | 42.36 2.32 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 38.70 -0.16 0.00 | 36.37 -0.15 0.00 | 35.74 -0.22 0.00 | 35.72 -0.47 0.00 | 36.72 -0.56 0.00 | 41.55 -0.29 0.00 | 51.83 -0.95 0.00 | 57.55 -0.52 0.00 | 46.95 -0.38 0.00 | 40.82 -0.16 0.00 | 38.95 0.00 0.00 | 38.06 0.08 0.00 | 37.08 0.22 0.00 | 37.14 0.40 0.00 | 37.47 0.66 0.00 | 40.26 1.25 0.00 | 46.68 1.88 0.00 | 58.26 2.83 0.00 | 62.37 2.97 0.00 | 52.94 1.74 0.00 | 50.76 1.43 0.00 | 45.97 1.03 0.00 | 41.44 0.33 0.00 | 40.76 0.72 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 38.66 -0.19 0.00 | 36.34 -0.18 0.00 | 35.74 -0.22 0.00 | 35.83 -0.36 0.00 | 36.94 -0.34 0.00 | 41.67 -0.17 0.00 | 52.52 -0.26 0.00 | 58.07 0.00 0.00 | 47.28 -0.05 0.00 | 41.02 0.04 0.00 | 39.07 0.12 0.00 | 38.14 0.15 0.00 | 37.08 0.22 0.00 | 37.03 0.29 0.00 | 37.25 0.44 0.00 | 39.83 0.82 0.00 | 46.01 1.21 0.00 | 57.26 1.83 0.00 | 61.24 1.84 0.00 | 52.22 1.02 0.00 | 50.27 0.94 0.00 | 45.65 0.72 0.00 | 41.44 0.33 0.00 | 40.36 0.32 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 38.93 0.08 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.01 -0.18 0.00 | 37.05 -0.22 0.00 | 41.92 0.08 0.00 | 52.57 -0.21 0.00 | 58.30 0.23 0.00 | 47.47 0.14 0.00 | 41.23 0.25 0.00 | 39.31 0.35 0.00 | 38.41 0.42 0.00 | 37.42 0.55 0.00 | 37.43 0.70 0.00 | 37.73 0.92 0.00 | 40.53 1.52 0.00 | 46.95 2.15 0.00 | 58.64 3.21 0.00 | 62.79 3.39 0.00 | 53.30 2.10 0.00 | 51.11 1.78 0.00 | 46.37 1.44 0.00 | 41.81 0.70 0.00 | 40.96 0.92 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 38.93 0.08 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.01 -0.18 0.00 | 37.05 -0.22 0.00 | 41.92 0.08 0.00 | 52.57 -0.21 0.00 | 58.30 0.23 0.00 | 47.47 0.14 0.00 | 41.23 0.25 0.00 | 39.31 0.35 0.00 | 38.41 0.42 0.00 | 37.42 0.55 0.00 | 37.43 0.70 0.00 | 37.73 0.92 0.00 | 40.53 1.52 0.00 | 46.95 2.15 0.00 | 58.64 3.21 0.00 | 62.79 3.39 0.00 | 53.30 2.10 0.00 | 51.11 1.78 0.00 | 46.37 1.44 0.00 | 41.81 0.70 0.00 | 40.96 0.92 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 38.93 0.08 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.01 -0.18 0.00 | 37.05 -0.22 0.00 | 41.92 0.08 0.00 | 52.57 -0.21 0.00 | 58.30 0.23 0.00 | 47.47 0.14 0.00 | 41.23 0.25 0.00 | 39.30 0.35 0.00 | 38.41 0.42 0.00 | 37.38 0.52 0.00 | 37.43 0.70 0.00 | 37.73 0.92 0.00 | 40.53 1.52 0.00 | 46.95 2.15 0.00 | 58.64 3.21 0.00 | 62.79 3.38 0.00 | 53.30 2.10 0.00 | 51.10 1.77 0.00 | 46.37 1.44 0.00 | 41.81 0.70 0.00 | 40.96 0.92 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 36.09 -2.76 0.00 | 34.07 -2.45 0.00 | 33.69 -2.26 0.00 | 34.06 -2.14 0.00 | 35.26 -2.01 0.00 | 39.96 -1.88 0.00 | 49.93 -2.85 0.00 | 54.53 -3.54 0.00 | 44.68 -2.65 0.00 | 38.24 -2.75 0.00 | 36.34 -2.61 0.00 | 35.40 -2.58 0.00 | 34.47 -2.40 0.00 | 33.98 -2.76 0.00 | 34.05 -2.76 0.00 | 35.50 -3.51 0.00 | 40.14 -4.66 0.00 | 48.83 -6.60 0.00 | 52.27 -7.13 0.00 | 44.71 -6.45 0.04 | 43.06 -6.26 0.00 | 39.77 -5.17 0.00 | 36.46 -4.65 0.00 | 36.28 -3.76 0.00 |
| NEG WEST___LANCASTER 23811 | 37.69 -1.17 0.00 | 35.53 -0.99 0.00 | 35.09 -0.86 0.00 | 35.43 -0.76 0.00 | 36.75 -0.52 0.00 | 41.71 -0.13 0.00 | 52.36 -0.42 0.00 | 57.20 -0.87 0.00 | 46.90 -0.43 0.00 | 40.20 -0.78 0.00 | 38.18 -0.78 0.00 | 37.19 -0.80 0.00 | 36.13 -0.74 0.00 | 35.71 -1.03 0.00 | 35.74 -1.07 0.00 | 37.41 -1.60 0.00 | 42.34 -2.46 0.00 | 51.66 -3.77 0.00 | 55.24 -4.16 0.00 | 48.24 -2.92 0.04 | 45.33 -4.00 0.00 | 41.79 -3.15 0.00 | 38.35 -2.75 0.00 | 37.96 -2.08 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 38.77 -0.08 0.00 | 36.48 -0.04 0.00 | 35.92 -0.04 0.00 | 36.16 -0.04 0.00 | 37.35 0.07 0.00 | 42.17 0.33 0.00 | 53.16 0.37 0.00 | 58.30 0.23 0.00 | 47.56 0.24 0.00 | 40.98 0.00 0.00 | 39.07 0.12 0.00 | 37.99 0.00 0.00 | 36.79 -0.07 0.00 | 36.59 -0.15 0.00 | 36.70 -0.11 0.00 | 38.78 -0.23 0.00 | 44.40 -0.40 0.00 | 54.82 -0.61 0.00 | 58.81 -0.59 0.00 | 50.79 -0.41 0.00 | 48.59 -0.74 0.00 | 44.44 -0.49 0.00 | 40.66 -0.45 0.00 | 39.68 -0.36 0.00 |
| NEG___GEN_MONROE 24207 | 37.22 -1.63 0.00 | 35.06 -1.46 0.00 | 34.66 -1.29 0.00 | 35.00 -1.19 0.00 | 36.16 -1.12 0.00 | 40.92 -0.92 0.00 | 51.36 -1.43 0.00 | 56.10 -1.97 0.00 | 45.72 -1.61 0.00 | 39.18 -1.80 0.00 | 37.20 -1.75 0.00 | 36.24 -1.75 0.00 | 35.28 -1.59 0.00 | 34.90 -1.84 0.00 | 34.93 -1.88 0.00 | 36.67 -2.34 0.00 | 41.75 -3.05 0.00 | 51.27 -4.16 0.00 | 55.07 -4.34 0.00 | 47.00 -4.20 0.00 | 45.28 -4.05 0.00 | 41.57 -3.37 0.00 | 38.07 -3.04 0.00 | 37.60 -2.44 0.00 |

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| NEPA__ENERGY 23901 | 37.41 -1.44 0.00 | 35.28 -1.24 0.00 | 34.84 -1.11 0.00 | 35.18 -1.01 0.00 | 36.49 -0.78 0.00 | 41.42 -0.42 0.00 | 52.10 -0.69 0.00 | 56.91 -1.16 0.00 | 46.66 -0.66 0.00 | 39.96 -1.02 0.00 | 37.94 -1.01 0.00 | 36.92 -1.06 0.00 | 35.83 -1.03 0.00 | 35.38 -1.36 0.00 | 35.37 -1.44 0.00 | 36.87 -2.15 0.00 | 41.75 -3.05 0.00 | 50.94 -4.49 0.00 | 54.47 -4.93 0.00 | 46.90 -4.25 0.05 | 44.74 -4.59 0.00 | 41.25 -3.68 0.00 | 37.86 -3.25 0.00 | 37.52 -2.52 0.00 |
| NEVERSink__HYD 23608 | 40.76 1.90 0.00 | 38.20 1.68 0.00 | 37.57 1.62 0.00 | 37.82 1.63 0.00 | 38.95 1.68 0.00 | 43.60 1.76 0.00 | 55.37 2.59 0.00 | 60.97 2.90 0.00 | 49.50 2.18 0.00 | 42.74 1.76 0.00 | 40.28 1.33 0.00 | 39.32 1.33 0.00 | 38.12 1.25 0.00 | 38.02 1.29 0.00 | 38.17 1.36 0.00 | 40.65 1.64 0.00 | 47.00 2.19 0.00 | 58.31 2.88 0.00 | 62.67 3.26 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.45 2.51 0.00 | 43.37 2.26 0.00 | 42.08 2.04 0.00 |
| NEWKRMKL_115KV_TB1 55635 | 39.82 0.97 0.00 | 37.43 0.91 0.00 | 36.85 0.90 0.00 | 37.06 0.87 0.00 | 38.13 0.86 0.00 | 42.63 0.79 0.00 | 53.73 0.95 0.00 | 59.06 0.99 0.00 | 48.08 0.76 0.00 | 41.68 0.70 0.00 | 39.66 0.70 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.47 0.66 0.00 | 39.48 0.47 0.00 | 45.20 0.40 0.00 | 55.98 0.55 0.00 | 60.06 0.65 0.00 | 51.97 0.77 0.00 | 50.27 0.94 0.00 | 45.65 0.72 0.00 | 42.05 0.95 0.00 | 40.88 0.84 0.00 |
| NEWTON__FALLS_HYD 23847 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.69 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.61 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.06 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.47 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| NGRID_A1_DSASP 323792 | 35.67 -3.19 0.00 | 33.86 -2.66 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.87 -1.97 0.00 | 49.30 -3.49 0.00 | 53.65 -4.42 0.00 | 44.01 -3.31 0.00 | 37.70 -3.28 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.03 -2.84 0.00 | 33.54 -3.20 0.00 | 33.72 -3.09 0.00 | 35.00 -4.02 0.00 | 39.56 -5.24 0.00 | 47.95 -7.48 0.00 | 51.38 -8.02 0.00 | 43.99 -7.17 0.04 | 42.38 -6.95 0.00 | 39.32 -5.62 0.00 | 36.26 -4.85 0.00 | 35.79 -4.25 0.00 |
| NGRID_A2_DSASP 323793 | 35.67 -3.19 0.00 | 33.86 -2.66 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.87 -1.97 0.00 | 49.30 -3.49 0.00 | 53.65 -4.42 0.00 | 44.01 -3.31 0.00 | 37.70 -3.28 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.03 -2.84 0.00 | 33.54 -3.20 0.00 | 33.72 -3.09 0.00 | 35.00 -4.02 0.00 | 39.56 -5.24 0.00 | 47.95 -7.48 0.00 | 51.38 -8.02 0.00 | 43.99 -7.17 0.04 | 42.38 -6.95 0.00 | 39.32 -5.62 0.00 | 36.26 -4.85 0.00 | 35.79 -4.25 0.00 |
| NGRID_A4_DSASP 323807 | 35.67 -3.19 0.00 | 33.86 -2.66 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.87 -1.97 0.00 | 49.30 -3.49 0.00 | 53.65 -4.42 0.00 | 44.01 -3.31 0.00 | 37.70 -3.28 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.03 -2.84 0.00 | 33.54 -3.20 0.00 | 33.72 -3.09 0.00 | 35.00 -4.02 0.00 | 39.56 -5.24 0.00 | 47.95 -7.48 0.00 | 51.38 -8.02 0.00 | 43.99 -7.17 0.04 | 42.38 -6.95 0.00 | 39.32 -5.62 0.00 | 36.26 -4.85 0.00 | 35.79 -4.25 0.00 |
| NIAGARA_115E_LBMP 323715 | 35.43 -3.42 0.00 | 33.60 -2.92 0.00 | 33.11 -2.84 0.00 | 33.44 -2.75 0.00 | 34.63 -2.65 0.00 | 39.62 -2.22 0.00 | 49.04 -3.75 0.00 | 53.37 -4.70 0.00 | 43.78 -3.55 0.00 | 37.46 -3.52 0.00 | 36.35 -2.61 0.00 | 34.99 -3.00 0.00 | 33.80 -3.06 0.00 | 33.32 -3.42 0.00 | 33.50 -3.31 0.00 | 34.80 -4.21 0.00 | 39.33 -5.47 0.00 | 47.73 -7.70 0.00 | 51.15 -8.26 0.00 | 43.73 -7.42 0.04 | 42.13 -7.20 0.00 | 39.05 -5.88 0.00 | 36.01 -5.10 0.00 | 35.56 -4.48 0.00 |
| NIAGARA_115W_LBMP 323714 | 35.63 -3.22 0.00 | 33.82 -2.70 0.00 | 33.33 -2.62 0.00 | 33.62 -2.57 0.00 | 34.81 -2.46 0.00 | 39.83 -2.01 0.00 | 49.19 -3.59 0.00 | 53.54 -4.53 0.00 | 43.92 -3.41 0.00 | 37.67 -3.32 0.00 | 36.54 -2.42 0.00 | 35.14 -2.85 0.00 | 33.99 -2.88 0.00 | 33.50 -3.23 0.00 | 33.68 -3.13 0.00 | 34.95 -4.06 0.00 | 39.51 -5.29 0.00 | 47.89 -7.54 0.00 | 51.32 -8.08 0.00 | 43.89 -7.27 0.04 | 42.32 -7.00 0.00 | 39.27 -5.66 0.00 | 36.22 -4.89 0.00 | 35.76 -4.28 0.00 |
| NIAGARA_230_LBMP 323716 | 35.82 -3.03 0.00 | 33.96 -2.56 0.00 | 33.47 -2.48 0.00 | 33.77 -2.42 0.00 | 34.96 -2.31 0.00 | 39.96 -1.88 0.00 | 49.46 -3.32 0.00 | 53.83 -4.24 0.00 | 44.16 -3.17 0.00 | 37.83 -3.15 0.00 | 36.69 -2.26 0.00 | 35.33 -2.66 0.00 | 34.14 -2.73 0.00 | 33.69 -3.05 0.00 | 33.83 -2.98 0.00 | 35.15 -3.86 0.00 | 39.74 -5.06 0.00 | 48.23 -7.20 0.00 | 51.68 -7.72 0.00 | 44.30 -6.86 0.04 | 42.62 -6.71 0.00 | 39.54 -5.39 0.00 | 36.42 -4.69 0.00 | 35.96 -4.08 0.00 |
| NIAGARA__115KV_198_GIBSON 55903 | 35.63 -3.22 0.00 | 33.67 -2.85 0.00 | 33.33 -2.62 0.00 | 33.62 -2.57 0.00 | 34.81 -2.46 0.00 | 39.37 -2.47 0.00 | 49.14 -3.64 0.00 | 53.54 -4.53 0.00 | 43.92 -3.41 0.00 | 37.66 -3.32 0.00 | 35.80 -3.16 0.00 | 34.91 -3.08 0.00 | 33.99 -2.88 0.00 | 33.50 -3.23 0.00 | 33.57 -3.24 0.00 | 34.96 -4.06 0.00 | 39.47 -5.33 0.00 | 47.95 -7.48 0.00 | 51.32 -8.08 0.00 | 43.89 -7.27 0.04 | 42.42 -6.91 0.00 | 39.18 -5.75 0.00 | 35.93 -5.18 0.00 | 35.84 -4.20 0.00 |
| NIAGARA____ 23760 | 35.82 -3.03 0.00 | 33.96 -2.56 0.00 | 33.47 -2.48 0.00 | 33.77 -2.42 0.00 | 34.96 -2.31 0.00 | 39.96 -1.88 0.00 | 49.46 -3.32 0.00 | 53.83 -4.24 0.00 | 44.16 -3.17 0.00 | 37.83 -3.15 0.00 | 36.69 -2.26 0.00 | 35.33 -2.66 0.00 | 34.14 -2.73 0.00 | 33.69 -3.05 0.00 | 33.83 -2.98 0.00 | 35.15 -3.86 0.00 | 39.74 -5.06 0.00 | 48.23 -7.20 0.00 | 51.68 -7.72 0.00 | 44.30 -6.86 0.04 | 42.62 -6.71 0.00 | 39.54 -5.39 0.00 | 36.42 -4.69 0.00 | 35.96 -4.08 0.00 |
| NINE_MILE_1 23575 | 37.38 -1.48 0.00 | 35.21 -1.31 0.00 | 34.66 -1.29 0.00 | 34.92 -1.27 0.00 | 35.97 -1.31 0.00 | 40.42 -1.42 0.00 | 50.93 -1.85 0.00 | 55.98 -2.09 0.00 | 45.67 -1.66 0.00 | 39.47 -1.52 0.00 | 37.59 -1.36 0.00 | 36.62 -1.37 0.00 | 35.54 -1.33 0.00 | 35.38 -1.36 0.00 | 35.45 -1.36 0.00 | 37.45 -1.56 0.00 | 42.96 -1.84 0.00 | 53.10 -2.33 0.00 | 56.91 -2.49 0.00 | 49.05 -2.15 0.00 | 47.21 -2.12 0.00 | 43.09 -1.84 0.00 | 39.42 -1.69 0.00 | 38.40 -1.64 0.00 |
| NINE_MILE_2 23744 | 37.38 -1.48 0.00 | 35.21 -1.31 0.00 | 34.66 -1.29 0.00 | 34.92 -1.27 0.00 | 35.97 -1.31 0.00 | 40.42 -1.42 0.00 | 50.93 -1.85 0.00 | 55.98 -2.09 0.00 | 45.67 -1.66 0.00 | 39.47 -1.52 0.00 | 37.59 -1.36 0.00 | 36.62 -1.37 0.00 | 35.54 -1.33 0.00 | 35.38 -1.36 0.00 | 35.45 -1.36 0.00 | 37.45 -1.56 0.00 | 42.96 -1.84 0.00 | 53.10 -2.33 0.00 | 56.91 -2.49 0.00 | 49.05 -2.15 0.00 | 47.21 -2.12 0.00 | 43.09 -1.84 0.00 | 39.42 -1.69 0.00 | 38.40 -1.64 0.00 |
| NM_CAPITAL__DRP 24208 | 39.94 1.09 0.00 | 37.54 1.02 0.00 | 36.92 0.97 0.00 | 37.17 0.98 0.00 | 38.21 0.93 0.00 | 42.72 0.88 0.00 | 53.84 1.06 0.00 | 59.17 1.10 0.00 | 48.23 0.90 0.00 | 41.80 0.82 0.00 | 39.77 0.82 0.00 | 38.79 0.80 0.00 | 37.64 0.77 0.00 | 37.54 0.81 0.00 | 37.58 0.77 0.00 | 39.64 0.62 0.00 | 45.38 0.58 0.00 | 56.21 0.78 0.00 | 60.23 0.83 0.00 | 52.17 0.97 0.00 | 50.46 1.13 0.00 | 45.83 0.90 0.00 | 42.22 1.11 0.00 | 41.04 1.00 0.00 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| NM_CENTRAL___DRP 24181 | 38.19 -0.66 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.34 -0.50 0.00 | 52.20 -0.58 0.00 | 57.37 -0.70 0.00 | 46.99 -0.33 0.00 | 40.49 -0.49 0.00 | 38.53 -0.43 0.00 | 37.53 -0.46 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.33 -0.48 0.00 | 38.43 -0.59 0.00 | 44.04 -0.76 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.12 -1.08 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| NM_FRONTIER___DRP 24179 | 35.63 -3.22 0.00 | 33.67 -2.85 0.00 | 33.33 -2.62 0.00 | 33.62 -2.57 0.00 | 34.81 -2.46 0.00 | 39.37 -2.47 0.00 | 49.14 -3.64 0.00 | 53.54 -4.53 0.00 | 43.92 -3.41 0.00 | 37.66 -3.32 0.00 | 35.80 -3.16 0.00 | 34.91 -3.08 0.00 | 33.99 -2.88 0.00 | 33.50 -3.23 0.00 | 33.57 -3.24 0.00 | 34.96 -4.06 0.00 | 39.47 -5.33 0.00 | 47.95 -7.48 0.00 | 51.32 -8.08 0.00 | 43.89 -7.27 0.04 | 42.42 -6.91 0.00 | 39.18 -5.75 0.00 | 35.93 -5.18 0.00 | 35.84 -4.20 0.00 |
| NM_ST_REGIS___HYD 24053 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.63 0.43 0.00 | 37.72 0.45 0.00 | 42.47 0.63 0.00 | 53.42 0.63 0.00 | 58.83 0.75 0.00 | 47.66 0.33 0.00 | 41.39 0.41 0.00 | 39.58 0.62 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.54 0.81 0.00 | 37.66 0.85 0.00 | 40.22 1.21 0.00 | 46.23 1.43 0.00 | 57.37 1.94 0.00 | 61.01 1.60 0.00 | 51.87 0.67 0.00 | 50.12 0.79 0.00 | 45.79 0.85 0.00 | 41.85 0.74 0.00 | 40.92 0.88 0.00 |
| NORTHPORT___1 23551 | 49.05 2.41 -7.79 | 44.07 2.19 -5.36 | 38.86 2.19 -0.71 | 38.36 2.17 0.00 | 39.44 2.16 0.00 | 46.84 2.05 -2.95 | 57.53 2.59 -2.16 | 60.97 2.90 0.00 | 49.83 2.51 0.00 | 43.11 2.13 0.00 | 40.59 1.64 0.00 | 39.74 1.75 0.00 | 38.41 1.55 0.00 | 38.31 1.58 0.00 | 38.47 1.66 0.00 | 41.04 2.03 0.00 | 47.44 2.64 0.00 | 57.87 2.44 0.00 | 62.01 2.61 0.00 | 54.22 3.02 0.00 | 52.19 2.86 0.00 | 49.66 3.01 -1.71 | 48.25 2.67 -4.47 | 46.97 2.48 -4.45 |
| NORTHPORT___2 23552 | 49.05 2.41 -7.79 | 44.07 2.19 -5.36 | 38.86 2.19 -0.71 | 38.36 2.17 0.00 | 39.44 2.16 0.00 | 46.84 2.05 -2.95 | 57.53 2.59 -2.16 | 60.97 2.90 0.00 | 49.83 2.51 0.00 | 43.11 2.13 0.00 | 40.59 1.64 0.00 | 39.74 1.75 0.00 | 38.41 1.55 0.00 | 38.31 1.58 0.00 | 38.47 1.66 0.00 | 41.04 2.03 0.00 | 47.44 2.64 0.00 | 57.87 2.44 0.00 | 62.01 2.61 0.00 | 54.22 3.02 0.00 | 52.19 2.86 0.00 | 49.66 3.01 -1.71 | 48.25 2.67 -4.47 | 46.97 2.48 -4.45 |
| NORTHPORT___3 23553 | 49.55 2.92 -7.79 | 44.44 2.56 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.81 2.54 0.00 | 47.35 2.55 -2.95 | 58.37 3.43 -2.16 | 61.90 3.83 0.00 | 50.40 3.07 0.00 | 43.65 2.66 0.00 | 41.13 2.18 0.00 | 40.27 2.28 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 38.98 2.17 0.00 | 41.59 2.57 0.00 | 48.07 3.27 0.00 | 58.98 3.55 0.00 | 63.26 3.86 0.00 | 55.20 4.00 0.00 | 53.13 3.80 0.00 | 50.25 3.60 -1.71 | 48.78 3.21 -4.47 | 47.53 3.04 -4.45 |
| NORTHPORT___4 23650 | 49.55 2.92 -7.79 | 44.44 2.56 -5.36 | 39.18 2.52 -0.71 | 38.69 2.50 0.00 | 39.81 2.54 0.00 | 47.35 2.55 -2.95 | 58.37 3.43 -2.16 | 61.90 3.83 0.00 | 50.40 3.07 0.00 | 43.65 2.66 0.00 | 41.13 2.18 0.00 | 40.27 2.28 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 38.98 2.17 0.00 | 41.59 2.57 0.00 | 48.07 3.27 0.00 | 58.98 3.55 0.00 | 63.26 3.86 0.00 | 55.20 4.00 0.00 | 53.13 3.80 0.00 | 50.25 3.60 -1.71 | 48.78 3.21 -4.47 | 47.53 3.04 -4.45 |
| NORTHPORT___IC 23718 | 49.05 2.41 -7.79 | 44.11 2.23 -5.36 | 38.86 2.19 -0.71 | 38.36 2.17 0.00 | 39.44 2.16 0.00 | 46.88 2.09 -2.95 | 57.53 2.59 -2.16 | 60.45 2.38 0.00 | 49.60 2.27 0.00 | 43.11 2.13 0.00 | 40.71 1.75 0.00 | 39.74 1.75 0.00 | 38.37 1.51 0.00 | 38.31 1.58 0.00 | 38.46 1.66 0.00 | 41.00 1.99 0.00 | 47.44 2.64 0.00 | 57.81 2.38 0.00 | 62.19 2.79 0.00 | 54.07 2.87 0.00 | 52.29 2.96 0.00 | 49.66 3.01 -1.71 | 48.37 2.80 -4.47 | 47.01 2.52 -4.45 |
| NORTH___COUNTRY_ESR 323785 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.59 -0.36 0.00 | 35.68 -0.51 0.00 | 36.79 -0.49 0.00 | 41.50 -0.34 0.00 | 52.31 -0.48 0.00 | 57.84 -0.23 0.00 | 47.09 -0.24 0.00 | 40.90 -0.08 0.00 | 38.95 0.00 0.00 | 38.03 0.04 0.00 | 36.97 0.11 0.00 | 36.96 0.22 0.00 | 37.14 0.33 0.00 | 39.72 0.70 0.00 | 45.83 1.03 0.00 | 57.04 1.61 0.00 | 61.01 1.60 0.00 | 52.07 0.87 0.00 | 50.07 0.74 0.00 | 45.48 0.54 0.00 | 41.27 0.17 0.00 | 40.24 0.20 0.00 |
| NPX_GEN_1385_PROXY 323591 | 48.58 1.94 -7.79 | 44.00 2.12 -5.36 | 39.00 2.34 -0.71 | 38.51 2.32 0.00 | 39.44 2.16 0.00 | 46.55 1.76 -2.95 | 56.58 1.64 -2.16 | 60.57 2.50 0.00 | 49.50 2.18 0.00 | 42.87 1.89 0.00 | 40.16 1.21 0.00 | 39.32 1.33 0.00 | 38.01 1.14 0.00 | 38.05 1.32 0.00 | 38.21 1.40 0.00 | 40.61 1.60 0.00 | 47.04 2.24 0.00 | 57.48 2.05 0.00 | 61.42 2.02 0.00 | 54.22 3.02 0.00 | 52.19 2.86 0.00 | 49.48 2.83 -1.71 | 48.00 2.42 -4.47 | 46.57 2.08 -4.45 |
| NPX_GEN_CSC 323557 | 49.28 2.64 -7.79 | 44.22 2.34 -5.36 | 39.07 2.41 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.88 2.55 0.00 | 42.83 1.85 0.00 | 40.01 1.05 0.00 | 39.39 1.41 0.00 | 37.97 1.10 0.00 | 37.87 1.14 0.00 | 37.69 0.88 0.00 | 40.30 1.29 0.00 | 43.16 1.48 3.12 | 46.73 1.28 9.98 | 48.66 1.42 12.17 | 42.97 1.90 10.13 | 45.23 1.73 5.83 | 40.96 1.84 5.82 | 38.47 1.52 4.16 | 35.83 1.36 5.57 |
| NSINS_S___GLNS_FALLS 23858 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 45.61 3.77 0.00 | 57.80 5.01 0.00 | 63.30 5.23 0.00 | 51.35 4.02 0.00 | 44.10 3.11 0.00 | 41.72 2.77 0.00 | 40.53 2.55 0.00 | 39.11 2.25 0.00 | 39.05 2.31 0.00 | 39.16 2.36 0.00 | 41.94 2.93 0.00 | 47.18 2.37 0.00 | 58.59 3.16 0.00 | 63.03 3.62 0.00 | 54.32 3.12 0.00 | 52.78 3.45 0.00 | 48.04 3.10 0.00 | 43.74 2.63 0.00 | 42.60 2.56 0.00 |
| NUCOR_STEEL___DRP 24197 | 38.58 -0.27 0.00 | 36.26 -0.26 0.00 | 35.77 -0.18 0.00 | 36.05 -0.14 0.00 | 37.16 -0.11 0.00 | 41.88 0.04 0.00 | 52.89 0.11 0.00 | 58.13 0.06 0.00 | 47.37 0.05 0.00 | 40.78 -0.20 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.40 -0.33 0.00 | 36.51 -0.29 0.00 | 38.66 -0.35 0.00 | 44.31 -0.49 0.00 | 54.88 -0.55 0.00 | 58.87 -0.53 0.00 | 50.74 -0.46 0.00 | 48.69 -0.64 0.00 | 44.49 -0.45 0.00 | 40.57 -0.53 0.00 | 39.64 -0.40 0.00 |
| NUMBER_THREE_WT_PWR 323818 | 39.20 0.35 0.00 | 36.78 0.26 0.00 | 36.24 0.29 0.00 | 36.52 0.32 0.00 | 37.69 0.41 0.00 | 42.51 0.67 0.00 | 53.78 1.00 0.00 | 59.64 1.57 0.00 | 48.37 1.04 0.00 | 42.21 1.23 0.00 | 40.04 1.09 0.00 | 39.01 1.03 0.00 | 37.89 1.03 0.00 | 37.80 1.07 0.00 | 37.91 1.10 0.00 | 40.38 1.36 0.00 | 46.41 1.61 0.00 | 57.81 2.38 0.00 | 61.18 1.78 0.00 | 52.07 0.87 0.00 | 50.02 0.69 0.00 | 45.52 0.58 0.00 | 41.64 0.53 0.00 | 40.56 0.52 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 38.85 0.00 0.00 | 36.52 0.00 0.00 | 35.95 0.00 0.00 | 36.19 0.00 0.00 | 37.28 0.00 0.00 | 41.84 0.00 0.00 | 52.78 0.00 0.00 | 58.07 0.00 0.00 | 47.33 0.00 0.00 | 40.98 0.00 0.00 | 38.95 0.00 0.00 | 37.99 0.00 0.00 | 36.86 0.00 0.00 | 36.73 0.00 0.00 | 36.81 0.00 0.00 | 39.01 0.00 0.00 | 44.80 0.00 0.00 | 55.43 0.00 0.00 | 59.40 0.00 0.00 | 51.20 0.00 0.00 | 49.33 0.00 0.00 | 44.94 0.00 0.00 | 41.11 0.00 0.00 | 40.04 0.00 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|--------|--------|--------|-------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| NYPA_BRENTWD____GT 24164 | 49.59 | 44.55 | 39.32 | 38.83 | 39.88 | 47.43 | 58.42 | 61.96 | 50.45 | 43.61 | 41.02 | 40.15 | 38.78 | 38.68 | 38.87 | 41.51 | 48.03 | 58.76 | 63.09 | 55.04 | 52.98 | 50.25 | 48.78 | 47.49 |
| | 2.95 | 2.66 | 2.66 | 2.64 | 2.61 | 2.64 | 3.48 | 3.89 | 3.12 | 2.63 | 2.06 | 2.16 | 1.92 | 1.95 | 2.06 | 2.50 | 3.23 | 3.33 | 3.68 | 3.84 | 3.65 | 3.60 | 3.21 | 3.00 |
| | -7.79 | -5.36 | -0.71 | 0.00 | 0.00 | -2.95 | -2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.71 | -4.47 | -4.45 |
| NYPA_GOWANUS____GT5 24156 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| NYPA_GOWANUS____GT6 24157 | 58.60 | 55.26 | 58.14 | 42.73 | 58.17 | 58.29 | 60.46 | 61.99 | 60.27 | 59.37 | 59.25 | 59.23 | 58.81 | 58.80 | 59.21 | 59.19 | 60.27 | 126.59 | 136.96 | 106.21 | 97.71 | 60.28 | 59.45 | 59.27 |
| | 2.60 | 2.27 | 2.23 | 2.21 | 2.24 | 2.13 | 2.90 | 3.19 | 2.74 | 2.63 | 2.34 | 2.39 | 2.36 | 2.39 | 2.43 | 2.50 | 2.96 | 3.38 | 3.50 | 3.69 | 3.55 | 3.24 | 2.92 | 2.76 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| NYPA_HARLEM__RVR__GT1 24160 | 41.00 | 38.32 | 37.72 | 38.01 | 39.04 | 43.64 | 55.26 | 60.51 | 49.35 | 43.02 | 40.74 | 39.89 | 38.79 | 38.69 | 38.77 | 40.99 | 47.22 | 58.09 | 62.14 | 54.32 | 52.34 | 47.81 | 43.71 | 42.33 |
| | 2.14 | 1.79 | 1.76 | 1.81 | 1.75 | 1.80 | 2.48 | 2.44 | 2.03 | 2.05 | 1.79 | 1.90 | 1.92 | 1.95 | 1.95 | 1.99 | 2.42 | 2.66 | 2.73 | 3.12 | 3.01 | 2.88 | 2.59 | 2.28 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA_HARLEM__RVR__GT2 24161 | 41.00 | 38.32 | 37.72 | 38.01 | 39.04 | 43.64 | 55.26 | 60.51 | 49.35 | 43.02 | 40.74 | 39.89 | 38.79 | 38.69 | 38.77 | 40.99 | 47.22 | 58.09 | 62.14 | 54.32 | 52.34 | 47.81 | 43.71 | 42.33 |
| | 2.14 | 1.79 | 1.76 | 1.81 | 1.75 | 1.80 | 2.48 | 2.44 | 2.03 | 2.05 | 1.79 | 1.90 | 1.92 | 1.95 | 1.95 | 1.99 | 2.42 | 2.66 | 2.73 | 3.12 | 3.01 | 2.88 | 2.59 | 2.28 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA_KENT____GT 24152 | 51.13 | 48.09 | 49.52 | 40.78 | 50.06 | 52.02 | 58.26 | 61.50 | 55.73 | 52.52 | 51.43 | 51.04 | 50.31 | 50.26 | 50.54 | 51.53 | 54.80 | 58.62 | 62.70 | 73.51 | 69.72 | 54.45 | 52.75 | 52.09 |
| | 2.45 | 2.12 | 2.12 | 2.10 | 2.09 | 1.97 | 2.74 | 3.02 | 2.55 | 2.50 | 2.18 | 2.24 | 2.21 | 2.24 | 2.28 | 2.38 | 2.82 | 3.16 | 3.26 | 3.48 | 3.36 | 3.10 | 2.80 | 2.60 |
| | -9.83 | -9.45 | -11.45 | -2.49 | -10.70 | -8.21 | -2.74 | -0.42 | -5.85 | -9.03 | -10.29 | -10.81 | -11.23 | -11.29 | -11.45 | -10.13 | -7.18 | -0.03 | -0.03 | -18.83 | -17.03 | -6.42 | -8.85 | -9.45 |
| NYPA_POUCH1____GT 24155 | 58.48 | 55.19 | 58.07 | 42.66 | 58.09 | 58.21 | 60.30 | 61.76 | 60.08 | 59.20 | 59.05 | 59.08 | 58.66 | 58.66 | 59.02 | 59.03 | 60.10 | 126.31 | 136.66 | 106.00 | 97.51 | 60.10 | 59.29 | 59.11 |
| | 2.49 | 2.19 | 2.16 | 2.13 | 2.16 | 2.05 | 2.74 | 2.96 | 2.55 | 2.46 | 2.14 | 2.24 | 2.21 | 2.24 | 2.25 | 2.34 | 2.78 | 3.10 | 3.21 | 3.48 | 3.36 | 3.06 | 2.75 | 2.60 |
| | -17.14 | -16.48 | -19.96 | -4.34 | -18.65 | -14.32 | -4.77 | -0.73 | -10.20 | -15.76 | -17.96 | -18.85 | -19.58 | -19.68 | -19.97 | -17.67 | -12.52 | -67.78 | -74.05 | -51.32 | -44.82 | -12.11 | -15.42 | -16.47 |
| NYPA_VERNON____GT2 24162 | 43.71 | 40.95 | 40.86 | 38.79 | 41.99 | 45.78 | 56.02 | 61.02 | 51.23 | 45.63 | 43.61 | 42.84 | 41.81 | 41.72 | 41.88 | 43.83 | 49.28 | 58.43 | 62.50 | 57.61 | 55.47 | 49.50 | 46.01 | 44.95 |
| | 2.33 | 2.01 | 1.98 | 1.95 | 1.97 | 1.84 | 2.53 | 2.84 | 2.41 | 2.33 | 2.02 | 2.09 | 2.06 | 2.09 | 2.13 | 2.22 | 2.64 | 2.99 | 3.09 | 3.33 | 3.20 | 2.92 | 2.63 | 2.48 |
| | -2.52 | -2.42 | -2.94 | -0.64 | -2.74 | -2.10 | -0.70 | -0.11 | -1.50 | -2.31 | -2.63 | -2.77 | -2.88 | -2.90 | -2.94 | -2.59 | -1.84 | -0.01 | -0.01 | -3.08 | -2.94 | -1.64 | -2.27 | -2.42 |
| NYPA_VERNON____GT3 24163 | 43.71 | 40.95 | 40.86 | 38.79 | 41.99 | 45.78 | 56.02 | 61.02 | 51.23 | 45.63 | 43.61 | 42.84 | 41.81 | 41.72 | 41.88 | 43.83 | 49.28 | 58.43 | 62.50 | 57.61 | 55.47 | 49.50 | 46.01 | 44.95 |
| | 2.33 | 2.01 | 1.98 | 1.95 | 1.97 | 1.84 | 2.53 | 2.84 | 2.41 | 2.33 | 2.02 | 2.09 | 2.06 | 2.09 | 2.13 | 2.22 | 2.64 | 2.99 | 3.09 | 3.33 | 3.20 | 2.92 | 2.63 | 2.48 |
| | -2.52 | -2.42 | -2.94 | -0.64 | -2.74 | -2.10 | -0.70 | -0.11 | -1.50 | -2.31 | -2.63 | -2.77 | -2.88 | -2.90 | -2.94 | -2.59 | -1.84 | -0.01 | -0.01 | -3.08 | -2.94 | -1.64 | -2.27 | -2.42 |
| NYPA__ASTORIA_CC1 323568 | 41.15 | 38.50 | 37.90 | 38.15 | 39.22 | 43.64 | 55.26 | 60.80 | 49.64 | 43.28 | 40.94 | 40.04 | 38.90 | 38.80 | 38.91 | 41.20 | 47.40 | 58.31 | 62.37 | 54.43 | 52.49 | 47.81 | 43.71 | 42.49 |
| | 2.29 | 1.97 | 1.94 | 1.95 | 1.94 | 1.80 | 2.48 | 2.73 | 2.32 | 2.29 | 1.99 | 2.05 | 2.03 | 2.06 | 2.10 | 2.18 | 2.60 | 2.88 | 2.97 | 3.23 | 3.16 | 2.88 | 2.59 | 2.44 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA__ASTORIA_CC2 323569 | 41.15 | 38.50 | 37.90 | 38.15 | 39.22 | 43.64 | 55.26 | 60.80 | 49.64 | 43.28 | 40.94 | 40.04 | 38.90 | 38.80 | 38.91 | 41.20 | 47.40 | 58.31 | 62.37 | 54.43 | 52.49 | 47.81 | 43.71 | 42.49 |
| | 2.29 | 1.97 | 1.94 | 1.95 | 1.94 | 1.80 | 2.48 | 2.73 | 2.32 | 2.29 | 1.99 | 2.05 | 2.03 | 2.06 | 2.10 | 2.18 | 2.60 | 2.88 | 2.97 | 3.23 | 3.16 | 2.88 | 2.59 | 2.44 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA__HOLTSVILL 23794 | 49.47 | 44.40 | 39.18 | 38.69 | 39.77 | 47.26 | 58.22 | 61.73 | 50.26 | 43.40 | 40.82 | 39.96 | 38.63 | 38.53 | 38.65 | 41.27 | 47.71 | 58.42 | 62.67 | 54.68 | 52.64 | 49.93 | 48.49 | 47.21 |
| | 2.83 | 2.52 | 2.52 | 2.50 | 2.50 | 2.47 | 3.27 | 3.66 | 2.94 | 2.42 | 1.87 | 1.97 | 1.77 | 1.80 | 1.84 | 2.26 | 2.91 | 2.99 | 3.26 | 3.48 | 3.31 | 3.28 | 2.92 | 2.72 |
| | -7.79 | -5.36 | -0.71 | 0.00 | 0.00 | -2.95 | -2.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.71 | -4.47 | -4.45 |
| NYPA__HELLGATE_GT1 24158 | 41.00 | 38.32 | 37.72 | 38.01 | 39.04 | 43.64 | 55.26 | 60.51 | 49.35 | 43.02 | 40.74 | 39.89 | 38.79 | 38.69 | 38.77 | 40.99 | 47.22 | 58.09 | 62.14 | 54.32 | 52.34 | 47.81 | 43.71 | 42.33 |
| | 2.14 | 1.79 | 1.76 | 1.81 | 1.75 | 1.80 | 2.48 | 2.44 | 2.03 | 2.05 | 1.79 | 1.90 | 1.92 | 1.95 | 1.95 | 1.99 | 2.42 | 2.66 | 2.73 | 3.12 | 3.01 | 2.88 | 2.59 | 2.28 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYPA__HELLGATE_GT2 24159 | 41.00 | 38.32 | 37.72 | 38.01 | 39.04 | 43.64 | 55.26 | 60.51 | 49.35 | 43.02 | 40.74 | 39.89 | 38.79 | 38.69 | 38.77 | 40.99 | 47.22 | 58.09 | 62.14 | 54.32 | 52.34 | 47.81 | 43.71 | 42.33 |
| | 2.14 | 1.79 | 1.76 | 1.81 | 1.75 | 1.80 | 2.48 | 2.44 | 2.03 | 2.05 | 1.79 | 1.90 | 1.92 | 1.95 | 1.95 | 1.99 | 2.42 | 2.66 | 2.73 | 3.12 | 3.01 | 2.88 | 2.59 | 2.28 |
| | -0.01 | -0.01 | -0.01 | -0.01 | -0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | -0.01 | -0.01 | -0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.01 | -0.01 |
| NYS_BARGE__HYD 23848 | 36.09 | 34.18 | 33.69 | 34.06 | 35.26 | 40.37 | 50.04 | 54.53 | 44.68 | 38.24 | 37.05 | 35.67 | 34.47 | 33.98 | 34.16 | 35.50 | 40.14 | 48.78 | 52.33 | 44.71 | 43.02 | 39.86 | 36.75 | 36.23 |
| | -2.76 | -2.34 | -2.26 | -2.14 | -2.01 | -1.47 | -2.75 | -3.54 | -2.65 | -2.75 | -1.91 | -2.32 | -2.40 | -2.76 | -2.65 | -3.51 | -4.66 | -6.65 | -7.07 | -6.45 | -6.31 | -5.08 | -4.36 | -3.80 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| OAK ORCHARD___HYD 24046 | 37.18 -1.67 0.00 | 35.09 -1.42 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.12 -1.16 0.00 | 41.04 -0.80 0.00 | 51.36 -1.42 0.00 | 56.21 -1.86 0.00 | 45.81 -1.52 0.00 | 39.30 -1.68 0.00 | 37.86 -1.09 0.00 | 36.62 -1.37 0.00 | 35.42 -1.44 0.00 | 35.08 -1.65 0.00 | 35.23 -1.58 0.00 | 36.94 -2.07 0.00 | 42.07 -2.73 0.00 | 51.72 -3.71 0.00 | 55.54 -3.86 0.00 | 47.46 -3.74 0.00 | 45.68 -3.65 0.00 | 42.06 -2.88 0.00 | 38.56 -2.55 0.00 | 37.76 -2.28 0.00 |
| OAKDALE___35_KV_LOAD 356122 | 38.70 -0.16 0.00 | 36.37 -0.15 0.00 | 35.84 -0.11 0.00 | 36.12 -0.07 0.00 | 37.28 0.00 0.00 | 41.97 0.13 0.00 | 52.94 0.16 0.00 | 58.13 0.06 0.00 | 47.42 0.09 0.00 | 40.86 -0.12 0.00 | 38.84 -0.12 0.00 | 37.84 -0.15 0.00 | 36.72 -0.15 0.00 | 36.48 -0.26 0.00 | 36.59 -0.22 0.00 | 38.66 -0.35 0.00 | 44.31 -0.49 0.00 | 54.71 -0.72 0.00 | 58.63 -0.77 0.00 | 50.64 -0.56 0.00 | 48.49 -0.84 0.00 | 44.35 -0.58 0.00 | 40.53 -0.58 0.00 | 39.64 -0.40 0.00 |
| OCC_CHEM___DRP 24175 | 35.67 -3.19 0.00 | 33.71 -2.81 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.41 -2.43 0.00 | 49.19 -3.59 0.00 | 53.60 -4.47 0.00 | 43.97 -3.36 0.00 | 37.70 -3.28 0.00 | 35.88 -3.08 0.00 | 34.95 -3.04 0.00 | 34.02 -2.84 0.00 | 33.54 -3.20 0.00 | 33.61 -3.20 0.00 | 34.99 -4.02 0.00 | 39.56 -5.24 0.00 | 48.00 -7.43 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.04 | 42.47 -6.86 0.00 | 39.27 -5.66 0.00 | 36.01 -5.10 0.00 | 35.88 -4.16 0.00 |
| OH_GEN_PROXY 24063 | 35.86 -2.99 0.00 | 34.00 -2.52 0.00 | 33.51 -2.45 0.00 | 33.84 -2.35 0.00 | 35.00 -2.27 0.00 | 40.00 -1.84 0.00 | 49.56 -3.22 0.00 | 53.95 -4.12 0.00 | 44.25 -3.08 0.00 | 37.91 -3.07 0.00 | 36.77 -2.18 0.00 | 35.37 -2.62 0.00 | 34.21 -2.65 0.00 | 33.72 -3.01 0.00 | 33.90 -2.91 0.00 | 35.23 -3.78 0.00 | 39.87 -4.93 0.00 | 48.44 -6.99 0.00 | 51.92 -7.49 0.00 | 44.46 -6.71 0.04 | 42.77 -6.56 0.00 | 39.63 -5.30 0.00 | 36.54 -4.56 0.00 | 36.04 -4.00 0.00 |
| OLIN_CORP_DRP 24177 | 35.51 -3.34 0.00 | 33.52 -2.99 0.00 | 33.18 -2.77 0.00 | 33.51 -2.68 0.00 | 34.70 -2.57 0.00 | 39.25 -2.59 0.00 | 49.04 -3.75 0.00 | 53.48 -4.59 0.00 | 43.82 -3.50 0.00 | 37.58 -3.40 0.00 | 35.72 -3.23 0.00 | 34.80 -3.19 0.00 | 33.88 -2.99 0.00 | 33.39 -3.34 0.00 | 33.46 -3.35 0.00 | 34.88 -4.14 0.00 | 39.42 -5.38 0.00 | 47.89 -7.54 0.00 | 51.26 -8.14 0.00 | 43.83 -7.32 0.04 | 42.28 -7.05 0.00 | 39.09 -5.84 0.00 | 35.85 -5.26 0.00 | 35.72 -4.32 0.00 |
| OLIN_CORP_DSASP 323712 | 35.67 -3.19 0.00 | 33.86 -2.66 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.87 -1.97 0.00 | 49.30 -3.49 0.00 | 53.65 -4.42 0.00 | 44.01 -3.31 0.00 | 37.70 -3.28 0.00 | 36.62 -2.34 0.00 | 35.22 -2.77 0.00 | 34.03 -2.84 0.00 | 33.54 -3.20 0.00 | 33.72 -3.09 0.00 | 35.00 -4.02 0.00 | 39.56 -5.24 0.00 | 47.95 -7.48 0.00 | 51.38 -8.02 0.00 | 43.99 -7.17 0.04 | 42.38 -6.95 0.00 | 39.32 -5.62 0.00 | 36.26 -4.85 0.00 | 35.79 -4.25 0.00 |
| ONEIDA_HERK_LFGE 323681 | 39.59 0.74 0.00 | 37.14 0.62 0.00 | 36.60 0.65 0.00 | 36.88 0.69 0.00 | 38.02 0.75 0.00 | 42.84 1.00 0.00 | 54.21 1.43 0.00 | 59.81 1.74 0.00 | 48.55 1.23 0.00 | 42.17 1.19 0.00 | 39.97 1.01 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.73 0.99 0.00 | 37.76 0.96 0.00 | 40.14 1.13 0.00 | 46.14 1.34 0.00 | 57.42 1.99 0.00 | 61.25 1.84 0.00 | 52.43 1.23 0.00 | 50.41 1.08 0.00 | 45.88 0.95 0.00 | 41.97 0.86 0.00 | 40.80 0.76 0.00 |
| ONEIDA___115KV_TB4 55905 | 39.78 0.93 0.00 | 37.32 0.80 0.00 | 36.82 0.86 0.00 | 37.10 0.90 0.00 | 38.28 1.01 0.00 | 43.14 1.30 0.00 | 54.58 1.79 0.00 | 60.10 2.03 0.00 | 48.84 1.51 0.00 | 42.21 1.23 0.00 | 40.05 1.09 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.69 0.96 0.00 | 37.77 0.96 0.00 | 40.07 1.05 0.00 | 45.97 1.16 0.00 | 57.09 1.66 0.00 | 61.12 1.72 0.00 | 52.48 1.28 0.00 | 50.46 1.13 0.00 | 45.92 0.99 0.00 | 41.97 0.86 0.00 | 40.88 0.84 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 38.39 -0.47 0.00 | 36.08 -0.44 0.00 | 35.56 -0.40 0.00 | 35.83 -0.36 0.00 | 36.94 -0.34 0.00 | 41.55 -0.29 0.00 | 52.52 -0.26 0.00 | 57.72 -0.35 0.00 | 47.14 -0.19 0.00 | 40.66 -0.33 0.00 | 38.68 -0.27 0.00 | 37.68 -0.30 0.00 | 36.57 -0.29 0.00 | 36.37 -0.37 0.00 | 36.44 -0.37 0.00 | 38.58 -0.43 0.00 | 44.22 -0.58 0.00 | 54.60 -0.83 0.00 | 58.57 -0.83 0.00 | 50.48 -0.72 0.00 | 48.49 -0.84 0.00 | 44.26 -0.67 0.00 | 40.45 -0.66 0.00 | 39.44 -0.60 0.00 |
| ONONDAGA___COGEN 23986 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |
| ONTARIO___LFGE 23819 | 38.58 -0.27 0.00 | 36.30 -0.22 0.00 | 35.74 -0.21 0.00 | 36.05 -0.14 0.00 | 37.28 0.00 0.00 | 42.34 0.50 0.00 | 53.37 0.58 0.00 | 58.24 0.17 0.00 | 47.66 0.33 0.00 | 40.82 -0.16 0.00 | 39.07 0.12 0.00 | 37.87 -0.11 0.00 | 36.64 -0.22 0.00 | 36.37 -0.37 0.00 | 36.55 -0.26 0.00 | 38.58 -0.43 0.00 | 44.13 -0.67 0.00 | 54.32 -1.11 0.00 | 58.33 -1.07 0.00 | 50.41 -0.82 -0.03 | 48.05 -1.28 0.00 | 44.08 -0.86 0.00 | 40.20 -0.90 0.00 | 39.28 -0.76 0.00 |
| ORANGEVILLE_WT_PWR 323706 | 36.75 -2.10 0.00 | 34.73 -1.79 0.00 | 34.12 -1.83 0.00 | 34.45 -1.74 0.00 | 35.82 -1.45 0.00 | 41.00 -0.84 0.00 | 51.25 -1.53 0.00 | 55.98 -2.09 0.00 | 45.91 -1.42 0.00 | 39.26 -1.72 0.00 | 37.82 -1.13 0.00 | 36.54 -1.44 0.00 | 35.35 -1.51 0.00 | 34.97 -1.76 0.00 | 35.12 -1.69 0.00 | 36.71 -2.30 0.00 | 41.49 -3.31 0.00 | 50.50 -4.93 0.00 | 54.00 -5.41 0.00 | 46.05 -4.97 0.18 | 43.95 -5.38 0.00 | 40.58 -4.36 0.00 | 37.29 -3.82 0.00 | 36.68 -3.36 0.00 |
| ORANGEVILLE___ESR 323794 | 36.75 -2.10 0.00 | 34.73 -1.79 0.00 | 34.12 -1.83 0.00 | 34.45 -1.74 0.00 | 35.82 -1.45 0.00 | 41.00 -0.84 0.00 | 51.25 -1.53 0.00 | 55.98 -2.09 0.00 | 45.91 -1.42 0.00 | 39.26 -1.72 0.00 | 37.82 -1.13 0.00 | 36.54 -1.44 0.00 | 35.35 -1.51 0.00 | 34.97 -1.76 0.00 | 35.12 -1.69 0.00 | 36.71 -2.30 0.00 | 41.49 -3.31 0.00 | 50.50 -4.93 0.00 | 54.00 -5.41 0.00 | 46.05 -4.97 0.18 | 43.95 -5.38 0.00 | 40.58 -4.36 0.00 | 37.29 -3.82 0.00 | 36.68 -3.36 0.00 |
| OSWEGATCHIE___HYD 24044 | 39.20 0.35 0.00 | 36.81 0.29 0.00 | 36.28 0.32 0.00 | 36.55 0.36 0.00 | 37.65 0.37 0.00 | 42.38 0.54 0.00 | 53.47 0.68 0.00 | 59.00 0.93 0.00 | 47.80 0.47 0.00 | 41.60 0.62 0.00 | 39.62 0.66 0.00 | 38.71 0.72 0.00 | 37.53 0.66 0.00 | 37.47 0.73 0.00 | 37.58 0.77 0.00 | 40.07 1.05 0.00 | 46.05 1.25 0.00 | 57.20 1.77 0.00 | 60.71 1.31 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.48 0.54 0.00 | 41.64 0.53 0.00 | 40.64 0.60 0.00 |
| OSWEGO___5 23606 | 37.69 -1.16 0.00 | 35.46 -1.06 0.00 | 34.91 -1.04 0.00 | 35.18 -1.01 0.00 | 36.23 -1.04 0.00 | 40.75 -1.09 0.00 | 51.36 -1.42 0.00 | 56.44 -1.63 0.00 | 46.05 -1.28 0.00 | 39.75 -1.23 0.00 | 37.90 -1.05 0.00 | 36.89 -1.10 0.00 | 35.79 -1.07 0.00 | 35.63 -1.10 0.00 | 35.71 -1.10 0.00 | 37.76 -1.25 0.00 | 43.28 -1.52 0.00 | 53.49 -1.94 0.00 | 57.38 -2.02 0.00 | 49.41 -1.79 0.00 | 47.56 -1.77 0.00 | 43.41 -1.53 0.00 | 39.71 -1.40 0.00 | 38.72 -1.32 0.00 |

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| OSWEGO___6 23613 | 37.69 -1.16 0.00 | 35.46 -1.06 0.00 | 34.91 -1.04 0.00 | 35.18 -1.01 0.00 | 36.23 -1.04 0.00 | 40.75 -1.09 0.00 | 51.36 -1.42 0.00 | 56.44 -1.63 0.00 | 46.05 -1.28 0.00 | 39.75 -1.23 0.00 | 37.90 -1.05 0.00 | 36.89 -1.10 0.00 | 35.79 -1.07 0.00 | 35.63 -1.10 0.00 | 35.71 -1.10 0.00 | 37.76 -1.25 0.00 | 43.28 -1.52 0.00 | 53.49 -1.94 0.00 | 57.38 -2.02 0.00 | 49.41 -1.79 0.00 | 47.56 -1.77 0.00 | 43.41 -1.53 0.00 | 39.71 -1.40 0.00 | 38.72 -1.32 0.00 |
| OUTOKUMPU-AB___DRP 24206 | 36.48 -2.37 0.00 | 34.44 -2.08 0.00 | 34.05 -1.91 0.00 | 34.38 -1.81 0.00 | 35.63 -1.64 0.00 | 40.42 -1.42 0.00 | 50.51 -2.27 0.00 | 55.17 -2.90 0.00 | 45.20 -2.13 0.00 | 38.73 -2.25 0.00 | 36.81 -2.14 0.00 | 35.86 -2.13 0.00 | 34.91 -1.95 0.00 | 34.42 -2.31 0.00 | 34.49 -2.32 0.00 | 35.93 -3.08 0.00 | 40.63 -4.17 0.00 | 49.44 -5.99 0.00 | 52.87 -6.53 0.00 | 45.27 -5.89 0.05 | 43.56 -5.77 0.00 | 40.22 -4.72 0.00 | 36.87 -4.23 0.00 | 36.68 -3.36 0.00 |
| OXBOW___BTM 323836 | 36.02 -2.83 0.00 | 34.15 -2.37 0.00 | 33.65 -2.30 0.00 | 33.98 -2.21 0.00 | 35.19 -2.09 0.00 | 40.29 -1.55 0.00 | 49.88 -2.90 0.00 | 54.35 -3.72 0.00 | 44.58 -2.75 0.00 | 38.16 -2.83 0.00 | 37.01 -1.95 0.00 | 35.63 -2.36 0.00 | 34.43 -2.43 0.00 | 33.94 -2.79 0.00 | 34.12 -2.69 0.00 | 35.42 -3.59 0.00 | 40.05 -4.75 0.00 | 48.61 -6.82 0.00 | 52.09 -7.31 0.00 | 44.55 -6.60 0.04 | 42.87 -6.46 0.00 | 39.77 -5.17 0.00 | 36.67 -4.44 0.00 | 36.16 -3.88 0.00 |
| OXBOW____ 24026 | 36.02 -2.84 0.00 | 34.00 -2.52 0.00 | 33.65 -2.30 0.00 | 33.98 -2.21 0.00 | 35.19 -2.09 0.00 | 39.87 -1.97 0.00 | 49.83 -2.96 0.00 | 54.30 -3.77 0.00 | 44.53 -2.79 0.00 | 38.16 -2.83 0.00 | 36.27 -2.69 0.00 | 35.37 -2.62 0.00 | 34.43 -2.43 0.00 | 33.94 -2.79 0.00 | 34.01 -2.80 0.00 | 35.42 -3.59 0.00 | 40.05 -4.75 0.00 | 48.67 -6.76 0.00 | 52.10 -7.31 0.00 | 44.55 -6.60 0.04 | 42.97 -6.36 0.00 | 39.68 -5.26 0.00 | 36.38 -4.73 0.00 | 36.24 -3.80 0.00 |
| OXY_CHEM_DSASP 323612 | 35.67 -3.19 0.00 | 33.71 -2.81 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.41 -2.43 0.00 | 49.19 -3.59 0.00 | 53.60 -4.47 0.00 | 43.97 -3.36 0.00 | 37.70 -3.28 0.00 | 35.88 -3.08 0.00 | 34.95 -3.04 0.00 | 34.02 -2.84 0.00 | 33.54 -3.20 0.00 | 33.61 -3.20 0.00 | 34.99 -4.02 0.00 | 39.56 -5.24 0.00 | 48.00 -7.43 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.04 | 42.47 -6.86 0.00 | 39.27 -5.66 0.00 | 36.01 -5.10 0.00 | 35.88 -4.16 0.00 |
| OZONE_PARK_ESR 323760 | 41.22 2.37 0.00 | 38.64 2.12 0.00 | 37.97 2.01 0.00 | 38.18 1.99 0.00 | 39.25 1.98 0.00 | 43.76 1.92 0.00 | 55.48 2.69 0.00 | 61.09 3.02 0.00 | 49.88 2.56 0.00 | 43.44 2.46 0.00 | 41.18 2.22 0.00 | 40.23 2.24 0.00 | 39.00 2.14 0.00 | 38.90 2.17 0.00 | 39.02 2.21 0.00 | 41.31 2.30 0.00 | 47.62 2.82 0.00 | 58.76 3.33 0.00 | 63.03 3.62 0.00 | 54.84 3.64 0.00 | 52.83 3.50 0.00 | 48.04 3.10 0.00 | 43.99 2.88 0.00 | 42.60 2.56 0.00 |
| PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013 | 35.67 -3.19 0.00 | 33.71 -2.81 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.41 -2.43 0.00 | 49.19 -3.59 0.00 | 53.60 -4.47 0.00 | 43.97 -3.36 0.00 | 37.70 -3.28 0.00 | 35.88 -3.08 0.00 | 34.95 -3.04 0.00 | 34.02 -2.84 0.00 | 33.54 -3.20 0.00 | 33.61 -3.20 0.00 | 34.99 -4.02 0.00 | 39.56 -5.24 0.00 | 48.00 -7.43 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.04 | 42.47 -6.86 0.00 | 39.27 -5.66 0.00 | 36.01 -5.10 0.00 | 35.88 -4.16 0.00 |
| PACKARD__I15KV_DUPONT_I84 80571 | 35.67 -3.19 0.00 | 33.71 -2.81 0.00 | 33.36 -2.59 0.00 | 33.69 -2.50 0.00 | 34.85 -2.42 0.00 | 39.41 -2.43 0.00 | 49.19 -3.59 0.00 | 53.60 -4.47 0.00 | 43.97 -3.36 0.00 | 37.70 -3.28 0.00 | 35.88 -3.08 0.00 | 34.95 -3.04 0.00 | 34.02 -2.84 0.00 | 33.54 -3.20 0.00 | 33.61 -3.20 0.00 | 34.99 -4.02 0.00 | 39.56 -5.24 0.00 | 48.00 -7.43 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.04 | 42.47 -6.86 0.00 | 39.27 -5.66 0.00 | 36.01 -5.10 0.00 | 35.88 -4.16 0.00 |
| PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007 | 41.15 2.29 -0.01 | 38.50 1.97 -0.01 | 37.87 1.91 -0.01 | 38.12 1.92 -0.01 | 39.18 1.90 -0.01 | 43.81 1.97 0.00 | 55.37 2.59 0.00 | 60.57 2.50 0.00 | 49.41 2.08 0.00 | 43.11 2.13 0.00 | 40.90 1.95 0.00 | 39.96 1.98 0.00 | 38.79 1.92 -0.01 | 38.69 1.95 -0.01 | 38.80 1.99 -0.01 | 41.04 2.03 0.00 | 47.31 2.51 0.00 | 58.20 2.77 0.00 | 62.31 2.91 0.00 | 54.32 3.12 0.00 | 52.39 3.06 0.00 | 47.90 2.97 0.00 | 43.83 2.71 -0.01 | 42.53 2.48 -0.01 |
| PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019 | 41.39 2.53 -0.01 | 38.72 2.19 -0.01 | 38.12 2.16 -0.01 | 38.37 2.17 -0.01 | 39.44 2.16 -0.01 | 44.10 2.26 0.00 | 55.74 2.96 0.00 | 60.97 2.90 0.00 | 49.69 2.37 0.00 | 43.32 2.34 0.00 | 41.06 2.10 0.00 | 40.12 2.13 0.00 | 38.97 2.10 -0.01 | 38.87 2.13 -0.01 | 38.99 2.17 -0.01 | 41.24 2.22 0.00 | 47.53 2.73 0.00 | 58.53 3.10 0.00 | 62.61 3.21 0.00 | 54.58 3.38 0.00 | 52.63 3.31 0.00 | 48.13 3.19 0.00 | 44.08 2.96 -0.01 | 42.73 2.68 -0.01 |
| PATROON__I15KV_TB1 80586 | 39.90 1.05 0.00 | 37.51 0.99 0.00 | 36.89 0.93 0.00 | 37.13 0.94 0.00 | 38.21 0.93 0.00 | 42.72 0.88 0.00 | 53.89 1.11 0.00 | 59.17 1.10 0.00 | 48.23 0.90 0.00 | 41.76 0.78 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.60 0.59 0.00 | 45.34 0.54 0.00 | 56.15 0.72 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.41 1.09 0.00 | 45.79 0.85 0.00 | 42.14 1.03 0.00 | 41.00 0.96 0.00 |
| PATTRSNVILLE__SOLAR 323815 | 40.45 1.59 0.00 | 37.98 1.46 0.00 | 37.35 1.40 0.00 | 37.60 1.41 0.00 | 38.77 1.49 0.00 | 43.43 1.59 0.00 | 54.90 2.11 0.00 | 60.28 2.21 0.00 | 48.94 1.61 0.00 | 42.21 1.23 0.00 | 39.93 0.97 0.00 | 38.90 0.91 0.00 | 37.67 0.81 0.00 | 37.65 0.92 0.00 | 37.76 0.96 0.00 | 40.18 1.17 0.00 | 46.41 1.61 0.00 | 57.54 2.11 0.00 | 61.78 2.38 0.00 | 53.35 2.15 0.00 | 51.55 2.22 0.00 | 46.87 1.93 0.00 | 42.91 1.81 0.00 | 41.76 1.72 0.00 |
| PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030 | 37.45 -1.40 0.00 | 35.31 -1.21 0.00 | 34.91 -1.04 0.00 | 35.25 -0.94 0.00 | 36.57 -0.71 0.00 | 41.51 -0.33 0.00 | 52.10 -0.69 0.00 | 56.91 -1.16 0.00 | 46.66 -0.66 0.00 | 40.00 -0.98 0.00 | 37.98 -0.97 0.00 | 37.00 -0.99 0.00 | 35.94 -0.92 0.00 | 35.52 -1.21 0.00 | 35.56 -1.25 0.00 | 37.18 -1.83 0.00 | 42.07 -2.73 0.00 | 51.27 -4.16 0.00 | 54.83 -4.57 0.00 | 47.57 -3.58 0.05 | 44.99 -4.34 0.00 | 41.52 -3.42 0.00 | 38.07 -3.04 0.00 | 37.72 -2.32 0.00 |
| PAWLING_I15_KV_BK3_REV_LBMP_H 345028 | 41.03 2.18 0.00 | 38.45 1.94 0.00 | 37.82 1.87 0.00 | 38.07 1.88 0.00 | 39.21 1.94 0.00 | 43.76 1.92 0.00 | 55.37 2.59 0.00 | 61.09 3.02 0.00 | 49.74 2.41 0.00 | 43.03 2.05 0.00 | 40.71 1.75 0.00 | 39.74 1.75 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.58 1.77 0.00 | 40.92 1.91 0.00 | 47.35 2.55 0.00 | 58.48 3.05 0.00 | 62.79 3.39 0.00 | 54.58 3.38 0.00 | 52.54 3.21 0.00 | 47.77 2.83 0.00 | 43.78 2.67 0.00 | 42.36 2.32 0.00 |
| PEEKSKILL____ 23653 | 40.64 1.79 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.18 1.34 0.00 | 54.68 1.90 0.00 | 60.28 2.21 0.00 | 49.17 1.84 0.00 | 42.74 1.76 0.00 | 40.40 1.44 0.00 | 39.51 1.52 0.00 | 38.34 1.48 0.00 | 38.24 1.51 0.00 | 38.35 1.55 0.00 | 40.65 1.64 0.00 | 46.82 2.02 0.00 | 57.76 2.33 0.00 | 61.95 2.55 0.00 | 53.86 2.66 0.00 | 51.94 2.61 0.00 | 47.23 2.29 0.00 | 43.16 2.05 0.00 | 41.92 1.88 0.00 |

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| PGE MADISON___WINDPWR 24146 | 41.77 2.92 0.00 | 39.07 2.56 0.00 | 38.43 2.48 0.00 | 38.76 2.57 0.00 | 39.92 2.65 0.00 | 45.36 3.52 0.00 | 57.43 4.65 0.00 | 63.00 4.93 0.00 | 51.02 3.69 0.00 | 44.02 3.03 0.00 | 41.76 2.81 0.00 | 40.53 2.55 0.00 | 39.30 2.43 0.00 | 39.09 2.35 0.00 | 39.24 2.43 0.00 | 41.98 2.96 0.00 | 48.43 3.63 0.00 | 60.92 5.49 0.00 | 65.52 6.12 0.00 | 55.87 4.66 -0.01 | 53.42 4.09 0.00 | 48.57 3.64 0.00 | 44.07 2.96 0.00 | 42.72 2.68 0.00 |
| PIERCEFIELD___HYD 23852 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.43 0.59 0.00 | 53.31 0.53 0.00 | 58.59 0.52 0.00 | 47.47 0.14 0.00 | 41.27 0.29 0.00 | 39.50 0.55 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.58 0.77 0.00 | 40.11 1.09 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.47 1.07 0.00 | 51.51 0.31 0.00 | 49.82 0.49 0.00 | 45.56 0.63 0.00 | 41.77 0.66 0.00 | 40.84 0.80 0.00 |
| PINELAWN_CC_1 323563 | 49.44 2.80 -7.79 | 44.37 2.48 -5.36 | 39.11 2.45 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 47.26 2.47 -2.95 | 58.27 3.33 -2.16 | 61.79 3.72 0.00 | 50.26 2.94 0.00 | 43.48 2.50 0.00 | 40.94 1.99 0.00 | 40.08 2.09 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.79 1.99 0.00 | 41.43 2.42 0.00 | 47.94 3.14 0.00 | 58.81 3.38 0.00 | 63.09 3.68 0.00 | 55.04 3.84 0.00 | 52.98 3.65 0.00 | 50.16 3.51 -1.71 | 48.70 3.12 -4.47 | 47.41 2.92 -4.45 |
| PJM_GEN_HTP_PROXY 323702 | 40.87 2.02 0.00 | 38.24 1.72 0.00 | 37.64 1.69 0.00 | 37.86 1.67 0.00 | 38.95 1.68 0.00 | 43.34 1.50 0.00 | 55.00 2.22 0.00 | 60.69 2.62 0.00 | 49.50 2.18 0.00 | 43.07 2.09 0.00 | 40.75 1.79 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.68 1.88 0.00 | 41.00 1.99 0.00 | 47.17 2.37 0.00 | 58.20 2.77 0.00 | 62.43 3.03 0.00 | 54.32 3.12 0.00 | 52.34 3.01 0.00 | 47.59 2.65 0.00 | 43.45 2.34 0.00 | 42.20 2.16 0.00 |
| PJM_GEN_KEystone 24065 | 38.74 -0.12 0.00 | 36.45 -0.07 0.00 | 35.88 -0.07 0.00 | 36.12 -0.07 0.00 | 37.28 0.00 0.00 | 41.92 0.08 0.00 | 52.73 -0.05 0.00 | 57.84 -0.23 0.00 | 47.33 0.00 0.00 | 40.90 -0.08 0.00 | 38.95 0.00 0.00 | 37.87 -0.11 0.00 | 36.72 -0.15 0.00 | 36.48 -0.26 0.00 | 36.59 -0.22 0.00 | 38.58 -0.43 0.00 | 44.13 -0.67 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.42 -0.77 0.01 | 48.34 -0.99 0.00 | 44.21 -0.72 0.00 | 40.53 -0.58 0.00 | 39.60 -0.44 0.00 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 45.41 2.37 -4.19 | 41.48 2.08 -2.88 | 38.38 2.05 -0.38 | 38.22 2.03 0.00 | 39.29 2.01 0.00 | 45.39 1.97 -1.59 | 56.63 2.69 -1.16 | 61.09 3.02 0.00 | 49.74 2.41 0.00 | 43.11 2.13 0.00 | 40.67 1.71 0.00 | 39.81 1.82 0.00 | 38.52 1.66 0.00 | 38.43 1.69 0.00 | 38.58 1.77 0.00 | 41.08 2.07 0.00 | 47.49 2.69 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.48 3.28 0.00 | 52.49 3.16 0.00 | 48.87 3.01 -0.92 | 46.18 2.67 -2.40 | 44.92 2.48 -2.39 |
| PJM_GEN_VFT_PROXY 323633 | 40.68 1.83 0.00 | 38.05 1.53 0.00 | 37.46 1.51 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 42.59 1.30 0.55 | 54.68 1.90 0.00 | 60.33 2.26 0.00 | 49.22 1.90 0.00 | 42.87 1.89 0.00 | 40.55 1.60 0.00 | 39.66 1.67 0.00 | 38.48 1.62 0.00 | 38.39 1.65 0.00 | 38.50 1.69 0.00 | 40.81 1.80 0.00 | 45.85 2.15 1.10 | 57.86 2.44 0.01 | 62.01 2.61 0.00 | 54.07 2.87 0.00 | 52.14 2.81 0.00 | 47.36 2.42 0.00 | 43.20 2.10 0.00 | 42.00 1.96 0.00 |
| PLATSBURG_115KV_PMLD1 355749 | 38.70 -0.16 0.00 | 36.34 -0.18 0.00 | 35.70 -0.25 0.00 | 35.68 -0.51 0.00 | 36.72 -0.56 0.00 | 41.51 -0.33 0.00 | 51.89 -0.90 0.00 | 57.61 -0.46 0.00 | 46.99 -0.33 0.00 | 40.86 -0.12 0.00 | 38.99 0.04 0.00 | 38.10 0.11 0.00 | 37.12 0.26 0.00 | 37.18 0.44 0.00 | 37.51 0.70 0.00 | 40.30 1.29 0.00 | 46.73 1.93 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 53.04 1.84 0.00 | 50.81 1.48 0.00 | 46.01 1.08 0.00 | 41.48 0.37 0.00 | 40.72 0.68 0.00 |
| PLEASANTVLY___LBMP 24000 | 40.48 1.63 0.00 | 37.98 1.46 0.00 | 37.35 1.40 0.00 | 37.57 1.38 0.00 | 38.65 1.38 0.00 | 43.14 1.30 0.00 | 54.53 1.74 0.00 | 59.99 1.92 0.00 | 48.94 1.61 0.00 | 42.58 1.60 0.00 | 40.40 1.44 0.00 | 39.39 1.41 0.00 | 38.19 1.33 0.00 | 38.13 1.40 0.00 | 38.21 1.40 0.00 | 40.46 1.44 0.00 | 46.59 1.79 0.00 | 57.54 2.11 0.00 | 61.66 2.26 0.00 | 53.61 2.41 0.00 | 51.70 2.37 0.00 | 47.00 2.07 0.00 | 43.12 2.01 0.00 | 41.84 1.80 0.00 |
| PLSNTVLE_13_KV_13.8KVDIST 80602 | 40.83 1.98 0.00 | 38.20 1.68 0.00 | 37.57 1.62 0.00 | 37.78 1.59 0.00 | 38.88 1.60 0.00 | 43.35 1.51 0.00 | 54.84 2.06 0.00 | 60.39 2.32 0.00 | 49.31 1.99 0.00 | 42.87 1.89 0.00 | 40.63 1.68 0.00 | 39.66 1.67 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.46 1.66 0.00 | 40.77 1.76 0.00 | 47.00 2.20 0.00 | 57.98 2.55 0.00 | 62.19 2.79 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.54 2.61 0.00 | 43.45 2.34 0.00 | 42.12 2.08 0.00 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 40.83 1.98 0.00 | 38.20 1.68 0.00 | 37.57 1.62 0.00 | 37.78 1.59 0.00 | 38.88 1.60 0.00 | 43.35 1.51 0.00 | 54.84 2.06 0.00 | 60.39 2.32 0.00 | 49.31 1.99 0.00 | 42.87 1.89 0.00 | 40.63 1.68 0.00 | 39.66 1.67 0.00 | 38.45 1.59 0.00 | 38.35 1.62 0.00 | 38.46 1.66 0.00 | 40.77 1.76 0.00 | 47.00 2.20 0.00 | 57.98 2.55 0.00 | 62.19 2.79 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.54 2.61 0.00 | 43.45 2.34 0.00 | 42.12 2.08 0.00 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 40.83 1.98 0.00 | 38.31 1.79 0.00 | 37.68 1.73 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.60 1.76 0.00 | 55.21 2.43 0.00 | 60.74 2.67 0.00 | 49.46 2.13 0.00 | 42.87 1.89 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.34 1.47 0.00 | 38.28 1.54 0.00 | 38.39 1.58 0.00 | 40.77 1.76 0.00 | 47.04 2.24 0.00 | 58.20 2.77 0.00 | 62.49 3.09 0.00 | 54.27 3.07 0.00 | 52.34 3.01 0.00 | 47.50 2.56 0.00 | 43.53 2.43 0.00 | 42.20 2.16 0.00 |
| POLETTI___ 23519 | 40.91 2.06 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 38.99 1.71 0.00 | 43.39 1.55 0.00 | 54.89 2.11 0.00 | 60.45 2.38 0.00 | 49.36 2.04 0.00 | 43.03 2.05 0.00 | 40.79 1.83 0.00 | 39.85 1.86 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.69 1.88 0.00 | 40.92 1.91 0.00 | 47.13 2.33 0.00 | 58.09 2.66 0.00 | 62.31 2.91 0.00 | 54.22 3.02 0.00 | 52.24 2.91 0.00 | 47.59 2.65 0.00 | 43.57 2.47 0.00 | 42.28 2.24 0.00 |
| POMONA___ESR 323819 | 40.60 1.75 0.00 | 38.02 1.50 0.00 | 37.43 1.47 0.00 | 37.64 1.45 0.00 | 38.73 1.45 0.00 | 43.14 1.30 0.00 | 54.58 1.80 0.00 | 60.16 2.09 0.00 | 49.08 1.75 0.00 | 42.70 1.72 0.00 | 40.40 1.44 0.00 | 39.47 1.48 0.00 | 38.30 1.44 0.00 | 38.21 1.47 0.00 | 38.32 1.51 0.00 | 40.65 1.64 0.00 | 46.73 1.93 0.00 | 57.65 2.22 0.00 | 61.84 2.44 0.00 | 53.76 2.56 0.00 | 51.84 2.51 0.00 | 47.14 2.20 0.00 | 43.12 2.01 0.00 | 41.88 1.84 0.00 |
| PORT_JEFF_3 23555 | 49.59 2.95 -7.79 | 44.51 2.63 -5.36 | 39.29 2.62 -0.71 | 38.83 2.64 0.00 | 39.92 2.65 0.00 | 47.39 2.60 -2.95 | 58.42 3.48 -2.16 | 61.96 3.89 0.00 | 50.40 3.07 0.00 | 43.48 2.50 0.00 | 40.90 1.95 0.00 | 40.04 2.05 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.35 2.34 0.00 | 47.80 3.00 0.00 | 58.59 3.16 0.00 | 62.85 3.44 0.00 | 54.84 3.64 0.00 | 52.78 3.45 0.00 | 50.06 3.41 -1.71 | 48.57 3.00 -4.47 | 47.29 2.80 -4.45 |

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| PORT_JEFF_4 23616 | 49.59 2.95 -7.79 | 44.51 2.63 -5.36 | 39.29 2.62 -0.71 | 38.83 2.64 0.00 | 39.92 2.65 0.00 | 47.39 2.60 -2.95 | 58.42 3.48 -2.16 | 61.96 3.89 0.00 | 50.40 3.07 0.00 | 43.48 2.50 0.00 | 40.90 1.95 0.00 | 40.04 2.05 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.35 2.34 0.00 | 47.80 3.00 0.00 | 58.59 3.16 0.00 | 62.85 3.44 0.00 | 54.84 3.64 0.00 | 52.78 3.45 0.00 | 50.06 3.41 -1.71 | 48.57 3.00 -4.47 | 47.29 2.80 -4.45 |
| PORT_JEFF_IC 23713 | 49.63 2.99 -7.79 | 44.55 2.67 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.92 2.65 0.00 | 47.43 2.64 -2.95 | 58.37 3.43 -2.16 | 61.55 3.48 0.00 | 50.07 2.74 0.00 | 43.48 2.50 0.00 | 40.98 2.03 0.00 | 40.08 2.09 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.69 1.88 0.00 | 41.31 2.30 0.00 | 47.57 3.00 0.23 | 57.73 3.05 0.75 | 62.06 3.56 0.91 | 53.93 3.48 0.76 | 52.35 3.45 0.44 | 49.46 3.37 -1.15 | 48.01 3.08 -3.82 | 46.54 2.80 -3.70 |
| PPL PILGRIM_ST_GT1 24216 | 49.59 2.95 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.88 2.61 0.00 | 47.43 2.64 -2.95 | 58.42 3.48 -2.16 | 61.96 3.89 0.00 | 50.45 3.12 0.00 | 43.61 2.63 0.00 | 41.02 2.06 0.00 | 40.15 2.16 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.87 2.06 0.00 | 41.51 2.50 0.00 | 48.03 3.23 0.00 | 58.76 3.33 0.00 | 63.09 3.68 0.00 | 55.04 3.84 0.00 | 52.98 3.65 0.00 | 50.25 3.60 -1.71 | 48.78 3.21 -4.47 | 47.49 3.00 -4.45 |
| PPL PILGRIM_ST_GT2 24217 | 49.59 2.95 -7.79 | 44.55 2.66 -5.36 | 39.32 2.66 -0.71 | 38.83 2.64 0.00 | 39.88 2.61 0.00 | 47.43 2.64 -2.95 | 58.42 3.48 -2.16 | 61.96 3.89 0.00 | 50.45 3.12 0.00 | 43.61 2.63 0.00 | 41.02 2.06 0.00 | 40.15 2.16 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.87 2.06 0.00 | 41.51 2.50 0.00 | 48.03 3.23 0.00 | 58.76 3.33 0.00 | 63.09 3.68 0.00 | 55.04 3.84 0.00 | 52.98 3.65 0.00 | 50.25 3.60 -1.71 | 48.78 3.21 -4.47 | 47.49 3.00 -4.45 |
| PPL_SHRM_GT3 24213 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.11 2.45 -0.71 | 38.65 2.46 0.00 | 39.73 2.46 0.00 | 46.88 2.09 -2.95 | 57.90 2.95 -2.16 | 61.32 3.25 0.00 | 49.97 2.65 0.00 | 42.91 1.93 0.00 | 40.09 1.13 0.00 | 39.47 1.48 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.80 0.99 0.00 | 40.42 1.40 0.00 | 44.42 1.66 2.04 | 50.39 1.50 6.54 | 53.09 1.66 7.97 | 46.66 2.10 6.64 | 47.43 1.92 3.82 | 43.74 2.02 3.22 | 41.65 1.73 1.19 | 39.48 1.56 2.12 |
| PPL_SHRM_GT4 24214 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.11 2.45 -0.71 | 38.65 2.46 0.00 | 39.73 2.46 0.00 | 46.88 2.09 -2.95 | 57.90 2.95 -2.16 | 61.32 3.25 0.00 | 49.97 2.65 0.00 | 42.91 1.93 0.00 | 40.09 1.13 0.00 | 39.47 1.48 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.80 0.99 0.00 | 40.42 1.40 0.00 | 44.42 1.66 2.04 | 50.39 1.50 6.54 | 53.09 1.66 7.97 | 46.66 2.10 6.64 | 47.43 1.92 3.82 | 43.74 2.02 3.22 | 41.65 1.73 1.19 | 39.48 1.56 2.12 |
| PROJECT___ORANGE 1 24174 | 38.19 -0.66 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.34 -0.50 0.00 | 52.20 -0.58 0.00 | 57.37 -0.70 0.00 | 46.95 -0.38 0.00 | 40.49 -0.49 0.00 | 38.53 -0.43 0.00 | 37.53 -0.46 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.29 -0.52 0.00 | 38.39 -0.62 0.00 | 43.99 -0.81 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.12 -1.08 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| PROJECT___ORANGE 2 24166 | 38.19 -0.66 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.34 -0.50 0.00 | 52.20 -0.58 0.00 | 57.37 -0.70 0.00 | 46.95 -0.38 0.00 | 40.49 -0.49 0.00 | 38.53 -0.43 0.00 | 37.53 -0.46 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.29 -0.52 0.00 | 38.39 -0.62 0.00 | 43.99 -0.81 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.12 -1.08 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| PUCKETT___SOLAR 323809 | 39.55 0.70 0.00 | 37.18 0.66 0.00 | 36.60 0.65 0.00 | 36.88 0.69 0.00 | 38.06 0.78 0.00 | 42.97 1.13 0.00 | 54.26 1.48 0.00 | 59.52 1.45 0.00 | 48.46 1.13 0.00 | 41.72 0.74 0.00 | 39.69 0.74 0.00 | 38.52 0.53 0.00 | 37.34 0.48 0.00 | 37.10 0.37 0.00 | 37.21 0.41 0.00 | 39.48 0.47 0.00 | 45.34 0.54 0.00 | 56.26 0.83 0.00 | 60.35 0.95 0.00 | 52.02 0.82 0.00 | 49.82 0.49 0.00 | 45.52 0.58 0.00 | 41.56 0.45 0.00 | 40.56 0.52 0.00 |
| PYRITES___HYD 24023 | 39.98 1.13 0.00 | 37.61 1.10 0.00 | 37.07 1.11 0.00 | 37.31 1.12 0.00 | 38.43 1.16 0.00 | 43.30 1.46 0.00 | 54.53 1.74 0.00 | 59.99 1.92 0.00 | 48.46 1.14 0.00 | 42.01 1.02 0.00 | 40.08 1.13 0.00 | 39.17 1.18 0.00 | 38.04 1.18 0.00 | 37.95 1.21 0.00 | 38.06 1.25 0.00 | 40.69 1.68 0.00 | 46.77 1.97 0.00 | 58.15 2.72 0.00 | 61.84 2.44 0.00 | 52.63 1.43 0.00 | 50.86 1.53 0.00 | 46.46 1.53 0.00 | 42.51 1.40 0.00 | 41.56 1.52 0.00 |
| QUAKERRD_115KV_BK1 80622 | 36.68 -2.18 0.00 | 34.51 -2.01 0.00 | 34.12 -1.83 0.00 | 34.42 -1.77 0.00 | 35.56 -1.71 0.00 | 40.12 -1.72 0.00 | 50.46 -2.32 0.00 | 55.40 -2.67 0.00 | 45.10 -2.22 0.00 | 38.77 -2.21 0.00 | 36.89 -2.06 0.00 | 35.97 -2.01 0.00 | 34.95 -1.92 0.00 | 34.64 -2.09 0.00 | 34.71 -2.10 0.00 | 36.52 -2.50 0.00 | 41.66 -3.14 0.00 | 51.27 -4.16 0.00 | 55.07 -4.34 0.00 | 47.10 -4.10 0.00 | 45.38 -3.95 0.00 | 41.65 -3.28 0.00 | 38.02 -3.08 0.00 | 37.36 -2.68 0.00 |
| QUENSBRY_115KV_TB8 356137 | 42.39 3.54 0.00 | 39.77 3.25 0.00 | 39.08 3.13 0.00 | 39.41 3.22 0.00 | 40.74 3.47 0.00 | 45.81 3.97 0.00 | 58.06 5.28 0.00 | 63.59 5.52 0.00 | 51.59 4.26 0.00 | 44.26 3.28 0.00 | 41.88 2.92 0.00 | 40.65 2.66 0.00 | 39.22 2.36 0.00 | 39.16 2.42 0.00 | 39.27 2.47 0.00 | 42.09 3.08 0.00 | 47.26 2.46 0.00 | 58.70 3.27 0.00 | 63.14 3.74 0.00 | 54.43 3.23 0.00 | 52.88 3.55 0.00 | 48.08 3.15 0.00 | 43.82 2.71 0.00 | 42.68 2.64 0.00 |
| RAMAPO___LBMP 323565 | 40.45 1.59 0.00 | 37.91 1.39 0.00 | 37.32 1.37 0.00 | 37.53 1.34 0.00 | 38.62 1.34 0.00 | 43.05 1.21 0.00 | 54.37 1.58 0.00 | 59.93 1.86 0.00 | 48.89 1.56 0.00 | 42.54 1.56 0.00 | 40.36 1.40 0.00 | 39.39 1.41 0.00 | 38.15 1.29 0.00 | 38.09 1.36 0.00 | 38.21 1.40 0.00 | 40.50 1.48 0.00 | 46.59 1.79 0.00 | 57.48 2.05 0.00 | 61.66 2.26 0.00 | 53.61 2.41 0.00 | 51.65 2.32 0.00 | 47.00 2.07 0.00 | 43.08 1.97 0.00 | 41.80 1.76 0.00 |
| RANKINE____ 23646 | 36.91 -1.94 0.00 | 34.80 -1.72 0.00 | 34.41 -1.55 0.00 | 34.74 -1.45 0.00 | 36.04 -1.23 0.00 | 40.92 -0.92 0.00 | 51.25 -1.53 0.00 | 56.04 -2.03 0.00 | 45.95 -1.37 0.00 | 39.34 -1.64 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 34.97 -1.76 0.00 | 35.00 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.22 -5.21 0.00 | 53.70 -5.70 0.00 | 46.13 -5.02 0.06 | 44.15 -5.18 0.00 | 40.71 -4.22 0.00 | 37.37 -3.74 0.00 | 37.08 -2.96 0.00 |
| RAVENSWOOD_GT2_1 24244 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| RAVENSWOOD_GT2_2 24245 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT2_3 24246 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.03 1.75 0.00 | 43.51 1.67 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.16 2.17 0.00 | 40.90 1.95 0.00 | 39.93 1.94 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.72 2.79 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT2_4 24247 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.75 1.80 0.00 | 37.96 1.77 0.00 | 39.03 1.75 0.00 | 43.51 1.67 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.16 2.17 0.00 | 40.90 1.95 0.00 | 39.93 1.94 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.72 2.79 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT3_1 24248 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT3_2 24249 | 40.95 2.10 0.00 | 38.35 1.83 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT3_3 24250 | 40.99 2.14 0.00 | 38.38 1.86 0.00 | 37.79 1.83 0.00 | 38.00 1.81 0.00 | 39.06 1.79 0.00 | 43.56 1.72 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.77 2.83 0.00 | 43.74 2.63 0.00 | 42.36 2.32 0.00 |
| RAVENSWOOD_GT3_4 24251 | 40.99 2.14 0.00 | 38.38 1.86 0.00 | 37.79 1.83 0.00 | 38.00 1.81 0.00 | 39.06 1.79 0.00 | 43.56 1.72 0.00 | 55.11 2.32 0.00 | 60.74 2.67 0.00 | 49.60 2.27 0.00 | 43.20 2.21 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.78 1.92 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.08 2.07 0.00 | 47.31 2.51 0.00 | 58.31 2.88 0.00 | 62.55 3.15 0.00 | 54.43 3.23 0.00 | 52.44 3.11 0.00 | 47.77 2.83 0.00 | 43.74 2.63 0.00 | 42.36 2.32 0.00 |
| RAVENSWOOD_GT_1 23729 | 43.71 2.33 -2.52 | 40.95 2.01 -2.42 | 40.87 1.98 -2.94 | 38.79 1.95 -0.64 | 41.99 1.98 -2.74 | 45.82 1.88 -2.10 | 56.02 2.53 -0.70 | 60.91 2.73 -0.11 | 51.14 2.32 -1.50 | 45.63 2.34 -2.31 | 43.69 2.10 -2.63 | 42.88 2.13 -2.77 | 41.81 2.06 -2.88 | 41.72 2.09 -2.90 | 41.88 2.13 -2.94 | 43.83 2.22 -2.59 | 49.28 2.64 -1.84 | 58.43 2.99 -0.01 | 62.56 3.15 -0.01 | 57.61 3.33 -3.08 | 55.48 3.21 -2.94 | 49.54 2.97 -1.64 | 46.17 2.80 -2.27 | 44.99 2.52 -2.42 |
| RAVENSWOOD_GT_10 24258 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT_11 24259 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD_GT_4 24252 | 42.82 2.06 -1.91 | 40.11 1.75 -1.83 | 39.90 1.73 -2.22 | 38.37 1.70 -0.48 | 41.07 1.71 -2.08 | 45.03 1.59 -1.60 | 55.53 2.22 -0.53 | 60.65 2.50 -0.08 | 50.60 2.13 -1.14 | 44.83 2.09 -1.76 | 42.83 1.87 -2.01 | 41.99 1.90 -2.11 | 40.85 1.81 -2.18 | 40.76 1.84 -2.19 | 40.91 1.88 -2.22 | 42.98 1.99 -1.97 | 48.62 2.42 -1.40 | 58.21 2.77 -0.01 | 62.44 3.03 -0.01 | 56.67 3.12 -2.35 | 54.58 3.01 -2.24 | 48.88 2.70 -1.25 | 45.33 2.51 -1.72 | 44.12 2.24 -1.83 |
| RAVENSWOOD_GT_5 24254 | 42.82 2.06 -1.91 | 40.11 1.75 -1.83 | 39.90 1.73 -2.22 | 38.37 1.70 -0.48 | 41.07 1.71 -2.08 | 45.03 1.59 -1.60 | 55.53 2.22 -0.53 | 60.65 2.50 -0.08 | 50.60 2.13 -1.14 | 44.83 2.09 -1.76 | 42.83 1.87 -2.01 | 41.99 1.90 -2.11 | 40.85 1.81 -2.18 | 40.76 1.84 -2.19 | 40.91 1.88 -2.22 | 42.98 1.99 -1.97 | 48.62 2.42 -1.40 | 58.21 2.77 -0.01 | 62.44 3.03 -0.01 | 56.67 3.12 -2.35 | 54.58 3.01 -2.24 | 48.88 2.70 -1.25 | 45.33 2.51 -1.72 | 44.12 2.24 -1.83 |
| RAVENSWOOD_GT_6 24253 | 42.82 2.06 -1.91 | 40.11 1.75 -1.83 | 39.90 1.73 -2.22 | 38.37 1.70 -0.48 | 41.07 1.71 -2.08 | 45.03 1.59 -1.60 | 55.53 2.22 -0.53 | 60.65 2.50 -0.08 | 50.60 2.13 -1.14 | 44.83 2.09 -1.76 | 42.83 1.87 -2.01 | 41.99 1.90 -2.11 | 40.85 1.81 -2.18 | 40.76 1.84 -2.19 | 40.91 1.88 -2.22 | 42.98 1.99 -1.97 | 48.62 2.42 -1.40 | 58.21 2.77 -0.01 | 62.44 3.03 -0.01 | 56.67 3.12 -2.35 | 54.58 3.01 -2.24 | 48.88 2.70 -1.25 | 45.33 2.51 -1.72 | 44.12 2.24 -1.83 |
| RAVENSWOOD_GT_7 24255 | 42.82 2.06 -1.91 | 40.11 1.75 -1.83 | 39.90 1.73 -2.22 | 38.37 1.70 -0.48 | 41.07 1.71 -2.08 | 45.03 1.59 -1.60 | 55.53 2.22 -0.53 | 60.65 2.50 -0.08 | 50.60 2.13 -1.14 | 44.83 2.09 -1.76 | 42.83 1.87 -2.01 | 41.99 1.90 -2.11 | 40.85 1.81 -2.18 | 40.76 1.84 -2.19 | 40.91 1.88 -2.22 | 42.98 1.99 -1.97 | 48.62 2.42 -1.40 | 58.21 2.77 -0.01 | 62.44 3.03 -0.01 | 56.67 3.12 -2.35 | 54.58 3.01 -2.24 | 48.88 2.70 -1.25 | 45.33 2.51 -1.72 | 44.12 2.24 -1.83 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |

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| RAVENSWOOD_GT_9 24257 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.37 3.17 0.00 | 52.34 3.01 0.00 | 47.68 2.74 0.00 | 43.66 2.55 0.00 | 42.32 2.28 0.00 |
| RAVENSWOOD___1 23533 | 41.15 2.29 -0.01 | 38.50 1.97 -0.01 | 37.94 1.98 -0.01 | 38.15 1.95 -0.01 | 39.22 1.94 -0.01 | 43.64 1.80 0.00 | 55.32 2.53 0.00 | 60.86 2.79 0.00 | 49.69 2.37 0.00 | 43.32 2.33 0.00 | 40.98 2.02 0.00 | 40.08 2.09 0.00 | 38.93 2.06 -0.01 | 38.84 2.09 -0.01 | 38.95 2.13 -0.01 | 41.24 2.22 0.00 | 47.44 2.64 0.00 | 58.42 2.99 0.00 | 62.49 3.09 0.00 | 54.53 3.33 0.00 | 52.53 3.20 0.00 | 47.85 2.92 0.00 | 43.75 2.63 -0.01 | 42.49 2.44 -0.01 |
| RAVENSWOOD___2 23534 | 41.15 2.29 -0.01 | 38.50 1.97 -0.01 | 37.90 1.94 -0.01 | 38.12 1.92 -0.01 | 39.22 1.94 -0.01 | 43.64 1.80 0.00 | 55.32 2.53 0.00 | 60.86 2.79 0.00 | 49.69 2.37 0.00 | 43.28 2.29 0.00 | 40.98 2.02 0.00 | 40.08 2.09 0.00 | 38.93 2.06 -0.01 | 38.84 2.09 -0.01 | 38.95 2.13 -0.01 | 41.24 2.22 0.00 | 47.44 2.64 0.00 | 58.37 2.94 0.00 | 62.43 3.03 0.00 | 54.53 3.33 0.00 | 52.53 3.20 0.00 | 47.85 2.92 0.00 | 43.71 2.59 -0.01 | 42.49 2.44 -0.01 |
| RAVENSWOOD___3 23535 | 40.95 2.10 0.00 | 38.31 1.79 0.00 | 37.71 1.76 0.00 | 37.93 1.74 0.00 | 39.03 1.75 0.00 | 43.43 1.59 0.00 | 55.10 2.32 0.00 | 60.74 2.67 0.00 | 49.55 2.22 0.00 | 43.15 2.17 0.00 | 40.79 1.83 0.00 | 39.89 1.90 0.00 | 38.74 1.88 0.00 | 38.64 1.91 0.00 | 38.76 1.95 0.00 | 41.04 2.03 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.43 3.03 0.00 | 54.38 3.18 0.00 | 52.39 3.06 0.00 | 47.68 2.74 0.00 | 43.49 2.38 0.00 | 42.28 2.24 0.00 |
| RAVENSWOOD___4 23820 | 38.68 2.29 2.47 | 36.12 1.97 2.37 | 35.02 1.94 2.88 | 37.49 1.92 0.62 | 36.53 1.94 2.69 | 41.57 1.80 2.07 | 54.63 2.53 0.69 | 60.75 2.79 0.10 | 48.22 2.37 1.47 | 41.00 2.29 2.28 | 38.39 2.02 2.59 | 37.35 2.09 2.72 | 36.11 2.06 2.82 | 35.99 2.09 2.84 | 36.07 2.13 2.88 | 38.64 2.18 2.55 | 45.59 2.60 1.81 | 58.36 2.94 0.01 | 62.42 3.03 3.04 | 51.44 3.28 3.20 | 49.64 3.20 2.89 | 46.24 2.92 1.62 | 41.48 2.59 2.22 | 40.11 2.44 2.37 |
| RCPI_TRUST___DRP 24196 | 40.91 2.06 0.00 | 38.27 1.75 0.00 | 37.68 1.73 0.00 | 37.89 1.70 0.00 | 38.99 1.71 0.00 | 43.43 1.59 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.68 2.74 0.00 | 43.62 2.51 0.00 | 42.28 2.24 0.00 |
| RED___ROCHESTER 323720 | 37.46 -1.40 0.00 | 35.32 -1.20 0.00 | 34.87 -1.08 0.00 | 35.22 -0.98 0.00 | 36.38 -0.89 0.00 | 41.38 -0.46 0.00 | 51.78 -1.00 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 38.18 -0.78 0.00 | 36.92 -1.06 0.00 | 35.72 -1.14 0.00 | 35.38 -1.36 0.00 | 35.49 -1.32 0.00 | 37.26 -1.75 0.00 | 42.43 -2.38 0.00 | 52.21 -3.22 0.00 | 56.08 -3.33 0.00 | 47.92 -3.28 0.00 | 46.07 -3.26 0.00 | 42.42 -2.52 0.00 | 38.85 -2.26 0.00 | 38.04 -2.00 0.00 |
| REGAN___SOLAR 323812 | 41.84 2.99 0.00 | 39.26 2.74 0.00 | 38.61 2.66 0.00 | 38.94 2.75 0.00 | 40.22 2.94 0.00 | 45.23 3.39 0.00 | 57.27 4.48 0.00 | 62.77 4.70 0.00 | 50.74 3.41 0.00 | 43.44 2.46 0.00 | 40.98 2.02 0.00 | 39.81 1.82 0.00 | 38.56 1.70 0.00 | 38.57 1.84 0.00 | 38.76 1.95 0.00 | 41.47 2.46 0.00 | 48.16 3.36 0.00 | 59.92 4.49 0.00 | 64.45 5.05 0.00 | 55.55 4.35 0.00 | 53.77 4.44 0.00 | 48.84 3.91 0.00 | 44.48 3.37 0.00 | 43.32 3.28 0.00 |
| RENSSELAER___COGEN 23796 | 39.71 0.85 0.00 | 37.32 0.80 0.00 | 36.74 0.79 0.00 | 36.99 0.80 0.00 | 38.02 0.75 0.00 | 42.47 0.63 0.00 | 53.63 0.84 0.00 | 58.88 0.81 0.00 | 47.94 0.61 0.00 | 41.56 0.57 0.00 | 39.42 0.47 0.00 | 38.52 0.53 0.00 | 37.42 0.55 0.00 | 37.32 0.59 0.00 | 37.36 0.55 0.00 | 39.36 0.35 0.00 | 45.07 0.27 0.00 | 55.82 0.39 0.00 | 59.88 0.47 0.00 | 51.82 0.62 0.00 | 50.07 0.74 0.00 | 45.48 0.54 0.00 | 41.89 0.78 0.00 | 40.76 0.72 0.00 |
| REPUBLIC_115KV_BARTNBRK 55605 | 43.55 4.70 0.00 | 40.83 4.31 0.00 | 40.12 4.17 0.00 | 40.46 4.27 0.00 | 41.93 4.66 0.00 | 47.24 5.40 0.00 | 60.07 7.28 0.00 | 65.68 7.61 0.00 | 53.10 5.77 0.00 | 45.29 4.30 0.00 | 42.77 3.82 0.00 | 41.52 3.53 0.00 | 39.96 3.10 0.00 | 39.86 3.12 0.00 | 40.08 3.28 0.00 | 43.23 4.21 0.00 | 48.88 4.08 0.00 | 60.86 5.43 0.00 | 65.64 6.24 0.00 | 56.42 5.22 0.00 | 54.95 5.62 0.00 | 49.88 4.94 0.00 | 45.26 4.15 0.00 | 44.12 4.08 0.00 |
| REVERE_CPPR_DRP 24186 | 40.10 1.24 0.00 | 37.61 1.10 0.00 | 37.10 1.15 0.00 | 37.42 1.23 0.00 | 38.58 1.30 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.68 2.61 0.00 | 49.27 1.94 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.39 1.41 0.00 | 38.26 1.40 0.00 | 38.09 1.36 0.00 | 38.13 1.33 0.00 | 40.53 1.52 0.00 | 46.55 1.75 0.00 | 57.92 2.49 0.00 | 61.96 2.55 0.00 | 53.04 1.84 0.00 | 50.96 1.63 0.00 | 46.42 1.48 0.00 | 42.38 1.27 0.00 | 41.28 1.24 0.00 |
| REYNOLDS_115KV_TB3 80639 | 40.21 1.36 0.00 | 37.80 1.28 0.00 | 37.14 1.19 0.00 | 37.39 1.19 0.00 | 38.43 1.16 0.00 | 43.01 1.17 0.00 | 54.10 1.32 0.00 | 59.46 1.39 0.00 | 48.46 1.14 0.00 | 42.09 1.11 0.00 | 40.08 1.13 0.00 | 39.05 1.06 0.00 | 37.86 1.00 0.00 | 37.80 1.07 0.00 | 37.77 0.96 0.00 | 39.99 0.98 0.00 | 45.79 0.99 0.00 | 56.70 1.27 0.00 | 60.71 1.31 0.00 | 52.68 1.48 0.00 | 50.96 1.63 0.00 | 46.33 1.39 0.00 | 42.59 1.48 0.00 | 41.44 1.40 0.00 |
| RIVERBAY____ 323610 | 41.39 2.53 -0.01 | 38.72 2.19 -0.01 | 38.12 2.16 -0.01 | 38.37 2.17 -0.01 | 39.44 2.16 -0.01 | 44.10 2.26 0.00 | 55.74 2.96 0.00 | 60.97 2.90 0.00 | 49.69 2.37 0.00 | 43.32 2.34 0.00 | 41.06 2.10 0.00 | 40.12 2.13 0.00 | 38.97 2.10 -0.01 | 38.87 2.13 -0.01 | 38.99 2.17 -0.01 | 41.24 2.22 0.00 | 47.53 2.73 0.00 | 58.53 3.10 0.00 | 62.61 3.21 0.00 | 54.58 3.38 0.00 | 52.63 3.31 0.00 | 48.13 3.19 0.00 | 44.08 2.96 -0.01 | 42.73 2.68 -0.01 |
| RIVERSDE_115KV_TB3 55908 | 39.94 1.09 0.00 | 37.54 1.02 0.00 | 36.92 0.97 0.00 | 37.17 0.98 0.00 | 38.21 0.93 0.00 | 42.72 0.88 0.00 | 53.84 1.06 0.00 | 59.17 1.10 0.00 | 48.23 0.90 0.00 | 41.80 0.82 0.00 | 39.77 0.82 0.00 | 38.79 0.80 0.00 | 37.64 0.77 0.00 | 37.54 0.81 0.00 | 37.58 0.77 0.00 | 39.64 0.62 0.00 | 45.38 0.58 0.00 | 56.21 0.78 0.00 | 60.23 0.83 0.00 | 52.17 0.97 0.00 | 50.46 1.13 0.00 | 45.83 0.90 0.00 | 42.22 1.11 0.00 | 41.04 1.00 0.00 |
| ROARING___BROOK_WT_PWR 323790 | 38.03 -0.82 0.00 | 35.75 -0.77 0.00 | 35.20 -0.76 0.00 | 35.43 -0.76 0.00 | 36.57 -0.71 0.00 | 41.21 -0.63 0.00 | 52.15 -0.63 0.00 | 57.67 -0.40 0.00 | 47.14 -0.19 0.00 | 40.94 -0.04 0.00 | 38.95 0.00 0.00 | 37.99 0.00 0.00 | 36.86 0.00 0.00 | 36.73 0.00 0.00 | 36.85 0.04 0.00 | 39.13 0.12 0.00 | 44.94 0.13 0.00 | 55.60 0.17 0.00 | 59.28 -0.12 0.00 | 50.69 -0.51 0.00 | 48.59 -0.74 0.00 | 44.08 -0.86 0.00 | 40.24 -0.87 0.00 | 39.16 -0.88 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|
| ROCHESRG_115KV_T4 355643 | 37.07 -1.79 0.00 | 34.91 -1.61 0.00 | 34.51 -1.44 0.00 | 34.82 -1.38 0.00 | 35.97 -1.30 0.00 | 40.63 -1.21 0.00 | 51.04 -1.74 0.00 | 55.92 -2.15 0.00 | 45.58 -1.75 0.00 | 39.14 -1.84 0.00 | 37.24 -1.71 0.00 | 36.32 -1.67 0.00 | 35.31 -1.55 0.00 | 34.93 -1.80 0.00 | 35.00 -1.80 0.00 | 36.79 -2.22 0.00 | 41.89 -2.91 0.00 | 51.49 -3.94 0.00 | 55.24 -4.16 0.00 | 47.26 -3.94 0.00 | 45.53 -3.80 0.00 | 41.83 -3.10 0.00 | 38.23 -2.88 0.00 | 37.68 -2.36 0.00 |
| ROCHESTER_9_IC 23652 | 37.26 -1.59 0.00 | 35.10 -1.42 0.00 | 34.69 -1.26 0.00 | 35.03 -1.16 0.00 | 36.19 -1.08 0.00 | 40.88 -0.96 0.00 | 51.41 -1.37 0.00 | 56.33 -1.74 0.00 | 45.91 -1.42 0.00 | 39.38 -1.60 0.00 | 37.47 -1.48 0.00 | 36.54 -1.44 0.00 | 35.54 -1.33 0.00 | 35.15 -1.58 0.00 | 35.23 -1.58 0.00 | 37.02 -1.99 0.00 | 42.16 -2.64 0.00 | 51.88 -3.55 0.00 | 55.66 -3.74 0.00 | 47.56 -3.64 0.00 | 45.83 -3.50 0.00 | 42.10 -2.83 0.00 | 38.48 -2.63 0.00 | 37.88 -2.16 0.00 |
| ROCKVIEW_13_KV_LD 356306 | 40.91 2.06 0.00 | 38.27 1.75 0.00 | 37.68 1.73 0.00 | 37.89 1.70 0.00 | 38.99 1.71 0.00 | 43.47 1.63 0.00 | 55.05 2.27 0.00 | 60.68 2.61 0.00 | 49.50 2.18 0.00 | 43.07 2.09 0.00 | 40.82 1.87 0.00 | 39.85 1.86 0.00 | 38.63 1.77 0.00 | 38.53 1.80 0.00 | 38.65 1.84 0.00 | 40.96 1.95 0.00 | 47.22 2.42 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.72 2.79 0.00 | 43.62 2.51 0.00 | 42.24 2.20 0.00 |
| ROME____115KV_TB2 80656 | 40.10 1.24 0.00 | 37.61 1.10 0.00 | 37.10 1.15 0.00 | 37.42 1.23 0.00 | 38.58 1.30 0.00 | 43.51 1.67 0.00 | 55.11 2.32 0.00 | 60.68 2.61 0.00 | 49.27 1.94 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.39 1.41 0.00 | 38.26 1.40 0.00 | 38.09 1.36 0.00 | 38.13 1.33 0.00 | 40.53 1.52 0.00 | 46.55 1.75 0.00 | 57.92 2.49 0.00 | 61.96 2.55 0.00 | 53.04 1.84 0.00 | 50.96 1.63 0.00 | 46.42 1.48 0.00 | 42.38 1.27 0.00 | 41.28 1.24 0.00 |
| ROSETON___1 23587 | 40.41 1.56 0.00 | 37.91 1.39 0.00 | 37.28 1.33 0.00 | 37.53 1.34 0.00 | 38.61 1.34 0.00 | 43.05 1.21 0.00 | 54.47 1.69 0.00 | 60.05 1.98 0.00 | 48.94 1.61 0.00 | 42.54 1.56 0.00 | 40.24 1.28 0.00 | 39.32 1.33 0.00 | 38.15 1.29 0.00 | 38.05 1.32 0.00 | 38.13 1.32 0.00 | 40.46 1.44 0.00 | 46.55 1.75 0.00 | 57.48 2.05 0.00 | 61.60 2.20 0.00 | 53.56 2.36 0.00 | 51.65 2.32 0.00 | 46.91 1.97 0.00 | 42.96 1.85 0.00 | 41.72 1.68 0.00 |
| ROSETON___2 23588 | 40.41 1.56 0.00 | 37.91 1.39 0.00 | 37.28 1.33 0.00 | 37.53 1.34 0.00 | 38.61 1.34 0.00 | 43.05 1.21 0.00 | 54.47 1.69 0.00 | 60.05 1.98 0.00 | 48.94 1.61 0.00 | 42.54 1.56 0.00 | 40.24 1.28 0.00 | 39.32 1.33 0.00 | 38.15 1.29 0.00 | 38.05 1.32 0.00 | 38.13 1.32 0.00 | 40.46 1.44 0.00 | 46.55 1.75 0.00 | 57.48 2.05 0.00 | 61.60 2.20 0.00 | 53.56 2.36 0.00 | 51.65 2.32 0.00 | 46.91 1.97 0.00 | 42.96 1.85 0.00 | 41.72 1.68 0.00 |
| ROTRRDAM_115KV_TB3 80664 | 40.02 1.17 0.00 | 37.58 1.06 0.00 | 36.96 1.01 0.00 | 37.20 1.01 0.00 | 38.36 1.08 0.00 | 42.97 1.13 0.00 | 54.26 1.48 0.00 | 59.58 1.51 0.00 | 48.51 1.18 0.00 | 41.97 0.98 0.00 | 39.85 0.90 0.00 | 38.82 0.84 0.00 | 37.64 0.77 0.00 | 37.54 0.81 0.00 | 37.62 0.81 0.00 | 39.95 0.94 0.00 | 45.88 1.08 0.00 | 56.82 1.39 0.00 | 60.95 1.54 0.00 | 52.68 1.48 0.00 | 50.86 1.53 0.00 | 46.28 1.35 0.00 | 42.38 1.27 0.00 | 41.24 1.20 0.00 |
| RUSSELL___1 23602 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| RUSSELL___2 23532 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| RUSSELL___3 23549 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| RUSSELL___4 23556 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| RUSSELL___STATION 23914 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| S SALMON___HYD 24043 | 38.93 0.08 0.00 | 36.56 0.04 0.00 | 36.02 0.07 0.00 | 36.30 0.11 0.00 | 37.46 0.19 0.00 | 42.22 0.38 0.00 | 53.31 0.53 0.00 | 58.71 0.64 0.00 | 48.08 0.75 0.00 | 41.43 0.45 0.00 | 39.58 0.62 0.00 | 38.45 0.46 0.00 | 37.27 0.41 0.00 | 37.06 0.33 0.00 | 37.18 0.37 0.00 | 39.36 0.35 0.00 | 45.12 0.32 0.00 | 55.87 0.44 0.00 | 59.82 0.42 0.00 | 51.30 0.10 0.00 | 49.23 -0.10 0.00 | 44.94 0.00 0.00 | 41.11 0.00 0.00 | 40.12 0.08 0.00 |
| S.PERRY__115KV_TB1 80734 | 38.66 -0.19 0.00 | 36.26 -0.26 0.00 | 35.84 -0.11 0.00 | 36.23 0.04 0.00 | 37.50 0.22 0.00 | 42.59 0.75 0.00 | 53.79 1.00 0.00 | 59.06 0.99 0.00 | 47.99 0.66 0.00 | 40.90 -0.08 0.00 | 38.84 -0.12 0.00 | 37.80 -0.19 0.00 | 36.68 -0.18 0.00 | 36.33 -0.40 0.00 | 36.51 -0.29 0.00 | 38.54 -0.47 0.00 | 43.99 -0.81 0.00 | 54.32 -1.11 0.00 | 58.33 -1.07 0.00 | 49.96 -1.43 -0.19 | 47.46 -1.87 0.00 | 43.59 -1.35 0.00 | 39.63 -1.48 0.00 | 39.04 -1.00 0.00 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 36.40 -2.45 0.00 | 34.36 -2.15 0.00 | 33.97 -1.98 0.00 | 34.31 -1.88 0.00 | 35.56 -1.71 0.00 | 40.29 -1.55 0.00 | 50.41 -2.38 0.00 | 54.99 -3.08 0.00 | 45.10 -2.22 0.00 | 38.65 -2.34 0.00 | 36.73 -2.22 0.00 | 35.82 -2.17 0.00 | 34.84 -2.03 0.00 | 34.38 -2.35 0.00 | 34.42 -2.39 0.00 | 35.89 -3.12 0.00 | 40.59 -4.21 0.00 | 49.33 -6.10 0.00 | 52.81 -6.59 0.00 | 45.21 -5.94 0.05 | 43.51 -5.82 0.00 | 40.17 -4.76 0.00 | 36.83 -4.28 0.00 | 36.64 -3.40 0.00 |

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| SAWYER___23_KV_LOAD 55526 | 36.40 -2.45 0.00 | 34.36 -2.15 0.00 | 33.97 -1.98 0.00 | 34.31 -1.88 0.00 | 35.56 -1.71 0.00 | 40.29 -1.55 0.00 | 50.41 -2.38 0.00 | 54.99 -3.08 0.00 | 45.10 -2.22 0.00 | 38.65 -2.34 0.00 | 36.73 -2.22 0.00 | 35.82 -2.17 0.00 | 34.84 -2.03 0.00 | 34.38 -2.35 0.00 | 34.42 -2.39 0.00 | 35.89 -3.12 0.00 | 40.59 -4.21 0.00 | 49.33 -6.10 0.00 | 52.81 -6.59 0.00 | 45.21 -5.94 0.05 | 43.51 -5.82 0.00 | 40.17 -4.76 0.00 | 36.83 -4.28 0.00 | 36.64 -3.40 0.00 |
| SELKIRK___I 23801 | 40.02 1.16 0.00 | 37.61 1.09 0.00 | 37.00 1.04 0.00 | 37.28 1.08 0.00 | 38.36 1.08 0.00 | 42.89 1.05 0.00 | 54.10 1.32 0.00 | 59.35 1.28 0.00 | 48.27 0.95 0.00 | 41.76 0.78 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.43 0.63 0.00 | 39.68 0.66 0.00 | 45.56 0.76 0.00 | 56.48 1.05 0.00 | 60.59 1.19 0.00 | 52.38 1.18 0.00 | 50.66 1.33 0.00 | 46.06 1.12 0.00 | 42.26 1.15 0.00 | 41.20 1.16 0.00 |
| SELKIRK___II 23799 | 39.78 0.93 0.00 | 37.39 0.88 0.00 | 36.81 0.86 0.00 | 37.02 0.83 0.00 | 38.09 0.82 0.00 | 42.59 0.75 0.00 | 53.78 1.00 0.00 | 59.12 1.05 0.00 | 48.13 0.80 0.00 | 41.72 0.74 0.00 | 39.54 0.59 0.00 | 38.63 0.65 0.00 | 37.49 0.63 0.00 | 37.40 0.66 0.00 | 37.43 0.63 0.00 | 39.56 0.55 0.00 | 45.38 0.58 0.00 | 56.21 0.78 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.37 1.04 0.00 | 45.79 0.85 0.00 | 42.05 0.95 0.00 | 40.92 0.88 0.00 |
| SENECA OSWGO___HYD 24041 | 38.70 -0.15 0.00 | 36.37 -0.15 0.00 | 35.84 -0.11 0.00 | 36.08 -0.11 0.00 | 37.24 -0.04 0.00 | 42.01 0.17 0.00 | 53.05 0.27 0.00 | 58.36 0.29 0.00 | 47.80 0.47 0.00 | 41.15 0.16 0.00 | 39.26 0.31 0.00 | 38.18 0.19 0.00 | 37.01 0.15 0.00 | 36.81 0.07 0.00 | 36.92 0.11 0.00 | 39.09 0.08 0.00 | 44.80 0.00 0.00 | 55.26 -0.17 0.00 | 59.28 -0.12 0.00 | 51.05 -0.15 0.00 | 48.93 -0.40 0.00 | 44.71 -0.22 0.00 | 40.86 -0.25 0.00 | 39.80 -0.24 0.00 |
| SENECA___115KV_TB3 355854 | 36.95 -1.90 0.00 | 34.88 -1.64 0.00 | 34.48 -1.47 0.00 | 34.82 -1.38 0.00 | 36.12 -1.16 0.00 | 40.96 -0.88 0.00 | 51.36 -1.43 0.00 | 56.15 -1.92 0.00 | 46.05 -1.28 0.00 | 39.43 -1.56 0.00 | 37.44 -1.52 0.00 | 36.51 -1.48 0.00 | 35.46 -1.40 0.00 | 35.04 -1.69 0.00 | 35.08 -1.73 0.00 | 36.59 -2.42 0.00 | 41.35 -3.45 0.00 | 50.33 -5.10 0.00 | 53.82 -5.58 0.00 | 46.23 -4.92 0.06 | 44.20 -5.13 0.00 | 40.80 -4.13 0.00 | 37.45 -3.66 0.00 | 37.16 -2.88 0.00 |
| SENECA___ENERGY 23797 | 38.15 -0.70 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.83 -0.45 0.00 | 41.71 -0.13 0.00 | 52.57 -0.21 0.00 | 57.55 -0.52 0.00 | 47.00 -0.33 0.00 | 40.37 -0.61 0.00 | 38.57 -0.39 0.00 | 37.42 -0.57 0.00 | 36.27 -0.59 0.00 | 36.00 -0.73 0.00 | 36.15 -0.66 0.00 | 38.19 -0.82 0.00 | 43.73 -1.08 0.00 | 53.99 -1.44 0.00 | 57.98 -1.43 0.00 | 49.98 -1.23 -0.01 | 47.80 -1.53 0.00 | 43.77 -1.17 0.00 | 39.96 -1.15 0.00 | 39.00 -1.04 0.00 |
| SHOEMAKER___GT 23640 | 40.25 1.40 0.00 | 37.72 1.20 0.00 | 37.14 1.18 0.00 | 37.38 1.19 0.00 | 38.47 1.19 0.00 | 42.97 1.13 0.00 | 54.37 1.58 0.00 | 59.87 1.80 0.00 | 48.79 1.47 0.00 | 42.29 1.31 0.00 | 40.01 1.05 0.00 | 39.05 1.06 0.00 | 37.89 1.03 0.00 | 37.80 1.07 0.00 | 37.88 1.07 0.00 | 40.22 1.21 0.00 | 46.32 1.52 0.00 | 57.26 1.83 0.00 | 61.42 2.02 0.00 | 53.30 2.10 0.00 | 51.40 2.07 0.00 | 46.69 1.75 0.00 | 42.71 1.60 0.00 | 41.52 1.48 0.00 |
| SHOEMAKR_138KV_BK 111 55601 | 40.21 1.36 0.00 | 37.72 1.21 0.00 | 37.14 1.19 0.00 | 37.35 1.16 0.00 | 38.43 1.16 0.00 | 42.97 1.13 0.00 | 54.26 1.48 0.00 | 59.75 1.68 0.00 | 48.70 1.37 0.00 | 42.29 1.31 0.00 | 40.08 1.13 0.00 | 39.09 1.10 0.00 | 37.90 1.03 0.00 | 37.80 1.07 0.00 | 37.91 1.10 0.00 | 40.22 1.21 0.00 | 46.32 1.52 0.00 | 57.20 1.77 0.00 | 61.42 2.02 0.00 | 53.30 2.10 0.00 | 51.35 2.02 0.00 | 46.69 1.75 0.00 | 42.79 1.69 0.00 | 41.52 1.48 0.00 |
| SHOREHAM_IC_1 23715 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.11 2.45 -0.71 | 38.65 2.46 0.00 | 39.73 2.46 0.00 | 46.88 2.09 -2.95 | 57.90 2.95 -2.16 | 61.32 3.25 0.00 | 49.97 2.65 0.00 | 42.91 1.93 0.00 | 40.09 1.13 0.00 | 39.47 1.48 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.80 0.99 0.00 | 40.42 1.40 0.00 | 44.42 1.66 2.04 | 50.39 1.50 6.54 | 53.09 1.66 7.97 | 46.66 2.10 6.64 | 47.43 1.92 3.82 | 43.74 2.02 3.22 | 41.65 1.73 1.19 | 39.48 1.56 2.12 |
| SHOREHAM_IC_2 23716 | 49.36 2.72 -7.79 | 44.29 2.41 -5.36 | 39.11 2.45 -0.71 | 38.65 2.46 0.00 | 39.73 2.46 0.00 | 46.88 2.09 -2.95 | 57.90 2.95 -2.16 | 61.32 3.25 0.00 | 49.97 2.65 0.00 | 42.91 1.93 0.00 | 40.09 1.13 0.00 | 39.47 1.48 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.80 0.99 0.00 | 40.42 1.40 0.00 | 44.42 1.66 2.04 | 50.39 1.50 6.54 | 53.09 1.66 7.97 | 46.66 2.10 6.64 | 47.43 1.92 3.82 | 43.74 2.02 3.22 | 41.65 1.73 1.19 | 39.48 1.56 2.12 |
| SISSONVILLE____ 23735 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.43 0.59 0.00 | 53.31 0.53 0.00 | 58.59 0.52 0.00 | 47.47 0.14 0.00 | 41.27 0.29 0.00 | 39.50 0.55 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.58 0.77 0.00 | 40.11 1.09 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.47 1.07 0.00 | 51.51 0.31 0.00 | 49.82 0.49 0.00 | 45.56 0.63 0.00 | 41.77 0.66 0.00 | 40.84 0.80 0.00 |
| SITHE_IND_GS1 24169 | 37.34 -1.52 0.00 | 35.17 -1.35 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 35.93 -1.34 0.00 | 40.37 -1.47 0.00 | 50.89 -1.90 0.00 | 55.92 -2.15 0.00 | 45.62 -1.70 0.00 | 39.43 -1.56 0.00 | 37.55 -1.40 0.00 | 36.58 -1.40 0.00 | 35.50 -1.36 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.41 -1.60 0.00 | 42.92 -1.88 0.00 | 53.05 -2.38 0.00 | 56.85 -2.55 0.00 | 49.00 -2.20 0.00 | 47.11 -2.22 0.00 | 43.05 -1.89 0.00 | 39.38 -1.72 0.00 | 38.36 -1.68 0.00 |
| SITHE_IND_GS2 24170 | 37.34 -1.52 0.00 | 35.17 -1.35 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 35.93 -1.34 0.00 | 40.37 -1.47 0.00 | 50.89 -1.90 0.00 | 55.92 -2.15 0.00 | 45.62 -1.70 0.00 | 39.43 -1.56 0.00 | 37.55 -1.40 0.00 | 36.58 -1.40 0.00 | 35.50 -1.36 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.41 -1.60 0.00 | 42.92 -1.88 0.00 | 53.05 -2.38 0.00 | 56.85 -2.55 0.00 | 49.00 -2.20 0.00 | 47.11 -2.22 0.00 | 43.05 -1.89 0.00 | 39.38 -1.72 0.00 | 38.36 -1.68 0.00 |
| SITHE_IND_GS3 24171 | 37.34 -1.52 0.00 | 35.17 -1.35 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 35.93 -1.34 0.00 | 40.37 -1.47 0.00 | 50.89 -1.90 0.00 | 55.92 -2.15 0.00 | 45.62 -1.70 0.00 | 39.43 -1.56 0.00 | 37.55 -1.40 0.00 | 36.58 -1.40 0.00 | 35.50 -1.36 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.41 -1.60 0.00 | 42.92 -1.88 0.00 | 53.05 -2.38 0.00 | 56.85 -2.55 0.00 | 49.00 -2.20 0.00 | 47.11 -2.22 0.00 | 43.05 -1.89 0.00 | 39.38 -1.72 0.00 | 38.36 -1.68 0.00 |
| SITHE_IND_GS4 24172 | 37.34 -1.52 0.00 | 35.17 -1.35 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 35.93 -1.34 0.00 | 40.37 -1.47 0.00 | 50.89 -1.90 0.00 | 55.92 -2.15 0.00 | 45.62 -1.70 0.00 | 39.43 -1.56 0.00 | 37.55 -1.40 0.00 | 36.58 -1.40 0.00 | 35.50 -1.36 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.41 -1.60 0.00 | 42.92 -1.88 0.00 | 53.05 -2.38 0.00 | 56.85 -2.55 0.00 | 49.00 -2.20 0.00 | 47.11 -2.22 0.00 | 43.05 -1.89 0.00 | 39.38 -1.72 0.00 | 38.36 -1.68 0.00 |

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| SITHE___BATAVIA 24024 | 37.30 -1.56 0.00 | 35.24 -1.28 0.00 | 34.80 -1.15 0.00 | 35.18 -1.01 0.00 | 36.42 -0.86 0.00 | 41.71 -0.13 0.00 | 51.94 -0.85 0.00 | 56.74 -1.33 0.00 | 46.24 -1.09 0.00 | 39.47 -1.52 0.00 | 38.18 -0.78 0.00 | 36.77 -1.22 0.00 | 35.54 -1.33 0.00 | 35.08 -1.65 0.00 | 35.26 -1.54 0.00 | 36.83 -2.18 0.00 | 41.80 -3.00 0.00 | 51.16 -4.27 0.00 | 54.95 -4.46 0.00 | 46.87 -4.30 0.03 | 44.99 -4.34 0.00 | 41.66 -3.28 0.00 | 38.23 -2.88 0.00 | 37.56 -2.48 0.00 |
| SITHE___INDEPEND 23800 | 37.34 -1.52 0.00 | 35.17 -1.35 0.00 | 34.66 -1.29 0.00 | 34.89 -1.30 0.00 | 35.93 -1.34 0.00 | 40.33 -1.51 0.00 | 50.88 -1.90 0.00 | 55.92 -2.15 0.00 | 45.62 -1.70 0.00 | 39.43 -1.56 0.00 | 37.47 -1.48 0.00 | 36.54 -1.44 0.00 | 35.50 -1.36 0.00 | 35.30 -1.43 0.00 | 35.37 -1.44 0.00 | 37.41 -1.60 0.00 | 42.92 -1.88 0.00 | 53.05 -2.38 0.00 | 56.85 -2.55 0.00 | 49.00 -2.20 0.00 | 47.16 -2.17 0.00 | 43.05 -1.89 0.00 | 39.34 -1.77 0.00 | 38.40 -1.64 0.00 |
| SITHE___MASSENA 23902 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.51 0.67 0.00 | 53.58 0.79 0.00 | 59.06 0.99 0.00 | 47.94 0.61 0.00 | 41.51 0.53 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.40 0.66 0.00 | 37.51 0.70 0.00 | 39.99 0.98 0.00 | 45.96 1.16 0.00 | 56.98 1.55 0.00 | 60.89 1.49 0.00 | 52.07 0.87 0.00 | 50.22 0.89 0.00 | 45.79 0.85 0.00 | 41.81 0.70 0.00 | 40.76 0.72 0.00 |
| SITHE___OGDNSBRG 24021 | 39.94 1.09 0.00 | 37.58 1.06 0.00 | 37.03 1.08 0.00 | 37.28 1.09 0.00 | 38.39 1.12 0.00 | 43.26 1.42 0.00 | 54.53 1.74 0.00 | 59.99 1.92 0.00 | 48.51 1.18 0.00 | 42.01 1.02 0.00 | 40.01 1.05 0.00 | 39.09 1.10 0.00 | 37.97 1.11 0.00 | 37.84 1.10 0.00 | 37.99 1.18 0.00 | 40.57 1.56 0.00 | 46.68 1.88 0.00 | 58.09 2.66 0.00 | 61.96 2.55 0.00 | 52.74 1.54 0.00 | 50.91 1.58 0.00 | 46.51 1.57 0.00 | 42.46 1.36 0.00 | 41.48 1.44 0.00 |
| SITHE___STERLING 23777 | 39.78 0.93 0.00 | 37.36 0.84 0.00 | 36.81 0.86 0.00 | 37.10 0.91 0.00 | 38.28 1.01 0.00 | 43.18 1.34 0.00 | 54.58 1.80 0.00 | 60.10 2.03 0.00 | 48.84 1.51 0.00 | 42.21 1.23 0.00 | 40.09 1.13 0.00 | 39.01 1.03 0.00 | 37.86 1.00 0.00 | 37.69 0.95 0.00 | 37.76 0.96 0.00 | 40.07 1.05 0.00 | 45.96 1.16 0.00 | 57.09 1.66 0.00 | 61.13 1.72 0.00 | 52.48 1.28 0.00 | 50.41 1.08 0.00 | 45.92 0.99 0.00 | 42.01 0.90 0.00 | 40.88 0.84 0.00 |
| SLEIGHT__34_KV_TB1 80719 | 37.61 -1.24 0.00 | 35.35 -1.17 0.00 | 34.95 -1.01 0.00 | 35.25 -0.94 0.00 | 36.42 -0.86 0.00 | 41.13 -0.71 0.00 | 51.89 -0.90 0.00 | 56.97 -1.10 0.00 | 46.38 -0.95 0.00 | 39.84 -1.15 0.00 | 37.90 -1.05 0.00 | 36.96 -1.03 0.00 | 35.87 -1.00 0.00 | 35.56 -1.18 0.00 | 35.63 -1.18 0.00 | 37.57 -1.44 0.00 | 42.92 -1.88 0.00 | 52.99 -2.44 0.00 | 56.85 -2.55 0.00 | 48.74 -2.46 0.00 | 46.86 -2.47 0.00 | 42.96 -1.98 0.00 | 39.18 -1.93 0.00 | 38.44 -1.60 0.00 |
| SOUTH CAIRO___GT 23612 | 41.38 2.53 0.00 | 38.89 2.37 0.00 | 38.22 2.26 0.00 | 38.51 2.32 0.00 | 39.66 2.39 0.00 | 44.48 2.64 0.00 | 56.48 3.69 0.00 | 61.90 3.83 0.00 | 49.88 2.56 0.00 | 42.70 1.72 0.00 | 40.32 1.36 0.00 | 39.20 1.22 0.00 | 37.97 1.11 0.00 | 37.91 1.18 0.00 | 38.13 1.33 0.00 | 40.57 1.56 0.00 | 46.91 2.11 0.00 | 58.64 3.21 0.00 | 63.09 3.68 0.00 | 54.43 3.23 0.00 | 52.63 3.31 0.00 | 47.54 2.61 0.00 | 43.66 2.55 0.00 | 42.48 2.44 0.00 |
| SOUTH HAMPTN___IC 23720 | 49.44 2.80 -7.79 | 44.40 2.52 -5.36 | 39.29 2.62 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.13 2.34 -2.95 | 58.22 3.27 -2.16 | 61.67 3.60 0.00 | 50.07 2.74 0.00 | 42.91 1.93 0.00 | 39.93 0.97 0.00 | 39.35 1.37 0.00 | 37.89 1.03 0.00 | 37.76 1.03 0.00 | 37.66 0.85 0.00 | 40.30 1.29 0.00 | 43.03 1.57 3.34 | 46.20 1.44 10.67 | 48.17 1.78 13.02 | 42.67 2.31 10.83 | 45.32 2.22 6.23 | 40.88 2.29 6.34 | 38.32 1.97 4.76 | 35.61 1.84 6.27 |
| SOUTHDOW_115KV_TB1 355954 | 37.96 -0.89 0.00 | 35.72 -0.80 0.00 | 35.27 -0.68 0.00 | 35.68 -0.51 0.00 | 37.16 -0.11 0.00 | 42.51 0.67 0.00 | 53.73 0.95 0.00 | 58.88 0.81 0.00 | 48.37 1.04 0.00 | 41.39 0.41 0.00 | 39.27 0.31 0.00 | 38.14 0.15 0.00 | 36.90 0.04 0.00 | 36.37 -0.37 0.00 | 36.15 -0.66 0.00 | 37.61 -1.40 0.00 | 42.47 -2.33 0.00 | 51.72 -3.71 0.00 | 55.13 -4.28 0.00 | 47.43 -3.74 0.03 | 45.14 -4.19 0.00 | 41.65 -3.28 0.00 | 38.31 -2.80 0.00 | 37.92 -2.12 0.00 |
| SOUTHOLD_69_KV_BK 2 55809 | 49.55 2.91 -7.79 | 44.55 2.67 -5.36 | 39.47 2.80 -0.71 | 39.09 2.90 0.00 | 40.22 2.94 0.00 | 47.51 2.72 -2.95 | 58.32 3.38 -2.16 | 61.61 3.54 0.00 | 49.50 2.18 0.00 | 42.95 1.97 0.00 | 39.89 0.93 0.00 | 39.17 1.18 0.00 | 37.64 0.77 0.00 | 37.54 0.81 0.00 | 37.51 0.70 0.00 | 40.18 1.17 0.00 | 42.92 1.48 3.36 | 46.06 1.39 10.76 | 48.48 2.20 13.12 | 42.89 2.61 10.92 | 45.86 2.81 6.28 | 41.40 2.88 6.41 | 38.90 2.63 4.83 | 36.05 2.36 6.35 |
| SOUTHOLD___IC 23719 | 49.55 2.92 -7.79 | 44.51 2.63 -5.36 | 39.47 2.81 -0.71 | 39.09 2.90 0.00 | 40.22 2.94 0.00 | 47.47 2.68 -2.95 | 58.64 3.69 -2.16 | 62.07 4.00 0.00 | 50.26 2.94 0.00 | 42.95 1.97 0.00 | 39.77 0.82 0.00 | 39.17 1.18 0.00 | 37.67 0.81 0.00 | 37.54 0.81 0.00 | 37.47 0.66 0.00 | 40.22 1.21 0.00 | 42.92 1.48 3.36 | 46.11 1.44 10.76 | 48.36 2.08 13.12 | 43.05 2.76 10.92 | 45.81 2.76 6.28 | 41.41 2.88 6.41 | 38.78 2.51 4.83 | 36.01 2.32 6.35 |
| SOUTH_FORK_WT_PWR 323839 | 49.24 2.60 -7.79 | 44.29 2.41 -5.36 | 39.29 2.62 -0.71 | 38.94 2.75 0.00 | 40.07 2.80 0.00 | 47.26 2.47 -2.95 | 58.37 3.43 -2.16 | 61.73 3.66 0.00 | 49.93 2.60 0.00 | 42.66 1.68 0.00 | 39.34 0.39 0.00 | 38.71 0.72 0.00 | 37.27 0.41 0.00 | 37.14 0.40 0.00 | 37.07 0.26 0.00 | 39.79 0.78 0.00 | 42.44 0.98 3.35 | 45.55 0.83 10.71 | 47.88 1.54 13.06 | 42.79 2.46 10.87 | 45.69 2.61 6.25 | 41.35 2.79 6.37 | 38.74 2.42 4.80 | 35.97 2.24 6.31 |
| SPIERFLS_115KV_TB 1 80737 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 45.65 3.81 0.00 | 57.80 5.01 0.00 | 63.35 5.28 0.00 | 51.40 4.07 0.00 | 44.14 3.16 0.00 | 41.72 2.77 0.00 | 40.53 2.55 0.00 | 39.11 2.25 0.00 | 39.05 2.31 0.00 | 39.16 2.36 0.00 | 41.94 2.93 0.00 | 47.00 2.20 0.00 | 58.37 2.94 0.00 | 62.73 3.33 0.00 | 54.12 2.92 0.00 | 52.59 3.26 0.00 | 47.86 2.92 0.00 | 43.57 2.47 0.00 | 42.48 2.44 0.00 |
| ST LAWRENCE____ 23600 | 38.77 -0.08 0.00 | 36.48 -0.04 0.00 | 35.92 -0.04 0.00 | 36.12 -0.07 0.00 | 37.20 -0.07 0.00 | 41.84 0.00 0.00 | 52.78 0.00 0.00 | 58.19 0.12 0.00 | 47.33 0.00 0.00 | 41.02 0.04 0.00 | 39.03 0.08 0.00 | 38.10 0.11 0.00 | 37.01 0.15 0.00 | 36.88 0.15 0.00 | 37.03 0.22 0.00 | 39.36 0.35 0.00 | 45.29 0.49 0.00 | 56.15 0.72 0.00 | 60.12 0.72 0.00 | 51.46 0.26 0.00 | 49.63 0.30 0.00 | 45.16 0.23 0.00 | 41.19 0.08 0.00 | 40.16 0.12 0.00 |
| STATE_CA_115KV_115_LB 55624 | 39.90 1.05 0.00 | 37.51 0.99 0.00 | 36.89 0.93 0.00 | 37.13 0.94 0.00 | 38.21 0.93 0.00 | 42.72 0.88 0.00 | 53.89 1.11 0.00 | 59.17 1.10 0.00 | 48.23 0.90 0.00 | 41.76 0.78 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.60 0.59 0.00 | 45.34 0.54 0.00 | 56.15 0.72 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.41 1.09 0.00 | 45.79 0.85 0.00 | 42.14 1.03 0.00 | 41.00 0.96 0.00 |

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| STATE_ST_34_KV_LOAD 55959 | 38.58 -0.27 0.00 | 36.26 -0.26 0.00 | 35.74 -0.22 0.00 | 36.01 -0.18 0.00 | 37.16 -0.11 0.00 | 41.92 0.08 0.00 | 52.99 0.21 0.00 | 58.24 0.17 0.00 | 47.47 0.14 0.00 | 40.82 -0.16 0.00 | 38.80 -0.16 0.00 | 37.80 -0.19 0.00 | 36.68 -0.18 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.70 -0.31 0.00 | 44.35 -0.45 0.00 | 54.93 -0.50 0.00 | 58.99 -0.42 0.00 | 50.80 -0.41 -0.01 | 48.74 -0.59 0.00 | 44.49 -0.45 0.00 | 40.57 -0.53 0.00 | 39.60 -0.44 0.00 |
| STATION 5_MISC_HYD 23604 | 37.26 -1.59 0.00 | 35.17 -1.35 0.00 | 34.69 -1.26 0.00 | 35.03 -1.16 0.00 | 36.19 -1.08 0.00 | 41.17 -0.67 0.00 | 51.47 -1.32 0.00 | 56.33 -1.74 0.00 | 45.91 -1.42 0.00 | 39.38 -1.60 0.00 | 37.94 -1.01 0.00 | 36.70 -1.29 0.00 | 35.54 -1.33 0.00 | 35.16 -1.58 0.00 | 35.30 -1.51 0.00 | 37.02 -1.99 0.00 | 42.16 -2.64 0.00 | 51.83 -3.60 0.00 | 55.66 -3.74 0.00 | 47.57 -3.63 0.00 | 45.78 -3.55 0.00 | 42.15 -2.79 0.00 | 38.64 -2.47 0.00 | 37.84 -2.20 0.00 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 38.27 -0.58 0.00 | 35.94 -0.58 0.00 | 35.52 -0.43 0.00 | 35.87 -0.33 0.00 | 37.01 -0.26 0.00 | 41.88 0.04 0.00 | 52.84 0.05 0.00 | 57.90 -0.17 0.00 | 47.14 -0.19 0.00 | 40.41 -0.57 0.00 | 38.49 -0.47 0.00 | 37.49 -0.49 0.00 | 36.38 -0.48 0.00 | 36.07 -0.66 0.00 | 36.18 -0.63 0.00 | 38.19 -0.82 0.00 | 43.64 -1.16 0.00 | 53.93 -1.50 0.00 | 57.92 -1.49 0.00 | 49.66 -1.54 0.00 | 47.65 -1.68 0.00 | 43.68 -1.26 0.00 | 39.79 -1.32 0.00 | 39.04 -1.00 0.00 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 37.14 -1.71 0.00 | 34.95 -1.57 0.00 | 34.55 -1.40 0.00 | 34.89 -1.30 0.00 | 36.04 -1.23 0.00 | 40.71 -1.13 0.00 | 51.20 -1.58 0.00 | 56.10 -1.97 0.00 | 45.72 -1.61 0.00 | 39.26 -1.72 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 35.04 -1.69 0.00 | 35.12 -1.69 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.77 -3.66 0.00 | 55.60 -3.80 0.00 | 47.51 -3.69 0.00 | 45.78 -3.55 0.00 | 42.06 -2.88 0.00 | 38.39 -2.71 0.00 | 37.80 -2.24 0.00 |
| STA_56___34_KV_BUS2 355983 | 37.14 -1.71 0.00 | 34.95 -1.57 0.00 | 34.55 -1.40 0.00 | 34.89 -1.30 0.00 | 36.04 -1.23 0.00 | 40.71 -1.13 0.00 | 51.20 -1.58 0.00 | 56.10 -1.97 0.00 | 45.72 -1.61 0.00 | 39.26 -1.72 0.00 | 37.36 -1.60 0.00 | 36.43 -1.56 0.00 | 35.39 -1.47 0.00 | 35.04 -1.69 0.00 | 35.12 -1.69 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.77 -3.66 0.00 | 55.60 -3.80 0.00 | 47.51 -3.69 0.00 | 45.78 -3.55 0.00 | 42.06 -2.88 0.00 | 38.39 -2.71 0.00 | 37.80 -2.24 0.00 |
| STA_67___115KV_BK2 355882 | 37.18 -1.67 0.00 | 35.02 -1.50 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.08 -1.19 0.00 | 40.79 -1.05 0.00 | 51.25 -1.53 0.00 | 56.15 -1.92 0.00 | 45.76 -1.56 0.00 | 39.30 -1.68 0.00 | 37.40 -1.56 0.00 | 36.47 -1.52 0.00 | 35.43 -1.44 0.00 | 35.04 -1.69 0.00 | 35.12 -1.69 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.72 -3.71 0.00 | 55.48 -3.92 0.00 | 47.41 -3.79 0.00 | 45.73 -3.60 0.00 | 42.01 -2.92 0.00 | 38.35 -2.75 0.00 | 37.80 -2.24 0.00 |
| STA_7___115KV_9TRANS 80674 | 37.45 -1.40 0.00 | 35.24 -1.28 0.00 | 34.87 -1.08 0.00 | 35.21 -0.98 0.00 | 36.38 -0.89 0.00 | 41.13 -0.71 0.00 | 51.73 -1.06 0.00 | 56.68 -1.39 0.00 | 46.19 -1.14 0.00 | 39.63 -1.35 0.00 | 37.71 -1.25 0.00 | 36.77 -1.22 0.00 | 35.72 -1.14 0.00 | 35.34 -1.40 0.00 | 35.41 -1.40 0.00 | 37.22 -1.79 0.00 | 42.43 -2.37 0.00 | 52.22 -3.21 0.00 | 56.08 -3.33 0.00 | 47.87 -3.33 0.00 | 46.12 -3.21 0.00 | 42.37 -2.56 0.00 | 38.68 -2.43 0.00 | 38.12 -1.92 0.00 |
| STA_82___115KV_TB1 80780 | 37.18 -1.67 0.00 | 35.02 -1.50 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.12 -1.16 0.00 | 40.79 -1.05 0.00 | 51.25 -1.53 0.00 | 56.15 -1.92 0.00 | 45.76 -1.56 0.00 | 39.30 -1.68 0.00 | 37.40 -1.56 0.00 | 36.47 -1.52 0.00 | 35.43 -1.44 0.00 | 35.04 -1.69 0.00 | 35.15 -1.66 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.72 -3.71 0.00 | 55.48 -3.92 0.00 | 47.46 -3.74 0.00 | 45.73 -3.60 0.00 | 42.01 -2.92 0.00 | 38.35 -2.75 0.00 | 37.80 -2.24 0.00 |
| STEEL___WIND 323596 | 36.91 -1.94 0.00 | 34.91 -1.61 0.00 | 34.41 -1.54 0.00 | 34.74 -1.45 0.00 | 36.05 -1.23 0.00 | 41.29 -0.55 0.00 | 51.41 -1.37 0.00 | 56.04 -2.03 0.00 | 46.00 -1.32 0.00 | 39.38 -1.60 0.00 | 38.06 -0.89 0.00 | 36.66 -1.33 0.00 | 35.42 -1.44 0.00 | 35.01 -1.73 0.00 | 35.12 -1.69 0.00 | 36.56 -2.46 0.00 | 41.31 -3.49 0.00 | 50.16 -5.27 0.00 | 53.70 -5.70 0.00 | 46.18 -4.97 0.06 | 44.05 -5.28 0.00 | 40.80 -4.13 0.00 | 37.57 -3.54 0.00 | 37.04 -3.00 0.00 |
| STEPHTWN_115KV_BK_2 55603 | 40.17 1.32 0.00 | 37.76 1.24 0.00 | 37.17 1.22 0.00 | 37.42 1.23 0.00 | 38.47 1.19 0.00 | 43.10 1.26 0.00 | 54.42 1.64 0.00 | 59.75 1.68 0.00 | 48.60 1.28 0.00 | 42.01 1.02 0.00 | 39.93 0.97 0.00 | 38.94 0.95 0.00 | 37.75 0.88 0.00 | 37.65 0.92 0.00 | 37.73 0.92 0.00 | 39.83 0.82 0.00 | 45.70 0.90 0.00 | 56.65 1.22 0.00 | 60.83 1.43 0.00 | 52.58 1.38 0.00 | 50.86 1.53 0.00 | 46.15 1.21 0.00 | 42.46 1.36 0.00 | 41.28 1.24 0.00 |
| STEUBEN_REC_LFGE 323667 | 37.88 -0.97 0.00 | 35.57 -0.95 0.00 | 34.95 -1.01 0.00 | 35.21 -0.98 0.00 | 36.42 -0.86 0.00 | 41.42 -0.42 0.00 | 52.36 -0.42 0.00 | 57.43 -0.64 0.00 | 47.14 -0.19 0.00 | 40.37 -0.61 0.00 | 38.49 -0.47 0.00 | 37.68 -0.30 0.00 | 36.61 -0.26 0.00 | 36.33 -0.40 0.00 | 36.55 -0.26 0.00 | 38.51 -0.51 0.00 | 43.82 -0.99 0.00 | 53.71 -1.72 0.00 | 57.32 -2.08 0.00 | 49.12 -2.20 -0.12 | 46.12 -3.21 0.00 | 42.06 -2.88 0.00 | 38.11 -3.00 0.00 | 37.56 -2.48 0.00 |
| STILLWATER___SOLAR 323814 | 41.38 2.52 0.00 | 38.82 2.30 0.00 | 38.15 2.19 0.00 | 38.44 2.24 0.00 | 39.66 2.39 0.00 | 43.93 2.09 0.00 | 55.53 2.74 0.00 | 60.86 2.79 0.00 | 49.46 2.13 0.00 | 42.70 1.72 0.00 | 40.36 1.40 0.00 | 39.35 1.37 0.00 | 38.08 1.21 0.00 | 38.02 1.29 0.00 | 38.06 1.25 0.00 | 40.65 1.64 0.00 | 46.91 2.11 0.00 | 58.20 2.77 0.00 | 62.49 3.09 0.00 | 53.96 2.76 0.00 | 52.34 3.01 0.00 | 47.54 2.61 0.00 | 43.94 2.83 0.00 | 42.80 2.76 0.00 |
| STONY___BROOK 24151 | 49.67 3.03 -7.79 | 44.59 2.70 -5.36 | 39.36 2.70 -0.71 | 38.87 2.68 0.00 | 39.96 2.69 0.00 | 47.43 2.64 -2.95 | 58.53 3.59 -2.16 | 62.07 4.00 0.00 | 50.50 3.17 0.00 | 43.57 2.58 0.00 | 40.90 1.95 0.00 | 40.11 2.13 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.39 2.38 0.00 | 47.73 3.09 0.16 | 58.20 3.27 0.50 | 62.36 3.56 0.61 | 54.43 3.74 0.51 | 52.54 3.50 0.29 | 49.69 3.41 -1.34 | 48.19 3.04 -4.04 | 46.83 2.84 -3.95 |
| STURGEON_POOL_HYD 23609 | 40.72 1.86 0.00 | 38.16 1.64 0.00 | 37.53 1.58 0.00 | 37.78 1.59 0.00 | 38.88 1.60 0.00 | 43.43 1.59 0.00 | 54.95 2.16 0.00 | 60.45 2.38 0.00 | 49.22 1.89 0.00 | 42.70 1.72 0.00 | 40.40 1.44 0.00 | 39.43 1.44 0.00 | 38.19 1.33 0.00 | 38.09 1.36 0.00 | 38.24 1.44 0.00 | 40.61 1.60 0.00 | 46.91 2.11 0.00 | 58.04 2.61 0.00 | 62.25 2.85 0.00 | 54.07 2.87 0.00 | 52.09 2.76 0.00 | 47.32 2.38 0.00 | 43.37 2.26 0.00 | 42.04 2.00 0.00 |
| ST_LAW_115_BK7_LBMP 345037 | 38.81 -0.04 0.00 | 36.48 -0.04 0.00 | 35.95 0.00 0.00 | 36.16 -0.04 0.00 | 37.24 -0.04 0.00 | 41.88 0.04 0.00 | 52.84 0.05 0.00 | 58.19 0.12 0.00 | 47.33 0.00 0.00 | 41.02 0.04 0.00 | 39.07 0.12 0.00 | 38.14 0.15 0.00 | 37.01 0.15 0.00 | 36.92 0.18 0.00 | 37.03 0.22 0.00 | 39.40 0.39 0.00 | 45.34 0.54 0.00 | 56.21 0.78 0.00 | 60.12 0.72 0.00 | 51.51 0.31 0.00 | 49.63 0.30 0.00 | 45.21 0.27 0.00 | 41.23 0.12 0.00 | 40.20 0.16 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| ST_LAW_115_BK8_LBMP 345038 | 38.81 -0.04 0.00 | 36.48 -0.04 0.00 | 35.95 0.00 0.00 | 36.16 -0.04 0.00 | 37.24 -0.04 0.00 | 41.88 0.04 0.00 | 52.84 0.05 0.00 | 58.19 0.12 0.00 | 47.33 0.00 0.00 | 41.02 0.04 0.00 | 39.07 0.12 0.00 | 38.14 0.15 0.00 | 37.01 0.15 0.00 | 36.92 0.18 0.00 | 37.03 0.22 0.00 | 39.40 0.39 0.00 | 45.34 0.54 0.00 | 56.21 0.78 0.00 | 60.12 0.72 0.00 | 51.51 0.31 0.00 | 49.63 0.30 0.00 | 45.21 0.27 0.00 | 41.23 0.12 0.00 | 40.20 0.16 0.00 |
| ST_LAW_230_BK5_LBMP 345035 | 38.77 -0.08 0.00 | 36.48 -0.04 0.00 | 35.92 -0.04 0.00 | 36.12 -0.07 0.00 | 37.20 -0.07 0.00 | 41.84 0.00 0.00 | 52.78 0.00 0.00 | 58.19 0.12 0.00 | 47.33 0.00 0.00 | 41.02 0.04 0.00 | 39.03 0.08 0.00 | 38.10 0.11 0.00 | 37.01 0.15 0.00 | 36.88 0.15 0.00 | 37.03 0.22 0.00 | 39.36 0.35 0.00 | 45.29 0.49 0.00 | 56.15 0.72 0.00 | 60.12 0.72 0.00 | 51.46 0.26 0.00 | 49.63 0.30 0.00 | 45.16 0.23 0.00 | 41.19 0.08 0.00 | 40.16 0.12 0.00 |
| ST_LAW_230_BK6_LBMP 345036 | 38.77 -0.08 0.00 | 36.48 -0.04 0.00 | 35.92 -0.04 0.00 | 36.12 -0.07 0.00 | 37.20 -0.07 0.00 | 41.84 0.00 0.00 | 52.78 0.00 0.00 | 58.19 0.12 0.00 | 47.33 0.00 0.00 | 41.02 0.04 0.00 | 39.03 0.08 0.00 | 38.10 0.11 0.00 | 37.01 0.15 0.00 | 36.88 0.15 0.00 | 37.03 0.22 0.00 | 39.36 0.35 0.00 | 45.29 0.49 0.00 | 56.15 0.72 0.00 | 60.12 0.72 0.00 | 51.46 0.26 0.00 | 49.63 0.30 0.00 | 45.16 0.23 0.00 | 41.19 0.08 0.00 | 40.16 0.12 0.00 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 40.37 1.52 0.00 | 37.87 1.35 0.00 | 37.25 1.29 0.00 | 37.46 1.27 0.00 | 38.54 1.27 0.00 | 43.05 1.21 0.00 | 54.42 1.64 0.00 | 59.87 1.80 0.00 | 48.84 1.51 0.00 | 42.46 1.48 0.00 | 40.24 1.29 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.95 1.21 0.00 | 38.06 1.25 0.00 | 40.38 1.37 0.00 | 46.50 1.70 0.00 | 57.43 2.00 0.00 | 61.60 2.20 0.00 | 53.50 2.30 0.00 | 51.55 2.22 0.00 | 46.91 1.98 0.00 | 43.00 1.89 0.00 | 41.72 1.68 0.00 |
| SWANROAD_115KV_TB1 355699 | 35.55 -3.30 0.00 | 33.56 -2.96 0.00 | 33.22 -2.73 0.00 | 33.55 -2.64 0.00 | 34.74 -2.53 0.00 | 39.33 -2.51 0.00 | 49.14 -3.64 0.00 | 53.60 -4.47 0.00 | 43.92 -3.41 0.00 | 37.62 -3.36 0.00 | 35.76 -3.19 0.00 | 34.87 -3.12 0.00 | 33.91 -2.95 0.00 | 33.47 -3.27 0.00 | 33.53 -3.28 0.00 | 34.92 -4.10 0.00 | 39.47 -5.33 0.00 | 47.95 -7.48 0.00 | 51.38 -8.02 0.00 | 43.94 -7.22 0.04 | 42.37 -6.96 0.00 | 39.14 -5.80 0.00 | 35.89 -5.22 0.00 | 35.76 -4.28 0.00 |
| SYNERGY___BIOGAS 323694 | 37.30 -1.56 0.00 | 35.24 -1.28 0.00 | 34.80 -1.15 0.00 | 35.18 -1.01 0.00 | 36.42 -0.86 0.00 | 41.71 -0.13 0.00 | 51.94 -0.85 0.00 | 56.74 -1.33 0.00 | 46.24 -1.09 0.00 | 39.47 -1.52 0.00 | 38.18 -0.78 0.00 | 36.77 -1.22 0.00 | 35.54 -1.33 0.00 | 35.08 -1.65 0.00 | 35.26 -1.54 0.00 | 36.83 -2.18 0.00 | 41.80 -3.00 0.00 | 51.16 -4.27 0.00 | 54.95 -4.46 0.00 | 46.87 -4.30 0.03 | 44.99 -4.34 0.00 | 41.66 -3.28 0.00 | 38.23 -2.88 0.00 | 37.56 -2.48 0.00 |
| SYRACUSE___ENERGY_ST1 323597 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |
| SYRACUSE___ENERGY_ST2 323598 | 38.50 -0.35 0.00 | 36.19 -0.33 0.00 | 35.66 -0.29 0.00 | 35.94 -0.25 0.00 | 37.05 -0.22 0.00 | 41.71 -0.13 0.00 | 52.68 -0.11 0.00 | 57.90 -0.17 0.00 | 47.28 -0.05 0.00 | 40.74 -0.25 0.00 | 38.76 -0.19 0.00 | 37.76 -0.23 0.00 | 36.64 -0.22 0.00 | 36.44 -0.29 0.00 | 36.55 -0.26 0.00 | 38.66 -0.35 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.75 -0.65 0.00 | 50.64 -0.56 0.00 | 48.64 -0.69 0.00 | 44.40 -0.54 0.00 | 40.53 -0.58 0.00 | 39.56 -0.48 0.00 |
| SYRACUSE___POWER 24017 | 38.35 -0.51 0.00 | 36.04 -0.47 0.00 | 35.52 -0.43 0.00 | 35.79 -0.40 0.00 | 36.90 -0.37 0.00 | 41.51 -0.33 0.00 | 52.47 -0.32 0.00 | 57.66 -0.41 0.00 | 47.14 -0.19 0.00 | 40.61 -0.37 0.00 | 38.64 -0.31 0.00 | 37.65 -0.34 0.00 | 36.53 -0.33 0.00 | 36.33 -0.40 0.00 | 36.44 -0.37 0.00 | 38.54 -0.47 0.00 | 44.17 -0.63 0.00 | 54.54 -0.89 0.00 | 58.51 -0.89 0.00 | 50.43 -0.77 0.00 | 48.44 -0.89 0.00 | 44.22 -0.72 0.00 | 40.41 -0.70 0.00 | 39.40 -0.64 0.00 |
| TALLMAN___138KV_BK151 55660 | 40.56 1.71 0.00 | 37.98 1.46 0.00 | 37.39 1.44 0.00 | 37.60 1.41 0.00 | 38.69 1.42 0.00 | 43.14 1.30 0.00 | 54.47 1.69 0.00 | 60.04 1.97 0.00 | 48.98 1.66 0.00 | 42.66 1.68 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.26 1.40 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.68 1.88 0.00 | 57.59 2.16 0.00 | 61.78 2.38 0.00 | 53.71 2.51 0.00 | 51.75 2.42 0.00 | 47.14 2.20 0.00 | 43.20 2.10 0.00 | 41.88 1.84 0.00 |
| TEALLAVE_115KV_TB7 355573 | 38.19 -0.66 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.34 -0.50 0.00 | 52.20 -0.58 0.00 | 57.37 -0.70 0.00 | 46.99 -0.33 0.00 | 40.49 -0.49 0.00 | 38.53 -0.43 0.00 | 37.53 -0.46 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.33 -0.48 0.00 | 38.43 -0.59 0.00 | 44.04 -0.76 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.12 -1.08 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| TELGRAPH_34_KV_EAST 80808 | 36.60 -2.25 0.00 | 34.51 -2.01 0.00 | 34.15 -1.80 0.00 | 34.53 -1.66 0.00 | 35.75 -1.53 0.00 | 40.54 -1.30 0.00 | 50.78 -2.01 0.00 | 55.46 -2.61 0.00 | 45.34 -1.99 0.00 | 38.77 -2.21 0.00 | 36.85 -2.10 0.00 | 35.94 -2.05 0.00 | 34.95 -1.92 0.00 | 34.46 -2.28 0.00 | 34.53 -2.28 0.00 | 36.09 -2.93 0.00 | 40.86 -3.94 0.00 | 49.83 -5.60 0.00 | 53.40 -6.00 0.00 | 45.64 -5.53 0.03 | 43.90 -5.43 0.00 | 40.58 -4.36 0.00 | 37.12 -3.99 0.00 | 36.88 -3.16 0.00 |
| TEMPLE___115KV_TB 2 55572 | 38.19 -0.66 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.75 -0.52 0.00 | 41.34 -0.50 0.00 | 52.20 -0.58 0.00 | 57.37 -0.70 0.00 | 46.95 -0.38 0.00 | 40.49 -0.49 0.00 | 38.53 -0.43 0.00 | 37.53 -0.46 0.00 | 36.42 -0.44 0.00 | 36.22 -0.51 0.00 | 36.29 -0.52 0.00 | 38.39 -0.62 0.00 | 43.99 -0.81 0.00 | 54.21 -1.22 0.00 | 58.15 -1.25 0.00 | 50.12 -1.08 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| TIANA____69_KV_BK 1 55817 | 49.44 2.80 -7.79 | 44.40 2.52 -5.36 | 39.22 2.55 -0.71 | 38.80 2.61 0.00 | 39.88 2.61 0.00 | 47.09 2.30 -2.95 | 57.84 2.90 -2.16 | 61.15 3.08 0.00 | 49.31 1.99 0.00 | 42.91 1.93 0.00 | 40.12 1.17 0.00 | 39.39 1.41 0.00 | 37.93 1.07 0.00 | 37.84 1.10 0.00 | 37.73 0.92 0.00 | 40.34 1.33 0.00 | 43.06 1.61 3.36 | 46.13 1.44 10.74 | 48.26 1.96 13.10 | 42.45 2.15 10.90 | 45.28 2.22 6.27 | 40.79 2.25 6.40 | 38.34 2.06 4.82 | 35.50 1.80 6.34 |
| TILDEN___115KV_TB1 80814 | 38.35 -0.51 0.00 | 36.04 -0.47 0.00 | 35.52 -0.43 0.00 | 35.79 -0.40 0.00 | 36.90 -0.37 0.00 | 41.51 -0.33 0.00 | 52.47 -0.32 0.00 | 57.66 -0.41 0.00 | 47.14 -0.19 0.00 | 40.61 -0.37 0.00 | 38.64 -0.31 0.00 | 37.65 -0.34 0.00 | 36.53 -0.33 0.00 | 36.33 -0.40 0.00 | 36.44 -0.37 0.00 | 38.54 -0.47 0.00 | 44.17 -0.63 0.00 | 54.54 -0.89 0.00 | 58.51 -0.89 0.00 | 50.43 -0.77 0.00 | 48.44 -0.89 0.00 | 44.22 -0.72 0.00 | 40.41 -0.70 0.00 | 39.40 -0.64 0.00 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| TRIGEN___CC 323695 | 49.16 2.53 -7.79 | 44.11 2.23 -5.36 | 38.82 2.16 -0.71 | 38.33 2.14 0.00 | 39.40 2.12 0.00 | 46.97 2.18 -2.95 | 57.84 2.90 -2.16 | 61.09 3.02 0.00 | 49.79 2.46 0.00 | 43.28 2.30 0.00 | 40.94 1.99 0.00 | 39.96 1.98 0.00 | 38.67 1.81 0.00 | 38.57 1.84 0.00 | 38.72 1.91 0.00 | 41.24 2.22 0.00 | 47.67 2.87 0.00 | 58.48 3.05 0.00 | 62.79 3.39 0.00 | 54.68 3.48 0.00 | 52.73 3.40 0.00 | 49.84 3.19 -1.71 | 48.54 2.96 -4.47 | 47.21 2.72 -4.45 |
| TRINITY___115KV___4 BK 55933 | 39.86 1.01 0.00 | 37.47 0.95 0.00 | 36.85 0.90 0.00 | 37.10 0.90 0.00 | 38.13 0.86 0.00 | 42.63 0.79 0.00 | 53.79 1.00 0.00 | 59.12 1.05 0.00 | 48.13 0.80 0.00 | 41.72 0.74 0.00 | 39.69 0.74 0.00 | 38.71 0.72 0.00 | 37.56 0.70 0.00 | 37.47 0.73 0.00 | 37.51 0.70 0.00 | 39.56 0.55 0.00 | 45.25 0.45 0.00 | 56.04 0.61 0.00 | 60.11 0.71 0.00 | 52.02 0.82 0.00 | 50.32 0.99 0.00 | 45.74 0.81 0.00 | 42.09 0.99 0.00 | 40.96 0.92 0.00 |
| UNION___PROCESSING_DRP 323587 | 37.18 -1.67 0.00 | 35.02 -1.50 0.00 | 34.62 -1.33 0.00 | 34.96 -1.23 0.00 | 36.12 -1.16 0.00 | 40.79 -1.05 0.00 | 51.25 -1.53 0.00 | 56.15 -1.92 0.00 | 45.76 -1.56 0.00 | 39.30 -1.68 0.00 | 37.40 -1.56 0.00 | 36.47 -1.52 0.00 | 35.43 -1.44 0.00 | 35.04 -1.69 0.00 | 35.15 -1.66 0.00 | 36.91 -2.11 0.00 | 42.07 -2.73 0.00 | 51.72 -3.71 0.00 | 55.54 -3.86 0.00 | 47.46 -3.74 0.00 | 45.73 -3.60 0.00 | 42.01 -2.92 0.00 | 38.39 -2.71 0.00 | 37.80 -2.24 0.00 |
| UPPER HUDSON___HYD 24058 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 44.14 2.30 0.00 | 55.79 3.01 0.00 | 61.15 3.08 0.00 | 49.55 2.22 0.00 | 42.74 1.76 0.00 | 40.24 1.28 0.00 | 39.20 1.22 0.00 | 37.86 1.00 0.00 | 37.80 1.07 0.00 | 37.91 1.10 0.00 | 40.65 1.64 0.00 | 47.00 2.19 0.00 | 58.37 2.94 0.00 | 62.73 3.32 0.00 | 54.07 2.87 0.00 | 52.58 3.25 0.00 | 47.85 2.92 0.00 | 44.97 3.86 0.00 | 43.85 3.81 0.00 |
| UPPER RAQUET___HYD 24056 | 39.32 0.47 0.00 | 36.96 0.44 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.43 0.59 0.00 | 53.31 0.53 0.00 | 58.59 0.52 0.00 | 47.47 0.14 0.00 | 41.27 0.29 0.00 | 39.50 0.55 0.00 | 38.67 0.68 0.00 | 37.53 0.66 0.00 | 37.43 0.70 0.00 | 37.58 0.77 0.00 | 40.10 1.09 0.00 | 46.01 1.21 0.00 | 56.98 1.55 0.00 | 60.47 1.07 0.00 | 51.51 0.31 0.00 | 49.82 0.49 0.00 | 45.56 0.63 0.00 | 41.76 0.66 0.00 | 40.84 0.80 0.00 |
| VALLEY44_115KV_TB2 355964 | 37.84 -1.01 0.00 | 35.72 -0.80 0.00 | 35.23 -0.72 0.00 | 35.58 -0.62 0.00 | 36.90 -0.37 0.00 | 41.88 0.04 0.00 | 52.68 -0.11 0.00 | 57.55 -0.52 0.00 | 47.18 -0.14 0.00 | 40.41 -0.57 0.00 | 38.37 -0.58 0.00 | 37.38 -0.61 0.00 | 36.27 -0.59 0.00 | 35.89 -0.84 0.00 | 35.93 -0.88 0.00 | 37.61 -1.40 0.00 | 42.65 -2.15 0.00 | 52.10 -3.33 0.00 | 55.66 -3.74 0.00 | 48.51 -2.66 0.02 | 45.63 -3.70 0.00 | 42.06 -2.88 0.00 | 38.60 -2.51 0.00 | 38.20 -1.84 0.00 |
| VALLEY___115KV_TB 1-4 80826 | 38.54 -0.31 0.00 | 36.15 -0.37 0.00 | 35.52 -0.43 0.00 | 35.76 -0.43 0.00 | 36.79 -0.48 0.00 | 41.30 -0.54 0.00 | 52.04 -0.74 0.00 | 57.32 -0.75 0.00 | 46.76 -0.57 0.00 | 40.61 -0.37 0.00 | 38.57 -0.39 0.00 | 37.68 -0.30 0.00 | 36.57 -0.29 0.00 | 36.48 -0.26 0.00 | 36.55 -0.26 0.00 | 38.86 -0.16 0.00 | 44.71 -0.09 0.00 | 55.60 0.17 0.00 | 59.52 0.12 0.00 | 51.20 0.00 0.00 | 49.18 -0.15 0.00 | 44.62 -0.31 0.00 | 40.74 -0.37 0.00 | 39.60 -0.44 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 41.14 2.29 0.00 | 38.56 2.05 0.00 | 38.00 2.05 0.00 | 38.33 2.14 0.00 | 39.51 2.24 0.00 | 44.43 2.59 0.00 | 56.16 3.38 0.00 | 61.73 3.66 0.00 | 50.12 2.79 0.00 | 43.40 2.42 0.00 | 41.06 2.10 0.00 | 40.00 2.01 0.00 | 38.82 1.95 0.00 | 38.64 1.91 0.00 | 38.69 1.88 0.00 | 41.12 2.11 0.00 | 47.26 2.46 0.00 | 58.87 3.44 0.00 | 63.26 3.86 0.00 | 54.43 3.23 0.00 | 52.39 3.06 0.00 | 47.72 2.79 0.00 | 43.66 2.55 0.00 | 42.48 2.44 0.00 |
| VISCHER___FERRY HYD 24020 | 40.64 1.79 0.00 | 38.16 1.64 0.00 | 37.50 1.54 0.00 | 37.75 1.56 0.00 | 38.88 1.60 0.00 | 43.34 1.50 0.00 | 54.68 1.90 0.00 | 60.05 1.98 0.00 | 48.89 1.56 0.00 | 42.42 1.43 0.00 | 40.20 1.25 0.00 | 39.24 1.25 0.00 | 38.04 1.18 0.00 | 37.94 1.21 0.00 | 37.91 1.10 0.00 | 40.30 1.29 0.00 | 46.32 1.52 0.00 | 57.37 1.94 0.00 | 61.48 2.08 0.00 | 53.30 2.10 0.00 | 51.60 2.27 0.00 | 46.91 1.97 0.00 | 43.12 2.01 0.00 | 42.00 1.96 0.00 |
| V_A_10_SYNC_DSASP 323832 | 36.17 -2.68 0.00 | 34.29 -2.23 0.00 | 33.80 -2.16 0.00 | 34.09 -2.10 0.00 | 35.26 -2.01 0.00 | 40.21 -1.63 0.00 | 49.98 -2.80 0.00 | 54.47 -3.60 0.00 | 44.58 -2.75 0.00 | 38.28 -2.71 0.00 | 37.01 -1.95 0.00 | 35.67 -2.32 0.00 | 34.50 -2.36 0.00 | 34.09 -2.65 0.00 | 34.23 -2.58 0.00 | 35.70 -3.32 0.00 | 40.50 -4.30 0.00 | 49.39 -6.04 0.00 | 52.93 -6.47 0.00 | 45.18 -5.99 0.03 | 43.66 -5.67 0.00 | 40.31 -4.63 0.00 | 37.08 -4.03 0.00 | 36.48 -3.56 0.00 |
| V_CMM_10_SYNC_DSASP 323787 | 38.97 0.12 0.00 | 36.67 0.15 0.00 | 36.13 0.18 0.00 | 36.34 0.15 0.00 | 37.42 0.15 0.00 | 42.09 0.25 0.00 | 53.10 0.32 0.00 | 58.53 0.46 0.00 | 47.56 0.24 0.00 | 41.23 0.25 0.00 | 39.23 0.27 0.00 | 38.29 0.30 0.00 | 37.19 0.33 0.00 | 37.10 0.37 0.00 | 37.21 0.41 0.00 | 39.60 0.59 0.00 | 45.52 0.71 0.00 | 56.48 1.05 0.00 | 60.41 1.01 0.00 | 51.71 0.51 0.00 | 49.82 0.49 0.00 | 45.43 0.50 0.00 | 41.44 0.33 0.00 | 40.40 0.36 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 38.70 -0.15 0.00 | 36.34 -0.18 0.00 | 35.70 -0.25 0.00 | 35.68 -0.51 0.00 | 36.72 -0.56 0.00 | 41.46 -0.38 0.00 | 51.89 -0.90 0.00 | 57.60 -0.47 0.00 | 47.00 -0.33 0.00 | 40.86 -0.12 0.00 | 38.99 0.04 0.00 | 38.10 0.11 0.00 | 37.12 0.26 0.00 | 37.18 0.44 0.00 | 37.51 0.70 0.00 | 40.30 1.29 0.00 | 46.73 1.93 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 53.04 1.84 0.00 | 50.81 1.48 0.00 | 46.01 1.08 0.00 | 41.48 0.37 0.00 | 40.72 0.68 0.00 |
| V_D_10_SYNC_DSASP 323841 | 39.32 0.47 0.00 | 36.99 0.47 0.00 | 36.46 0.50 0.00 | 36.66 0.47 0.00 | 37.76 0.48 0.00 | 42.51 0.67 0.00 | 53.58 0.79 0.00 | 59.00 0.93 0.00 | 47.90 0.57 0.00 | 41.51 0.53 0.00 | 39.58 0.62 0.00 | 38.63 0.65 0.00 | 37.53 0.66 0.00 | 37.40 0.66 0.00 | 37.51 0.70 0.00 | 39.95 0.93 0.00 | 45.92 1.12 0.00 | 56.98 1.55 0.00 | 60.89 1.49 0.00 | 52.02 0.82 0.00 | 50.17 0.84 0.00 | 45.79 0.85 0.00 | 41.76 0.66 0.00 | 40.76 0.72 0.00 |
| V_E_10_SYNC_DSASP 323830 | 41.77 2.92 0.00 | 39.07 2.56 0.00 | 38.43 2.48 0.00 | 38.76 2.57 0.00 | 39.92 2.65 0.00 | 45.36 3.52 0.00 | 57.43 4.65 0.00 | 63.00 4.93 0.00 | 51.02 3.69 0.00 | 44.02 3.03 0.00 | 41.76 2.81 0.00 | 40.53 2.55 0.00 | 39.30 2.43 0.00 | 39.09 2.35 0.00 | 39.24 2.43 0.00 | 41.98 2.96 0.00 | 48.43 3.63 0.00 | 60.92 5.49 0.00 | 65.52 6.12 0.00 | 55.87 4.66 -0.01 | 53.42 4.09 0.00 | 48.57 3.64 0.00 | 44.07 2.96 0.00 | 42.72 2.68 0.00 |
| V_F_30_NSYNC___DSASP 323816 | 41.42 2.56 0.00 | 38.86 2.34 0.00 | 38.22 2.27 0.00 | 38.51 2.32 0.00 | 39.70 2.42 0.00 | 44.01 2.17 0.00 | 55.58 2.80 0.00 | 60.97 2.90 0.00 | 49.55 2.22 0.00 | 42.78 1.80 0.00 | 40.43 1.48 0.00 | 39.43 1.44 0.00 | 38.15 1.29 0.00 | 38.05 1.32 0.00 | 38.13 1.32 0.00 | 40.73 1.71 0.00 | 46.95 2.15 0.00 | 58.26 2.83 0.00 | 62.55 3.15 0.00 | 54.01 2.81 0.00 | 52.39 3.06 0.00 | 47.63 2.70 0.00 | 43.98 2.88 0.00 | 42.88 2.84 0.00 |

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| V_F_30_SYNC_DSASP 323786 | 39.90 1.05 0.00 | 37.51 0.99 0.00 | 36.89 0.93 0.00 | 37.13 0.94 0.00 | 38.21 0.93 0.00 | 42.72 0.88 0.00 | 53.89 1.11 0.00 | 59.17 1.10 0.00 | 48.23 0.90 0.00 | 41.76 0.78 0.00 | 39.73 0.78 0.00 | 38.75 0.76 0.00 | 37.60 0.74 0.00 | 37.51 0.77 0.00 | 37.54 0.74 0.00 | 39.60 0.59 0.00 | 45.34 0.54 0.00 | 56.15 0.72 0.00 | 60.23 0.83 0.00 | 52.12 0.92 0.00 | 50.41 1.09 0.00 | 45.79 0.85 0.00 | 42.14 1.03 0.00 | 41.00 0.96 0.00 |
| V_XM_10_SYNC_DSASP 323789 | 38.70 -0.15 0.00 | 36.34 -0.18 0.00 | 35.70 -0.25 0.00 | 35.68 -0.51 0.00 | 36.72 -0.56 0.00 | 41.46 -0.38 0.00 | 51.89 -0.90 0.00 | 57.60 -0.47 0.00 | 47.00 -0.33 0.00 | 40.86 -0.12 0.00 | 38.99 0.04 0.00 | 38.10 0.11 0.00 | 37.12 0.26 0.00 | 37.18 0.44 0.00 | 37.51 0.70 0.00 | 40.30 1.29 0.00 | 46.73 1.93 0.00 | 58.31 2.88 0.00 | 62.43 3.03 0.00 | 53.04 1.84 0.00 | 50.81 1.48 0.00 | 46.01 1.08 0.00 | 41.48 0.37 0.00 | 40.72 0.68 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 40.68 1.83 0.00 | 38.09 1.57 0.00 | 37.50 1.55 0.00 | 37.71 1.52 0.00 | 38.80 1.53 0.00 | 43.30 1.46 0.00 | 54.68 1.90 0.00 | 60.22 2.15 0.00 | 49.17 1.85 0.00 | 42.79 1.80 0.00 | 40.55 1.60 0.00 | 39.58 1.60 0.00 | 38.34 1.47 0.00 | 38.24 1.51 0.00 | 38.39 1.58 0.00 | 40.69 1.68 0.00 | 46.82 2.02 0.00 | 57.76 2.33 0.00 | 62.02 2.61 0.00 | 53.91 2.71 0.00 | 51.94 2.61 0.00 | 47.27 2.34 0.00 | 43.33 2.22 0.00 | 42.00 1.96 0.00 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 40.91 2.06 0.00 | 38.27 1.75 0.00 | 37.68 1.73 0.00 | 37.89 1.70 0.00 | 38.99 1.71 0.00 | 43.43 1.59 0.00 | 55.05 2.27 0.00 | 60.63 2.56 0.00 | 49.50 2.18 0.00 | 43.11 2.13 0.00 | 40.86 1.91 0.00 | 39.93 1.94 0.00 | 38.71 1.84 0.00 | 38.61 1.87 0.00 | 38.72 1.91 0.00 | 41.00 1.99 0.00 | 47.26 2.46 0.00 | 58.26 2.83 0.00 | 62.49 3.09 0.00 | 54.37 3.17 0.00 | 52.39 3.06 0.00 | 47.68 2.74 0.00 | 43.62 2.51 0.00 | 42.28 2.24 0.00 |
| W50THST__13_KV_LOAD 356117 | 41.03 2.18 0.00 | 38.38 1.86 0.00 | 37.79 1.83 0.00 | 38.00 1.81 0.00 | 39.10 1.83 0.00 | 43.60 1.76 0.00 | 55.21 2.43 0.00 | 60.86 2.79 0.00 | 49.69 2.37 0.00 | 43.28 2.30 0.00 | 41.02 2.06 0.00 | 40.08 2.09 0.00 | 38.85 1.99 0.00 | 38.75 2.02 0.00 | 38.87 2.06 0.00 | 41.20 2.18 0.00 | 47.44 2.64 0.00 | 58.48 3.05 0.00 | 62.73 3.33 0.00 | 54.58 3.38 0.00 | 52.54 3.21 0.00 | 47.81 2.88 0.00 | 43.78 2.67 0.00 | 42.40 2.36 0.00 |
| WADING RIVER_IC_1 23522 | 49.28 2.64 -7.79 | 44.22 2.34 -5.36 | 39.07 2.41 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.88 2.55 0.00 | 42.83 1.85 0.00 | 40.01 1.05 0.00 | 39.39 1.41 0.00 | 37.97 1.10 0.00 | 37.84 1.10 0.00 | 37.69 0.88 0.00 | 40.30 1.29 0.00 | 43.12 1.43 3.12 | 46.67 1.22 9.98 | 48.60 1.37 12.17 | 42.91 1.84 10.13 | 45.23 1.73 5.83 | 40.92 1.80 5.82 | 38.43 1.48 4.16 | 35.79 1.32 5.57 |
| WADING RIVER_IC_2 23547 | 49.28 2.64 -7.79 | 44.22 2.34 -5.36 | 39.07 2.41 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.88 2.55 0.00 | 42.83 1.85 0.00 | 40.01 1.05 0.00 | 39.39 1.41 0.00 | 37.97 1.10 0.00 | 37.84 1.10 0.00 | 37.69 0.88 0.00 | 40.30 1.29 0.00 | 43.12 1.43 3.12 | 46.67 1.22 9.98 | 48.60 1.37 12.17 | 42.91 1.84 10.13 | 45.23 1.73 5.83 | 40.92 1.80 5.82 | 38.43 1.48 4.16 | 35.79 1.32 5.57 |
| WADING RIVER_IC_3 23601 | 49.28 2.64 -7.79 | 44.22 2.34 -5.36 | 39.07 2.41 -0.71 | 38.62 2.43 0.00 | 39.70 2.42 0.00 | 46.80 2.01 -2.95 | 57.79 2.85 -2.16 | 61.20 3.13 0.00 | 49.88 2.55 0.00 | 42.83 1.85 0.00 | 40.01 1.05 0.00 | 39.39 1.41 0.00 | 37.97 1.10 0.00 | 37.84 1.10 0.00 | 37.69 0.88 0.00 | 40.30 1.29 0.00 | 43.12 1.43 3.12 | 46.67 1.22 9.98 | 48.60 1.37 12.17 | 42.91 1.84 10.13 | 45.23 1.73 5.83 | 40.92 1.80 5.82 | 38.43 1.48 4.16 | 35.79 1.32 5.57 |
| WALDENNY_12_KV_BK2 80841 | 36.87 -1.98 0.00 | 34.80 -1.72 0.00 | 34.41 -1.55 0.00 | 34.74 -1.45 0.00 | 36.04 -1.23 0.00 | 40.88 -0.96 0.00 | 51.25 -1.53 0.00 | 55.98 -2.09 0.00 | 45.91 -1.42 0.00 | 39.34 -1.64 0.00 | 37.36 -1.60 0.00 | 36.39 -1.60 0.00 | 35.39 -1.47 0.00 | 34.97 -1.76 0.00 | 35.00 -1.80 0.00 | 36.52 -2.50 0.00 | 41.26 -3.54 0.00 | 50.22 -5.21 0.00 | 53.70 -5.70 0.00 | 46.08 -5.07 0.05 | 44.10 -5.23 0.00 | 40.71 -4.22 0.00 | 37.33 -3.78 0.00 | 37.08 -2.96 0.00 |
| WALDEN__HYDRO 24148 | 40.60 1.75 0.00 | 38.05 1.53 0.00 | 37.43 1.47 0.00 | 37.68 1.48 0.00 | 38.77 1.49 0.00 | 43.30 1.46 0.00 | 54.79 2.01 0.00 | 60.28 2.21 0.00 | 49.12 1.80 0.00 | 42.62 1.64 0.00 | 40.36 1.40 0.00 | 39.39 1.41 0.00 | 38.15 1.29 0.00 | 38.06 1.32 0.00 | 38.21 1.40 0.00 | 40.53 1.52 0.00 | 46.77 1.97 0.00 | 57.81 2.38 0.00 | 62.02 2.61 0.00 | 53.86 2.66 0.00 | 51.89 2.57 0.00 | 47.18 2.25 0.00 | 43.25 2.14 0.00 | 41.92 1.88 0.00 |
| WARRENSBURG____ 23737 | 42.27 3.42 0.00 | 39.66 3.14 0.00 | 38.97 3.02 0.00 | 39.30 3.11 0.00 | 40.59 3.32 0.00 | 44.14 2.30 0.00 | 55.79 3.01 0.00 | 61.15 3.08 0.00 | 49.55 2.22 0.00 | 42.74 1.76 0.00 | 40.24 1.28 0.00 | 39.20 1.22 0.00 | 37.86 1.00 0.00 | 37.80 1.07 0.00 | 37.91 1.10 0.00 | 40.65 1.64 0.00 | 47.00 2.19 0.00 | 58.37 2.94 0.00 | 62.73 3.32 0.00 | 54.07 2.87 0.00 | 52.58 3.25 0.00 | 47.85 2.92 0.00 | 44.97 3.86 0.00 | 43.85 3.81 0.00 |
| WATERSIDE____6 8 9 23538 | 38.68 2.29 2.47 | 36.16 2.01 2.37 | 35.02 1.94 2.88 | 37.49 1.92 0.62 | 36.53 1.94 2.69 | 41.61 1.84 2.07 | 54.58 2.48 0.69 | 60.64 2.67 0.10 | 48.12 2.27 1.47 | 41.00 2.30 2.28 | 38.46 2.10 2.59 | 37.35 2.09 2.72 | 36.07 2.03 2.82 | 35.96 2.06 2.84 | 36.07 2.13 2.88 | 38.64 2.18 2.55 | 45.59 2.60 1.81 | 58.36 2.94 0.01 | 62.48 3.09 0.01 | 51.44 3.28 3.04 | 49.59 3.16 2.89 | 46.24 2.92 1.62 | 41.64 2.75 2.22 | 40.15 2.48 2.37 |
| WATKINRD_115KV_LN8_ILLION 55919 | 38.74 -0.12 0.00 | 36.34 -0.18 0.00 | 35.74 -0.22 0.00 | 35.97 -0.22 0.00 | 37.05 -0.22 0.00 | 41.59 -0.25 0.00 | 52.41 -0.37 0.00 | 57.72 -0.35 0.00 | 47.04 -0.28 0.00 | 40.82 -0.16 0.00 | 38.76 -0.19 0.00 | 37.84 -0.15 0.00 | 36.72 -0.15 0.00 | 36.62 -0.11 0.00 | 36.70 -0.11 0.00 | 38.93 -0.08 0.00 | 44.80 0.00 0.00 | 55.60 0.17 0.00 | 59.58 0.18 0.00 | 51.30 0.10 0.00 | 49.33 0.00 0.00 | 44.85 -0.09 0.00 | 40.98 -0.12 0.00 | 39.84 -0.20 0.00 |
| WATSON____69_KV_BK 1 55734 | 49.86 3.22 -7.79 | 44.80 2.92 -5.36 | 39.54 2.88 -0.71 | 39.05 2.86 0.00 | 40.15 2.87 0.00 | 47.76 2.97 -2.95 | 58.79 3.85 -2.16 | 62.02 3.95 0.00 | 50.45 3.12 0.00 | 43.77 2.79 0.00 | 41.33 2.38 0.00 | 40.34 2.36 0.00 | 38.93 2.06 0.00 | 38.83 2.09 0.00 | 39.02 2.21 0.00 | 41.67 2.65 0.00 | 48.30 3.49 0.00 | 59.09 3.66 0.00 | 63.68 4.28 0.00 | 55.30 4.10 0.00 | 53.37 4.05 0.00 | 50.56 3.91 -1.71 | 49.15 3.58 -4.47 | 47.77 3.28 -4.45 |
| WDELAWARE__HYD 323627 | 40.64 1.79 0.00 | 38.09 1.57 0.00 | 37.46 1.51 0.00 | 37.71 1.52 0.00 | 38.84 1.57 0.00 | 43.47 1.63 0.00 | 55.21 2.43 0.00 | 60.74 2.67 0.00 | 49.36 2.03 0.00 | 42.62 1.64 0.00 | 40.16 1.21 0.00 | 39.20 1.22 0.00 | 38.01 1.14 0.00 | 37.91 1.18 0.00 | 38.06 1.25 0.00 | 40.53 1.52 0.00 | 46.86 2.06 0.00 | 58.15 2.72 0.00 | 62.49 3.09 0.00 | 54.17 2.97 0.00 | 52.19 2.86 0.00 | 47.32 2.38 0.00 | 43.24 2.14 0.00 | 41.96 1.92 0.00 |

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|--|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WEST BABYLON___IC 23714 | 49.75 3.11 -7.79 | 44.66 2.78 -5.36 | 39.40 2.73 -0.71 | 38.91 2.71 0.00 | 40.00 2.72 0.00 | 47.64 2.85 -2.95 | 58.64 3.69 -2.16 | 61.84 3.77 0.00 | 50.35 3.03 0.00 | 43.69 2.70 0.00 | 41.29 2.34 0.00 | 40.31 2.32 0.00 | 38.89 2.03 0.00 | 38.79 2.06 0.00 | 39.02 2.21 0.00 | 41.67 2.65 0.00 | 48.25 3.45 0.00 | 59.09 3.66 0.00 | 63.62 4.22 0.00 | 55.30 4.10 0.00 | 53.37 4.05 0.00 | 50.51 3.86 -1.71 | 49.11 3.54 -4.47 | 47.73 3.24 -4.45 |
| WEST CANADA___HYD 24049 | 38.97 0.12 0.00 | 36.63 0.11 0.00 | 36.02 0.07 0.00 | 36.30 0.11 0.00 | 37.39 0.11 0.00 | 41.92 0.08 0.00 | 52.89 0.11 0.00 | 58.24 0.17 0.00 | 47.37 0.05 0.00 | 41.07 0.08 0.00 | 38.99 0.04 0.00 | 38.06 0.08 0.00 | 36.94 0.07 0.00 | 36.81 0.07 0.00 | 36.85 0.04 0.00 | 39.05 0.04 0.00 | 44.85 0.04 0.00 | 55.60 0.17 0.00 | 59.58 0.18 0.00 | 51.35 0.15 0.00 | 49.48 0.15 0.00 | 45.03 0.09 0.00 | 41.23 0.12 0.00 | 40.16 0.12 0.00 |
| WESTERN_NY_WIND 24143 | 37.26 -1.59 0.00 | 35.06 -1.46 0.00 | 34.73 -1.22 0.00 | 35.11 -1.09 0.00 | 36.38 -0.89 0.00 | 41.25 -0.59 0.00 | 51.78 -1.00 0.00 | 56.62 -1.45 0.00 | 46.14 -1.18 0.00 | 39.43 -1.56 0.00 | 37.47 -1.48 0.00 | 36.51 -1.48 0.00 | 35.46 -1.40 0.00 | 35.01 -1.73 0.00 | 35.12 -1.69 0.00 | 36.75 -2.26 0.00 | 41.71 -3.09 0.00 | 51.05 -4.38 0.00 | 54.77 -4.63 0.00 | 46.71 -4.45 0.03 | 44.94 -4.39 0.00 | 41.48 -3.46 0.00 | 37.90 -3.21 0.00 | 37.56 -2.48 0.00 |
| WESTOVER___LESR 323668 | 38.77 -0.08 0.00 | 36.45 -0.07 0.00 | 35.92 -0.04 0.00 | 36.16 -0.04 0.00 | 37.35 0.07 0.00 | 42.05 0.21 0.00 | 53.05 0.26 0.00 | 58.24 0.17 0.00 | 47.52 0.19 0.00 | 40.94 -0.04 0.00 | 38.92 -0.04 0.00 | 37.91 -0.08 0.00 | 36.75 -0.11 0.00 | 36.55 -0.18 0.00 | 36.62 -0.18 0.00 | 38.74 -0.27 0.00 | 44.35 -0.45 0.00 | 54.76 -0.67 0.00 | 58.69 -0.71 0.00 | 50.69 -0.51 0.00 | 48.54 -0.79 0.00 | 44.40 -0.54 0.00 | 40.57 -0.53 0.00 | 39.68 -0.36 0.00 |
| WETHRSFD_WT_PWR 323626 | 36.79 -2.06 0.00 | 34.77 -1.75 0.00 | 34.12 -1.83 0.00 | 34.45 -1.74 0.00 | 35.82 -1.45 0.00 | 41.04 -0.80 0.00 | 51.31 -1.48 0.00 | 56.04 -2.03 0.00 | 45.95 -1.37 0.00 | 39.30 -1.68 0.00 | 37.82 -1.13 0.00 | 36.58 -1.40 0.00 | 35.39 -1.48 0.00 | 35.01 -1.73 0.00 | 35.15 -1.66 0.00 | 36.75 -2.26 0.00 | 41.57 -3.23 0.00 | 50.61 -4.82 0.00 | 54.06 -5.35 0.00 | 46.14 -4.87 0.19 | 44.00 -5.33 0.00 | 40.67 -4.27 0.00 | 37.33 -3.78 0.00 | 36.72 -3.32 0.00 |
| WHAVSTOR_138KV_BK127 55557 | 40.52 1.67 0.00 | 37.98 1.46 0.00 | 37.35 1.40 0.00 | 37.60 1.41 0.00 | 38.65 1.38 0.00 | 43.14 1.30 0.00 | 54.42 1.64 0.00 | 59.93 1.86 0.00 | 48.94 1.61 0.00 | 42.62 1.64 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.23 1.36 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.64 1.84 0.00 | 57.54 2.11 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.70 2.37 0.00 | 47.09 2.16 0.00 | 43.16 2.06 0.00 | 41.88 1.84 0.00 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 40.52 1.67 0.00 | 37.98 1.46 0.00 | 37.35 1.40 0.00 | 37.60 1.41 0.00 | 38.65 1.38 0.00 | 43.14 1.30 0.00 | 54.42 1.64 0.00 | 59.93 1.86 0.00 | 48.94 1.61 0.00 | 42.62 1.64 0.00 | 40.44 1.48 0.00 | 39.47 1.48 0.00 | 38.23 1.36 0.00 | 38.17 1.43 0.00 | 38.28 1.47 0.00 | 40.57 1.56 0.00 | 46.64 1.84 0.00 | 57.54 2.11 0.00 | 61.72 2.32 0.00 | 53.66 2.46 0.00 | 51.70 2.37 0.00 | 47.09 2.16 0.00 | 43.16 2.06 0.00 | 41.88 1.84 0.00 |
| WHITEHAL_115KV_TB1 80871 | 42.66 3.81 0.00 | 40.03 3.51 0.00 | 39.30 3.34 0.00 | 39.67 3.47 0.00 | 41.00 3.73 0.00 | 46.15 4.31 0.00 | 58.59 5.81 0.00 | 64.17 6.10 0.00 | 51.92 4.59 0.00 | 44.47 3.48 0.00 | 42.03 3.08 0.00 | 40.84 2.85 0.00 | 39.37 2.51 0.00 | 39.27 2.53 0.00 | 39.42 2.61 0.00 | 42.37 3.36 0.00 | 47.76 2.96 0.00 | 59.37 3.94 0.00 | 63.92 4.51 0.00 | 55.04 3.84 0.00 | 53.57 4.24 0.00 | 48.62 3.68 0.00 | 44.23 3.12 0.00 | 43.12 3.08 0.00 |
| WHITEPLN_13_KV_LOAD 356215 | 41.14 2.29 0.00 | 38.53 2.01 0.00 | 37.86 1.91 0.00 | 38.11 1.92 0.00 | 39.21 1.94 0.00 | 43.72 1.88 0.00 | 55.37 2.59 0.00 | 61.09 3.02 0.00 | 49.83 2.51 0.00 | 43.28 2.30 0.00 | 40.98 2.03 0.00 | 40.00 2.01 0.00 | 38.74 1.88 0.00 | 38.68 1.95 0.00 | 38.80 1.99 0.00 | 41.16 2.15 0.00 | 47.53 2.73 0.00 | 58.64 3.21 0.00 | 63.03 3.62 0.00 | 54.78 3.58 0.00 | 52.73 3.40 0.00 | 48.04 3.10 0.00 | 43.90 2.80 0.00 | 42.52 2.48 0.00 |
| WM_FLOYD_69_KV_BK2 356380 | 49.32 2.68 -7.79 | 44.26 2.37 -5.36 | 39.07 2.41 -0.71 | 38.62 2.42 0.00 | 39.70 2.42 0.00 | 46.97 2.18 -2.95 | 57.69 2.74 -2.16 | 60.97 2.90 0.00 | 49.27 1.94 0.00 | 42.87 1.89 0.00 | 40.20 1.25 0.00 | 39.43 1.44 0.00 | 37.97 1.11 0.00 | 37.87 1.14 0.00 | 37.84 1.03 0.00 | 40.42 1.40 0.00 | 42.59 1.79 4.01 | 44.22 1.61 12.82 | 45.85 2.08 15.63 | 40.39 2.20 13.01 | 44.06 2.22 7.48 | 39.22 2.25 7.96 | 36.55 2.06 6.62 | 33.42 1.80 8.42 |
| WOODARD___115KV_TB2 355635 | 38.15 -0.70 0.00 | 35.90 -0.62 0.00 | 35.38 -0.58 0.00 | 35.65 -0.54 0.00 | 36.72 -0.56 0.00 | 41.30 -0.54 0.00 | 52.15 -0.63 0.00 | 57.32 -0.75 0.00 | 46.99 -0.33 0.00 | 40.53 -0.45 0.00 | 38.57 -0.39 0.00 | 37.57 -0.42 0.00 | 36.46 -0.41 0.00 | 36.26 -0.48 0.00 | 36.37 -0.44 0.00 | 38.47 -0.55 0.00 | 44.08 -0.72 0.00 | 54.27 -1.16 0.00 | 58.21 -1.19 0.00 | 50.18 -1.02 0.00 | 48.20 -1.13 0.00 | 43.99 -0.94 0.00 | 40.20 -0.90 0.00 | 39.24 -0.80 0.00 |
| YORK___WARBASSE 23770 | 58.60 2.60 -17.14 | 55.30 2.30 -16.48 | 58.14 2.23 -19.96 | 42.73 2.21 -4.34 | 58.17 2.24 -18.65 | 58.34 2.18 -14.32 | 60.46 2.90 -4.77 | 61.87 3.08 -0.73 | 60.22 2.70 -10.20 | 59.36 2.62 -15.76 | 59.33 2.42 -17.96 | 59.23 2.39 -18.85 | 58.77 2.32 -19.58 | 58.77 2.35 -19.68 | 59.21 2.43 -19.97 | 59.18 2.50 -17.67 | 60.27 2.96 -12.52 | 126.59 3.38 -67.78 | 137.02 3.56 -74.05 | 106.21 3.69 -51.32 | 97.71 3.55 -44.82 | 60.32 3.28 -12.11 | 59.61 3.08 -15.42 | 59.32 2.80 -16.47 |