

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/21/2021

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|-------|--------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 40.61 | 37.92 | 36.26 | 36.36 | 39.35 | 42.59 | 53.39 | 43.16 | 48.06 | 54.58 | 57.69 | 52.47 | 49.52 | 46.05 | 60.51 | 71.09 | 58.90 | 57.23 | 81.91 | 59.54 | 63.41 | 49.51 | 42.16 | 42.11 |
| 24138 | 3.09 | 2.91 | 2.88 | 2.91 | 2.93 | 3.19 | 3.36 | 4.12 | 4.67 | 5.26 | 5.61 | 5.45 | 4.99 | 4.71 | 4.93 | 7.00 | 5.41 | 5.21 | 5.14 | 3.85 | 2.53 | 2.55 | 3.66 | 2.80 |
| | -7.02 | -4.38 | -1.99 | -0.79 | -4.12 | -6.62 | -16.31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.72 | -16.18 | -6.24 | -9.54 | -8.82 | -33.15 | -23.04 | -38.94 | -24.24 | -3.95 | -12.01 |
| 74TH STREET_GT_1 | 40.68 | 38.00 | 36.33 | 36.45 | 39.45 | 42.68 | 53.49 | 43.24 | 48.12 | 54.63 | 57.74 | 52.49 | 49.55 | 46.03 | 59.91 | 70.36 | 58.54 | 57.28 | 82.07 | 59.66 | 63.54 | 49.62 | 42.29 | 42.22 |
| 24260 | 3.15 | 2.98 | 2.94 | 3.00 | 3.02 | 3.27 | 3.43 | 4.19 | 4.73 | 5.31 | 5.67 | 5.47 | 5.01 | 4.72 | 4.92 | 7.00 | 5.43 | 5.24 | 5.20 | 3.92 | 2.58 | 2.62 | 3.78 | 2.89 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| 74TH STREET_GT_2 | 40.68 | 38.00 | 36.33 | 36.45 | 39.45 | 42.68 | 53.49 | 43.24 | 48.12 | 54.63 | 57.74 | 52.49 | 49.55 | 46.03 | 59.91 | 70.36 | 58.54 | 57.28 | 82.07 | 59.66 | 63.54 | 49.62 | 42.29 | 42.22 |
| 24261 | 3.15 | 2.98 | 2.94 | 3.00 | 3.02 | 3.27 | 3.43 | 4.19 | 4.73 | 5.31 | 5.67 | 5.47 | 5.01 | 4.72 | 4.92 | 7.00 | 5.43 | 5.24 | 5.20 | 3.92 | 2.58 | 2.62 | 3.78 | 2.89 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| ADK HUDSON___FALLS | 49.78 | 43.44 | 38.55 | 36.99 | 44.73 | 51.27 | 75.94 | 42.46 | 47.30 | 53.60 | 56.18 | 50.83 | 50.51 | 48.49 | 66.60 | 62.83 | 50.43 | 53.92 | 70.25 | 74.34 | 116.76 | 71.92 | 44.53 | 47.31 |
| 24011 | 2.31 | 2.22 | 2.34 | 2.42 | 2.48 | 2.49 | 2.79 | 3.42 | 3.92 | 4.28 | 4.11 | 3.81 | 3.78 | 3.37 | 3.37 | 4.76 | 3.60 | 3.73 | 3.82 | 2.90 | 1.91 | 1.94 | 2.93 | 2.19 |
| | -16.96 | -10.60 | -4.81 | -1.91 | -9.96 | -16.01 | -39.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.59 | -6.50 | -23.84 | -0.22 | -2.88 | -7.00 | -22.81 | -38.80 | -92.90 | -47.26 | -7.05 | -17.82 |
| ADK RESOURCE___RCVRY | 49.92 | 43.52 | 38.65 | 37.09 | 44.87 | 51.39 | 76.19 | 42.77 | 47.66 | 53.98 | 56.47 | 51.07 | 50.76 | 48.73 | 66.86 | 63.13 | 50.64 | 54.17 | 70.52 | 74.62 | 117.06 | 72.11 | 44.76 | 47.53 |
| 23798 | 2.42 | 2.28 | 2.44 | 2.51 | 2.59 | 2.58 | 2.97 | 3.73 | 4.27 | 4.66 | 4.39 | 4.05 | 4.03 | 3.59 | 3.58 | 5.05 | 3.82 | 3.96 | 4.06 | 3.11 | 2.04 | 2.06 | 3.15 | 2.39 |
| | -16.99 | -10.61 | -4.82 | -1.92 | -9.98 | -16.03 | -39.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.60 | -6.52 | -23.88 | -0.22 | -2.87 | -7.01 | -22.84 | -38.87 | -93.08 | -47.33 | -7.06 | -17.84 |
| ADK S GLENS___FALLS | 49.78 | 43.44 | 38.55 | 36.99 | 44.73 | 51.27 | 75.94 | 42.46 | 47.30 | 53.60 | 56.18 | 50.83 | 50.51 | 48.49 | 66.60 | 62.83 | 50.43 | 53.92 | 70.25 | 74.34 | 116.76 | 71.92 | 44.53 | 47.31 |
| 24028 | 2.31 | 2.22 | 2.34 | 2.42 | 2.48 | 2.49 | 2.79 | 3.42 | 3.92 | 4.28 | 4.11 | 3.81 | 3.78 | 3.37 | 3.37 | 4.76 | 3.60 | 3.73 | 3.82 | 2.90 | 1.91 | 1.94 | 2.93 | 2.19 |
| | -16.96 | -10.60 | -4.81 | -1.91 | -9.96 | -16.01 | -39.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.59 | -6.50 | -23.84 | -0.22 | -2.88 | -7.00 | -22.81 | -38.80 | -92.90 | -47.26 | -7.05 | -17.82 |
| ADK_NYS___DAM | 47.60 | 42.25 | 38.08 | 36.88 | 43.50 | 49.23 | 70.53 | 41.78 | 46.50 | 52.75 | 55.55 | 50.32 | 49.39 | 46.56 | 63.22 | 62.21 | 50.32 | 52.89 | 68.57 | 69.35 | 104.32 | 66.63 | 43.44 | 45.86 |
| 23527 | 2.33 | 2.39 | 2.50 | 2.55 | 2.54 | 2.52 | 2.49 | 2.73 | 3.11 | 3.43 | 3.48 | 3.30 | 3.31 | 2.84 | 2.93 | 4.13 | 3.12 | 3.11 | 3.12 | 2.39 | 1.62 | 1.62 | 2.48 | 1.81 |
| | -14.77 | -9.23 | -4.19 | -1.67 | -8.67 | -13.94 | -34.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.93 | -5.10 | -20.90 | -0.23 | -3.25 | -6.59 | -21.83 | -34.31 | -80.76 | -42.29 | -6.40 | -16.75 |
| AIR_PRODUCTS___DRP | 45.87 | 40.77 | 36.80 | 35.75 | 42.00 | 47.43 | 67.50 | 40.24 | 44.73 | 50.75 | 53.48 | 48.45 | 47.44 | 44.86 | 60.83 | 60.12 | 48.42 | 50.15 | 62.34 | 65.27 | 99.10 | 64.19 | 41.99 | 44.66 |
| 24190 | 1.40 | 1.41 | 1.44 | 1.51 | 1.50 | 1.47 | 1.30 | 1.19 | 1.34 | 1.44 | 1.41 | 1.43 | 1.52 | 1.41 | 1.47 | 2.06 | 1.63 | 1.60 | 1.59 | 1.20 | 0.82 | 0.82 | 1.24 | 0.86 |
| | -13.98 | -8.73 | -3.96 | -1.58 | -8.20 | -13.19 | -32.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.78 | -4.83 | -19.97 | -0.22 | -2.83 | -5.35 | -17.12 | -31.43 | -76.34 | -40.66 | -6.20 | -16.50 |
| ALBANY___1 | 45.87 | 40.77 | 36.80 | 35.75 | 42.00 | 47.43 | 67.50 | 40.24 | 44.73 | 50.75 | 53.48 | 48.45 | 47.44 | 44.86 | 60.83 | 60.12 | 48.42 | 50.15 | 62.34 | 65.27 | 99.10 | 64.19 | 41.99 | 44.66 |
| 23571 | 1.40 | 1.41 | 1.44 | 1.51 | 1.50 | 1.47 | 1.30 | 1.19 | 1.34 | 1.44 | 1.41 | 1.43 | 1.52 | 1.41 | 1.47 | 2.06 | 1.63 | 1.60 | 1.59 | 1.20 | 0.82 | 0.82 | 1.24 | 0.86 |
| | -13.98 | -8.73 | -3.96 | -1.58 | -8.20 | -13.19 | -32.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.78 | -4.83 | -19.97 | -0.22 | -2.83 | -5.35 | -17.12 | -31.43 | -76.34 | -40.66 | -6.20 | -16.50 |
| ALBANY___2 | 45.87 | 40.77 | 36.80 | 35.75 | 42.00 | 47.43 | 67.50 | 40.24 | 44.73 | 50.75 | 53.48 | 48.45 | 47.44 | 44.86 | 60.83 | 60.12 | 48.42 | 50.15 | 62.34 | 65.27 | 99.10 | 64.19 | 41.99 | 44.66 |
| 23572 | 1.40 | 1.41 | 1.44 | 1.51 | 1.50 | 1.47 | 1.30 | 1.19 | 1.34 | 1.44 | 1.41 | 1.43 | 1.52 | 1.41 | 1.47 | 2.06 | 1.63 | 1.60 | 1.59 | 1.20 | 0.82 | 0.82 | 1.24 | 0.86 |
| | -13.98 | -8.73 | -3.96 | -1.58 | -8.20 | -13.19 | -32.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.78 | -4.83 | -19.97 | -0.22 | -2.83 | -5.35 | -17.12 | -31.43 | -76.34 | -40.66 | -6.20 | -16.50 |
| ALBANY___3 | 45.87 | 40.77 | 36.80 | 35.75 | 42.00 | 47.43 | 67.50 | 40.24 | 44.73 | 50.75 | 53.48 | 48.45 | 47.44 | 44.86 | 60.83 | 60.12 | 48.42 | 50.15 | 62.34 | 65.27 | 99.10 | 64.19 | 41.99 | 44.66 |
| 23573 | 1.40 | 1.41 | 1.44 | 1.51 | 1.50 | 1.47 | 1.30 | 1.19 | 1.34 | 1.44 | 1.41 | 1.43 | 1.52 | 1.41 | 1.47 | 2.06 | 1.63 | 1.60 | 1.59 | 1.20 | 0.82 | 0.82 | 1.24 | 0.86 |
| | -13.98 | -8.73 | -3.96 | -1.58 | -8.20 | -13.19 | -32.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.78 | -4.83 | -19.97 | -0.22 | -2.83 | -5.35 | -17.12 | -31.43 | -76.34 | -40.66 | -6.20 | -16.50 |
| ALBANY___4 | 45.87 | 40.77 | 36.80 | 35.75 | 42.00 | 47.43 | 67.50 | 40.24 | 44.73 | 50.75 | 53.48 | 48.45 | 47.44 | 44.86 | 60.83 | 60.12 | 48.42 | 50.15 | 62.34 | 65.27 | 99.10 | 64.19 | 41.99 | 44.66 |
| 23574 | 1.40 | 1.41 | 1.44 | 1.51 | 1.50 | 1.47 | 1.30 | 1.19 | 1.34 | 1.44 | 1.41 | 1.43 | 1.52 | 1.41 | 1.47 | 2.06 | 1.63 | 1.60 | 1.59 | 1.20 | 0.82 | 0.82 | 1.24 | 0.86 |
| | -13.98 | -8.73 | -3.96 | -1.58 | -8.20 | -13.19 | -32.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.78 | -4.83 | -19.97 | -0.22 | -2.83 | -5.35 | -17.12 | -31.43 | -76.34 | -40.66 | -6.20 | -16.50 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 46.97 1.68 -14.79 | 41.55 1.68 -9.24 | 37.31 1.72 -4.20 | 36.12 1.79 -1.67 | 42.75 1.77 -8.68 | 48.49 1.76 -13.96 | 69.77 1.66 -34.39 | 40.74 1.69 0.00 | 45.30 1.91 0.00 | 51.41 2.09 0.00 | 54.16 2.08 0.00 | 49.06 2.05 0.00 | 48.17 2.09 -2.94 | 45.66 1.93 -5.11 | 62.34 1.98 -20.96 | 60.88 2.82 -0.22 | 49.00 2.20 -2.85 | 51.19 2.19 -5.81 | 64.53 2.18 -18.72 | 67.74 1.64 -33.45 | 103.91 1.11 -80.86 | 66.28 1.11 -42.45 | 42.64 1.66 -6.44 | 45.37 1.18 -16.89 |
| ALCOA_RYNLDS___DRP 24188 | 29.10 -0.82 0.58 | 29.65 -0.62 0.36 | 30.57 -0.66 0.16 | 31.95 -0.65 0.06 | 31.30 -0.66 0.34 | 31.54 -0.69 0.55 | 31.64 -0.73 1.35 | 38.29 -0.75 0.00 | 42.37 -1.02 0.00 | 48.34 -0.98 0.00 | 51.05 -1.02 0.00 | 45.61 -1.35 0.07 | 33.92 -1.23 7.99 | 14.05 -1.22 23.35 | 28.53 -1.29 9.58 | 56.16 -1.69 0.00 | 42.73 -1.29 -0.06 | 41.64 -1.30 0.26 | 41.42 -1.34 0.86 | 30.26 -1.03 1.36 | 18.08 -0.65 3.21 | 21.02 -0.54 1.16 | 33.89 -0.56 0.11 | 26.85 -0.45 0.00 |
| ALCOA___DSASP 323711 | 29.10 -0.82 0.58 | 29.65 -0.62 0.36 | 30.57 -0.66 0.16 | 31.95 -0.65 0.06 | 31.30 -0.66 0.34 | 31.54 -0.69 0.55 | 31.64 -0.73 1.35 | 38.29 -0.75 0.00 | 42.37 -1.02 0.00 | 48.34 -0.98 0.00 | 51.05 -1.02 0.00 | 45.61 -1.35 0.07 | 33.92 -1.23 7.99 | 14.05 -1.22 23.35 | 28.53 -1.29 9.58 | 56.16 -1.69 0.00 | 42.73 -1.29 -0.06 | 41.64 -1.30 0.26 | 41.42 -1.34 0.86 | 30.26 -1.03 1.36 | 18.08 -0.65 3.21 | 21.02 -0.54 1.16 | 33.89 -0.56 0.11 | 26.85 -0.45 0.00 |
| ALLEGHENY___COGEN 23514 | 33.01 1.28 -1.23 | 32.55 1.16 -0.77 | 32.99 1.24 -0.35 | 34.01 1.21 -0.14 | 34.23 1.21 -0.72 | 35.30 1.37 -1.16 | 38.21 1.64 -2.85 | 40.88 1.83 0.00 | 45.76 2.37 0.00 | 52.24 2.92 0.00 | 55.31 3.24 0.00 | 49.83 2.81 0.00 | 45.18 1.80 -0.24 | 41.13 1.57 -0.94 | 45.78 1.80 -4.58 | 65.03 3.25 -3.93 | 47.14 2.39 -0.79 | 46.43 2.69 -0.55 | 48.07 2.63 -1.81 | 37.45 1.95 -2.86 | 29.83 1.13 -6.76 | 28.30 0.73 -4.85 | 36.00 0.71 -0.73 | 29.96 0.35 -2.32 |
| ALTONA_WT_PWR 323606 | 28.70 -1.22 0.59 | 29.03 -1.24 0.37 | 30.00 -1.24 0.17 | 31.40 -1.20 0.07 | 30.83 -1.13 0.35 | 31.42 -0.80 0.55 | 31.84 -0.51 1.36 | 38.69 -0.36 0.00 | 42.75 -0.64 0.00 | 48.81 -0.51 0.00 | 51.46 -0.61 0.00 | 45.84 -1.11 0.07 | 33.67 -1.21 8.26 | 12.98 -1.50 24.15 | 27.85 -1.64 9.90 | 55.82 -2.03 0.00 | 42.43 -1.58 -0.05 | 41.60 -1.34 0.26 | 41.34 -1.42 0.87 | 30.16 -1.11 1.37 | 17.84 -0.86 3.24 | 20.63 -0.89 1.20 | 33.50 -0.94 0.11 | 26.34 -0.95 0.00 |
| AMERICAN_REF_FUEL 24010 | 30.55 -1.06 -1.10 | 30.26 -1.06 -0.69 | 30.68 -1.03 -0.31 | 31.48 -1.31 -0.12 | 31.52 -1.42 -0.65 | 32.25 -1.56 -1.04 | 34.13 -2.17 -2.58 | 36.02 -3.03 0.00 | 40.54 -3.04 -0.20 | 49.08 -3.11 -2.87 | 47.55 -3.24 1.28 | 23.43 -2.57 21.02 | 24.05 -3.26 15.83 | 21.89 -2.74 14.00 | 15.96 -2.42 21.01 | 54.38 -3.36 0.11 | 20.11 -3.15 20.69 | 31.85 -2.93 8.42 | 38.84 -3.10 1.69 | 32.88 -2.35 -2.58 | 26.30 -1.70 -6.05 | 24.93 -2.17 -4.38 | 31.85 -3.28 -0.58 | 26.41 -2.76 -1.87 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 31.06 -0.65 -1.21 | 30.59 -0.79 -0.76 | 31.10 -0.64 -0.34 | 32.10 -0.70 -0.14 | 32.36 -0.64 -0.71 | 33.69 -0.23 -1.14 | 35.60 -0.93 -2.81 | 37.67 -1.38 0.00 | 43.05 -0.43 -0.09 | 55.76 0.21 -6.22 | 62.92 0.29 -10.56 | 61.98 0.94 -14.03 | 53.08 0.05 -9.89 | 50.80 0.24 -11.95 | 69.46 0.56 -29.50 | 102.96 1.39 -43.72 | 56.89 -0.19 -13.13 | 49.79 -0.34 -6.93 | 46.80 -0.51 -3.69 | 34.97 -0.49 -2.82 | 27.90 -0.70 -6.66 | 26.33 -1.16 -4.77 | 33.67 -1.54 -0.66 | 27.86 -1.55 -2.12 |
| ARTHUR_KILL_GT_1 23520 | 40.50 2.97 -7.03 | 37.78 2.76 -4.39 | 36.12 2.73 -1.99 | 36.23 2.77 -0.79 | 39.26 2.83 -4.13 | 42.53 3.12 -6.63 | 53.25 3.19 -16.34 | 42.96 3.91 0.00 | 47.71 4.32 0.00 | 54.07 4.76 0.00 | 57.16 5.09 0.00 | 52.00 4.98 0.00 | 49.08 4.54 -1.40 | 45.66 4.33 -2.71 | 59.03 4.53 -15.10 | 60.55 6.37 3.67 | 57.85 4.95 -8.96 | 56.24 4.72 -8.32 | 55.52 4.66 -7.23 | 59.00 3.62 -22.73 | 59.61 2.34 -35.33 | 49.42 2.42 -24.28 | 41.95 3.44 -3.96 | 41.98 2.65 -12.04 |
| ARTHUR_KILL_2 23512 | 40.43 2.89 -7.03 | 37.70 2.68 -4.39 | 36.05 2.66 -1.99 | 36.14 2.69 -0.79 | 39.18 2.76 -4.13 | 42.44 3.03 -6.63 | 53.16 3.10 -16.34 | 42.85 3.81 0.00 | 47.59 4.20 0.00 | 53.93 4.62 0.00 | 57.02 4.95 0.00 | 51.87 4.85 0.00 | 48.95 4.42 -1.40 | 45.55 4.22 -2.71 | 58.93 4.43 -15.10 | 60.38 6.20 3.67 | 57.72 4.82 -8.96 | 56.10 4.59 -8.32 | 55.38 4.53 -7.23 | 58.90 3.52 -22.73 | 59.55 2.27 -35.33 | 49.36 2.35 -24.28 | 41.86 3.35 -3.96 | 41.91 2.58 -12.04 |
| ARTHUR_KILL_3 23513 | 40.36 2.84 -7.02 | 37.67 2.66 -4.39 | 35.99 2.60 -1.99 | 36.11 2.66 -0.79 | 39.12 2.70 -4.12 | 42.36 2.96 -6.62 | 53.11 3.07 -16.32 | 42.79 3.75 0.00 | 47.59 4.20 0.00 | 54.01 4.69 0.00 | 57.10 5.03 0.00 | 51.92 4.89 0.00 | 49.01 4.47 -1.40 | 45.57 4.23 -2.72 | 59.82 4.45 -15.97 | 70.07 6.29 -5.93 | 58.29 4.92 -9.41 | 56.74 4.72 -8.83 | 81.48 4.67 -33.19 | 59.26 3.55 -23.06 | 63.26 2.35 -38.97 | 49.36 2.38 -24.26 | 41.92 3.42 -3.95 | 41.96 2.64 -12.02 |
| ARTHUR_KILL_COGEN 323718 | 40.50 2.97 -7.03 | 37.78 2.76 -4.39 | 36.12 2.73 -1.99 | 36.23 2.77 -0.79 | 39.26 2.83 -4.13 | 42.53 3.12 -6.63 | 53.25 3.19 -16.34 | 42.96 3.91 0.00 | 47.71 4.32 0.00 | 54.07 4.76 0.00 | 57.16 5.09 0.00 | 52.00 4.98 0.00 | 49.08 4.54 -1.40 | 45.66 4.33 -2.71 | 59.03 4.53 -15.10 | 60.55 6.37 3.67 | 57.85 4.95 -8.96 | 56.24 4.72 -8.32 | 55.52 4.66 -7.23 | 59.00 3.62 -22.73 | 59.61 2.34 -35.33 | 49.42 2.42 -24.28 | 41.95 3.44 -3.96 | 41.98 2.65 -12.04 |
| ASHOKAN____ 23654 | 41.42 2.42 -8.50 | 38.19 2.25 -5.31 | 36.03 2.22 -2.41 | 35.86 2.24 -0.96 | 39.57 2.28 -4.99 | 43.28 2.48 -8.02 | 56.19 2.72 -19.76 | 42.37 3.33 0.00 | 47.15 3.76 0.00 | 53.44 4.13 0.00 | 56.09 4.02 0.00 | 50.76 3.74 0.00 | 48.26 3.44 -1.69 | 44.81 3.25 -2.94 | 56.08 3.71 -12.97 | 63.29 5.24 -0.20 | 53.41 4.24 -5.22 | 54.99 4.28 -7.51 | 75.62 4.54 -27.45 | 60.23 3.43 -24.16 | 71.05 2.23 -46.88 | 52.56 2.16 -27.68 | 41.95 3.01 -4.40 | 42.30 2.19 -12.81 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 40.67 3.14 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT2_I 24094 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| ASTORIA_GT2_2 24095 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT2_3 24096 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT2_4 24097 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT3_1 24098 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT3_2 24099 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT3_3 24100 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT3_4 24101 | 40.68 3.15 -7.03 | 37.99 2.97 -4.39 | 36.30 2.91 -1.99 | 36.40 2.95 -0.79 | 39.39 2.97 -4.13 | 42.64 3.23 -6.63 | 53.44 3.39 -16.34 | 43.13 4.09 0.00 | 47.98 4.58 0.00 | 54.42 5.10 0.00 | 57.45 5.38 0.00 | 52.20 5.18 0.00 | 49.33 4.80 -1.40 | 45.84 4.51 -2.71 | 60.05 4.71 -15.94 | 70.51 6.73 -5.93 | 58.52 5.18 -9.38 | 57.01 4.97 -8.85 | 81.74 4.86 -33.25 | 59.47 3.72 -23.10 | 63.41 2.45 -39.02 | 49.49 2.49 -24.28 | 42.11 3.60 -3.96 | 42.09 2.75 -12.04 |
| ASTORIA_GT4_1 24102 | 40.68 3.15 -7.03 | 37.99 2.97 -4.3 | | | | | | | | | | | | | | | | | | | | | | |

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|----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|-------|--------|
| ASTORIA_GT_13 24227 | 40.52 | 37.86 | 36.18 | 36.34 | 39.32 | 42.54 | 53.34 | 43.06 | 47.88 | 54.32 | 57.42 | 52.19 | 49.25 | 45.79 | 59.65 | 69.98 | 58.23 | 56.96 | 81.72 | 59.42 | 63.38 | 49.48 | 42.08 | 42.06 |
| | 2.99 | 2.84 | 2.80 | 2.88 | 2.90 | 3.14 | 3.29 | 4.01 | 4.50 | 5.01 | 5.35 | 5.17 | 4.72 | 4.47 | 4.67 | 6.62 | 5.12 | 4.92 | 4.85 | 3.68 | 2.42 | 2.48 | 3.57 | 2.73 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA_GT_5 24106 | 40.72 | 38.03 | 36.35 | 36.43 | 39.44 | 42.69 | 53.50 | 43.21 | 48.06 | 54.52 | 57.56 | 52.30 | 49.42 | 45.92 | 60.14 | 70.64 | 58.62 | 57.10 | 81.85 | 59.55 | 63.45 | 49.53 | 42.17 | 42.13 |
| | 3.19 | 3.01 | 2.96 | 2.98 | 3.01 | 3.28 | 3.44 | 4.16 | 4.67 | 5.20 | 5.49 | 5.28 | 4.88 | 4.59 | 4.81 | 6.86 | 5.28 | 5.06 | 4.97 | 3.80 | 2.49 | 2.53 | 3.66 | 2.80 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.94 | -5.93 | -9.38 | -8.85 | -33.25 | -23.10 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA_GT_7 24107 | 40.72 | 38.03 | 36.35 | 36.43 | 39.44 | 42.69 | 53.50 | 43.21 | 48.06 | 54.52 | 57.56 | 52.30 | 49.42 | 45.92 | 60.14 | 70.64 | 58.62 | 57.10 | 81.85 | 59.55 | 63.45 | 49.53 | 42.17 | 42.13 |
| | 3.19 | 3.01 | 2.96 | 2.98 | 3.01 | 3.28 | 3.44 | 4.16 | 4.67 | 5.20 | 5.49 | 5.28 | 4.88 | 4.59 | 4.81 | 6.86 | 5.28 | 5.06 | 4.97 | 3.80 | 2.49 | 2.53 | 3.66 | 2.80 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.94 | -5.93 | -9.38 | -8.85 | -33.25 | -23.10 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA_GT_8 24108 | 40.72 | 38.03 | 36.35 | 36.43 | 39.44 | 42.69 | 53.50 | 43.21 | 48.06 | 54.52 | 57.56 | 52.30 | 49.42 | 45.92 | 60.14 | 70.64 | 58.62 | 57.10 | 81.85 | 59.55 | 63.45 | 49.53 | 42.17 | 42.13 |
| | 3.19 | 3.01 | 2.96 | 2.98 | 3.01 | 3.28 | 3.44 | 4.16 | 4.67 | 5.20 | 5.49 | 5.28 | 4.88 | 4.59 | 4.81 | 6.86 | 5.28 | 5.06 | 4.97 | 3.80 | 2.49 | 2.53 | 3.66 | 2.80 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.94 | -5.93 | -9.38 | -8.85 | -33.25 | -23.10 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA___2 24149 | 40.68 | 37.99 | 36.30 | 36.40 | 39.39 | 42.64 | 53.44 | 43.13 | 47.98 | 54.42 | 57.45 | 52.20 | 49.33 | 45.84 | 60.05 | 70.51 | 58.52 | 57.01 | 81.74 | 59.47 | 63.41 | 49.49 | 42.11 | 42.09 |
| | 3.15 | 2.97 | 2.91 | 2.95 | 2.97 | 3.23 | 3.39 | 4.09 | 4.58 | 5.10 | 5.38 | 5.18 | 4.80 | 4.51 | 4.71 | 6.73 | 5.18 | 4.97 | 4.86 | 3.72 | 2.45 | 2.49 | 3.60 | 2.75 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.94 | -5.93 | -9.38 | -8.85 | -33.25 | -23.10 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA___3 23516 | 40.52 | 37.86 | 36.18 | 36.34 | 39.32 | 42.54 | 53.34 | 43.06 | 47.88 | 54.32 | 57.42 | 52.19 | 49.25 | 45.79 | 59.65 | 69.98 | 58.23 | 56.96 | 81.72 | 59.42 | 63.38 | 49.48 | 42.08 | 42.06 |
| | 2.99 | 2.84 | 2.80 | 2.88 | 2.90 | 3.14 | 3.29 | 4.01 | 4.50 | 5.01 | 5.35 | 5.17 | 4.72 | 4.47 | 4.67 | 6.62 | 5.12 | 4.92 | 4.85 | 3.68 | 2.42 | 2.48 | 3.57 | 2.73 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA___4 23517 | 40.52 | 37.86 | 36.18 | 36.34 | 39.32 | 42.54 | 53.34 | 43.06 | 47.88 | 54.32 | 57.42 | 52.19 | 49.25 | 45.79 | 59.65 | 69.98 | 58.23 | 56.96 | 81.72 | 59.42 | 63.38 | 49.48 | 42.08 | 42.06 |
| | 2.99 | 2.84 | 2.80 | 2.88 | 2.90 | 3.14 | 3.29 | 4.01 | 4.50 | 5.01 | 5.35 | 5.17 | 4.72 | 4.47 | 4.67 | 6.62 | 5.12 | 4.92 | 4.85 | 3.68 | 2.42 | 2.48 | 3.57 | 2.73 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| ASTORIA___5 23518 | 40.52 | 37.86 | 36.18 | 36.34 | 39.32 | 42.54 | 53.34 | 43.06 | 47.88 | 54.32 | 57.42 | 52.19 | 49.25 | 45.79 | 59.65 | 69.98 | 58.23 | 56.96 | 81.72 | 59.42 | 63.38 | 49.48 | 42.08 | 42.06 |
| | 2.99 | 2.84 | 2.80 | 2.88 | 2.90 | 3.14 | 3.29 | 4.01 | 4.50 | 5.01 | 5.35 | 5.17 | 4.72 | 4.47 | 4.67 | 6.62 | 5.12 | 4.92 | 4.85 | 3.68 | 2.42 | 2.48 | 3.57 | 2.73 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| AST_ENERGY_2_CC3 323677 | 40.49 | 37.81 | 36.14 | 36.27 | 39.27 | 42.50 | 53.27 | 42.98 | 47.82 | 54.26 | 57.36 | 52.14 | 49.21 | 45.73 | 59.95 | 70.34 | 58.43 | 56.93 | 81.67 | 59.37 | 63.34 | 49.44 | 42.05 | 42.03 |
| | 2.97 | 2.80 | 2.76 | 2.82 | 2.85 | 3.10 | 3.23 | 3.94 | 4.43 | 4.95 | 5.29 | 5.12 | 4.67 | 4.41 | 4.62 | 6.55 | 5.10 | 4.91 | 4.86 | 3.67 | 2.42 | 2.47 | 3.54 | 2.72 |
| | -7.02 | -4.39 | -1.99 | -0.79 | -4.12 | -6.62 | -16.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.93 | -5.93 | -9.38 | -8.83 | -33.19 | -23.06 | -38.97 | -24.26 | -3.95 | -12.02 |
| AST_ENERGY_2_CC4 323678 | 40.49 | 37.81 | 36.14 | 36.27 | 39.27 | 42.50 | 53.27 | 42.98 | 47.82 | 54.26 | 57.36 | 52.14 | 49.21 | 45.73 | 59.95 | 70.34 | 58.43 | 56.93 | 81.67 | 59.37 | 63.34 | 49.44 | 42.05 | 42.03 |
| | 2.97 | 2.80 | 2.76 | 2.82 | 2.85 | 3.10 | 3.23 | 3.94 | 4.43 | 4.95 | 5.29 | 5.12 | 4.67 | 4.41 | 4.62 | 6.55 | 5.10 | 4.91 | 4.86 | 3.67 | 2.42 | 2.47 | 3.54 | 2.72 |
| | -7.02 | -4.39 | -1.99 | -0.79 | -4.12 | -6.62 | -16.32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.71 | -15.93 | -5.93 | -9.38 | -8.83 | -33.19 | -23.06 | -38.97 | -24.26 | -3.95 | -12.02 |
| ATHENS_STG_1 23668 | 39.78 | 36.95 | 35.09 | 35.09 | 38.40 | 41.65 | 53.30 | 40.92 | 45.47 | 51.60 | 54.46 | 49.36 | 46.90 | 43.38 | 53.77 | 61.17 | 47.90 | 45.90 | 45.04 | 48.92 | 65.75 | 50.43 | 40.86 | 42.50 |
| | 1.54 | 1.49 | 1.50 | 1.56 | 1.56 | 1.58 | 1.59 | 1.87 | 2.08 | 2.29 | 2.39 | 2.34 | 2.22 | 2.08 | 2.20 | 3.10 | 2.43 | 2.34 | 2.32 | 1.78 | 1.20 | 1.24 | 1.83 | 1.37 |
| | -7.74 | -4.84 | -2.20 | -0.87 | -4.55 | -7.30 | -18.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.54 | -2.68 | -12.17 | -0.22 | -1.53 | -0.37 | 0.90 | -14.50 | -42.61 | -26.46 | -4.48 | -13.84 |
| ATHENS_STG_2 23670 | 39.78 | 36.95 | 35.09 | 35.09 | 38.40 | 41.65 | 53.30 | 40.92 | 45.47 | 51.60 | 54.46 | 49.36 | 46.90 | 43.38 | 53.77 | 61.17 | 47.90 | 45.90 | 45.04 | 48.92 | 65.75 | 50.43 | 40.86 | 42.50 |
| | 1.54 | 1.49 | 1.50 | 1.56 | 1.56 | 1.58 | 1.59 | 1.87 | 2.08 | 2.29 | 2.39 | 2.34 | 2.22 | 2.08 | 2.20 | 3.10 | 2.43 | 2.34 | 2.32 | 1.78 | 1.20 | 1.24 | 1.83 | 1.37 |
| | -7.74 | -4.84 | -2.20 | -0.87 | -4.55 | -7.30 | -18.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.54 | -2.68 | -12.17 | -0.22 | -1.53 | -0.37 | 0.90 | -14.50 | -42.61 | -26.46 | -4.48 | -13.84 |
| ATHENS_STG_3 23677 | 39.78 | 36.95 | 35.09 | 35.09 | 38.40 | 41.65 | 53.30 | 40.92 | 45.47 | 51.60 | 54.46 | 49.36 | 46.90 | 43.38 | 53.77 | 61.17 | 47.90 | 45.90 | 45.04 | 48.92 | 65.75 | 50.43 | 40.86 | 42.50 |
| | 1.54 | 1.49 | 1.50 | 1.56 | 1.56 | 1.58 | 1.59 | 1.87 | 2.08 | 2.29 | 2.39 | 2.34 | 2.22 | 2.08 | 2.20 | 3.10 | 2.43 | 2.34 | 2.32 | 1.78 | 1.20 | 1.24 | 1.83 | 1.37 |
| | -7.74 | -4.84 | -2.20 | -0.87 | -4.55 | -7.30 | -18.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.54 | -2.68 | -12.17 | -0.22 | -1.53 | -0.37 | 0.90 | -14.50 | -42.61 | -26.46 | -4.48 | -13.84 |
| AUBURN___LFGE 323710 | 31.75 | 31.61 | 32.09 | 33.13 | 33.27 | 34.08 | 36.21 | 39.53 | 44.02 | 50.03 | 53.01 | 47.91 | 44.08 | 39.52 | 41.47 | 58.83 | 45.38 | 44.49 | 45.99 | 35.30 | 27.11 | 26.54 | 35.38 | 29.30 |
| | 0.38 | 0.44 | 0.45 | 0.37 | 0.46 | 0.49 | 0.47 | 0.48 | 0.64 | 0.72 | 0.94 | 0.89 | 0.76 | 0.60 | 0.53 | 0.97 | 0.81 | 0.90 | 1.08 | 0.62 | 0.36 | 0.24 | 0.26 | 0.20 |
| | -0.87 | -0.54 | -0.25 | -0.10 | -0.51 | -0.82 | -2.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.17 | -0.30 | -1.54 | 0.00 | -0.62 | -0.39 | -1.29 | -2.03 | -4.80 | -3.58 | -0.56 | -1.80 |
| BABYLON_RES_REC 323704 | 41.33 | 38.64 | 36.91 | 36.94 | 39.99 | 43.23 | 53.87 | 44.06 | 48.73 | 55.02 | 58.21 | 53.01 | 50.06 | 46.32 | 59.28 | 69.64 | 58.42 | 57.94 | 85.85 | 74.16 | 68.94 | 51.73 | 43.06 | 44.33 |
| | 3.79 | 3.61 | 3.52 | 3.48 | 3.56 | 3.80 | 3.77 | 5.02 | 5.34 | 5.71 | 6.14 | 5.99 | 5.52 | 5.04 | 5.00 | 7.14 | 5.76 | 5.87 | 5.97 | 4.47 | 2.84 | 3.03 | 4.54 | 3.54 |
| | -7.05 | -4.40 | -2.00 | -0.79 | -4.14 | -6.65 | -16.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.65 | -14.89 | -4.66 | -8.71 | -8.87 | -36.26 | -37.04 | -44.16 | -25.98 | -3.97 | -13.50 |

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| BARRETT_IC_1 23704 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_10 23701 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_11 23702 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_12 23703 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_2 23705 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_3 23706 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_4 23707 | 41.01 3.47 -7.05 | 38.32 3.29 -4.40 | 36.61 3.22 -2.00 | 36.65 3.20 -0.79 | 39.70 3.26 -4.14 | 42.93 3.50 -6.65 | 53.57 3.47 -16.38 | 43.52 4.47 0.00 | 48.21 4.82 0.00 | 54.56 5.24 0.00 | 57.76 5.69 0.00 | 52.58 5.57 0.00 | 49.65 5.11 -1.40 | 45.98 4.70 -2.65 | 58.99 4.70 -14.89 | 69.17 6.66 -4.66 | 57.95 5.28 -8.71 | 57.37 5.30 -8.87 | 82.35 5.37 -33.37 | 61.07 4.02 -24.41 | 63.62 2.57 -39.11 | 50.88 2.75 -25.40 | 42.66 4.14 -3.97 | 44.09 3.21 -13.58 |
| BARRETT_IC_5 23708 | 41.01 3.47 -7.05 | 38.32 3.29 - | | | | | | | | | | | | | | | | | | | | | | |

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|-----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG2 323683 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG3 323684 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG4 323685 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG5 323686 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG6 323687 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG7 323688 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG8 323689 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BAYONEEC___CTG9 323749 | 40.46 2.94 -7.02 | 37.78 2.77 -4.39 | 36.10 2.72 -1.99 | 36.23 2.77 -0.79 | 39.22 2.80 -4.12 | 42.45 3.05 -6.62 | 53.21 3.17 -16.32 | 42.92 3.88 0.00 | 47.75 4.36 0.00 | 54.19 4.87 0.00 | 57.27 5.20 0.00 | 52.08 5.07 0.00 | 49.16 4.63 -1.40 | 45.69 4.36 -2.71 | 59.91 4.58 -15.93 | 70.26 6.48 -5.93 | 58.38 5.05 -9.38 | 56.88 4.85 -8.83 | 81.61 4.80 -33.19 | 59.33 3.62 -23.06 | 63.32 2.40 -38.97 | 49.42 2.44 -24.26 | 42.01 3.50 -3.95 | 42.00 2.69 -12.02 |
| BEACON___LESR 323632 | 46.55 2.04 -14.01 | 41.34 1.97 -8.75 | 37.32 1.96 -3.97 | 36.32 2.08 -1.58 | 42.53 2.01 -8.22 | 48.02 2.03 -13.22 | 68.34 2.06 -32.56 | 41.07 2.02 0.00 | 45.95 2.56 0.00 | 51.87 2.55 0.00 | 54.84 2.77 0.00 | 49.55 2.53 0.00 | 48.53 2.61 -2.78 | 45.78 2.32 -4.84 | 62.02 2.62 -20.00 | 61.76 3.69 -0.22 | 49.60 2.80 -2.85 | 51.45 2.84 -5.41 | 63.93 2.94 -17.37 | 66.21 2.01 -31.55 | 99.87 1.42 -76.50 | 64.87 1.44 -40.71 | 42.80 2.04 -6.21 | 45.27 1.46 -16.52 |
| BEAVER RIVER___HYD 24048 | 30.27 -0.23 0.00 | 30.44 -0.18 0.00 | 31.30 -0.09 0.00 | 32.58 -0.08 0.00 | 32.32 0.02 0.00 | 32.97 0.20 0.00 | 34.25 0.53 0.00 | 39.67 0.62 0.00 | 44.21 0.82 0.00 | 50.31 0.99 0.00 | 53.24 1.17 0.00 | 48.13 1.14 0.02 | 41.69 1.03 2.48 | 31.65 0.31 7.28 | 36.67 -0.12 2.61 | 57.88 0.03 0.00 | 44.31 0.09 -0.26 | 43.24 0.04 0.00 | 43.83 0.21 0.00 | 32.78 0.13 0.00 | 22.05 0.11 0.00 | 23.55 0.18 -0.64 | 34.78 0.12 -0.10 | 27.57 -0.18 -0.46 |
| BEEBEE_GT_13 23619 | 31.77 0.45 -0.82 | 31.53 0.40 -0.51 | 32.03 0.40 -0.23 | 33.04 0.28 -0.09 | 33.04 0.26 -0.48 | 33.84 0.29 -0.78 | 35.81 0.18 -1.91 | 39.12 0.07 0.00 | 43.68 0.30 0.01 | 49.58 0.55 0.28 | 52.38 0.66 0.35 | 47.71 0.76 0.07 | 43.53 0.24 -0.15 | 39.00 0.27 -0.10 | 40.44 0.47 -0.58 | 57.29 0.79 1.34 | 44.89 0.37 -0.57 | 44.08 0.56 -0.32 | 45.39 0.56 -1.22 | 34.93 0.36 -1.92 | 26.64 0.17 -4.53 | 25.99 -0.08 -3.35 | 34.79 -0.31 -0.54 | 28.66 -0.38 -1.75 |
| BETHLEHEM___GRP 23843 | 45.87 1.40 -13.98 | 40.77 1.41 -8.73 | 36.80 1.44 -3.96 | 35.75 1.51 -1.58 | 42.00 1.50 -8.20 | 47.43 1.47 -13.19 | 67.50 1.30 -32.48 | 40.24 1.19 0.00 | 44.73 1.34 0.00 | 50.75 1.44 0.00 | 53.48 1.41 0.00 | 48.45 1.43 0.00 | 47.44 1.52 -2.78 | 44.86 1.41 -4.83 | 60.83 1.47 -19.97 | 60.12 2.06 -0.22 | 48.42 1.63 -2.83 | 50.15 1.60 -5.35 | 62.34 1.59 -17.12 | 65.27 1.20 -31.43 | 99.10 0.82 -76.34 | 64.19 0.82 -40.66 | 41.99 1.24 -6.20 | 44.66 0.86 -16.50 |
| BETHLEHEM___GS1 323560 | 45.87 1.40 -13.98 | 40.77 1.41 -8.73 | 36.80 1.44 -3.96 | 35.75 1.51 -1.58 | 42.00 1.50 -8.20 | 47.43 1.47 -13.19 | 67.50 1.30 -32.48 | 40.24 1.19 0.00 | 44.73 1.34 0.00 | 50.75 1.44 0.00 | 53.48 1.41 0.00 | 48.45 1.43 0.00 | 47.44 1.52 -2.78 | 44.86 1.41 -4.83 | 60.83 1.47 -19.97 | 60.12 2.06 -0.22 | 48.42 1.63 -2.83 | 50.15 1.60 -5.35 | 62.34 1.59 -17.12 | 65.27 1.20 -31.43 | 99.10 0.82 -76.34 | 64.19 0.82 -40.66 | 41.99 1.24 -6.20 | 44.66 0.86 -16.50 |
| BETHLEHEM___GS2 323561 | 45.87 1.40 -13.98 | 40.77 1.41 -8.73 | 36.80 1.44 -3.96 | 35.75 1.51 -1.58 | 42.00 1.50 -8.20 | 47.43 1.47 -13.19 | 67.50 1.30 -32.48 | 40.24 1.19 0.00 | 44.73 1.34 0.00 | 50.75 1.44 0.00 | 53.48 1.41 0.00 | 48.45 1.43 0.00 | 47.44 1.52 -2.78 | 44.86 1.41 -4.83 | 60.83 1.47 -19.97 | 60.12 2.06 -0.22 | 48.42 1.63 -2.83 | 50.15 1.60 -5.35 | 62.34 1.59 -17.12 | 65.27 1.20 -31.43 | 99.10 0.82 -76.34 | 64.19 0.82 -40.66 | 41.99 1.24 -6.20 | 44.66 0.86 -16.50 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 45.87 1.40 -13.98 | 40.77 1.41 -8.73 | 36.80 1.44 -3.96 | 35.75 1.51 -1.58 | 42.00 1.50 -8.20 | 47.43 1.47 -13.19 | 67.50 1.30 -32.48 | 40.24 1.19 0.00 | 44.73 1.34 0.00 | 50.75 1.44 0.00 | 53.48 1.41 0.00 | 48.45 1.43 0.00 | 47.44 1.52 -2.78 | 44.86 1.41 -4.83 | 60.83 1.47 -19.97 | 60.12 2.06 -0.22 | 48.42 1.63 -2.83 | 50.15 1.60 -5.35 | 62.34 1.59 -17.12 | 65.27 1.20 -31.43 | 99.10 0.82 -76.34 | 64.19 0.82 -40.66 | 41.99 1.24 -6.20 | 44.66 0.86 -16.50 |
| BETHLEHEM___STEEL 23779 | 31.54 -0.12 -1.17 | 31.14 -0.21 -0.73 | 31.60 -0.12 -0.33 | 32.45 -0.34 -0.13 | 32.60 -0.38 -0.68 | 33.46 -0.42 -1.10 | 35.65 -0.78 -2.72 | 37.72 -1.33 0.00 | 42.58 -0.92 -0.11 | 55.64 -0.71 -7.04 | 63.25 -0.66 -11.84 | 62.29 -0.26 -15.53 | 52.88 -1.15 -10.89 | 50.78 -0.89 -13.04 | 70.69 -0.51 -31.79 | 106.56 -0.54 -49.25 | 57.22 -1.12 -14.39 | 49.93 -0.87 -7.61 | 46.43 -1.02 -3.83 | 34.61 -0.75 -2.72 | 27.71 -0.66 -6.42 | 26.20 -1.14 -4.61 | 33.33 -1.85 -0.63 | 27.71 -1.62 -2.03 |
| BETHPAGE_CC_5 323564 | 41.22 3.67 -7.05 | 38.53 3.49 -4.40 | 36.80 3.41 -2.00 | 36.84 3.38 -0.79 | 39.89 3.45 -4.14 | 43.06 3.64 -6.65 | 53.71 3.61 -16.38 | 43.78 4.73 0.00 | 48.44 5.05 0.00 | 54.74 5.42 0.00 | 57.89 5.82 0.00 | 52.74 5.72 0.00 | 49.85 5.31 -1.40 | 46.15 4.88 -2.65 | 59.11 4.82 -14.89 | 69.27 6.76 -4.66 | 58.09 5.42 -8.71 | 57.53 5.46 -8.87 | 82.50 5.52 -33.37 | 61.18 4.13 -24.41 | 63.70 2.65 -39.11 | 51.00 2.88 -25.40 | 42.84 4.32 -3.97 | 44.14 3.37 -13.47 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 31.79 0.11 -1.18 | 31.37 0.00 -0.73 | 31.83 0.10 -0.33 | 32.69 -0.11 -0.13 | 32.87 -0.11 -0.69 | 33.75 -0.13 -1.11 | 35.99 -0.46 -2.74 | 38.12 -0.93 0.00 | 43.07 -0.44 -0.12 | 57.07 -0.15 -7.91 | 65.35 -0.11 -13.39 | 65.08 0.25 -17.80 | 54.93 -0.70 -12.48 | 52.61 -0.47 -14.45 | 73.28 -0.06 -33.94 | 110.40 0.07 -52.48 | 59.73 -0.66 -16.43 | 51.40 -0.44 -8.64 | 47.22 -0.56 -4.15 | 34.98 -0.41 -2.74 | 27.99 -0.43 -6.47 | 26.46 -0.91 -4.65 | 33.67 -1.52 -0.64 | 28.00 -1.34 -2.05 |
| BINGHAMTON___COGEN 23790 | 33.53 0.61 -2.42 | 32.66 0.52 -1.51 | 32.62 0.54 -0.69 | 33.48 0.54 -0.27 | 34.29 0.58 -1.42 | 35.70 0.64 -2.28 | 40.08 0.74 -5.63 | 39.87 0.82 0.00 | 44.53 1.14 0.00 | 50.60 1.29 0.00 | 53.42 1.34 0.00 | 48.37 1.35 0.00 | 44.64 1.02 -0.48 | 40.69 1.00 -1.06 | 45.53 1.02 -5.12 | 60.66 1.53 -1.28 | 46.46 1.09 -1.42 | 45.39 1.12 -1.08 | 48.41 1.21 -3.58 | 39.21 0.91 -5.66 | 35.84 0.55 -13.35 | 32.34 0.42 -9.19 | 36.38 0.46 -1.36 | 31.80 0.34 -4.16 |
| BLACK RIVER___HYD 24047 | 29.80 -0.70 0.00 | 29.94 -0.69 0.00 | 30.88 -0.52 0.00 | 32.16 -0.50 0.00 | 31.91 -0.39 0.00 | 32.64 -0.14 0.00 | 33.94 0.22 0.00 | 39.25 0.20 0.00 | 43.87 0.48 0.00 | 50.01 0.70 0.00 | 53.03 0.95 0.00 | 48.08 1.08 0.02 | 42.48 1.07 1.73 | 33.59 0.05 5.08 | 37.11 -0.57 1.72 | 57.35 -0.50 0.00 | 43.90 -0.37 -0.32 | 42.59 -0.61 0.00 | 43.17 -0.44 0.00 | 32.33 -0.32 0.00 | 21.78 -0.16 0.00 | 23.44 -0.08 -0.80 | 34.35 -0.36 -0.16 | 27.30 -0.71 -0.72 |
| BLISS_WT_PWR 323608 | 31.55 -0.17 -1.22 | 31.11 -0.28 -0.77 | 31.85 0.11 -0.35 | 32.78 -0.02 -0.14 | 33.15 0.13 -0.72 | 34.04 0.11 -1.16 | 36.78 0.22 -2.85 | 40.07 1.02 0.00 | 45.40 1.91 -0.10 | 58.06 2.14 -6.60 | 64.51 0.95 -11.49 | 63.35 1.07 -15.26 | 53.74 -0.14 -10.74 | 50.60 -0.47 -12.45 | 69.22 0.40 -29.43 | 103.75 1.15 -44.75 | 58.31 0.14 -14.21 | 50.68 -0.02 -7.50 | 47.18 -0.32 -3.88 | 35.19 -0.31 -2.85 | 28.36 -0.32 -6.74 | 26.65 -0.90 -4.83 | 33.70 -1.52 -0.67 | 28.09 -1.34 -2.14 |
| BLUE_CIRC_CHEM_DRP 24182 | 43.11 1.37 -11.24 | 39.05 1.41 -7.02 | 36.03 1.44 -3.19 | 35.47 1.54 -1.27 | 40.41 1.52 -6.60 | 44.91 1.53 -10.60 | 61.25 1.41 -26.12 | 40.50 1.45 0.00 | 45.04 1.64 0.00 | 51.16 1.84 0.00 | 53.89 1.81 0.00 | 48.68 1.66 0.00 | 47.07 1.70 -2.23 | 44.04 1.53 -3.89 | 57.57 1.62 -16.55 | 60.42 2.32 -0.25 | 49.68 1.78 -3.95 | 51.03 1.69 -6.14 | 66.43 1.66 -21.14 | 61.36 1.25 -27.46 | 84.41 0.85 -61.61 | 57.94 0.89 -34.33 | 41.30 1.41 -5.34 | 43.17 1.05 -14.83 |
| BOC_GAS_DRP 24189 | 45.17 1.41 -13.26 | 40.30 1.39 -8.28 | 36.57 1.42 -3.76 | 35.65 1.50 -1.50 | 41.57 1.48 -7.78 | 46.76 1.47 -12.51 | 65.97 1.43 -30.82 | 40.60 1.55 0.00 | 45.14 1.75 0.00 | 51.23 1.91 0.00 | 54.02 1.94 0.00 | 48.93 1.91 0.00 | 47.66 1.88 -2.63 | 44.94 1.74 -4.58 | 60.33 1.82 -19.12 | 60.63 2.57 -0.21 | 48.73 2.01 -2.76 | 49.95 1.95 -4.80 | 60.70 1.94 -15.14 | 63.62 1.48 -29.50 | 95.40 1.01 -72.45 | 62.90 1.03 -39.15 | 42.09 1.54 -5.99 | 44.58 1.13 -16.16 |
| BORALEX_4TH_BRANCH 23824 | 47.60 2.33 -14.77 | 42.25 2.39 -9.23 | 38.08 2.50 -4.19 | 36.88 2.55 -1.67 | 43.50 2.54 -8.67 | 49.23 2.52 -13.94 | 70.53 2.49 -34.33 | 41.78 2.73 0.00 | 46.50 3.11 0.00 | 52.75 3.43 0.00 | 55.55 3.48 0.00 | 50.32 3.30 0.00 | 49.39 3.31 -2.93 | 46.56 2.84 -5.10 | 63.22 2.93 -20.90 | 62.21 4.13 -0.23 | 50.32 3.12 -3.25 | 52.89 3.11 -6.59 | 68.57 3.12 -21.83 | 69.35 2.39 -34.31 | 104.32 1.62 -80.76 | 66.63 1.62 -42.29 | 43.44 2.48 -6.40 | 45.86 1.81 -16.75 |
| BOWLINE___1 23526 | 39.79 2.50 -6.79 | 37.21 2.35 -4.24 | 35.62 2.31 -1.92 | 35.72 2.29 -0.77 | 38.61 2.33 -3.99 | 41.71 2.53 -6.40 | 52.10 2.61 -15.78 | 42.16 3.11 0.00 | 46.81 3.42 0.00 | 53.07 3.75 0.00 | 56.11 4.04 0.00 | 50.94 3.93 0.00 | 48.08 3.59 -1.35 | 44.34 3.43 -2.28 | 52.66 3.65 -9.61 | 61.79 5.12 1.18 | 53.28 4.01 -5.32 | 55.48 3.90 -8.38 | 79.02 3.91 -31.49 | 57.75 2.98 -22.12 | 61.56 1.96 -37.66 | 48.30 2.00 -23.58 | 41.27 2.89 -3.83 | 41.19 2.25 -11.64 |
| BOWLINE___2 23595 | 39.79 2.50 -6.79 | 37.21 2.35 -4.24 | 35.62 2.31 -1.92 | 35.72 2.29 -0.77 | 38.62 2.33 -3.99 | 41.71 2.53 -6.40 | 52.12 2.62 -15.78 | 42.17 3.13 0.00 | 46.87 3.48 0.00 | 53.15 3.84 0.00 | 56.18 4.11 0.00 | 51.03 4.01 0.00 | 48.13 3.65 -1.35 | 44.39 3.49 -2.28 | 52.73 3.72 -9.61 | 61.87 5.21 1.19 | 53.35 4.08 -5.32 | 55.54 3.96 -8.39 | 79.08 3.96 -31.49 | 57.80 3.03 -22.12 | 61.60 1.99 -37.67 | 48.32 2.02 -23.58 | 41.29 2.91 -3.83 | 41.19 2.25 -11.64 |
| BROOKHAVEN___DRP 24191 | 41.46 3.91 -7.05 | 38.78 3.75 -4.40 | 37.03 3.64 -2.00 | 37.07 3.61 -0.79 | 40.14 3.70 -4.14 | 43.36 3.94 -6.65 | 53.99 3.89 -16.38 | 44.22 5.18 0.00 | 48.85 5.46 0.00 | 54.93 5.61 0.00 | 58.26 6.19 0.00 | 53.16 6.14 0.00 | 50.20 5.66 -1.40 | 46.40 5.13 -2.65 | 59.32 5.03 -14.89 | 69.66 7.16 -4.66 | 58.38 5.72 -8.71 | 58.08 6.01 -8.87 | 144.75 6.12 -95.01 | 331.02 4.52 -293.86 | 171.54 2.84 -146.76 | 63.51 3.06 -37.73 | 43.20 4.68 -3.97 | 44.55 3.66 -13.59 |
| BROOKLYN_NAVY_YARD 23515 | 40.44 2.92 -7.02 | 37.75 2.74 -4.39 | 36.07 2.69 -1.99 | 36.19 2.74 -0.79 | 39.19 2.77 -4.12 | 42.41 3.01 -6.62 | 53.20 3.16 -16.32 | 42.89 3.84 0.00 | 47.71 4.32 0.00 | 54.15 4.83 0.00 | 57.20 5.14 0.01 | 52.00 4.99 0.01 | 49.10 4.57 -1.39 | 45.63 4.31 -2.70 | 59.83 4.52 -15.92 | 70.19 6.41 -5.92 | 58.30 4.98 -9.37 | 56.83 4.80 -8.83 | 81.57 4.75 -33.19 | 59.30 3.59 -23.06 | 63.27 2.36 -38.97 | 49.37 2.40 -24.25 | 41.96 3.45 -3.95 | 41.96 2.64 -12.02 |
| BROOKLYN___ARMY_DRP 323595 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| BROOME_2_LFGE 323671 | 33.53 0.61 -2.42 | 32.66 0.52 -1.51 | 32.62 0.54 -0.69 | 33.48 0.54 -0.27 | 34.29 0.58 -1.42 | 35.70 0.64 -2.28 | 40.08 0.74 -5.63 | 39.87 0.82 0.00 | 44.53 1.14 0.00 | 50.60 1.29 0.00 | 53.42 1.34 0.00 | 48.37 1.35 0.00 | 44.64 1.02 -0.48 | 40.69 1.00 -1.06 | 45.53 1.02 -5.12 | 60.66 1.53 -1.28 | 46.46 1.09 -1.42 | 45.39 1.12 -1.08 | 48.41 1.21 -3.58 | 39.21 0.91 -5.66 | 35.84 0.55 -13.35 | 32.34 0.42 -9.19 | 36.38 0.46 -1.36 | 31.80 0.34 -4.16 |
| BROOME__LFGE 323600 | 33.53 0.61 -2.42 | 32.66 0.52 -1.51 | 32.62 0.54 -0.69 | 33.48 0.54 -0.27 | 34.29 0.58 -1.42 | 35.70 0.64 -2.28 | 40.08 0.74 -5.63 | 39.87 0.82 0.00 | 44.53 1.14 0.00 | 50.60 1.29 0.00 | 53.42 1.34 0.00 | 48.37 1.35 0.00 | 44.64 1.02 -0.48 | 40.69 1.00 -1.06 | 45.53 1.02 -5.12 | 60.66 1.53 -1.28 | 46.46 1.09 -1.42 | 45.39 1.12 -1.08 | 48.41 1.21 -3.58 | 39.21 0.91 -5.66 | 35.84 0.55 -13.35 | 32.34 0.42 -9.19 | 36.38 0.46 -1.36 | 31.80 0.34 -4.16 |
| BURROWS__LYONSDAL 23803 | 30.14 0.36 0.73 | 30.54 0.37 0.45 | 31.61 0.42 0.21 | 33.02 0.44 0.08 | 32.41 0.53 0.43 | 32.77 0.68 0.68 | 33.01 0.98 1.69 | 40.23 1.18 0.00 | 44.84 1.46 0.00 | 50.99 1.67 0.00 | 53.84 1.77 0.00 | 48.77 1.76 0.01 | 43.25 1.54 1.43 | 35.63 1.03 4.02 | 37.96 0.73 2.17 | 59.03 1.18 0.00 | 45.16 0.96 -0.25 | 43.87 1.00 0.32 | 43.67 1.12 1.07 | 31.76 0.82 1.70 | 18.46 0.53 4.02 | 22.24 0.53 1.02 | 35.12 0.62 0.05 | 27.98 0.32 -0.37 |
| CAITHNESS_CC_1 323624 | 41.45 3.90 -7.05 | 38.77 3.74 -4.40 | 37.03 3.63 -2.00 | 37.06 3.60 -0.79 | 40.12 3.69 -4.14 | 43.35 3.92 -6.65 | 53.96 3.87 -16.38 | 44.19 5.14 0.00 | 48.82 5.43 0.00 | 54.94 5.62 0.00 | 58.26 6.18 0.00 | 53.16 6.14 0.00 | 50.20 5.66 -1.40 | 46.42 5.14 -2.65 | 59.31 5.03 -14.89 | 69.66 7.15 -4.66 | 58.39 5.73 -8.71 | 58.05 5.99 -8.87 | 144.76 6.08 -95.06 | 331.21 4.51 -294.06 | 171.62 2.83 -146.84 | 63.51 3.05 -37.74 | 43.18 4.66 -3.97 | 44.54 3.66 -13.59 |
| CALPINE BETH_PAGE_GT4 24209 | 41.16 3.61 -7.05 | 38.46 3.44 -4.40 | 36.74 3.34 -2.00 | 36.77 3.32 -0.79 | 39.82 3.39 -4.14 | 43.03 3.61 -6.65 | 53.69 3.60 -16.38 | 43.75 4.70 0.00 | 48.44 5.05 0.00 | 54.74 5.43 0.00 | 57.90 5.83 0.00 | 52.74 5.72 0.00 | 49.85 5.31 -1.40 | 46.15 4.88 -2.65 | 59.12 4.84 -14.89 | 69.21 6.70 -4.66 | 58.04 5.38 -8.71 | 57.48 5.41 -8.87 | 82.46 5.47 -33.37 | 61.14 4.08 -24.41 | 63.68 2.63 -39.11 | 51.00 2.88 -25.40 | 42.82 4.30 -3.97 | 44.11 3.37 -13.44 |
| CALPINE_BETH_PAGE_GT_4 323586 | 41.16 3.61 -7.05 | 38.46 3.44 -4.40 | 36.74 3.34 -2.00 | 36.77 3.32 -0.79 | 39.82 3.39 -4.14 | 43.03 3.61 -6.65 | 53.69 3.60 -16.38 | 43.75 4.70 0.00 | 48.44 5.05 0.00 | 54.74 5.43 0.00 | 57.90 5.83 0.00 | 52.74 5.72 0.00 | 49.85 5.31 -1.40 | 46.15 4.88 -2.65 | 59.12 4.84 -14.89 | 69.21 6.70 -4.66 | 58.04 5.38 -8.71 | 57.48 5.41 -8.87 | 82.46 5.47 -33.37 | 61.14 4.08 -24.41 | 63.68 2.63 -39.11 | 51.00 2.88 -25.40 | 42.82 4.30 -3.97 | 44.11 3.37 -13.44 |
| CALPINE_BP_GT1 23823 | 41.16 3.61 -7.05 | 38.46 3.44 -4.40 | 36.74 3.34 -2.00 | 36.77 3.32 -0.79 | 39.82 3.39 -4.14 | 43.03 3.61 -6.65 | 53.69 3.60 -16.38 | 43.75 4.70 0.00 | 48.44 5.05 0.00 | 54.74 5.43 0.00 | 57.90 5.83 0.00 | 52.74 5.72 0.00 | 49.85 5.31 -1.40 | 46.15 4.88 -2.65 | 59.12 4.84 -14.89 | 69.21 6.70 -4.66 | 58.04 5.38 -8.71 | 57.48 5.41 -8.87 | 82.46 5.47 -33.37 | 61.14 4.08 -24.41 | 63.68 2.63 -39.11 | 51.00 2.88 -25.40 | 42.82 4.30 -3.97 | 44.11 3.37 -13.44 |
| CALSPAN__DRP 24200 | 31.54 -0.12 -1.17 | 31.14 -0.21 -0.73 | 31.60 -0.12 -0.33 | 32.45 -0.34 -0.13 | 32.60 -0.38 -0.68 | 33.46 -0.42 -1.10 | 35.65 -0.78 -2.72 | 37.72 -1.33 0.00 | 42.58 -0.92 -0.11 | 55.64 -0.71 -7.04 | 63.25 -0.66 -11.84 | 62.29 -0.26 -15.53 | 52.88 -1.15 -10.89 | 50.78 -0.89 -13.04 | 70.69 -0.51 -31.79 | 106.56 -0.54 -49.25 | 57.22 -1.12 -14.39 | 49.93 -0.87 -7.61 | 46.43 -1.02 -3.83 | 34.61 -0.75 -2.72 | 27.71 -0.66 -6.42 | 26.20 -1.14 -4.61 | 33.33 -1.85 -0.63 | 27.71 -1.62 -2.03 |
| CANDIGU_WT_PWR 323617 | 32.10 -0.01 -1.62 | 31.54 -0.09 -1.01 | 31.89 0.04 -0.46 | 32.84 0.00 -0.18 | 33.28 0.04 -0.95 | 34.47 0.17 -1.52 | 37.73 0.26 -3.76 | 39.13 0.08 0.00 | 43.92 0.50 -0.03 | 52.01 0.76 -1.93 | 56.27 0.89 -3.30 | 52.60 1.09 -4.49 | 46.77 0.22 -3.42 | 43.32 0.23 -4.47 | 52.29 0.31 -12.58 | 73.73 0.86 -15.02 | 49.25 0.33 -4.97 | 46.48 0.52 -2.76 | 47.09 0.47 -3.00 | 36.78 0.36 -3.77 | 30.91 0.06 -8.90 | 28.75 -0.26 -6.28 | 34.77 -0.71 -0.92 | 29.53 -0.66 -2.90 |
| CARR STREET_E_SYR 24060 | 30.40 -0.09 0.00 | 30.49 -0.13 0.00 | 31.23 -0.16 0.00 | 32.46 -0.21 0.00 | 32.11 -0.18 0.00 | 32.62 -0.16 0.00 | 33.66 -0.06 0.00 | 38.98 -0.07 0.00 | 43.42 0.02 0.00 | 49.39 0.07 0.00 | 52.17 0.10 0.00 | 47.28 0.26 0.00 | 43.21 0.07 0.00 | 38.69 0.08 0.00 | 39.83 0.09 -0.34 | 57.99 0.14 0.00 | 44.50 0.08 -0.47 | 43.24 0.04 0.00 | 43.71 0.09 0.00 | 32.68 0.04 0.00 | 21.94 0.00 0.00 | 23.87 -0.08 -1.23 | 34.57 -0.28 -0.30 | 28.42 -0.23 -1.36 |
| CARTHAGE__PAPER 23857 | 30.13 -0.37 0.00 | 30.28 -0.35 0.00 | 31.18 -0.21 0.00 | 32.46 -0.20 0.00 | 32.20 -0.10 0.00 | 32.91 0.13 0.00 | 34.22 0.50 0.00 | 39.64 0.60 0.00 | 44.25 0.86 0.00 | 50.38 1.07 0.00 | 53.37 1.30 0.00 | 48.28 1.27 0.02 | 42.33 1.21 2.02 | 32.99 0.30 5.93 | 37.09 -0.25 2.06 | 57.75 -0.10 0.00 | 44.24 0.00 -0.30 | 43.09 -0.11 0.00 | 43.70 0.08 0.00 | 32.71 0.06 0.00 | 22.02 0.08 0.00 | 23.61 0.15 -0.74 | 34.72 0.04 -0.14 | 27.58 -0.33 -0.62 |
| CASSADAGA_WT_PWR 323784 | 31.20 -0.52 -1.22 | 30.72 -0.67 -0.76 | 31.27 -0.47 -0.34 | 32.29 -0.50 -0.14 | 32.61 -0.40 -0.71 | 34.04 0.12 -1.15 | 35.94 -0.60 -2.83 | 38.16 -0.89 0.00 | 43.63 0.15 -0.09 | 56.50 0.94 -6.23 | 63.59 0.93 -10.59 | 62.64 1.55 -14.07 | 53.63 0.57 -9.92 | 51.25 0.71 -11.92 | 69.71 1.03 -29.29 | 103.27 2.00 -43.43 | 57.32 0.20 -13.17 | 50.26 0.11 -6.96 | 47.21 -0.12 -3.71 | 35.31 -0.17 -2.83 | 28.07 -0.56 -6.69 | 26.49 -1.03 -4.79 | 34.06 -1.16 -0.66 | 28.16 -1.26 -2.13 |
| CE_DUNWOOD__DRP 24194 | 40.17 2.69 -6.99 | 37.52 2.53 -4.37 | 35.87 2.50 -1.98 | 35.92 2.47 -0.79 | 38.91 2.51 -4.10 | 42.08 2.71 -6.59 | 52.79 2.83 -16.24 | 42.48 3.44 0.00 | 47.25 3.86 0.00 | 53.59 4.28 0.00 | 56.66 4.58 0.00 | 51.46 4.45 0.00 | 48.61 4.08 -1.39 | 44.81 3.88 -2.31 | 52.72 4.11 -9.22 | 61.66 5.79 1.98 | 53.57 4.52 -5.09 | 56.35 4.39 -8.77 | 80.98 4.39 -32.96 | 58.89 3.32 -22.93 | 62.90 2.17 -38.79 | 49.07 2.19 -24.16 | 41.64 3.15 -3.94 | 41.69 2.43 -11.97 |
| CE_MILLWOOD__DRP 24193 | 40.09 2.62 -6.97 | 37.44 2.46 -4.35 | 35.81 2.44 -1.98 | 35.87 2.42 -0.79 | 38.84 2.45 -4.09 | 42.00 2.65 -6.57 | 52.66 2.75 -16.19 | 42.39 3.34 0.00 | 47.13 3.74 0.00 | 53.48 4.16 0.00 | 56.51 4.44 0.00 | 51.32 4.30 0.00 | 48.48 3.96 -1.38 | 44.71 3.76 -2.32 | 52.92 3.99 -9.53 | 61.90 5.62 1.56 | 53.64 4.39 -5.29 | 56.18 4.27 -8.72 | 80.68 4.27 -32.78 | 58.71 3.23 -22.83 | 62.71 2.12 -38.65 | 48.95 2.14 -24.09 | 41.56 3.08 -3.92 | 41.59 2.37 -11.93 |
| CE_NYC2_DRP 24202 | 40.54 3.01 -7.03 | 37.87 2.85 -4.39 | 36.20 2.82 -1.99 | 36.34 2.89 -0.79 | 39.33 2.91 -4.13 | 42.56 3.16 -6.63 | 53.35 3.29 -16.34 | 43.07 4.02 0.00 | 47.90 4.51 0.00 | 54.36 5.04 0.00 | 57.45 5.38 0.00 | 52.23 5.21 0.00 | 49.30 4.76 -1.40 | 45.82 4.50 -2.69 | 59.69 4.71 -15.58 | 70.03 6.67 -5.51 | 58.27 5.16 -9.16 | 57.00 4.96 -8.84 | 81.77 4.90 -33.25 | 59.45 3.71 -23.09 | 63.40 2.44 -39.02 | 49.49 2.49 -24.28 | 42.10 3.59 -3.96 | 42.08 2.75 -12.04 |

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| CE_NYC_DRP 24195 | 40.51 2.99 -7.02 | 37.82 2.81 -4.39 | 36.16 2.77 -1.99 | 36.27 2.82 -0.79 | 39.26 2.84 -4.12 | 42.49 3.10 -6.62 | 53.27 3.23 -16.32 | 42.98 3.94 0.00 | 47.82 4.43 0.00 | 54.28 4.97 0.00 | 57.37 5.30 0.00 | 52.15 5.14 0.00 | 49.24 4.70 -1.40 | 45.77 4.44 -2.71 | 60.03 4.66 -15.98 | 70.44 6.60 -5.99 | 58.49 5.14 -9.41 | 56.96 4.94 -8.83 | 81.70 4.89 -33.18 | 59.40 3.70 -23.05 | 63.34 2.43 -38.97 | 49.45 2.47 -24.25 | 42.05 3.55 -3.95 | 42.03 2.72 -12.02 |
| CHAFFEE____LFGE 323603 | 31.68 -0.02 -1.20 | 31.26 -0.12 -0.75 | 31.75 0.01 -0.34 | 32.59 -0.20 -0.13 | 32.79 -0.21 -0.70 | 33.66 -0.24 -1.13 | 35.98 -0.52 -2.78 | 38.05 -1.00 0.00 | 42.96 -0.53 -0.10 | 55.93 -0.28 -6.89 | 63.51 -0.23 -11.67 | 62.53 0.12 -15.40 | 53.12 -0.83 -10.82 | 50.72 -0.66 -12.76 | 69.85 -0.19 -30.64 | 104.87 -0.04 -47.06 | 57.50 -0.75 -14.30 | 50.20 -0.55 -7.55 | 46.76 -0.71 -3.85 | 34.89 -0.54 -2.78 | 28.01 -0.51 -6.58 | 26.43 -1.01 -4.72 | 33.54 -1.66 -0.65 | 27.90 -1.48 -2.08 |
| CHATEAUG_WT_PWR 323614 | 28.67 -1.25 0.59 | 29.01 -1.26 0.37 | 30.00 -1.23 0.17 | 31.40 -1.20 0.07 | 30.82 -1.13 0.35 | 31.37 -0.86 0.55 | 31.74 -0.61 1.36 | 38.55 -0.49 0.00 | 42.57 -0.81 0.00 | 48.61 -0.71 0.00 | 51.27 -0.80 0.00 | 45.69 -1.26 0.07 | 33.53 -1.34 8.26 | 12.83 -1.63 24.16 | 27.75 -1.74 9.91 | 55.67 -2.18 0.00 | 42.31 -1.69 -0.05 | 41.46 -1.48 0.26 | 41.23 -1.52 0.87 | 30.05 -1.22 1.37 | 17.79 -0.91 3.24 | 20.60 -0.92 1.20 | 33.43 -1.01 0.11 | 26.28 -1.02 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 28.68 -1.24 0.58 | 29.04 -1.23 0.36 | 30.02 -1.21 0.16 | 31.42 -1.18 0.06 | 30.85 -1.10 0.34 | 31.37 -0.85 0.55 | 31.73 -0.64 1.35 | 38.53 -0.51 0.00 | 42.56 -0.83 0.00 | 48.59 -0.73 0.00 | 51.27 -0.81 0.00 | 45.66 -1.29 0.07 | 33.68 -1.35 8.11 | 13.31 -1.61 23.71 | 27.94 -1.73 9.73 | 55.68 -2.17 0.00 | 42.37 -1.64 -0.05 | 41.50 -1.44 0.26 | 41.25 -1.51 0.86 | 30.08 -1.20 1.36 | 17.83 -0.89 3.22 | 20.65 -0.89 1.18 | 33.50 -0.94 0.11 | 26.34 -0.96 0.00 |
| CHAUTAUQUA____LFGE 323629 | 31.48 -0.21 -1.20 | 31.02 -0.35 -0.75 | 31.53 -0.21 -0.34 | 32.48 -0.31 -0.13 | 32.73 -0.27 -0.70 | 33.88 -0.02 -1.13 | 35.98 -0.52 -2.78 | 38.13 -0.92 0.00 | 43.46 -0.02 -0.09 | 56.04 0.53 -6.20 | 63.13 0.57 -10.50 | 61.96 1.02 -13.92 | 52.98 0.03 -9.81 | 50.88 0.26 -12.00 | 69.97 0.58 -29.99 | 103.55 1.30 -44.40 | 56.91 -0.06 -13.02 | 49.98 -0.10 -6.88 | 47.07 -0.21 -3.65 | 35.22 -0.21 -2.79 | 28.09 -0.44 -6.58 | 26.53 -0.91 -4.72 | 33.86 -1.35 -0.65 | 28.09 -1.29 -2.09 |
| CH_MIDHUDSON____DRP 24192 | 40.66 2.60 -7.56 | 37.80 2.45 -4.72 | 35.98 2.44 -2.14 | 35.97 2.45 -0.85 | 39.21 2.47 -4.44 | 42.57 2.66 -7.13 | 54.09 2.80 -17.57 | 42.46 3.41 0.00 | 47.19 3.80 0.00 | 53.51 4.20 0.00 | 56.46 4.39 0.00 | 51.24 4.22 0.00 | 48.53 3.89 -1.50 | 44.94 3.70 -2.62 | 55.21 3.92 -11.89 | 63.75 5.59 -0.32 | 54.47 4.40 -6.12 | 56.11 4.32 -8.59 | 80.05 4.36 -32.07 | 59.68 3.29 -23.75 | 65.98 2.15 -41.89 | 50.45 2.16 -25.57 | 41.79 3.10 -4.14 | 42.06 2.35 -12.42 |
| CH_MISC_IPPS 23765 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |
| CH_RES_BVR_FALLS 23983 | 26.85 -0.49 3.16 | 28.23 -0.42 1.97 | 30.09 -0.41 0.90 | 31.90 -0.41 0.36 | 30.02 -0.42 1.85 | 29.42 -0.37 2.98 | 25.98 -0.39 7.35 | 38.60 -0.45 0.00 | 42.95 -0.44 0.00 | 48.75 -0.56 0.00 | 51.50 -0.57 0.00 | 46.55 -0.50 -0.03 | 45.67 -0.42 -2.95 | 47.55 -0.51 -9.43 | 38.85 -0.75 -0.20 | 56.79 -1.04 0.02 | 43.15 -0.93 -0.13 | 40.78 -1.01 1.41 | 37.88 -1.07 4.67 | 24.50 -0.74 7.40 | 3.94 -0.52 17.48 | 15.23 -0.61 6.89 | 32.85 -0.93 0.76 | 25.88 -0.63 0.79 |
| CH_RES_NIAGARA 23895 | 30.60 -0.99 -1.09 | 30.27 -1.04 -0.68 | 30.69 -1.02 -0.31 | 31.49 -1.29 -0.12 | 31.50 -1.44 -0.64 | 32.22 -1.58 -1.03 | 34.07 -2.19 -2.54 | 36.04 -3.01 0.00 | 40.54 -2.98 -0.13 | 52.84 -3.10 -6.62 | 58.69 -3.22 -9.83 | 53.03 -2.59 -8.60 | 45.67 -3.24 -5.77 | 41.58 -2.77 -5.73 | 44.64 -2.45 -7.70 | 81.14 -3.44 -26.73 | 48.34 -3.23 -7.62 | 44.87 -2.89 -4.57 | 43.24 -3.05 -2.67 | 32.90 -2.29 -2.55 | 26.30 -1.68 -6.03 | 24.93 -2.14 -4.35 | 31.89 -3.23 -0.57 | 26.43 -2.72 -1.85 |
| CH_RES_SYRACUSE 23985 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| CLINTON_WT_PWR 323605 | 28.67 -1.25 0.59 | 29.01 -1.26 0.37 | 30.00 -1.23 0.17 | 31.40 -1.20 0.07 | 30.82 -1.13 0.35 | 31.37 -0.86 0.55 | 31.74 -0.61 1.36 | 38.55 -0.49 0.00 | 42.57 -0.81 0.00 | 48.61 -0.71 0.00 | 51.27 -0.80 0.00 | 45.69 -1.26 0.07 | 33.53 -1.34 8.26 | 12.83 -1.63 24.16 | 27.75 -1.74 9.91 | 55.67 -2.18 0.00 | 42.31 -1.69 -0.05 | 41.46 -1.48 0.26 | 41.23 -1.52 0.87 | 30.05 -1.22 1.37 | 17.79 -0.91 3.24 | 20.60 -0.92 1.20 | 33.43 -1.01 0.11 | 26.28 -1.02 0.00 |
| CLINTON____LFGE 323618 | 28.89 -1.02 0.58 | 29.22 -1.04 0.37 | 30.20 -1.03 0.17 | 31.59 -1.00 0.07 | 31.03 -0.93 0.34 | 31.63 -0.60 0.55 | 32.07 -0.29 1.36 | 38.99 -0.06 0.00 | 43.06 -0.33 0.00 | 49.17 -0.15 0.00 | 51.87 -0.20 0.00 | 46.20 -0.75 0.07 | 34.04 -0.88 8.22 | 13.37 -1.21 24.04 | 28.20 -1.34 9.86 | 56.27 -1.58 0.00 | 42.78 -1.22 -0.05 | 41.94 -0.99 0.26 | 41.72 -1.03 0.87 | 30.45 -0.82 1.37 | 18.04 -0.67 3.24 | 20.81 -0.71 1.20 | 33.76 -0.68 0.11 | 26.52 -0.77 0.00 |
| COLONIE_LFGE____ 323577 | 48.33 1.93 -15.90 | 42.50 1.94 -9.93 | 37.91 2.01 -4.51 | 36.54 2.09 -1.79 | 43.71 2.08 -9.33 | 49.86 2.09 -15.00 | 72.76 2.08 -36.96 | 41.37 2.32 0.00 | 46.01 2.63 0.00 | 52.22 2.91 0.00 | 54.96 2.89 0.00 | 49.78 2.76 0.00 | 49.26 2.77 -3.36 | 47.13 2.43 -6.08 | 64.44 2.52 -22.52 | 61.63 3.56 -0.22 | 49.61 2.70 -2.95 | 52.52 2.74 -6.59 | 67.89 2.78 -21.49 | 71.12 2.10 -36.37 | 110.35 1.40 -87.00 | 68.99 1.40 -44.86 | 43.40 2.12 -6.73 | 46.10 1.54 -17.27 |
| COPENHAGEN_WT_PWR 323753 | 29.50 -1.00 0.00 | 29.65 -0.98 0.00 | 30.65 -0.74 0.00 | 31.94 -0.72 0.00 | 31.70 -0.60 0.00 | 32.46 -0.32 0.00 | 33.70 -0.01 0.00 | 38.93 -0.12 0.00 | 43.57 0.18 0.00 | 49.65 0.33 0.00 | 52.70 0.63 0.00 | 47.84 0.83 0.01 | 42.42 0.87 1.59 | 33.78 -0.18 4.66 | 36.96 -0.89 1.55 | 56.91 -0.94 0.00 | 43.53 -0.75 -0.33 | 42.04 -1.16 0.00 | 42.59 -1.03 0.00 | 31.91 -0.73 0.00 | 21.53 -0.41 0.00 | 23.25 -0.30 -0.83 | 34.04 -0.68 -0.17 | 27.01 -1.05 -0.77 |
| CORNELL____ 23752 | 32.89 0.76 -1.63 | 32.34 0.70 -1.02 | 32.56 0.70 -0.46 | 33.55 0.71 -0.18 | 33.99 0.73 -0.96 | 35.15 0.84 -1.54 | 38.56 1.05 -3.80 | 40.25 1.20 0.00 | 44.90 1.51 0.00 | 50.94 1.63 0.00 | 53.83 1.76 0.00 | 48.68 1.67 0.00 | 44.86 1.39 -0.32 | 40.68 1.30 -0.75 | 44.11 1.06 -3.65 | 60.54 1.65 -1.05 | 46.30 1.32 -1.02 | 45.44 1.52 -0.73 | 47.78 1.74 -2.42 | 37.74 1.28 -3.82 | 31.75 0.79 -9.02 | 29.72 0.64 -6.36 | 36.27 0.76 -0.96 | 30.82 0.54 -2.98 |

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|--------------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| COXSACKIE___GT 23611 | 41.98 2.42 -9.06 | 38.63 2.34 -5.66 | 36.32 2.35 -2.57 | 36.09 2.41 -1.02 | 40.05 2.43 -5.32 | 43.87 2.55 -8.55 | 57.47 2.68 -21.06 | 42.19 3.14 0.00 | 46.91 3.52 0.00 | 53.17 3.86 0.00 | 55.87 3.79 0.00 | 50.62 3.60 0.00 | 48.31 3.37 -1.80 | 44.87 3.11 -3.13 | 56.44 3.33 -13.71 | 63.00 4.93 -0.22 | 52.87 3.89 -5.02 | 54.45 3.92 -7.34 | 74.28 4.06 -26.60 | 60.67 3.06 -24.97 | 73.86 2.00 -49.92 | 53.74 1.97 -29.05 | 41.96 2.81 -4.59 | 42.61 2.07 -13.25 |
| CPV_VALLEY___CC1 323721 | 38.48 1.93 -6.05 | 36.20 1.80 -3.78 | 34.87 1.76 -1.72 | 35.10 1.76 -0.68 | 37.64 1.80 -3.55 | 40.44 1.96 -5.70 | 49.77 2.00 -14.05 | 41.46 2.42 0.00 | 46.09 2.70 0.00 | 52.29 2.97 0.00 | 55.25 3.18 0.00 | 50.11 3.09 0.00 | 47.16 2.82 -1.20 | 43.41 2.72 -2.07 | 51.64 2.90 -9.35 | 61.61 4.05 0.29 | 52.24 3.20 -5.09 | 53.32 3.11 -7.02 | 72.98 3.11 -26.25 | 54.20 2.38 -19.18 | 57.03 1.56 -33.53 | 45.73 1.58 -21.44 | 40.24 2.26 -3.42 | 39.46 1.74 -10.42 |
| CPV_VALLEY___CC2 323722 | 38.48 1.93 -6.05 | 36.20 1.80 -3.78 | 34.87 1.76 -1.72 | 35.10 1.76 -0.68 | 37.64 1.80 -3.55 | 40.44 1.96 -5.70 | 49.77 2.00 -14.05 | 41.46 2.42 0.00 | 46.09 2.70 0.00 | 52.29 2.97 0.00 | 55.25 3.18 0.00 | 50.11 3.09 0.00 | 47.16 2.82 -1.20 | 43.41 2.72 -2.07 | 51.64 2.90 -9.35 | 61.61 4.05 0.29 | 52.24 3.20 -5.09 | 53.32 3.11 -7.02 | 72.98 3.11 -26.25 | 54.20 2.38 -19.18 | 57.03 1.56 -33.53 | 45.73 1.58 -21.44 | 40.24 2.26 -3.42 | 39.46 1.74 -10.42 |
| CRESCENT___HYD 24018 | 48.33 1.93 -15.90 | 42.50 1.94 -9.93 | 37.91 2.01 -4.51 | 36.54 2.09 -1.79 | 43.71 2.08 -9.33 | 49.86 2.09 -15.00 | 72.76 2.08 -36.96 | 41.37 2.32 0.00 | 46.01 2.63 0.00 | 52.22 2.91 0.00 | 54.96 2.89 0.00 | 49.78 2.76 0.00 | 49.26 2.77 -3.36 | 47.13 2.43 -6.08 | 64.44 2.52 -22.52 | 61.63 3.56 -0.22 | 49.61 2.70 -2.95 | 52.52 2.74 -6.59 | 67.89 2.78 -21.49 | 71.12 2.10 -36.37 | 110.35 1.40 -87.00 | 68.99 1.40 -44.86 | 43.40 2.12 -6.73 | 46.10 1.54 -17.27 |
| CRICKET___VALLEY_CC1 323756 | 40.24 2.16 -7.58 | 37.38 2.02 -4.73 | 35.58 2.04 -2.15 | 35.54 2.02 -0.85 | 38.78 2.04 -4.45 | 42.12 2.20 -7.15 | 53.64 2.32 -17.61 | 41.86 2.81 0.00 | 46.49 3.10 0.00 | 52.69 3.37 0.00 | 55.61 3.53 0.00 | 50.45 3.43 0.00 | 47.88 3.24 -1.51 | 44.30 3.06 -2.63 | 54.58 3.24 -11.93 | 62.76 4.60 -0.32 | 54.14 3.66 -6.52 | 56.05 3.61 -9.24 | 81.93 3.62 -34.69 | 59.97 2.72 -24.61 | 65.93 1.75 -42.23 | 50.32 1.75 -25.85 | 41.30 2.52 -4.23 | 41.95 1.90 -12.76 |
| CRICKET___VALLEY_CC2 323757 | 40.24 2.16 -7.58 | 37.38 2.02 -4.73 | 35.58 2.04 -2.15 | 35.54 2.02 -0.85 | 38.78 2.04 -4.45 | 42.12 2.20 -7.15 | 53.64 2.32 -17.61 | 41.86 2.81 0.00 | 46.49 3.10 0.00 | 52.69 3.37 0.00 | 55.61 3.53 0.00 | 50.45 3.43 0.00 | 47.88 3.24 -1.51 | 44.30 3.06 -2.63 | 54.58 3.24 -11.93 | 62.76 4.60 -0.32 | 54.14 3.66 -6.52 | 56.05 3.61 -9.24 | 81.93 3.62 -34.69 | 59.97 2.72 -24.61 | 65.93 1.75 -42.23 | 50.32 1.75 -25.85 | 41.30 2.52 -4.23 | 41.95 1.90 -12.76 |
| CRICKET___VALLEY_CC3 323758 | 40.24 2.16 -7.58 | 37.38 2.02 -4.73 | 35.58 2.04 -2.15 | 35.54 2.02 -0.85 | 38.78 2.04 -4.45 | 42.12 2.20 -7.15 | 53.64 2.32 -17.61 | 41.86 2.81 0.00 | 46.49 3.10 0.00 | 52.69 3.37 0.00 | 55.61 3.53 0.00 | 50.45 3.43 0.00 | 47.88 3.24 -1.51 | 44.30 3.06 -2.63 | 54.58 3.24 -11.93 | 62.76 4.60 -0.32 | 54.14 3.66 -6.52 | 56.05 3.61 -9.24 | 81.93 3.62 -34.69 | 59.97 2.72 -24.61 | 65.93 1.75 -42.23 | 50.32 1.75 -25.85 | 41.30 2.52 -4.23 | 41.95 1.90 -12.76 |
| CRUCIBLE_METL_DRP 24180 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| DAHOWA___HYDRO 323763 | 49.57 2.28 -16.79 | 43.35 2.23 -10.49 | 38.50 2.34 -4.76 | 36.97 2.41 -1.89 | 44.61 2.45 -9.86 | 51.10 2.47 -15.85 | 75.43 2.68 -39.04 | 42.21 3.16 0.00 | 47.00 3.61 0.00 | 53.26 3.94 0.00 | 55.93 3.85 0.00 | 50.60 3.58 0.00 | 50.23 3.54 -3.55 | 48.21 3.15 -6.44 | 66.20 3.17 -23.63 | 62.60 4.53 -0.22 | 50.31 3.46 -2.89 | 53.71 3.57 -6.94 | 69.93 3.66 -22.64 | 73.84 2.77 -38.43 | 115.73 1.82 -91.97 | 71.44 1.84 -46.88 | 44.32 2.77 -7.00 | 47.07 2.05 -17.73 |
| DANC___LFGE 323619 | 29.76 -0.74 0.00 | 29.88 -0.75 0.00 | 30.76 -0.63 0.00 | 32.02 -0.64 0.00 | 31.74 -0.56 0.00 | 32.39 -0.38 0.00 | 33.56 -0.16 0.00 | 38.77 -0.27 0.00 | 43.32 -0.07 0.00 | 49.32 0.00 0.00 | 52.25 0.17 0.00 | 47.39 0.38 0.01 | 42.42 0.36 1.09 | 35.16 -0.27 3.19 | 37.74 -0.70 0.96 | 57.00 -0.85 0.00 | 43.65 -0.66 -0.36 | 42.28 -0.91 0.00 | 42.82 -0.80 0.00 | 32.07 -0.58 0.00 | 21.61 -0.33 0.00 | 23.38 -0.27 -0.93 | 34.13 -0.63 -0.21 | 27.43 -0.81 -0.94 |
| DANSKAMMER___1 23586 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |
| DANSKAMMER___2 23589 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |
| DANSKAMMER___3 23590 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |
| DANSKAMMER___4 23591 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |
| DANSKAMMER___DIESEL 23592 | 40.48 2.72 -7.27 | 37.73 2.56 -4.54 | 36.00 2.54 -2.06 | 36.03 2.55 -0.82 | 39.16 2.59 -4.26 | 42.42 2.79 -6.85 | 53.55 2.95 -16.89 | 42.61 3.57 0.00 | 47.37 3.98 0.00 | 53.72 4.40 0.00 | 56.71 4.64 0.00 | 51.46 4.44 0.00 | 48.65 4.07 -1.44 | 45.01 3.87 -2.52 | 55.00 4.12 -11.48 | 64.01 5.87 -0.29 | 54.63 4.60 -6.08 | 56.20 4.54 -8.47 | 79.88 4.59 -31.67 | 59.18 3.46 -23.07 | 64.47 2.26 -40.27 | 49.79 2.27 -24.80 | 41.82 3.25 -4.02 | 41.87 2.47 -12.10 |

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| DASHVILLE___HYD 23610 | 41.03 2.81 -7.72 | 38.08 2.63 -4.82 | 36.18 2.59 -2.19 | 36.14 2.61 -0.87 | 39.47 2.64 -4.53 | 42.93 2.87 -7.28 | 54.73 3.07 -17.94 | 42.80 3.76 0.00 | 47.58 4.20 0.00 | 53.96 4.64 0.00 | 56.89 4.81 0.00 | 51.59 4.57 0.00 | 48.84 4.17 -1.53 | 45.28 3.99 -2.67 | 55.67 4.34 -11.94 | 64.14 6.13 -0.16 | 54.28 4.84 -5.49 | 55.74 4.80 -7.75 | 77.17 4.90 -28.64 | 59.38 3.70 -23.03 | 67.02 2.41 -42.67 | 50.90 2.40 -25.78 | 42.09 3.41 -4.12 | 42.09 2.59 -12.21 |
| DELAWARE___LFGE 323621 | 36.30 1.24 -4.57 | 34.64 1.16 -2.85 | 33.86 1.17 -1.30 | 34.41 1.24 -0.51 | 36.23 1.25 -2.68 | 38.40 1.32 -4.31 | 45.75 1.42 -10.61 | 40.77 1.72 0.00 | 45.38 1.99 0.00 | 51.52 2.20 0.00 | 54.39 2.32 0.00 | 49.23 2.22 0.00 | 45.99 1.95 -0.91 | 42.09 1.84 -1.63 | 48.70 1.91 -7.40 | 61.23 2.71 -0.67 | 48.16 2.08 -2.13 | 47.26 2.03 -2.04 | 52.43 2.06 -6.75 | 44.87 1.56 -10.66 | 48.11 1.02 -25.15 | 39.34 1.01 -15.61 | 37.90 1.41 -1.93 | 33.31 1.08 -4.94 |
| DOGLEVILLE___HYD 23807 | 29.37 0.68 1.81 | 30.08 0.58 1.14 | 31.52 0.64 0.51 | 33.17 0.72 0.20 | 32.14 0.90 1.06 | 32.03 0.97 1.71 | 30.51 1.01 4.22 | 40.17 1.12 0.00 | 44.79 1.40 0.00 | 50.75 1.43 0.00 | 53.19 1.12 0.00 | 48.13 1.11 0.00 | 44.59 1.50 0.05 | 40.33 1.43 -0.28 | 38.91 1.34 1.83 | 59.58 1.74 0.01 | 45.27 1.19 -0.12 | 43.69 1.31 0.81 | 42.41 1.47 2.68 | 29.54 1.14 4.25 | 12.64 0.73 10.04 | 19.64 0.74 3.83 | 35.04 0.89 0.40 | 27.55 0.56 0.30 |
| DUNKIRK___1 23563 | 31.54 -0.15 -1.20 | 31.08 -0.30 -0.75 | 31.58 -0.16 -0.34 | 32.52 -0.27 -0.13 | 32.77 -0.24 -0.70 | 33.89 -0.02 -1.13 | 36.00 -0.49 -2.78 | 38.16 -0.89 0.00 | 43.48 0.00 -0.09 | 56.02 0.50 -6.19 | 63.09 0.53 -10.49 | 61.88 0.95 -13.90 | 52.91 -0.03 -9.80 | 50.84 0.21 -12.01 | 69.99 0.53 -30.06 | 103.55 1.21 -44.49 | 56.86 -0.10 -13.00 | 49.96 -0.11 -6.87 | 47.07 -0.20 -3.65 | 35.22 -0.21 -2.78 | 28.10 -0.42 -6.58 | 26.54 -0.90 -4.72 | 33.84 -1.36 -0.65 | 28.10 -1.28 -2.09 |
| DUNKIRK___2 23564 | 31.54 -0.15 -1.20 | 31.08 -0.30 -0.75 | 31.58 -0.16 -0.34 | 32.52 -0.27 -0.13 | 32.77 -0.24 -0.70 | 33.89 -0.02 -1.13 | 36.00 -0.49 -2.78 | 38.16 -0.89 0.00 | 43.48 0.00 -0.09 | 56.02 0.50 -6.19 | 63.09 0.53 -10.49 | 61.88 0.95 -13.90 | 52.91 -0.03 -9.80 | 50.84 0.21 -12.01 | 69.99 0.53 -30.06 | 103.55 1.21 -44.49 | 56.86 -0.10 -13.00 | 49.96 -0.11 -6.87 | 47.07 -0.20 -3.65 | 35.22 -0.21 -2.78 | 28.10 -0.42 -6.58 | 26.54 -0.90 -4.72 | 33.84 -1.36 -0.65 | 28.10 -1.28 -2.09 |
| DUNKIRK___3 23565 | 31.58 -0.10 -1.19 | 31.14 -0.23 -0.74 | 31.62 -0.11 -0.34 | 32.52 -0.27 -0.13 | 32.74 -0.26 -0.70 | 33.71 -0.19 -1.12 | 35.91 -0.56 -2.76 | 38.02 -1.03 0.00 | 43.13 -0.35 -0.09 | 55.05 0.00 -5.73 | 61.79 0.00 -9.71 | 60.32 0.38 -12.92 | 51.68 -0.58 -9.12 | 49.92 -0.29 -11.58 | 69.46 0.05 -30.02 | 101.46 0.36 -43.25 | 55.52 -0.57 -12.14 | 49.15 -0.47 -6.42 | 46.58 -0.55 -3.51 | 34.98 -0.43 -2.77 | 27.98 -0.50 -6.53 | 26.43 -0.97 -4.69 | 33.63 -1.57 -0.65 | 28.00 -1.37 -2.08 |
| DUNKIRK___4 23566 | 31.58 -0.10 -1.19 | 31.14 -0.23 -0.74 | 31.62 -0.11 -0.34 | 32.52 -0.27 -0.13 | 32.74 -0.26 -0.70 | 33.71 -0.19 -1.12 | 35.91 -0.56 -2.76 | 38.02 -1.03 0.00 | 43.13 -0.35 -0.09 | 55.05 0.00 -5.73 | 61.79 0.00 -9.71 | 60.32 0.38 -12.92 | 51.68 -0.58 -9.12 | 49.92 -0.29 -11.58 | 69.46 0.05 -30.02 | 101.46 0.36 -43.25 | 55.52 -0.57 -12.14 | 49.15 -0.47 -6.42 | 46.58 -0.55 -3.51 | 34.98 -0.43 -2.77 | 27.98 -0.50 -6.53 | 26.43 -0.97 -4.69 | 33.63 -1.57 -0.65 | 28.00 -1.37 -2.08 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 40.37 2.84 -7.03 | 37.69 2.68 -4.39 | 36.03 2.64 -1.99 | 36.07 2.62 -0.79 | 39.08 2.65 -4.12 | 42.28 2.88 -6.63 | 53.04 2.99 -16.33 | 42.72 3.68 0.00 | 47.51 4.12 0.00 | 53.89 4.57 0.00 | 56.96 4.89 0.00 | 51.78 4.76 0.00 | 48.91 4.38 -1.40 | 45.27 4.13 -2.52 | 56.41 4.33 -12.67 | 66.05 6.14 -2.06 | 56.04 4.79 -7.30 | 56.68 4.64 -8.84 | 81.46 4.62 -33.22 | 59.21 3.49 -23.07 | 63.23 2.29 -39.00 | 49.33 2.34 -24.27 | 41.87 3.36 -3.96 | 41.90 2.58 -12.03 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 39.92 2.46 -6.97 | 37.28 2.30 -4.35 | 35.65 2.28 -1.98 | 35.73 2.28 -0.79 | 38.71 2.32 -4.09 | 41.86 2.52 -6.57 | 52.54 2.63 -16.19 | 42.23 3.18 0.00 | 46.93 3.54 0.00 | 53.22 3.91 0.00 | 56.21 4.14 0.00 | 51.00 3.98 0.00 | 48.16 3.64 -1.38 | 44.50 3.47 -2.40 | 53.98 3.71 -10.87 | 63.15 5.26 -0.04 | 53.86 4.13 -5.78 | 55.36 4.05 -8.11 | 78.03 4.09 -30.32 | 57.86 3.10 -22.11 | 62.59 2.03 -38.62 | 48.74 2.04 -23.98 | 41.35 2.93 -3.87 | 41.22 2.23 -11.69 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 40.54 3.00 -7.03 | 37.87 2.85 -4.39 | 36.19 2.81 -1.99 | 36.45 3.00 -0.79 | 39.44 3.02 -4.13 | 42.68 3.27 -6.63 | 53.48 3.43 -16.34 | 43.09 4.04 0.00 | 47.89 4.50 0.00 | 54.30 4.99 0.00 | 57.34 5.27 0.00 | 52.09 5.07 0.00 | 49.14 4.60 -1.40 | 45.52 4.32 -2.58 | 59.49 4.51 -15.58 | 69.80 6.44 -5.51 | 58.08 4.97 -9.16 | 56.83 4.79 -8.84 | 81.57 4.70 -33.25 | 59.33 3.59 -23.09 | 63.33 2.37 -39.02 | 49.42 2.41 -24.28 | 41.99 3.48 -3.96 | 41.98 2.65 -12.04 |
| EAST HAMPTON___GT 23717 | 42.21 4.67 -7.05 | 39.54 4.51 -4.40 | 37.76 4.37 -2.00 | 37.84 4.38 -0.79 | 40.93 4.78 -4.14 | 44.20 4.82 -6.65 | 54.91 4.82 -16.38 | 45.34 6.29 0.00 | 50.13 6.74 0.00 | 56.31 6.99 0.00 | 59.74 7.67 0.00 | 54.50 7.47 0.00 | 51.35 6.82 -1.40 | 47.47 6.19 -2.65 | 60.49 6.20 -14.89 | 71.43 8.92 -4.66 | 59.73 7.06 -8.71 | 59.47 7.41 -8.87 | 146.20 7.60 -94.98 | 331.61 5.23 -293.73 | 172.03 3.37 -146.71 | 64.20 3.76 -37.72 | 44.20 5.68 -3.97 | 45.29 4.40 -13.59 |
| EAST RIVER___6 23660 | 40.49 2.97 -7.02 | 37.81 2.80 -4.39 | 36.14 2.75 -1.99 | 36.25 2.80 -0.79 | 39.25 2.83 -4.12 | 42.48 3.08 -6.62 | 53.24 3.20 -16.32 | 42.94 3.90 0.00 | 47.75 4.36 0.00 | 54.21 4.89 0.00 | 57.31 5.24 0.00 | 52.11 5.09 0.00 | 49.19 4.66 -1.40 | 45.73 4.40 -2.71 | 59.95 4.62 -15.93 | 70.32 6.54 -5.93 | 58.44 5.11 -9.38 | 56.92 4.90 -8.83 | 81.68 4.87 -33.19 | 59.39 3.68 -23.06 | 63.35 2.43 -38.97 | 49.44 2.46 -24.26 | 42.03 3.53 -3.95 | 42.03 2.72 -12.02 |
| EAST RIVER___7 23524 | 40.49 2.97 -7.02 | 37.81 2.80 -4.39 | 36.14 2.75 -1.99 | 36.25 2.80 -0.79 | 39.25 2.83 -4.12 | 42.48 3.08 -6.62 | 53.24 3.20 -16.32 | 42.94 3.90 0.00 | 47.75 4.36 0.00 | 54.21 4.89 0.00 | 57.31 5.24 0.00 | 52.11 5.09 0.00 | 49.19 4.66 -1.40 | 45.73 4.40 -2.71 | 59.95 4.62 -15.93 | 70.32 6.54 -5.93 | 58.44 5.11 -9.38 | 56.92 4.90 -8.83 | 81.68 4.87 -33.19 | 59.39 3.68 -23.06 | 63.35 2.43 -38.97 | 49.44 2.46 -24.26 | 42.03 3.53 -3.95 | 42.03 2.72 -12.02 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 40.17 2.69 -6.99 | 37.52 2.53 -4.37 | 35.87 2.50 -1.98 | 35.92 2.47 -0.79 | 38.91 2.51 -4.10 | 42.08 2.71 -6.59 | 52.79 2.83 -16.24 | 42.48 3.44 0.00 | 47.25 3.86 0.00 | 53.59 4.28 0.00 | 56.66 4.58 0.00 | 51.46 4.45 0.00 | 48.61 4.08 -1.39 | 44.81 3.88 -2.31 | 52.72 4.11 -9.22 | 61.66 5.79 1.98 | 53.57 4.52 -5.09 | 56.35 4.39 -8.77 | 80.98 4.39 -32.96 | 58.89 3.32 -22.93 | 62.90 2.17 -38.79 | 49.07 2.19 -24.16 | 41.64 3.15 -3.94 | 41.69 2.43 -11.97 |
| EAST_HAMPTON___DIESEL 23722 | 42.21 4.67 -7.05 | 39.54 4.51 -4.40 | 37.76 4.37 -2.00 | 37.84 4.38 -0.79 | 40.93 4.78 -4.14 | 44.20 4.82 -6.65 | 54.91 4.82 -16.38 | 45.35 6.30 0.00 | 50.13 6.74 0.00 | 56.32 7.00 0.00 | 59.75 7.68 0.00 | 54.50 7.47 0.00 | 51.37 6.83 -1.40 | 47.47 6.20 -2.65 | 60.50 6.21 -14.89 | 71.44 8.93 -4.66 | 59.73 7.07 -8.71 | 59.48 7.42 -8.87 | 146.20 7.60 -94.98 | 331.62 5.24 -293.73 | 172.04 3.38 -146.71 | 64.20 3.76 -37.72 | 44.20 5.68 -3.97 | 45.29 4.40 -13.59 |

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| EAST_RIVER___1 323558 | 40.51 2.99 -7.02 | 37.82 2.81 -4.39 | 36.16 2.77 -1.99 | 36.27 2.82 -0.79 | 39.26 2.84 -4.12 | 42.49 3.10 -6.62 | 53.27 3.23 -16.32 | 42.98 3.94 0.00 | 47.82 4.43 0.00 | 54.28 4.97 0.00 | 57.37 5.30 0.00 | 52.15 5.14 0.00 | 49.24 4.70 -1.40 | 45.77 4.44 -2.71 | 60.03 4.66 -15.98 | 70.44 6.60 -5.99 | 58.49 5.14 -9.41 | 56.96 4.94 -8.83 | 81.70 4.89 -33.18 | 59.40 3.70 -23.05 | 63.34 2.43 -38.97 | 49.45 2.47 -24.25 | 42.05 3.55 -3.95 | 42.03 2.72 -12.02 |
| EAST_RIVER___2 323559 | 40.49 2.97 -7.02 | 37.81 2.80 -4.39 | 36.14 2.75 -1.99 | 36.25 2.80 -0.79 | 39.25 2.83 -4.12 | 42.48 3.08 -6.62 | 53.24 3.20 -16.32 | 42.94 3.90 0.00 | 47.75 4.36 0.00 | 54.21 4.89 0.00 | 57.31 5.24 0.00 | 52.11 5.09 0.00 | 49.19 4.66 -1.40 | 45.73 4.40 -2.71 | 59.95 4.62 -15.93 | 70.32 6.54 -5.93 | 58.44 5.11 -9.38 | 56.92 4.90 -8.83 | 81.68 4.87 -33.19 | 59.39 3.68 -23.06 | 63.35 2.43 -38.97 | 49.44 2.46 -24.26 | 42.03 3.53 -3.95 | 42.03 2.72 -12.02 |
| EAST___DELAWARE_HYD 23607 | 40.66 3.84 -6.32 | 38.22 3.65 -3.95 | 36.85 3.66 -1.79 | 37.16 3.79 -0.71 | 39.85 3.85 -3.71 | 42.85 4.11 -5.96 | 52.75 4.35 -14.68 | 44.16 5.11 0.00 | 49.05 5.66 0.00 | 55.55 6.24 0.00 | 58.54 6.47 0.00 | 53.08 6.06 0.00 | 49.90 5.50 -1.25 | 46.07 5.27 -2.18 | 54.93 5.56 -9.97 | 65.92 8.03 -0.04 | 55.15 6.20 -4.99 | 56.03 6.19 -6.65 | 74.62 6.31 -24.69 | 56.56 4.68 -19.23 | 59.97 3.05 -34.97 | 47.80 3.04 -22.04 | 42.45 4.40 -3.49 | 41.23 3.42 -10.52 |
| ELEC_TRO_TEK 24086 | 40.84 3.29 -7.05 | 38.15 3.13 -4.40 | 36.44 3.04 -2.00 | 36.48 3.02 -0.79 | 39.53 3.09 -4.14 | 42.76 3.34 -6.65 | 53.44 3.34 -16.38 | 43.38 4.33 0.00 | 48.07 4.68 0.00 | 54.39 5.07 0.00 | 57.58 5.51 0.00 | 52.42 5.40 0.00 | 49.52 4.98 -1.40 | 45.87 4.60 -2.65 | 58.92 4.63 -14.89 | 69.07 6.56 -4.66 | 57.88 5.21 -8.71 | 57.28 5.21 -8.87 | 82.27 5.28 -33.37 | 60.99 3.95 -24.41 | 63.58 2.53 -39.11 | 50.80 2.68 -25.40 | 42.48 3.96 -3.97 | 43.67 3.06 -13.32 |
| ELLENBURG_WT_PWR 323604 | 28.67 -1.25 0.59 | 29.01 -1.26 0.37 | 30.00 -1.23 0.17 | 31.40 -1.20 0.07 | 30.82 -1.13 0.35 | 31.37 -0.86 0.55 | 31.74 -0.61 1.36 | 38.55 -0.49 0.00 | 42.57 -0.81 0.00 | 48.61 -0.71 0.00 | 51.27 -0.80 0.00 | 45.69 -1.26 0.07 | 33.53 -1.34 8.26 | 12.83 -1.63 24.16 | 27.75 -1.74 9.91 | 55.67 -2.18 0.00 | 42.31 -1.69 -0.05 | 41.46 -1.48 0.26 | 41.23 -1.52 0.87 | 30.05 -1.22 1.37 | 17.79 -0.91 3.24 | 20.60 -0.92 1.20 | 33.43 -1.01 0.11 | 26.28 -1.02 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 31.28 -0.37 -1.14 | 30.91 -0.43 -0.71 | 31.36 -0.36 -0.32 | 32.20 -0.59 -0.13 | 32.31 -0.66 -0.67 | 33.13 -0.72 -1.08 | 35.22 -1.15 -2.65 | 37.28 -1.77 0.00 | 42.01 -1.45 -0.08 | 53.41 -1.33 -5.42 | 59.80 -1.32 -9.04 | 58.63 -0.86 -12.47 | 50.30 -1.68 -8.84 | 50.17 -1.36 -12.91 | 75.66 -1.00 -37.27 | 105.99 -1.27 -49.41 | 54.10 -1.64 -11.79 | 47.98 -1.40 -6.18 | 45.45 -1.56 -3.39 | 34.14 -1.17 -2.66 | 27.31 -0.91 -6.28 | 25.85 -1.39 -4.52 | 32.97 -2.21 -0.62 | 27.39 -1.91 -2.00 |
| EMPIRE_CC_1 323656 | 43.13 1.35 -11.28 | 39.04 1.37 -7.05 | 36.00 1.41 -3.20 | 35.40 1.47 -1.27 | 40.37 1.45 -6.62 | 44.86 1.44 -10.64 | 61.29 1.36 -26.22 | 40.51 1.46 0.00 | 45.05 1.66 0.00 | 51.11 1.79 0.00 | 53.86 1.79 0.00 | 48.82 1.80 0.00 | 47.21 1.83 -2.24 | 44.15 1.63 -3.90 | 57.75 1.70 -16.65 | 60.42 2.36 -0.21 | 48.67 1.82 -2.90 | 49.16 1.80 -4.16 | 58.60 1.79 -13.19 | 59.04 1.37 -25.02 | 83.94 0.95 -61.05 | 58.10 0.95 -34.43 | 41.49 1.47 -5.47 | 43.89 1.05 -15.54 |
| EMPIRE_CC_2 323658 | 43.13 1.35 -11.28 | 39.04 1.37 -7.05 | 36.00 1.41 -3.20 | 35.40 1.47 -1.27 | 40.37 1.45 -6.62 | 44.86 1.44 -10.64 | 61.29 1.36 -26.22 | 40.51 1.46 0.00 | 45.05 1.66 0.00 | 51.11 1.79 0.00 | 53.86 1.79 0.00 | 48.82 1.80 0.00 | 47.21 1.83 -2.24 | 44.15 1.63 -3.90 | 57.75 1.70 -16.65 | 60.42 2.36 -0.21 | 48.67 1.82 -2.90 | 49.16 1.80 -4.16 | 58.60 1.79 -13.19 | 59.04 1.37 -25.02 | 83.94 0.95 -61.05 | 58.10 0.95 -34.43 | 41.49 1.47 -5.47 | 43.89 1.05 -15.54 |
| ERIE_WT_PWR 323693 | 31.55 -0.12 -1.17 | 31.15 -0.21 -0.73 | 31.62 -0.11 -0.33 | 32.46 -0.33 -0.13 | 32.61 -0.37 -0.68 | 33.46 -0.41 -1.10 | 35.67 -0.76 -2.72 | 37.74 -1.31 0.00 | 42.61 -0.89 -0.11 | 55.67 -0.68 -7.04 | 63.28 -0.63 -11.84 | 62.32 -0.22 -15.53 | 52.90 -1.13 -10.89 | 50.80 -0.87 -13.04 | 70.72 -0.47 -31.79 | 106.58 -0.52 -49.25 | 57.25 -1.10 -14.39 | 49.96 -0.85 -7.61 | 46.47 -0.98 -3.83 | 34.63 -0.73 -2.72 | 27.71 -0.65 -6.42 | 26.20 -1.14 -4.61 | 33.34 -1.85 -0.63 | 27.71 -1.62 -2.03 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 32.85 0.72 -1.63 | 32.31 0.67 -1.02 | 32.53 0.68 -0.46 | 33.52 0.67 -0.18 | 33.96 0.70 -0.95 | 35.11 0.80 -1.54 | 38.48 0.99 -3.78 | 40.18 1.13 0.00 | 44.80 1.41 0.00 | 50.84 1.53 0.00 | 53.72 1.65 0.00 | 48.59 1.57 0.00 | 44.77 1.31 -0.32 | 40.57 1.23 -0.73 | 43.94 1.01 -3.54 | 60.34 1.56 -0.93 | 46.21 1.24 -1.02 | 45.35 1.43 -0.72 | 47.67 1.64 -2.40 | 37.63 1.19 -3.80 | 31.65 0.74 -8.97 | 29.65 0.60 -6.33 | 36.22 0.71 -0.95 | 30.76 0.50 -2.96 |
| E_CANADA_CAP_HY 24051 | 46.40 1.59 -14.30 | 41.11 1.55 -8.93 | 37.08 1.64 -4.06 | 36.00 1.72 -1.61 | 42.43 1.73 -8.40 | 48.15 1.88 -13.50 | 69.30 2.34 -33.25 | 41.96 2.91 0.00 | 46.66 3.27 0.00 | 53.07 3.75 0.00 | 55.98 3.90 0.00 | 50.18 3.16 0.00 | 48.55 2.57 -2.84 | 45.95 2.40 -4.93 | 61.83 2.47 -19.97 | 61.35 3.41 -0.08 | 49.02 2.46 -2.61 | 51.54 2.42 -5.93 | 65.64 2.67 -19.34 | 67.32 1.91 -32.76 | 101.56 1.22 -78.40 | 65.77 1.46 -41.59 | 43.96 1.91 -7.50 | 50.98 1.59 -22.10 |
| E_CANADA_MHWK_HY 24050 | 29.37 0.68 1.81 | 30.08 0.58 1.14 | 31.52 0.64 0.51 | 33.17 0.72 0.20 | 32.14 0.90 1.06 | 32.03 0.97 1.71 | 30.51 1.01 4.22 | 40.17 1.12 0.00 | 44.79 1.40 0.00 | 50.75 1.43 0.00 | 53.19 1.12 0.00 | 48.13 1.11 0.00 | 44.59 1.50 0.05 | 40.33 1.43 -0.28 | 38.91 1.34 1.83 | 59.58 1.74 0.01 | 45.27 1.19 -0.12 | 43.69 1.31 0.81 | 42.41 1.47 2.68 | 29.54 1.14 4.25 | 12.64 0.73 10.04 | 19.64 0.74 3.83 | 35.04 0.89 0.40 | 27.55 0.56 0.30 |
| E_FISHKILL___LBMP 23776 | 40.11 2.45 -7.17 | 37.40 2.30 -4.47 | 35.71 2.28 -2.03 | 35.76 2.29 -0.81 | 38.81 2.31 -4.20 | 42.02 2.49 -6.76 | 52.96 2.60 -16.65 | 42.20 3.15 0.00 | 46.91 3.52 0.00 | 53.20 3.88 0.00 | 56.20 4.13 0.00 | 51.02 4.00 0.00 | 48.26 3.70 -1.42 | 44.64 3.50 -2.51 | 54.98 3.70 -11.88 | 63.98 5.23 -0.91 | 54.87 4.11 -6.81 | 56.28 4.00 -9.09 | 81.80 4.00 -34.18 | 59.28 3.02 -23.62 | 63.67 1.97 -39.75 | 49.38 2.00 -24.66 | 41.47 2.88 -4.03 | 41.75 2.20 -12.25 |
| FALCON___SEABRD_CC1 323796 | 28.83 -1.09 0.58 | 29.16 -1.10 0.37 | 30.14 -1.09 0.17 | 31.53 -1.06 0.07 | 30.96 -0.99 0.34 | 31.56 -0.67 0.55 | 31.98 -0.38 1.36 | 38.85 -0.20 0.00 | 42.92 -0.47 0.00 | 49.02 -0.30 0.00 | 51.70 -0.37 0.00 | 46.06 -0.89 0.07 | 33.89 -1.01 8.25 | 13.20 -1.32 24.10 | 28.06 -1.45 9.89 | 56.09 -1.76 0.00 | 42.64 -1.36 -0.05 | 41.79 -1.15 0.26 | 41.55 -1.21 0.87 | 30.32 -0.96 1.37 | 17.95 -0.75 3.24 | 20.73 -0.79 1.20 | 33.65 -0.80 0.11 | 26.45 -0.85 0.00 |
| FALCON___SEABRD_CC2 323797 | 28.83 -1.09 0.58 | 29.16 -1.10 0.37 | 30.14 -1.09 0.17 | 31.53 -1.06 0.07 | 30.96 -0.99 0.34 | 31.56 -0.67 0.55 | 31.98 -0.38 1.36 | 38.85 -0.20 0.00 | 42.92 -0.47 0.00 | 49.02 -0.30 0.00 | 51.70 -0.37 0.00 | 46.06 -0.89 0.07 | 33.89 -1.01 8.25 | 13.20 -1.32 24.10 | 28.06 -1.45 9.89 | 56.09 -1.76 0.00 | 42.64 -1.36 -0.05 | 41.79 -1.15 0.26 | 41.55 -1.21 0.87 | 30.32 -0.96 1.37 | 17.95 -0.75 3.24 | 20.73 -0.79 1.20 | 33.65 -0.80 0.11 | 26.45 -0.85 0.00 |

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|--|-------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FAR ROCKAWAY___4 23548 | 41.28 3.73 -7.05 | 38.56 3.53 -4.40 | 36.85 3.46 -2.00 | 36.90 3.45 -0.79 | 39.96 3.52 -4.14 | 43.20 3.78 -6.65 | 53.91 3.82 -16.38 | 43.93 4.88 0.00 | 48.67 5.28 0.00 | 55.11 5.79 0.00 | 58.36 6.28 0.00 | 53.14 6.12 0.00 | 50.16 5.62 -1.40 | 46.47 5.19 -2.65 | 59.52 5.24 -14.89 | 70.01 7.50 -4.66 | 58.64 5.97 -8.71 | 58.03 5.96 -8.87 | 83.04 6.05 -33.37 | 61.59 4.53 -24.41 | 63.96 2.91 -39.11 | 51.17 3.05 -25.40 | 43.03 4.51 -3.97 | 44.16 3.48 -13.39 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 40.53 3.00 -7.02 | 37.84 2.83 -4.39 | 36.17 2.78 -1.99 | 36.29 2.84 -0.79 | 39.29 2.87 -4.12 | 42.51 3.11 -6.62 | 53.29 3.25 -16.32 | 43.02 3.97 0.00 | 47.86 4.47 0.00 | 54.34 5.02 0.00 | 57.42 5.35 0.00 | 52.20 5.18 0.00 | 49.28 4.74 -1.40 | 45.80 4.47 -2.71 | 60.02 4.69 -15.93 | 70.43 6.65 -5.93 | 58.51 5.17 -9.38 | 57.01 4.98 -8.83 | 81.74 4.93 -33.19 | 59.42 3.72 -23.06 | 63.37 2.45 -38.97 | 49.47 2.49 -24.26 | 42.08 3.57 -3.95 | 42.06 2.74 -12.02 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 40.54 3.01 -7.02 | 37.85 2.84 -4.39 | 36.18 2.80 -1.99 | 36.30 2.84 -0.79 | 39.29 2.87 -4.12 | 42.52 3.12 -6.62 | 53.30 3.26 -16.32 | 43.02 3.98 0.00 | 47.86 4.48 0.00 | 54.33 5.01 0.00 | 57.43 5.35 0.00 | 52.20 5.18 0.00 | 49.28 4.74 -1.40 | 45.80 4.48 -2.71 | 60.02 4.69 -15.93 | 70.43 6.65 -5.93 | 58.50 5.17 -9.38 | 57.01 4.98 -8.83 | 81.75 4.93 -33.19 | 59.44 3.73 -23.06 | 63.37 2.46 -38.97 | 49.47 2.49 -24.26 | 42.09 3.58 -3.95 | 42.06 2.75 -12.02 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 40.51 2.98 -7.02 | 37.83 2.81 -4.39 | 36.16 2.77 -1.99 | 36.27 2.81 -0.79 | 39.26 2.84 -4.12 | 42.49 3.09 -6.62 | 53.27 3.23 -16.32 | 42.99 3.95 0.00 | 47.83 4.44 0.00 | 54.28 4.97 0.00 | 57.38 5.30 0.00 | 52.16 5.14 0.00 | 49.24 4.71 -1.40 | 45.77 4.44 -2.71 | 59.99 4.66 -15.93 | 70.38 6.60 -5.93 | 58.47 5.13 -9.38 | 56.96 4.94 -8.83 | 81.70 4.88 -33.19 | 59.39 3.69 -23.06 | 63.35 2.43 -38.97 | 49.45 2.47 -24.26 | 42.05 3.55 -3.95 | 42.04 2.72 -12.02 |
| FARRAGUT___LBMP 323566 | 40.48 2.96 -7.02 | 37.81 2.79 -4.39 | 36.14 2.75 -1.99 | 36.25 2.79 -0.79 | 39.25 2.83 -4.12 | 42.47 3.07 -6.62 | 53.24 3.20 -16.32 | 42.96 3.91 0.00 | 47.79 4.40 0.00 | 54.24 4.92 0.00 | 57.32 5.25 0.00 | 52.11 5.09 0.00 | 49.20 4.66 -1.40 | 45.73 4.40 -2.71 | 59.94 4.61 -15.93 | 70.32 6.53 -5.93 | 58.41 5.08 -9.38 | 56.92 4.90 -8.83 | 81.66 4.84 -33.19 | 59.36 3.66 -23.06 | 63.33 2.41 -38.97 | 49.43 2.45 -24.26 | 42.02 3.51 -3.95 | 42.01 2.70 -12.02 |
| FENNER___WINDPWR 24204 | 30.95 0.45 0.00 | 31.04 0.41 0.00 | 31.85 0.46 0.00 | 33.15 0.49 0.00 | 32.85 0.55 0.00 | 33.41 0.63 0.00 | 34.56 0.85 0.00 | 40.07 1.01 0.00 | 44.66 1.27 0.00 | 50.77 1.45 0.00 | 53.62 1.55 0.00 | 48.60 1.58 0.00 | 44.47 1.33 0.00 | 39.69 1.06 0.00 | 40.68 0.85 -0.43 | 59.11 1.26 0.00 | 45.61 1.08 -0.58 | 44.39 1.19 0.00 | 44.83 1.21 0.00 | 33.48 0.83 0.00 | 22.48 0.54 0.00 | 24.62 0.38 -1.52 | 35.33 0.44 -0.34 | 29.16 0.31 -1.56 |
| FIBERTEK___ENERGY 23856 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| FITZPATRICK___ 23598 | 29.84 -0.66 0.00 | 29.95 -0.68 0.00 | 30.68 -0.72 0.00 | 31.89 -0.78 0.00 | 31.54 -0.76 0.00 | 32.01 -0.76 0.00 | 32.92 -0.79 0.00 | 38.07 -0.98 0.00 | 42.37 -1.02 0.00 | 48.17 -1.14 0.00 | 50.88 -1.19 0.00 | 46.03 -0.99 0.00 | 42.14 -1.00 0.00 | 37.73 -0.89 0.00 | 38.75 -0.89 -0.24 | 56.53 -1.32 0.00 | 43.26 -1.01 -0.32 | 42.26 -0.94 0.00 | 42.71 -0.91 0.00 | 31.94 -0.71 0.00 | 21.46 -0.48 0.00 | 23.07 -0.53 -0.87 | 33.88 -0.90 -0.22 | 27.61 -0.69 -1.01 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 40.54 2.76 -7.28 | 37.78 2.60 -4.55 | 36.04 2.59 -2.07 | 36.08 2.60 -0.82 | 39.20 2.63 -4.27 | 42.49 2.85 -6.86 | 53.64 3.00 -16.91 | 42.69 3.64 0.00 | 47.45 4.06 0.00 | 53.81 4.49 0.00 | 56.80 4.73 0.00 | 51.55 4.53 0.00 | 48.74 4.15 -1.45 | 45.09 3.94 -2.53 | 55.15 4.20 -11.55 | 64.18 5.98 -0.35 | 54.80 4.69 -6.15 | 56.36 4.63 -8.53 | 80.24 4.67 -31.94 | 59.34 3.52 -23.18 | 64.59 2.30 -40.35 | 49.88 2.31 -24.84 | 41.89 3.31 -4.03 | 41.94 2.50 -12.14 |
| FORT ORANGE___ 23900 | 46.02 1.51 -14.01 | 40.88 1.51 -8.75 | 36.91 1.54 -3.97 | 35.86 1.62 -1.58 | 42.12 1.59 -8.22 | 47.57 1.58 -13.22 | 67.73 1.45 -32.56 | 40.47 1.42 0.00 | 45.00 1.61 0.00 | 51.04 1.72 0.00 | 53.79 1.72 0.00 | 48.73 1.71 0.00 | 47.68 1.76 -2.78 | 45.09 1.63 -4.84 | 61.10 1.70 -20.00 | 60.47 2.40 -0.22 | 48.70 1.90 -2.85 | 50.47 1.86 -5.41 | 62.85 1.86 -17.37 | 65.60 1.40 -31.55 | 99.41 0.96 -76.50 | 64.38 0.96 -40.71 | 42.20 1.44 -6.21 | 44.83 1.02 -16.52 |
| FORT_DRUM_COGEN 23780 | 29.84 -0.66 0.00 | 29.97 -0.66 0.00 | 30.91 -0.49 0.00 | 32.19 -0.47 0.00 | 31.94 -0.36 0.00 | 32.66 -0.11 0.00 | 33.96 0.24 0.00 | 39.29 0.24 0.00 | 43.89 0.50 0.00 | 50.03 0.72 0.00 | 53.05 0.97 0.02 | 48.08 1.08 1.78 | 42.42 1.07 5.24 | 33.45 0.07 1.78 | 37.08 -0.53 1.78 | 57.38 -0.47 0.00 | 43.93 -0.33 -0.31 | 42.63 -0.56 0.00 | 43.22 -0.40 0.00 | 32.36 -0.29 0.00 | 21.80 -0.14 0.00 | 23.45 -0.06 -0.79 | 34.38 -0.33 -0.15 | 27.32 -0.67 -0.70 |
| FPL FAR_ROCK_GT1 24212 | 41.28 3.73 -7.05 | 38.56 3.53 -4.40 | 36.85 3.46 -2.00 | 36.90 3.45 -0.79 | 39.96 3.52 -4.14 | 43.20 3.78 -6.65 | 53.91 3.82 -16.38 | 43.93 4.88 0.00 | 48.67 5.28 0.00 | 55.11 5.79 0.00 | 58.36 6.28 0.00 | 53.14 6.12 0.00 | 50.16 5.62 -1.40 | 46.47 5.19 -2.65 | 59.52 5.24 -14.89 | 70.01 7.50 -4.66 | 58.64 5.97 -8.71 | 58.03 5.96 -8.87 | 83.04 6.05 -33.37 | 61.59 4.53 -24.41 | 63.96 2.91 -39.11 | 51.17 3.05 -25.40 | 43.03 4.51 -3.97 | 44.16 3.48 -13.39 |
| FPL FAR_ROCK_GT2 23815 | 41.28 3.73 -7.05 | 38.56 3.53 -4.40 | 36.85 3.46 -2.00 | 36.90 3.45 -0.79 | 39.96 3.52 -4.14 | 43.20 3.78 -6.65 | 53.91 3.82 -16.38 | 43.93 4.88 0.00 | 48.67 5.28 0.00 | 55.11 5.79 0.00 | 58.36 6.28 0.00 | 53.14 6.12 0.00 | 50.16 5.62 -1.40 | 46.47 5.19 -2.65 | 59.52 5.24 -14.89 | 70.01 7.50 -4.66 | 58.64 5.97 -8.71 | 58.03 5.96 -8.87 | 83.04 6.05 -33.37 | 61.59 4.53 -24.41 | 63.96 2.91 -39.11 | 51.17 3.05 -25.40 | 43.03 4.51 -3.97 | 44.16 3.48 -13.39 |
| FRANKLIN_FALL_HYD 24054 | 29.05 -0.87 0.57 | 29.44 -0.83 0.36 | 30.41 -0.83 0.16 | 31.82 -0.78 0.06 | 31.24 -0.72 0.34 | 31.72 -0.51 0.54 | 32.10 -0.28 1.33 | 38.98 -0.08 0.00 | 43.07 -0.32 0.00 | 49.25 -0.07 0.00 | 51.96 -0.11 0.00 | 46.36 -0.60 0.06 | 34.67 -0.73 7.74 | 14.99 -1.02 22.61 | 28.96 -1.15 9.29 | 56.54 -1.31 0.00 | 43.00 -1.02 -0.07 | 42.05 -0.89 0.26 | 41.89 -0.88 0.85 | 30.58 -0.73 1.34 | 18.22 -0.55 3.17 | 21.06 -0.52 1.13 | 34.00 -0.44 0.11 | 26.72 -0.57 0.00 |
| FREEPORT_EQU_S_GT1 23764 | 41.16 3.61 -7.05 | 38.46 3.43 -4.40 | 36.74 3.34 -2.00 | 36.78 3.32 -0.79 | 39.83 3.40 -4.14 | 43.06 3.63 -6.65 | 53.74 3.64 -16.38 | 43.79 4.74 0.00 | 48.49 5.11 0.00 | 54.83 5.51 0.00 | 57.84 5.77 0.00 | 52.69 5.67 0.00 | 49.92 5.38 -1.40 | 46.22 4.95 -2.65 | 59.25 4.96 -14.89 | 69.51 7.00 -4.66 | 58.16 5.49 -8.71 | 57.58 5.52 -8.87 | 82.51 5.53 -33.37 | 61.19 4.14 -24.41 | 63.75 2.70 -39.11 | 51.05 2.93 -25.40 | 42.88 4.36 -3.97 | 44.08 3.39 -13.40 |

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| FREEPORT___CT2 23818 | 41.16 3.61 -7.05 | 38.46 3.43 -4.40 | 36.74 3.34 -2.00 | 36.78 3.32 -0.79 | 39.83 3.40 -4.14 | 43.06 3.63 -6.65 | 53.74 3.64 -16.38 | 43.79 4.74 0.00 | 48.49 5.11 0.00 | 54.83 5.51 0.00 | 57.84 5.77 0.00 | 52.69 5.67 0.00 | 49.92 5.38 -1.40 | 46.22 4.95 -2.65 | 59.25 4.96 -14.89 | 69.51 7.00 -4.66 | 58.16 5.49 -8.71 | 57.58 5.52 -8.87 | 82.51 5.53 -33.37 | 61.19 4.14 -24.41 | 63.75 2.70 -39.11 | 51.05 2.93 -25.40 | 42.88 4.36 -3.97 | 44.08 3.39 -13.40 |
| FULTON COGEN____ 23766 | 30.17 -0.33 0.00 | 30.25 -0.38 0.00 | 30.99 -0.40 0.00 | 32.21 -0.45 0.00 | 31.87 -0.43 0.00 | 32.36 -0.42 0.00 | 33.35 -0.37 0.00 | 38.61 -0.45 0.00 | 42.99 -0.40 0.00 | 48.90 -0.42 0.00 | 51.66 -0.42 0.00 | 46.80 -0.22 0.00 | 42.58 -0.35 0.21 | 37.68 -0.32 0.62 | 39.17 -0.29 -0.07 | 57.41 -0.44 0.00 | 44.02 -0.35 -0.42 | 42.85 -0.35 0.00 | 43.32 -0.30 0.00 | 32.40 -0.25 0.00 | 21.75 -0.19 0.00 | 23.58 -0.24 -1.10 | 34.32 -0.51 -0.27 | 28.12 -0.41 -1.24 |
| FULTON___LFGE 323630 | 49.26 3.36 -15.40 | 43.55 3.30 -9.62 | 39.17 3.41 -4.37 | 37.93 3.53 -1.74 | 44.93 3.59 -9.04 | 51.09 3.78 -14.53 | 74.08 4.56 -35.80 | 44.48 5.43 0.00 | 49.51 6.12 0.00 | 55.96 6.65 0.00 | 58.53 6.46 0.00 | 51.97 4.95 0.00 | 50.78 4.58 -3.06 | 48.42 4.49 -5.31 | 65.56 4.76 -21.40 | 64.64 6.70 -0.09 | 51.21 4.59 -2.66 | 54.71 5.16 -6.36 | 70.27 5.93 -20.72 | 72.30 4.41 -35.25 | 109.22 2.86 -84.41 | 69.55 2.87 -43.96 | 45.94 3.98 -7.40 | 51.11 3.07 -20.75 |
| G.F.CEMENT___DRP 24184 | 49.78 2.31 -16.96 | 43.44 2.22 -10.60 | 38.55 2.34 -4.81 | 36.99 2.42 -1.91 | 44.73 2.48 -9.96 | 51.27 2.49 -16.01 | 75.94 2.79 -39.43 | 42.46 3.42 0.00 | 47.30 3.92 0.00 | 53.60 4.28 0.00 | 56.18 4.11 0.00 | 50.83 3.81 0.00 | 50.51 3.78 -3.59 | 48.49 3.37 -6.50 | 66.60 3.37 -23.84 | 62.83 4.76 -0.22 | 50.43 3.60 -2.88 | 53.92 3.73 -7.00 | 70.25 3.82 -22.81 | 74.34 2.90 -38.80 | 116.76 1.91 -92.90 | 71.92 1.94 -47.26 | 44.53 2.93 -7.05 | 47.31 2.19 -17.82 |
| GARDENVILLE___LBMP 24039 | 31.45 -0.22 -1.17 | 31.05 -0.30 -0.73 | 31.51 -0.22 -0.33 | 32.36 -0.43 -0.13 | 32.51 -0.47 -0.69 | 33.38 -0.49 -1.10 | 35.56 -0.87 -2.72 | 37.61 -1.43 0.00 | 42.43 -1.05 -0.09 | 54.17 -0.85 -5.71 | 60.93 -0.82 -9.67 | 59.52 -0.39 -12.89 | 50.98 -1.26 -9.10 | 49.48 -0.99 -11.86 | 70.15 -0.62 -31.37 | 102.00 -0.71 -44.85 | 54.82 -1.24 -12.11 | 48.58 -1.02 -6.40 | 45.95 -1.15 -3.48 | 34.51 -0.86 -2.72 | 27.64 -0.73 -6.43 | 26.13 -1.20 -4.62 | 33.25 -1.94 -0.64 | 27.66 -1.69 -2.05 |
| GENERAL___MILLS 23808 | 31.54 -0.12 -1.17 | 31.14 -0.21 -0.73 | 31.60 -0.12 -0.33 | 32.45 -0.34 -0.13 | 32.60 -0.38 -0.68 | 33.46 -0.42 -1.10 | 35.65 -0.78 -2.72 | 37.72 -1.33 0.00 | 42.58 -0.92 -0.11 | 55.64 -0.71 -7.04 | 63.25 -0.66 -11.84 | 62.29 -0.26 -15.53 | 52.88 -1.15 -10.89 | 50.78 -0.89 -13.04 | 70.69 -0.51 -31.79 | 106.56 -0.54 -49.25 | 57.22 -1.12 -14.39 | 49.93 -0.87 -7.61 | 46.43 -1.02 -3.83 | 34.61 -0.75 -2.72 | 27.71 -0.66 -6.42 | 26.20 -1.14 -4.61 | 33.33 -1.85 -0.63 | 27.71 -1.62 -2.03 |
| GE_PLASTICS___DRP 24183 | 45.29 1.47 -13.33 | 40.42 1.47 -8.32 | 36.68 1.50 -3.78 | 35.75 1.58 -1.50 | 41.69 1.56 -7.82 | 46.92 1.57 -12.57 | 66.18 1.49 -30.98 | 40.61 1.56 0.00 | 45.14 1.75 0.00 | 51.22 1.90 0.00 | 54.00 1.92 0.00 | 48.92 1.90 0.00 | 47.67 1.89 -2.65 | 44.97 1.74 -4.60 | 60.40 1.83 -19.18 | 60.65 2.58 -0.22 | 48.87 2.01 -2.90 | 50.32 1.98 -5.14 | 62.09 1.98 -16.48 | 64.16 1.49 -30.02 | 95.78 1.02 -72.82 | 62.98 1.03 -39.23 | 42.10 1.54 -6.00 | 44.57 1.12 -16.15 |
| GILBOA___1 23756 | 37.67 1.30 -5.87 | 35.55 1.26 -3.67 | 34.35 1.29 -1.66 | 34.75 1.42 -0.66 | 37.17 1.42 -3.44 | 39.66 1.35 -5.53 | 48.71 1.36 -13.64 | 40.63 1.58 0.00 | 45.17 1.78 0.00 | 51.27 1.95 0.00 | 54.10 2.03 0.00 | 49.01 1.99 0.00 | 46.18 1.88 -1.17 | 42.40 1.76 -2.02 | 50.74 1.85 -9.49 | 60.48 2.60 -0.03 | 48.02 2.02 -2.04 | 46.12 1.89 -1.04 | 47.79 1.80 -2.37 | 45.93 1.40 -11.88 | 55.23 0.94 -32.34 | 45.23 1.00 -21.51 | 39.81 1.49 -3.76 | 40.58 1.12 -12.17 |
| GILBOA___2 23757 | 37.67 1.30 -5.87 | 35.55 1.26 -3.67 | 34.35 1.29 -1.66 | 34.75 1.42 -0.66 | 37.17 1.42 -3.44 | 39.66 1.35 -5.53 | 48.71 1.36 -13.64 | 40.63 1.58 0.00 | 45.17 1.78 0.00 | 51.27 1.95 0.00 | 54.10 2.03 0.00 | 49.01 1.99 0.00 | 46.18 1.88 -1.17 | 42.40 1.76 -2.02 | 50.74 1.85 -9.49 | 60.48 2.60 -0.03 | 48.02 2.02 -2.04 | 46.12 1.89 -1.04 | 47.79 1.80 -2.37 | 45.93 1.40 -11.88 | 55.23 0.94 -32.34 | 45.23 1.00 -21.51 | 39.81 1.49 -3.76 | 40.58 1.12 -12.17 |
| GILBOA___3 23758 | 37.67 1.30 -5.87 | 35.55 1.26 -3.67 | 34.35 1.29 -1.66 | 34.75 1.42 -0.66 | 37.17 1.42 -3.44 | 39.66 1.35 -5.53 | 48.71 1.36 -13.64 | 40.63 1.58 0.00 | 45.17 1.78 0.00 | 51.27 1.95 0.00 | 54.10 2.03 0.00 | 49.01 1.99 0.00 | 46.18 1.88 -1.17 | 42.40 1.76 -2.02 | 50.74 1.85 -9.49 | 60.48 2.60 -0.03 | 48.02 2.02 -2.04 | 46.12 1.89 -1.04 | 47.79 1.80 -2.37 | 45.93 1.40 -11.88 | 55.23 0.94 -32.34 | 45.23 1.00 -21.51 | 39.81 1.49 -3.76 | 40.58 1.12 -12.17 |
| GILBOA___4 23759 | 37.67 1.30 -5.87 | 35.55 1.26 -3.67 | 34.35 1.29 -1.66 | 34.75 1.42 -0.66 | 37.17 1.42 -3.44 | 39.66 1.35 -5.53 | 48.71 1.36 -13.64 | 40.63 1.58 0.00 | 45.17 1.78 0.00 | 51.27 1.95 0.00 | 54.10 2.03 0.00 | 49.01 1.99 0.00 | 46.18 1.88 -1.17 | 42.40 1.76 -2.02 | 50.74 1.85 -9.49 | 60.48 2.60 -0.03 | 48.02 2.02 -2.04 | 46.12 1.89 -1.04 | 47.79 1.80 -2.37 | 45.93 1.40 -11.88 | 55.23 0.94 -32.34 | 45.23 1.00 -21.51 | 39.81 1.49 -3.76 | 40.58 1.12 -12.17 |
| GILBOA____ 23599 | 37.67 1.30 -5.87 | 35.55 1.26 -3.67 | 34.35 1.29 -1.66 | 34.75 1.42 -0.66 | 37.17 1.42 -3.44 | 39.66 1.35 -5.53 | 48.71 1.36 -13.64 | 40.63 1.58 0.00 | 45.17 1.78 0.00 | 51.27 1.95 0.00 | 54.10 2.03 0.00 | 49.01 1.99 0.00 | 46.18 1.88 -1.17 | 42.40 1.76 -2.02 | 50.74 1.85 -9.49 | 60.48 2.60 -0.03 | 48.02 2.02 -2.04 | 46.12 1.89 -1.04 | 47.79 1.80 -2.37 | 45.93 1.40 -11.88 | 55.23 0.94 -32.34 | 45.23 1.00 -21.51 | 39.81 1.49 -3.76 | 40.58 1.12 -12.17 |
| GINNA____ 23603 | 31.61 0.31 -0.80 | 31.39 0.26 -0.50 | 31.88 0.25 -0.23 | 32.91 0.16 -0.09 | 32.90 0.13 -0.47 | 33.72 0.18 -0.76 | 35.69 0.11 -1.87 | 39.06 0.01 0.00 | 43.60 0.22 0.00 | 49.70 0.38 0.00 | 52.56 0.49 0.00 | 47.64 0.62 0.00 | 43.48 0.18 -0.16 | 38.93 0.20 -0.11 | 40.37 0.35 -0.62 | 57.53 0.56 0.87 | 44.79 0.27 -0.56 | 44.02 0.47 -0.36 | 45.32 0.51 -1.19 | 34.82 0.29 -1.87 | 26.50 0.13 -4.43 | 25.92 -0.09 -3.29 | 34.75 -0.33 -0.53 | 28.63 -0.36 -1.69 |
| GLEN PARK____ 23778 | 29.86 -0.64 0.00 | 29.98 -0.65 0.00 | 30.91 -0.48 0.00 | 32.19 -0.47 0.00 | 31.94 -0.36 0.00 | 32.68 -0.09 0.00 | 34.00 0.28 0.00 | 39.34 0.29 0.00 | 43.97 0.58 0.00 | 50.18 0.86 0.00 | 53.19 1.12 0.00 | 48.23 1.22 0.02 | 42.69 1.24 1.69 | 33.77 0.12 4.97 | 37.25 -0.47 1.68 | 57.49 -0.36 0.00 | 44.01 -0.26 -0.32 | 42.75 -0.45 0.00 | 43.35 -0.27 0.00 | 32.46 -0.19 0.00 | 21.86 -0.08 0.00 | 23.52 -0.01 -0.81 | 34.44 -0.28 -0.16 | 27.39 -0.64 -0.73 |
| GLENWOOD_IC_1_G5 23712 | 40.84 3.29 -7.05 | 38.15 3.12 -4.40 | 36.45 3.06 -2.00 | 36.52 3.06 -0.79 | 39.55 3.11 -4.14 | 42.77 3.35 -6.65 | 53.51 3.42 -16.38 | 43.38 4.33 0.00 | 48.15 4.76 0.00 | 54.53 5.21 0.00 | 57.76 5.69 0.00 | 52.53 5.51 0.00 | 49.63 5.09 -1.40 | 46.00 4.73 -2.65 | 59.14 4.85 -14.89 | 69.40 6.89 -4.66 | 58.08 5.41 -8.71 | 57.41 5.34 -8.87 | 82.38 5.40 -33.37 | 61.09 4.04 -24.41 | 63.67 2.62 -39.11 | 50.83 2.71 -25.40 | 42.47 3.94 -3.97 | 43.48 3.04 -13.15 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_2_G1 23688 | 40.65 3.11 -7.05 | 37.97 2.94 -4.40 | 36.28 2.89 -2.00 | 36.36 2.90 -0.79 | 39.38 2.94 -4.14 | 42.60 3.17 -6.65 | 53.35 3.26 -16.38 | 43.13 4.09 0.00 | 47.88 4.49 0.00 | 54.23 4.91 0.00 | 57.41 5.34 0.00 | 52.20 5.18 0.00 | 49.32 4.78 -1.40 | 45.73 4.46 -2.65 | 58.90 4.61 -14.89 | 69.04 6.53 -4.66 | 57.81 5.14 -8.71 | 57.13 5.06 -8.87 | 82.06 5.07 -33.37 | 60.86 3.81 -24.41 | 63.53 2.48 -39.11 | 50.69 2.57 -25.40 | 42.23 3.71 -3.97 | 42.21 2.85 -12.06 |
| GLENWOOD_IC_3_G1 23689 | 40.65 3.11 -7.05 | 37.97 2.94 -4.40 | 36.28 2.89 -2.00 | 36.36 2.90 -0.79 | 39.38 2.94 -4.14 | 42.60 3.17 -6.65 | 53.35 3.26 -16.38 | 43.13 4.09 0.00 | 47.88 4.49 0.00 | 54.23 4.91 0.00 | 57.41 5.34 0.00 | 52.20 5.18 0.00 | 49.32 4.78 -1.40 | 45.73 4.46 -2.65 | 58.90 4.61 -14.89 | 69.04 6.53 -4.66 | 57.81 5.14 -8.71 | 57.13 5.06 -8.87 | 82.06 5.07 -33.37 | 60.86 3.81 -24.41 | 63.53 2.48 -39.11 | 50.69 2.57 -25.40 | 42.23 3.71 -3.97 | 42.21 2.85 -12.06 |
| GLENWOOD___4 23550 | 40.84 3.29 -7.05 | 38.15 3.12 -4.40 | 36.45 3.06 -2.00 | 36.52 3.06 -0.79 | 39.55 3.11 -4.14 | 42.77 3.35 -6.65 | 53.51 3.42 -16.38 | 43.38 4.33 0.00 | 48.15 4.76 0.00 | 54.53 5.21 0.00 | 57.76 5.69 0.00 | 52.53 5.51 0.00 | 49.63 5.09 -1.40 | 46.00 4.73 -2.65 | 59.14 4.85 -14.89 | 69.40 6.89 -4.66 | 58.08 5.41 -8.71 | 57.41 5.34 -8.87 | 82.38 5.40 -33.37 | 61.09 4.04 -24.41 | 63.67 2.62 -39.11 | 50.83 2.71 -25.40 | 42.47 3.94 -3.97 | 43.48 3.04 -13.15 |
| GLENWOOD___5 23614 | 40.84 3.29 -7.05 | 38.15 3.12 -4.40 | 36.45 3.06 -2.00 | 36.52 3.06 -0.79 | 39.55 3.11 -4.14 | 42.77 3.35 -6.65 | 53.51 3.42 -16.38 | 43.38 4.33 0.00 | 48.15 4.76 0.00 | 54.53 5.21 0.00 | 57.76 5.69 0.00 | 52.53 5.51 0.00 | 49.63 5.09 -1.40 | 46.00 4.73 -2.65 | 59.14 4.85 -14.89 | 69.40 6.89 -4.66 | 58.08 5.41 -8.71 | 57.41 5.34 -8.87 | 82.38 5.40 -33.37 | 61.09 4.04 -24.41 | 63.67 2.62 -39.11 | 50.83 2.71 -25.40 | 42.47 3.94 -3.97 | 43.48 3.04 -13.15 |
| GLOBAL GREEN_PORT_GT1 23814 | 42.17 4.63 -7.05 | 39.49 4.46 -4.40 | 37.70 4.30 -2.00 | 37.77 4.32 -0.79 | 40.86 4.42 -4.14 | 44.13 4.71 -6.65 | 54.84 4.75 -16.38 | 45.25 6.20 0.00 | 50.03 6.64 0.00 | 56.19 6.87 0.00 | 59.60 7.52 0.00 | 54.37 7.35 0.00 | 51.26 6.72 -1.40 | 47.37 6.09 -2.65 | 60.38 6.09 -14.89 | 71.26 8.76 -4.66 | 59.61 6.94 -8.71 | 59.37 7.30 -8.87 | 146.07 7.48 -94.97 | 331.23 4.91 -293.67 | 171.84 3.21 -146.69 | 64.18 3.74 -37.72 | 44.17 5.65 -3.97 | 45.26 4.38 -13.59 |
| GLOBE___DSASP 323697 | 30.47 -1.11 -1.09 | 30.14 -1.17 -0.68 | 30.56 -1.15 -0.31 | 31.35 -1.44 -0.12 | 31.37 -1.57 -0.64 | 32.08 -1.72 -1.03 | 33.90 -2.34 -2.52 | 35.88 -3.17 0.00 | 40.04 -3.18 0.18 | 36.30 -3.35 9.67 | 33.94 -3.46 14.67 | 30.26 -2.81 13.94 | 30.78 -3.44 8.92 | 28.37 -2.94 7.31 | 25.98 -2.64 10.77 | 31.92 -3.72 22.21 | 29.77 -3.45 10.74 | 34.02 -3.10 6.07 | 40.22 -3.25 0.15 | 32.73 -2.45 -2.53 | 26.12 -1.78 -5.95 | 24.79 -2.24 -4.31 | 31.77 -3.36 -0.57 | 26.32 -2.81 -1.84 |
| GOETHSLN___LBMP 323567 | 40.36 2.83 -7.02 | 37.67 2.65 -4.39 | 35.99 2.60 -1.99 | 36.11 2.65 -0.79 | 39.11 2.69 -4.12 | 42.35 2.95 -6.62 | 53.10 3.06 -16.32 | 42.79 3.74 0.00 | 47.58 4.19 0.00 | 53.99 4.68 0.00 | 57.08 5.01 0.00 | 51.90 4.88 0.00 | 48.99 4.46 -1.40 | 45.54 4.21 -2.71 | 59.75 4.43 -15.93 | 70.05 6.27 -5.93 | 58.22 4.89 -9.38 | 56.74 4.71 -8.83 | 81.47 4.65 -33.19 | 59.26 3.55 -23.06 | 63.26 2.34 -38.97 | 49.36 2.38 -24.26 | 41.91 3.41 -3.95 | 41.94 2.62 -12.02 |
| GOODYEAR_LAKE_HYD 323669 | 38.57 1.34 -6.73 | 36.07 1.25 -4.20 | 34.56 1.26 -1.91 | 34.74 1.32 -0.76 | 37.60 1.35 -3.95 | 40.58 1.45 -6.35 | 51.03 1.68 -15.64 | 41.14 2.09 0.00 | 45.81 2.42 0.00 | 52.01 2.69 0.00 | 54.95 2.88 0.00 | 49.67 2.65 0.00 | 46.74 2.26 -1.34 | 43.10 2.10 -2.37 | 51.78 2.17 -10.21 | 61.52 3.08 -0.60 | 48.59 2.34 -2.31 | 48.49 2.30 -3.00 | 55.98 2.42 -9.94 | 50.13 1.80 -15.68 | 60.08 1.17 -36.97 | 44.21 1.16 -20.33 | 37.91 1.58 -1.78 | 30.91 1.19 -2.42 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 33.56 0.65 -2.41 | 32.69 0.56 -1.50 | 32.65 0.57 -0.68 | 33.52 0.59 -0.27 | 34.33 0.61 -1.41 | 35.73 0.68 -2.27 | 40.09 0.78 -5.59 | 39.91 0.86 0.00 | 44.58 1.19 0.00 | 50.67 1.35 0.00 | 53.48 1.41 0.00 | 48.42 1.40 0.00 | 44.67 1.05 -0.48 | 40.74 1.06 -1.06 | 45.57 1.05 -5.12 | 60.76 1.60 -1.31 | 46.49 1.13 -1.41 | 45.43 1.16 -1.07 | 48.44 1.26 -3.56 | 39.22 0.94 -5.62 | 35.78 0.56 -13.28 | 32.31 0.45 -9.14 | 36.40 0.49 -1.35 | 31.80 0.36 -4.14 |
| GOUDEY___7 23579 | 33.58 0.67 -2.41 | 32.71 0.58 -1.50 | 32.68 0.60 -0.68 | 33.54 0.61 -0.27 | 34.35 0.64 -1.41 | 35.75 0.70 -2.27 | 40.12 0.81 -5.59 | 39.94 0.90 0.00 | 44.63 1.24 0.00 | 50.72 1.40 0.00 | 53.53 1.46 0.00 | 48.47 1.45 0.00 | 44.71 1.09 -0.48 | 40.78 1.09 -1.06 | 45.61 1.09 -5.12 | 60.82 1.66 -1.31 | 46.54 1.17 -1.41 | 45.47 1.20 -1.07 | 48.48 1.30 -3.56 | 39.25 0.98 -5.62 | 35.81 0.59 -13.28 | 32.33 0.47 -9.14 | 36.43 0.52 -1.35 | 31.82 0.39 -4.14 |
| GOUDEY___8 23580 | 33.56 0.65 -2.41 | 32.69 0.56 -1.50 | 32.65 0.57 -0.68 | 33.52 0.59 -0.27 | 34.33 0.61 -1.41 | 35.73 0.68 -2.27 | 40.09 0.78 -5.59 | 39.91 0.86 0.00 | 44.58 1.19 0.00 | 50.67 1.35 0.00 | 53.48 1.41 0.00 | 48.42 1.40 0.00 | 44.67 1.05 -0.48 | 40.74 1.06 -1.06 | 45.57 1.05 -5.12 | 60.76 1.60 -1.31 | 46.49 1.13 -1.41 | 45.43 1.16 -1.07 | 48.44 1.26 -3.56 | 39.22 0.94 -5.62 | 35.78 0.56 -13.28 | 32.31 0.45 -9.14 | 36.40 0.49 -1.35 | 31.80 0.36 -4.14 |
| GOWANUS_GT1_1 24077 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_2 24078 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_3 24079 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_4 24080 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| GOWANUS_GT1_5 24084 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_6 24111 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_7 24112 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT1_8 24113 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT2_1 24114 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT2_2 24115 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT2_3 24116 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT2_4 24117 | 40.62 3.09 -7.03 | 37.97 2. | | | | | | | | | | | | | | | | | | | | | | |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|
| GOWANUS_GT3_4 24125 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT3_5 24126 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT3_6 24127 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT3_7 24128 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT3_8 24129 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_1 24130 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_2 24131 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_3 24132 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_4 24133 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_5 24134 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_6 24135 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_7 24136 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GOWANUS_GT4_8 24137 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.62 -2.71 | 59.89 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GREENIDGE___3 23582 | 32.58 0.65 -1.43 | 32.09 0.57 -0.89 | 32.40 0.60 -0.41 | 33.41 0.59 -0.16 | 33.76 0.63 -0.84 | 34.88 0.76 -1.35 | 37.97 0.93 -3.32 | 39.90 0.85 0.00 | 44.44 1.05 0.00 | 50.64 1.33 0.00 | 53.56 1.49 0.00 | 48.71 1.70 0.00 | 44.56 1.13 -0.28 | 40.45 0.99 -0.85 | 44.39 0.93 -4.07 | 61.59 1.37 -2.37 | 45.94 1.09 -0.90 | 45.17 1.34 -0.64 | 47.21 1.48 -2.11 | 37.09 1.11 -3.34 | 30.44 0.62 -7.88 | 28.71 0.38 -5.60 | 35.67 0.27 -0.84 | 30.08 0.13 -2.65 |
| GREENIDGE___4 23583 | 32.58 0.65 -1.43 | 32.09 0.57 -0.89 | 32.40 0.60 -0.41 | 33.41 0.59 -0.16 | 33.76 0.63 -0.84 | 34.88 0.76 -1.35 | 37.97 0.93 -3.32 | 39.90 0.85 0.00 | 44.44 1.05 0.00 | 50.64 1.33 0.00 | 53.56 1.49 0.00 | 48.71 1.70 0.00 | 44.56 1.13 -0.28 | 40.45 0.99 -0.85 | 44.39 0.93 -4.07 | 61.59 1.37 -2.37 | 45.94 1.09 -0.90 | 45.17 1.34 -0.64 | 47.21 1.48 -2.11 | 37.09 1.11 -3.34 | 30.44 0.62 -7.88 | 28.71 0.38 -5.60 | 35.67 0.27 -0.84 | 30.08 0.13 -2.65 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| GROVEVILLE___HYD 323602 | 40.54 2.76 -7.28 | 37.78 2.60 -4.55 | 36.04 2.59 -2.07 | 36.08 2.60 -0.82 | 39.20 2.63 -4.27 | 42.49 2.85 -6.86 | 53.64 3.00 -16.91 | 42.69 3.64 0.00 | 47.45 4.06 0.00 | 53.81 4.49 0.00 | 56.80 4.73 0.00 | 51.55 4.53 0.00 | 48.74 4.15 -1.45 | 45.09 3.94 -2.53 | 55.15 4.20 -11.55 | 64.18 5.98 -0.35 | 54.80 4.69 -6.15 | 56.36 4.63 -8.53 | 80.24 4.67 -31.94 | 59.34 3.52 -23.18 | 64.59 2.30 -40.35 | 49.88 2.31 -24.84 | 41.89 3.31 -4.03 | 41.94 2.50 -12.14 |
| HAMPSHIRE___PAPER_HYD 323593 | 29.92 -0.58 0.00 | 30.18 -0.44 0.00 | 31.00 -0.40 0.00 | 32.27 -0.39 0.00 | 31.98 -0.32 0.00 | 32.55 -0.23 0.00 | 33.69 -0.03 0.00 | 39.08 0.03 0.00 | 43.43 0.04 0.00 | 49.48 0.16 0.00 | 52.33 0.26 0.00 | 47.08 0.10 0.04 | 38.71 0.01 4.44 | 25.15 -0.43 13.04 | 33.78 -0.75 4.87 | 56.98 -0.87 0.00 | 43.53 -0.62 0.00 | 42.56 -0.63 0.00 | 43.08 -0.54 0.00 | 32.21 -0.43 0.00 | 21.69 -0.26 0.00 | 23.02 -0.13 -0.42 | 34.37 -0.18 0.00 | 26.95 -0.35 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 29.12 0.43 1.81 | 29.82 0.32 1.14 | 31.29 0.41 0.51 | 32.96 0.51 0.20 | 31.96 0.73 1.06 | 31.87 0.81 1.71 | 30.35 0.85 4.22 | 39.99 0.94 0.00 | 44.59 1.20 0.00 | 50.56 1.24 0.00 | 53.09 1.02 0.00 | 48.04 1.02 0.00 | 44.38 1.30 0.05 | 40.12 1.22 -0.28 | 38.72 1.15 1.83 | 59.33 1.49 0.01 | 45.09 1.01 -0.12 | 43.43 1.05 0.81 | 42.10 1.16 2.68 | 29.27 0.87 4.25 | 12.45 0.54 10.04 | 19.50 0.61 3.83 | 34.70 0.55 0.40 | 27.34 0.35 0.30 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 39.55 2.49 -6.56 | 37.06 2.34 -4.10 | 35.56 2.30 -1.86 | 35.70 2.30 -0.74 | 38.50 2.35 -3.85 | 41.50 2.54 -6.19 | 51.62 2.65 -15.25 | 42.22 3.17 0.00 | 46.94 3.55 0.00 | 53.25 3.93 0.00 | 56.28 4.21 0.00 | 51.08 4.06 0.00 | 48.14 3.70 -1.30 | 44.39 3.54 -2.22 | 52.77 3.77 -9.61 | 62.38 5.34 0.81 | 53.45 4.20 -5.30 | 55.27 4.11 -7.96 | 77.62 4.14 -29.86 | 57.00 3.15 -21.21 | 60.39 2.05 -36.40 | 47.71 2.06 -22.92 | 41.22 2.97 -3.70 | 40.83 2.28 -11.25 |
| HARZA MOOSE___RIVER 24016 | 30.14 0.36 0.73 | 30.54 0.37 0.45 | 31.61 0.42 0.21 | 33.02 0.44 0.08 | 32.41 0.53 0.43 | 32.77 0.68 0.68 | 33.01 0.98 1.69 | 40.23 1.18 0.00 | 44.84 1.46 0.00 | 50.99 1.67 0.00 | 53.84 1.77 0.00 | 48.77 1.76 0.01 | 43.25 1.54 1.43 | 35.63 1.03 4.02 | 37.96 0.73 2.17 | 59.03 1.18 0.00 | 45.16 0.96 -0.25 | 43.87 1.00 0.32 | 43.67 1.12 1.07 | 31.76 0.82 1.70 | 18.46 0.53 4.02 | 22.24 0.53 1.02 | 35.12 0.62 0.05 | 27.98 0.32 -0.37 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 40.53 3.00 -7.03 | 37.87 2.85 -4.39 | 36.20 2.81 -1.99 | 36.36 2.91 -0.79 | 39.35 2.92 -4.13 | 42.58 3.17 -6.63 | 53.38 3.32 -16.34 | 43.08 4.03 0.00 | 47.89 4.51 0.00 | 54.35 5.03 0.00 | 57.44 5.37 0.00 | 52.20 5.18 0.00 | 49.28 4.74 -1.40 | 45.79 4.48 -2.69 | 59.65 4.67 -15.58 | 70.00 6.65 -5.51 | 58.24 5.13 -9.16 | 56.97 4.94 -8.84 | 81.73 4.86 -33.25 | 59.42 3.69 -23.09 | 63.39 2.43 -39.02 | 49.48 2.48 -24.28 | 42.09 3.57 -3.96 | 42.07 2.74 -12.04 |
| HEMPSTEAD____ 23647 | 40.87 3.32 -7.05 | 38.18 3.15 -4.40 | 36.46 3.07 -2.00 | 36.51 3.05 -0.79 | 39.56 3.12 -4.14 | 42.77 3.35 -6.65 | 53.47 3.38 -16.38 | 43.42 4.38 0.00 | 48.13 4.74 0.00 | 54.44 5.13 0.00 | 57.61 5.53 0.00 | 52.45 5.43 0.00 | 49.59 5.05 -1.40 | 45.93 4.66 -2.65 | 58.98 4.70 -14.89 | 69.13 6.63 -4.66 | 57.93 5.26 -8.71 | 57.33 5.26 -8.87 | 82.28 5.30 -33.37 | 61.01 3.96 -24.41 | 63.61 2.55 -39.11 | 50.83 2.71 -25.40 | 42.52 4.00 -3.97 | 43.70 3.10 -13.31 |
| HICKLING___1 23621 | 33.26 0.90 -1.86 | 32.57 0.78 -1.16 | 32.78 0.86 -0.53 | 33.76 0.89 -0.21 | 34.30 0.91 -1.09 | 35.58 1.06 -1.75 | 39.33 1.30 -4.32 | 40.40 1.35 0.00 | 45.25 1.86 0.00 | 51.53 2.21 0.00 | 54.43 2.36 0.00 | 49.42 2.40 0.00 | 45.13 1.62 -0.37 | 41.20 1.53 -1.05 | 45.93 1.41 -5.11 | 63.53 2.31 -3.37 | 46.71 1.62 -1.13 | 45.80 1.78 -0.83 | 48.32 1.95 -2.74 | 38.48 1.50 -4.34 | 33.02 0.83 -10.24 | 30.49 0.59 -7.17 | 36.20 0.58 -1.07 | 31.01 0.38 -3.33 |
| HICKLING___2 23622 | 33.26 0.90 -1.86 | 32.57 0.78 -1.16 | 32.78 0.86 -0.53 | 33.76 0.89 -0.21 | 34.30 0.91 -1.09 | 35.58 1.06 -1.75 | 39.33 1.30 -4.32 | 40.40 1.35 0.00 | 45.25 1.86 0.00 | 51.53 2.21 0.00 | 54.43 2.36 0.00 | 49.42 2.40 0.00 | 45.13 1.62 -0.37 | 41.20 1.53 -1.05 | 45.93 1.41 -5.11 | 63.53 2.31 -3.37 | 46.71 1.62 -1.13 | 45.80 1.78 -0.83 | 48.32 1.95 -2.74 | 38.48 1.50 -4.34 | 33.02 0.83 -10.24 | 30.49 0.59 -7.17 | 36.20 0.58 -1.07 | 31.01 0.38 -3.33 |
| HIGH FALLS___HY 23754 | 40.95 3.07 -7.38 | 38.12 2.88 -4.61 | 36.34 2.85 -2.09 | 36.39 2.89 -0.83 | 39.57 2.94 -4.33 | 42.92 3.18 -6.96 | 54.27 3.40 -17.15 | 43.16 4.12 0.00 | 47.97 4.58 0.00 | 54.38 5.06 0.00 | 57.24 5.17 0.00 | 51.84 4.82 0.00 | 48.95 4.34 -1.47 | 45.41 4.25 -2.55 | 55.34 4.56 -11.39 | 64.35 6.46 -0.04 | 54.40 5.07 -5.37 | 55.87 5.10 -7.57 | 76.93 5.25 -28.06 | 58.84 3.97 -22.23 | 65.34 2.58 -40.82 | 50.20 2.58 -24.90 | 42.21 3.68 -3.98 | 41.95 2.82 -11.84 |
| HILLBURN___GT 23639 | 39.73 2.57 -6.66 | 37.20 2.41 -4.16 | 35.65 2.37 -1.89 | 35.77 2.36 -0.75 | 38.61 2.41 -3.91 | 41.67 2.61 -6.28 | 51.90 2.71 -15.48 | 42.28 3.23 0.00 | 46.99 3.60 0.00 | 53.31 3.99 0.00 | 56.36 4.29 0.00 | 51.18 4.16 0.00 | 48.24 3.78 -1.32 | 44.49 3.62 -2.25 | 52.86 3.85 -9.62 | 62.31 5.42 0.96 | 53.50 4.23 -5.31 | 55.46 4.12 -8.14 | 78.31 4.14 -30.55 | 57.40 3.16 -21.59 | 60.96 2.07 -36.94 | 48.02 2.09 -23.20 | 41.33 3.02 -3.75 | 41.04 2.34 -11.41 |
| HISHELDN_WT_PWR 323625 | 31.22 -0.56 -1.28 | 30.80 -0.62 -0.80 | 31.29 -0.47 -0.36 | 32.16 -0.65 -0.14 | 32.39 -0.66 -0.75 | 33.33 -0.65 -1.20 | 35.90 -0.78 -2.97 | 37.71 -1.34 0.00 | 42.41 -1.03 -0.05 | 51.78 -0.89 -3.35 | 56.98 -0.77 -5.68 | 54.25 -0.35 -7.57 | 47.40 -1.20 -5.47 | 44.69 -1.12 -7.18 | 58.19 -0.73 -19.52 | 83.63 -0.64 -26.42 | 50.20 -1.24 -7.48 | 46.27 -0.94 -4.02 | 45.44 -1.10 -2.91 | 34.81 -0.82 -2.97 | 28.26 -0.71 -7.03 | 26.55 -1.20 -5.02 | 33.28 -1.98 -0.71 | 27.84 -1.73 -2.27 |
| HOLTSVILLE_IC_1 23690 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| HOLTSVILLE_IC_10 23699 | 41.57 4.02 -7.05 | 38.88 3.85 -4.40 | 37.14 3.75 -2.00 | 37.18 3.73 -0.79 | 40.24 3.81 -4.14 | 43.47 4.04 -6.65 | 54.09 3.99 -16.38 | 44.34 5.29 0.00 | 48.98 5.59 0.00 | 55.17 5.85 0.00 | 58.52 6.44 0.00 | 53.42 6.40 0.00 | 50.44 5.90 -1.40 | 46.62 5.35 -2.65 | 59.51 5.23 -14.89 | 69.95 7.44 -4.66 | 58.64 5.97 -8.71 | 58.28 6.21 -8.87 | 142.85 6.31 -92.92 | 322.04 4.70 -284.70 | 168.00 2.96 -143.10 | 63.18 3.16 -37.31 | 43.33 4.81 -3.97 | 44.65 3.77 -13.58 |

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|-------------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_2 23691 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| HOLTSVILLE_IC_3 23692 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| HOLTSVILLE_IC_4 23693 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| HOLTSVILLE_IC_5 23694 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| HOLTSVILLE_IC_6 23695 | 41.57 4.02 -7.05 | 38.88 3.85 -4.40 | 37.14 3.75 -2.00 | 37.18 3.73 -0.79 | 40.24 3.81 -4.14 | 43.47 4.04 -6.65 | 54.09 3.99 -16.38 | 44.34 5.29 0.00 | 48.98 5.59 0.00 | 55.17 5.85 0.00 | 58.52 6.44 0.00 | 53.42 6.40 0.00 | 50.44 5.90 -1.40 | 46.62 5.35 -2.65 | 59.51 5.23 -14.89 | 69.95 7.44 -4.66 | 58.64 5.97 -8.71 | 58.28 6.21 -8.87 | 142.85 6.31 -92.92 | 322.04 4.70 -284.70 | 168.00 2.96 -143.10 | 63.18 3.16 -37.31 | 43.33 4.81 -3.97 | 44.65 3.77 -13.58 |
| HOLTSVILLE_IC_7 23696 | 41.57 4.02 -7.05 | 38.88 3.85 -4.40 | 37.14 3.75 -2.00 | 37.18 3.73 -0.79 | 40.24 3.81 -4.14 | 43.47 4.04 -6.65 | 54.09 3.99 -16.38 | 44.34 5.29 0.00 | 48.98 5.59 0.00 | 55.17 5.85 0.00 | 58.52 6.44 0.00 | 53.42 6.40 0.00 | 50.44 5.90 -1.40 | 46.62 5.35 -2.65 | 59.51 5.23 -14.89 | 69.95 7.44 -4.66 | 58.64 5.97 -8.71 | 58.28 6.21 -8.87 | 142.85 6.31 -92.92 | 322.04 4.70 -284.70 | 168.00 2.96 -143.10 | 63.18 3.16 -37.31 | 43.33 4.81 -3.97 | 44.65 3.77 -13.58 |
| HOLTSVILLE_IC_8 23697 | 41.57 4.02 -7.05 | 38.88 3.85 -4.40 | 37.14 3.75 -2.00 | 37.18 3.73 -0.79 | 40.24 3.81 -4.14 | 43.47 4.04 -6.65 | 54.09 3.99 -16.38 | 44.34 5.29 0.00 | 48.98 5.59 0.00 | 55.17 5.85 0.00 | 58.52 6.44 0.00 | 53.42 6.40 0.00 | 50.44 5.90 -1.40 | 46.62 5.35 -2.65 | 59.51 5.23 -14.89 | 69.95 7.44 -4.66 | 58.64 5.97 -8.71 | 58.28 6.21 -8.87 | 142.85 6.31 -92.92 | 322.04 4.70 -284.70 | 168.00 2.96 -143.10 | 63.18 3.16 -37.31 | 43.33 4.81 -3.97 | 44.65 3.77 -13.58 |
| HOLTSVILLE_IC_9 23698 | 41.57 4.02 -7.05 | 38.88 3.85 -4.40 | 37.14 3.75 -2.00 | 37.18 3.73 -0.79 | 40.24 3.81 -4.14 | 43.47 4.04 -6.65 | 54.09 3.99 -16.38 | 44.34 5.29 0.00 | 48.98 5.59 0.00 | 55.17 5.85 0.00 | 58.52 6.44 0.00 | 53.42 6.40 0.00 | 50.44 5.90 -1.40 | 46.62 5.35 -2.65 | 59.51 5.23 -14.89 | 69.95 7.44 -4.66 | 58.64 5.97 -8.71 | 58.28 6.21 -8.87 | 142.85 6.31 -92.92 | 322.04 4.70 -284.70 | 168.00 2.96 -143.10 | 63.18 3.16 -37.31 | 43.33 4.81 -3.97 | 44.65 3.77 -13.58 |
| HOWARD_WT_PWR 323690 | 32.08 0.07 -1.51 | 31.59 0.02 -0.94 | 32.03 0.21 -0.43 | 33.03 0.20 -0.17 | 33.52 0.33 -0.89 | 34.75 0.56 -1.43 | 37.98 0.75 -3.51 | 39.69 0.64 0.00 | 44.56 1.14 -0.03 | 53.01 1.51 -2.19 | 57.56 1.74 -3.75 | 54.08 1.95 -5.12 | 47.84 0.87 -3.83 | 43.98 0.62 -4.74 | 52.56 0.55 -12.61 | 74.94 1.39 -15.70 | 50.14 0.71 -5.47 | 47.36 1.16 -3.00 | 47.68 1.14 -2.93 | 37.03 0.86 -3.52 | 30.68 0.42 -8.32 | 28.61 0.00 -5.89 | 34.91 -0.51 -0.87 | 29.52 -0.50 -2.73 |
| HQ_GEN_CEDARS 23644 | 29.00 -0.93 0.57 | 29.68 -0.59 0.36 | 30.60 -0.63 0.16 | 31.98 -0.62 0.06 | 31.34 -0.63 0.34 | 31.53 -0.70 0.54 | 31.58 -0.80 1.34 | 38.23 -0.82 0.00 | 42.29 -1.10 0.00 | 48.26 -1.06 0.00 | 50.97 -1.10 0.00 | 45.54 -1.41 0.06 | 34.04 -1.33 7.77 | 14.57 -1.34 22.72 | 28.64 -1.43 9.33 | 55.96 -1.88 0.00 | 42.60 -1.42 -0.07 | 41.52 -1.42 0.26 | 41.32 -1.46 0.85 | 30.19 -1.11 1.34 | 18.09 -0.68 3.18 | 21.09 -0.50 1.14 | 33.94 -0.50 0.11 | 26.87 -0.43 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 29.00 -0.93 0.57 | 29.68 -0.59 0.36 | 30.60 -0.63 0.16 | 31.98 -0.62 0.06 | 31.34 -0.63 0.34 | 31.53 -0.70 0.54 | 31.58 -0.80 1.34 | 38.23 -0.82 0.00 | 42.29 -1.10 0.00 | 48.26 -1.06 0.00 | 50.97 -1.10 0.00 | 45.54 -1.41 0.06 | 34.04 -1.33 7.77 | 14.57 -1.34 22.72 | 28.64 -1.43 9.33 | 55.96 -1.88 0.00 | 42.60 -1.42 -0.07 | 41.52 -1.42 0.26 | 41.32 -1.46 0.85 | 30.19 -1.11 1.34 | 18.09 -0.68 3.18 | 21.09 -0.50 1.14 | 33.94 -0.50 0.11 | 26.87 -0.43 0.00 |
| HQ_GEN_IMPORT 323601 | 29.79 -0.72 0.00 | 29.97 -0.66 0.00 | 30.73 -0.66 0.00 | 32.00 -0.66 0.00 | 31.61 -0.68 0.00 | 32.07 -0.71 0.00 | 33.00 -0.72 0.00 | 38.25 -0.79 0.00 | 42.39 -1.01 0.00 | 48.25 -1.07 0.00 | 50.95 -1.12 0.00 | 45.77 -1.23 0.02 | 40.18 -1.11 1.85 | 32.14 -1.05 5.44 | 36.21 -1.10 2.09 | 56.34 -1.51 0.00 | 42.81 -1.14 0.00 | 41.68 -1.14 0.37 | 42.45 -1.18 0.00 | 31.76 -0.88 0.00 | 21.32 -0.58 0.05 | 22.19 -0.54 0.00 | 33.89 -0.66 0.00 | 26.51 -0.49 0.30 |
| HQ_GEN_WHEEL 23651 | 29.79 -0.72 0.00 | 29.97 -0.66 0.00 | 30.73 -0.66 0.00 | 32.00 -0.66 0.00 | 31.61 -0.68 0.00 | 32.07 -0.71 0.00 | 33.00 -0.72 0.00 | 38.25 -0.79 0.00 | 42.39 -1.01 0.00 | 48.25 -1.07 0.00 | 50.95 -1.12 0.00 | 45.77 -1.23 0.02 | 40.18 -1.11 1.85 | 32.14 -1.05 5.44 | 36.21 -1.10 2.09 | 56.34 -1.51 0.00 | 42.81 -1.14 0.00 | 41.68 -1.14 0.37 | 42.45 -1.18 0.00 | 31.76 -0.88 0.00 | 21.32 -0.58 0.05 | 22.19 -0.54 0.00 | 33.89 -0.66 0.00 | 26.51 -0.49 0.30 |
| HUDSON_AVE_GT_3 23810 | 40.55 3.03 -7.02 | 37.87 2.86 -4.39 | 36.20 2.81 -1.99 | 36.31 2.85 -0.79 | 39.31 2.89 -4.12 | 42.54 3.14 -6.62 | 53.31 3.27 -16.32 | 43.04 3.99 0.00 | 47.89 4.51 0.00 | 54.37 5.05 0.00 | 57.47 5.39 0.00 | 52.24 5.22 0.00 | 49.32 4.78 -1.40 | 45.85 4.51 -2.71 | 60.06 4.73 -15.93 | 70.50 6.71 -5.93 | 58.55 5.22 -9.38 | 57.05 5.02 -8.83 | 81.79 4.97 -33.19 | 59.46 3.75 -23.06 | 63.39 2.47 -38.97 | 49.49 2.52 -24.26 | 42.12 3.61 -3.95 | 42.09 2.77 -12.02 |
| HUDSON_AVE_GT_4 23540 | 40.55 3.03 -7.02 | 37.87 2.86 -4.39 | 36.20 2.81 -1.99 | 36.31 2.85 -0.79 | 39.31 2.89 -4.12 | 42.54 3.14 -6.62 | 53.31 3.27 -16.32 | 43.04 3.99 0.00 | 47.89 4.51 0.00 | 54.37 5.05 0.00 | 57.47 5.39 0.00 | 52.24 5.22 0.00 | 49.32 4.78 -1.40 | 45.85 4.51 -2.71 | 60.06 4.73 -15.93 | 70.50 6.71 -5.93 | 58.55 5.22 -9.38 | 57.05 5.02 -8.83 | 81.79 4.97 -33.19 | 59.46 3.75 -23.06 | 63.39 2.47 -38.97 | 49.49 2.52 -24.26 | 42.12 3.61 -3.95 | 42.09 2.77 -12.02 |

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| HUDSON AVE_GT_5 23657 | 40.55 3.03 -7.02 | 37.87 2.86 -4.39 | 36.20 2.81 -1.99 | 36.31 2.85 -0.79 | 39.31 2.89 -4.12 | 42.54 3.14 -6.62 | 53.31 3.27 -16.32 | 43.04 3.99 0.00 | 47.89 4.51 0.00 | 54.37 5.05 0.00 | 57.47 5.39 0.00 | 52.24 5.22 0.00 | 49.32 4.78 -1.40 | 45.85 4.51 -2.71 | 60.06 4.73 -15.93 | 70.50 6.71 -5.93 | 58.55 5.22 -9.38 | 57.05 5.02 -8.83 | 81.79 4.97 -33.19 | 59.46 3.75 -23.06 | 63.39 2.47 -38.97 | 49.49 2.52 -24.26 | 42.12 3.61 -3.95 | 42.09 2.77 -12.02 |
| HUDSON_AVE_10 24168 | 40.44 2.92 -7.02 | 37.75 2.74 -4.39 | 36.07 2.69 -1.99 | 36.19 2.74 -0.79 | 39.19 2.77 -4.12 | 42.41 3.01 -6.62 | 53.20 3.16 -16.32 | 42.89 3.84 0.00 | 47.71 4.32 0.00 | 54.15 4.83 0.00 | 57.20 5.14 0.01 | 52.00 4.99 0.01 | 49.10 4.57 -1.39 | 45.63 4.31 -2.70 | 59.83 4.52 -15.92 | 70.19 6.41 -5.92 | 58.30 4.98 -9.37 | 56.83 4.80 -8.83 | 81.57 4.75 -33.19 | 59.30 3.59 -23.06 | 63.27 2.36 -38.97 | 49.37 2.40 -24.25 | 41.96 3.45 -3.95 | 41.96 2.64 -12.02 |
| HUNTER MOUNT___DRP 323613 | 41.98 2.42 -9.06 | 38.63 2.34 -5.66 | 36.32 2.35 -2.57 | 36.09 2.41 -1.02 | 40.05 2.43 -5.32 | 43.87 2.55 -8.55 | 57.47 2.68 -21.06 | 42.19 3.14 0.00 | 46.91 3.52 0.00 | 53.17 3.86 0.00 | 55.87 3.79 0.00 | 50.62 3.60 0.00 | 48.31 3.37 -1.80 | 44.87 3.11 -3.13 | 56.44 3.33 -13.71 | 63.00 4.93 -0.22 | 52.87 3.89 -5.02 | 54.45 3.92 -7.34 | 74.28 4.06 -26.60 | 60.67 3.06 -24.97 | 73.86 2.00 -49.92 | 53.74 1.97 -29.05 | 41.96 2.81 -4.59 | 42.61 2.07 -13.25 |
| HUNTINGTON_RES_REC 323705 | 41.29 3.74 -7.05 | 38.61 3.58 -4.40 | 36.88 3.48 -2.00 | 36.91 3.45 -0.79 | 39.95 3.52 -4.14 | 43.18 3.76 -6.65 | 53.80 3.71 -16.38 | 43.99 4.94 0.00 | 48.64 5.25 0.00 | 54.88 5.57 0.00 | 58.11 6.04 0.00 | 52.99 5.97 0.00 | 50.06 5.52 -1.40 | 46.30 5.03 -2.65 | 59.15 4.86 -14.89 | 69.45 6.94 -4.66 | 58.30 5.63 -8.71 | 57.87 5.81 -8.87 | 202.55 5.95 -152.98 | 584.37 4.47 -547.25 | 272.75 2.80 -248.00 | 75.03 2.99 -49.32 | 43.02 4.50 -3.97 | 44.45 3.53 -13.62 |
| HUNTLEY___63 23557 | 31.28 -0.33 -1.11 | 30.94 -0.38 -0.69 | 31.39 -0.32 -0.31 | 32.22 -0.57 -0.12 | 32.27 -0.68 -0.65 | 33.08 -0.74 -1.04 | 35.07 -1.22 -2.57 | 37.15 -1.90 0.00 | 41.76 -1.68 -0.05 | 50.31 -1.57 -2.57 | 54.40 -1.56 -3.88 | 49.64 -1.08 -3.70 | 43.91 -1.87 -2.64 | 40.80 -1.51 -3.69 | 46.33 -1.17 -8.11 | 69.82 -1.57 -13.54 | 45.87 -1.84 -3.76 | 43.86 -1.56 -2.23 | 44.00 -1.71 -2.10 | 33.93 -1.30 -2.58 | 27.03 -1.01 -6.09 | 25.62 -1.50 -4.39 | 32.84 -2.30 -0.58 | 27.18 -2.00 -1.89 |
| HUNTLEY___64 23558 | 31.28 -0.33 -1.11 | 30.94 -0.38 -0.69 | 31.39 -0.32 -0.31 | 32.22 -0.57 -0.12 | 32.27 -0.68 -0.65 | 33.08 -0.74 -1.04 | 35.07 -1.22 -2.57 | 37.15 -1.90 0.00 | 41.76 -1.68 -0.05 | 50.31 -1.57 -2.57 | 54.40 -1.56 -3.88 | 49.64 -1.08 -3.70 | 43.91 -1.87 -2.64 | 40.80 -1.51 -3.69 | 46.33 -1.17 -8.11 | 69.82 -1.57 -13.54 | 45.87 -1.84 -3.76 | 43.86 -1.56 -2.23 | 44.00 -1.71 -2.10 | 33.93 -1.30 -2.58 | 27.03 -1.01 -6.09 | 25.62 -1.50 -4.39 | 32.84 -2.30 -0.58 | 27.18 -2.00 -1.89 |
| HUNTLEY___65 23559 | 31.28 -0.33 -1.11 | 30.94 -0.38 -0.69 | 31.39 -0.32 -0.31 | 32.22 -0.57 -0.12 | 32.27 -0.68 -0.65 | 33.08 -0.74 -1.04 | 35.07 -1.22 -2.57 | 37.15 -1.90 0.00 | 41.76 -1.68 -0.05 | 50.31 -1.57 -2.57 | 54.40 -1.56 -3.88 | 49.64 -1.08 -3.70 | 43.91 -1.87 -2.64 | 40.80 -1.51 -3.69 | 46.33 -1.17 -8.11 | 69.82 -1.57 -13.54 | 45.87 -1.84 -3.76 | 43.86 -1.56 -2.23 | 44.00 -1.71 -2.10 | 33.93 -1.30 -2.58 | 27.03 -1.01 -6.09 | 25.62 -1.50 -4.39 | 32.84 -2.30 -0.58 | 27.18 -2.00 -1.89 |
| HUNTLEY___66 23560 | 31.28 -0.33 -1.11 | 30.94 -0.38 -0.69 | 31.39 -0.32 -0.31 | 32.22 -0.57 -0.12 | 32.27 -0.68 -0.65 | 33.08 -0.74 -1.04 | 35.07 -1.22 -2.57 | 37.15 -1.90 0.00 | 41.76 -1.68 -0.05 | 50.31 -1.57 -2.57 | 54.40 -1.56 -3.88 | 49.64 -1.08 -3.70 | 43.91 -1.87 -2.64 | 40.80 -1.51 -3.69 | 46.33 -1.17 -8.11 | 69.82 -1.57 -13.54 | 45.87 -1.84 -3.76 | 43.86 -1.56 -2.23 | 44.00 -1.71 -2.10 | 33.93 -1.30 -2.58 | 27.03 -1.01 -6.09 | 25.62 -1.50 -4.39 | 32.84 -2.30 -0.58 | 27.18 -2.00 -1.89 |
| HUNTLEY___67 23561 | 31.11 -0.52 -1.13 | 30.75 -0.59 -0.71 | 31.19 -0.52 -0.32 | 32.02 -0.77 -0.13 | 32.11 -0.85 -0.66 | 32.90 -0.93 -1.06 | 34.93 -1.41 -2.63 | 36.97 -2.08 0.00 | 41.64 -1.83 -0.07 | 52.74 -1.76 -5.18 | 59.23 -1.79 -8.95 | 58.17 -1.29 -12.44 | 49.89 -2.07 -8.82 | 50.42 -1.71 -13.51 | 78.27 -1.37 -40.24 | 108.01 -1.80 -51.96 | 53.68 -2.03 -11.76 | 47.58 -1.76 -6.15 | 45.07 -1.92 -3.37 | 33.83 -1.44 -2.63 | 27.06 -1.09 -6.21 | 25.64 -1.55 -4.47 | 32.72 -2.45 -0.61 | 27.17 -2.10 -1.98 |
| HUNTLEY___68 23562 | 31.11 -0.52 -1.13 | 30.75 -0.59 -0.71 | 31.19 -0.52 -0.32 | 32.02 -0.77 -0.13 | 32.11 -0.85 -0.66 | 32.90 -0.93 -1.06 | 34.93 -1.41 -2.63 | 36.97 -2.08 0.00 | 41.64 -1.83 -0.07 | 52.74 -1.76 -5.18 | 59.23 -1.79 -8.95 | 58.17 -1.29 -12.44 | 49.89 -2.07 -8.82 | 50.42 -1.71 -13.51 | 78.27 -1.37 -40.24 | 108.01 -1.80 -51.96 | 53.68 -2.03 -11.76 | 47.58 -1.76 -6.15 | 45.07 -1.92 -3.37 | 33.83 -1.44 -2.63 | 27.06 -1.09 -6.21 | 25.64 -1.55 -4.47 | 32.72 -2.45 -0.61 | 27.17 -2.10 -1.98 |
| HYLAND___LFGE 323620 | 33.11 1.38 -1.23 | 32.65 1.26 -0.77 | 33.08 1.34 -0.35 | 34.11 1.31 -0.14 | 34.34 1.32 -0.72 | 35.41 1.48 -1.16 | 38.35 1.78 -2.85 | 41.07 2.02 0.00 | 45.98 2.59 0.00 | 52.48 3.16 0.00 | 55.56 3.49 0.00 | 49.98 2.96 0.00 | 45.27 1.89 -0.24 | 41.22 1.65 -0.94 | 45.87 1.90 -4.58 | 65.23 3.45 -3.93 | 47.33 2.59 -0.79 | 46.63 2.89 -0.55 | 48.28 2.85 -1.81 | 37.61 2.11 -2.86 | 29.93 1.23 -6.76 | 28.40 0.83 -4.85 | 36.13 0.85 -0.73 | 30.05 0.44 -2.32 |
| INDECK___CORINTH 23802 | 49.69 2.14 -17.05 | 43.32 2.05 -10.65 | 38.39 2.16 -4.83 | 36.81 2.23 -1.92 | 44.60 2.29 -10.01 | 51.17 2.31 -16.09 | 75.96 2.61 -39.63 | 42.23 3.18 0.00 | 47.03 3.64 0.00 | 53.31 3.99 0.00 | 55.91 3.83 0.00 | 50.56 3.54 0.00 | 50.30 3.56 -3.61 | 48.32 3.16 -6.54 | 66.49 3.15 -23.94 | 62.50 4.42 -0.22 | 50.16 3.34 -2.87 | 53.68 3.46 -7.03 | 70.09 3.57 -22.90 | 74.34 2.70 -38.99 | 117.10 1.78 -93.38 | 72.00 1.82 -47.45 | 44.36 2.73 -7.07 | 47.21 2.04 -17.88 |
| INDECK___ILION 23567 | 29.07 0.39 1.81 | 29.83 0.34 1.14 | 31.25 0.37 0.51 | 32.85 0.40 0.20 | 31.71 0.48 1.06 | 31.57 0.51 1.71 | 30.05 0.55 4.22 | 39.65 0.60 0.00 | 44.15 0.76 0.00 | 50.10 0.78 0.00 | 52.74 0.66 0.00 | 47.70 0.68 0.00 | 43.91 0.82 0.05 | 39.67 0.76 -0.28 | 38.30 0.72 1.83 | 58.78 0.94 0.01 | 44.74 0.66 -0.12 | 43.11 0.72 0.81 | 41.76 0.82 2.68 | 29.02 0.62 4.25 | 12.30 0.40 10.04 | 19.29 0.39 3.83 | 34.61 0.46 0.40 | 27.30 0.30 0.30 |
| INDECK___OLEAN 23982 | 32.74 0.97 -1.27 | 32.15 0.73 -0.79 | 32.64 0.88 -0.36 | 33.55 0.74 -0.14 | 34.04 0.99 -0.75 | 35.10 1.12 -1.20 | 37.57 0.90 -2.96 | 39.83 0.78 0.00 | 45.20 1.71 -0.09 | 57.99 2.33 -6.34 | 65.22 2.30 -10.85 | 63.98 2.42 -14.53 | 54.64 1.24 -10.26 | 51.64 1.33 -11.69 | 68.50 1.89 -27.21 | 101.01 2.60 -40.56 | 58.71 1.14 -13.62 | 51.59 1.20 -7.19 | 48.58 1.11 -3.85 | 36.53 0.92 -2.96 | 29.40 0.46 -7.00 | 27.70 -0.02 -5.00 | 35.11 -0.14 -0.70 | 29.44 -0.08 -2.23 |
| INDECK___OSWEGO 23783 | 29.98 -0.52 0.00 | 30.08 -0.55 0.00 | 30.83 -0.56 0.00 | 32.04 -0.62 0.00 | 31.71 -0.59 0.00 | 32.19 -0.58 0.00 | 33.13 -0.59 0.00 | 38.30 -0.75 0.00 | 42.64 -0.75 0.00 | 48.47 -0.85 0.00 | 51.21 -0.86 0.00 | 46.37 -0.64 0.00 | 42.18 -0.68 0.28 | 37.15 -0.65 0.82 | 38.71 -0.67 0.02 | 56.83 -1.02 0.00 | 43.59 -0.77 -0.40 | 42.51 -0.69 0.00 | 42.98 -0.65 0.00 | 32.15 -0.50 0.00 | 21.61 -0.33 0.00 | 23.41 -0.37 -1.07 | 34.11 -0.71 -0.26 | 27.91 -0.57 -1.19 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___YERKES 23781 | 31.31 -0.29 -1.11 | 30.97 -0.34 -0.69 | 31.43 -0.28 -0.31 | 32.26 -0.53 -0.12 | 32.31 -0.63 -0.65 | 33.11 -0.71 -1.04 | 35.11 -1.18 -2.57 | 37.20 -1.85 0.00 | 41.81 -1.62 -0.05 | 50.38 -1.51 -2.57 | 54.46 -1.50 -3.88 | 49.69 -1.02 -3.70 | 43.95 -1.83 -2.64 | 40.85 -1.47 -3.69 | 46.38 -1.12 -8.11 | 69.88 -1.51 -13.54 | 45.92 -1.80 -3.76 | 43.92 -1.51 -2.23 | 44.06 -1.65 -2.10 | 33.96 -1.26 -2.58 | 27.05 -0.99 -6.09 | 25.65 -1.47 -4.39 | 32.87 -2.26 -0.58 | 27.20 -1.97 -1.89 |
| INDIAN POINT_GT_1 24139 | 40.05 2.62 -6.93 | 37.41 2.46 -4.33 | 35.78 2.42 -1.97 | 35.85 2.41 -0.78 | 38.82 2.45 -4.07 | 41.96 2.65 -6.54 | 52.58 2.75 -16.11 | 42.37 3.32 0.00 | 47.11 3.72 0.00 | 53.45 4.13 0.00 | 56.50 4.42 0.00 | 51.31 4.30 0.00 | 48.45 3.93 -1.38 | 44.68 3.74 -2.31 | 52.86 3.96 -9.50 | 61.89 5.60 1.55 | 53.58 4.36 -5.27 | 56.11 4.25 -8.66 | 80.41 4.24 -32.55 | 58.57 3.23 -22.70 | 62.53 2.11 -38.47 | 48.85 2.14 -24.00 | 41.53 3.07 -3.91 | 41.53 2.36 -11.88 |
| INDIAN POINT_GT_2 23659 | 40.05 2.62 -6.93 | 37.41 2.46 -4.33 | 35.78 2.42 -1.97 | 35.85 2.41 -0.78 | 38.82 2.45 -4.07 | 41.96 2.65 -6.54 | 52.58 2.75 -16.11 | 42.37 3.32 0.00 | 47.11 3.72 0.00 | 53.45 4.13 0.00 | 56.50 4.42 0.00 | 51.31 4.30 0.00 | 48.45 3.93 -1.38 | 44.68 3.74 -2.31 | 52.86 3.96 -9.50 | 61.89 5.60 1.55 | 53.58 4.36 -5.27 | 56.11 4.25 -8.66 | 80.41 4.24 -32.55 | 58.57 3.23 -22.70 | 62.53 2.11 -38.47 | 48.85 2.14 -24.00 | 41.53 3.07 -3.91 | 41.53 2.36 -11.88 |
| INDIAN POINT_GT_3 24019 | 40.05 2.62 -6.93 | 37.41 2.46 -4.33 | 35.78 2.42 -1.97 | 35.85 2.41 -0.78 | 38.82 2.45 -4.07 | 41.96 2.65 -6.54 | 52.58 2.75 -16.11 | 42.37 3.32 0.00 | 47.11 3.72 0.00 | 53.45 4.13 0.00 | 56.50 4.42 0.00 | 51.31 4.30 0.00 | 48.45 3.93 -1.38 | 44.68 3.74 -2.31 | 52.86 3.96 -9.50 | 61.89 5.60 1.55 | 53.58 4.36 -5.27 | 56.11 4.25 -8.66 | 80.41 4.24 -32.55 | 58.57 3.23 -22.70 | 62.53 2.11 -38.47 | 48.85 2.14 -24.00 | 41.53 3.07 -3.91 | 41.53 2.36 -11.88 |
| INDIAN POINT___2 23530 | 39.89 2.56 -6.83 | 37.30 2.40 -4.27 | 35.70 2.36 -1.94 | 35.78 2.35 -0.77 | 38.70 2.39 -4.01 | 41.81 2.59 -6.45 | 52.28 2.69 -15.88 | 42.28 3.23 0.00 | 47.00 3.61 0.00 | 53.34 4.02 0.00 | 56.37 4.29 0.00 | 51.19 4.17 0.00 | 48.31 3.81 -1.36 | 44.54 3.63 -2.28 | 52.65 3.87 -9.39 | 61.76 5.44 1.52 | 53.38 4.25 -5.18 | 55.79 4.12 -8.47 | 79.57 4.13 -31.81 | 58.09 3.15 -22.30 | 61.91 2.06 -37.91 | 48.51 2.08 -23.71 | 41.39 2.99 -3.85 | 41.31 2.31 -11.71 |
| INDIAN POINT___3 23531 | 40.00 2.56 -6.94 | 37.36 2.40 -4.33 | 35.73 2.37 -1.97 | 35.80 2.35 -0.78 | 38.76 2.39 -4.07 | 41.91 2.59 -6.54 | 52.53 2.69 -16.12 | 42.28 3.23 0.00 | 47.00 3.61 0.00 | 53.33 4.01 0.00 | 56.35 4.28 0.00 | 51.18 4.16 0.00 | 48.33 3.81 -1.38 | 44.57 3.63 -2.32 | 52.84 3.85 -9.59 | 61.83 5.43 1.45 | 53.52 4.24 -5.33 | 55.99 4.12 -8.67 | 80.32 4.11 -32.58 | 58.50 3.13 -22.72 | 62.49 2.06 -38.50 | 48.81 2.08 -24.01 | 41.45 2.99 -3.91 | 41.49 2.31 -11.88 |
| IP CORINTH___1 23988 | 49.69 2.14 -17.05 | 43.32 2.05 -10.65 | 38.39 2.16 -4.83 | 36.81 2.23 -1.92 | 44.60 2.29 -10.01 | 51.17 2.31 -16.09 | 75.96 2.61 -39.63 | 42.23 3.18 0.00 | 47.03 3.64 0.00 | 53.31 3.99 0.00 | 55.91 3.83 0.00 | 50.56 3.54 0.00 | 50.30 3.56 -3.61 | 48.32 3.16 -6.54 | 66.49 3.15 -23.94 | 62.50 4.42 -0.22 | 50.16 3.34 -2.87 | 53.68 3.46 -7.03 | 70.09 3.57 -22.90 | 74.34 2.70 -38.99 | 117.10 1.78 -93.38 | 72.00 1.82 -47.45 | 44.36 2.73 -7.07 | 47.21 2.04 -17.88 |
| IP___TICONDEROGA 23804 | 50.68 3.18 -16.99 | 44.17 2.93 -10.61 | 39.36 3.15 -4.82 | 37.82 3.25 -1.92 | 45.70 3.42 -9.98 | 52.14 3.33 -16.03 | 77.27 4.05 -39.50 | 44.47 5.42 0.00 | 49.56 6.17 0.00 | 56.06 6.74 0.00 | 58.34 6.26 0.00 | 52.79 5.77 0.00 | 52.38 5.64 -3.60 | 50.15 5.01 -6.52 | 68.24 4.97 -23.88 | 65.01 6.94 -0.22 | 52.08 5.25 -2.87 | 55.77 5.57 -7.01 | 72.12 5.65 -22.84 | 75.88 4.37 -38.87 | 117.88 2.86 -93.08 | 72.82 2.77 -47.33 | 46.04 4.43 -7.06 | 48.57 3.43 -17.84 |
| ISLIP_RES_REC 323679 | 41.73 4.18 -7.05 | 39.04 4.01 -4.40 | 37.30 3.91 -2.00 | 37.34 3.88 -0.79 | 40.41 3.97 -4.14 | 43.64 4.22 -6.65 | 54.28 4.18 -16.38 | 44.57 5.53 0.00 | 49.25 5.86 0.00 | 55.50 6.18 0.00 | 58.84 6.77 0.00 | 53.73 6.71 0.00 | 50.72 6.18 -1.40 | 46.89 5.61 -2.65 | 59.79 5.51 -14.89 | 70.35 7.85 -4.66 | 58.97 6.30 -8.71 | 58.61 6.54 -8.87 | 136.67 6.65 -86.40 | 293.77 4.93 -256.19 | 156.77 3.11 -131.72 | 62.04 3.32 -36.00 | 43.56 5.04 -3.97 | 44.81 3.94 -13.58 |
| JARVIS____ 23743 | 28.78 0.09 1.81 | 29.56 0.07 1.14 | 30.96 0.08 0.51 | 32.53 0.07 0.20 | 31.33 0.10 1.06 | 31.16 0.10 1.71 | 29.61 0.11 4.22 | 39.17 0.12 0.00 | 43.57 0.18 0.00 | 49.49 0.18 0.00 | 52.24 0.17 0.00 | 47.25 0.22 0.00 | 43.30 0.21 0.05 | 39.10 0.19 -0.28 | 37.73 0.16 1.83 | 58.06 0.22 0.01 | 44.21 0.14 -0.12 | 42.56 0.17 0.81 | 41.13 0.19 2.68 | 28.53 0.13 4.25 | 11.99 0.08 10.04 | 18.96 0.07 3.83 | 34.19 0.04 0.40 | 27.04 0.05 0.30 |
| JENNISON___1 23625 | 35.21 1.57 -3.14 | 34.08 1.49 -1.96 | 33.82 1.53 -0.89 | 34.57 1.56 -0.35 | 35.77 1.63 -1.84 | 37.54 1.81 -2.96 | 43.10 2.10 -7.29 | 41.56 2.52 0.00 | 46.37 2.98 0.00 | 52.58 3.26 0.00 | 55.47 3.40 0.00 | 50.12 3.10 0.00 | 46.50 2.74 -0.62 | 42.40 2.52 -1.25 | 47.68 2.38 -5.90 | 62.27 3.46 -0.97 | 48.25 2.67 -1.63 | 47.39 2.80 -1.40 | 51.27 3.02 -4.63 | 42.21 2.24 -7.32 | 40.66 1.43 -17.28 | 35.20 1.23 -11.24 | 37.74 1.66 -1.52 | 32.79 1.22 -4.27 |
| JENNISON___2 23626 | 35.21 1.57 -3.14 | 34.08 1.49 -1.96 | 33.82 1.53 -0.89 | 34.57 1.56 -0.35 | 35.77 1.63 -1.84 | 37.54 1.81 -2.96 | 43.10 2.10 -7.29 | 41.56 2.52 0.00 | 46.37 2.98 0.00 | 52.58 3.26 0.00 | 55.47 3.40 0.00 | 50.12 3.10 0.00 | 46.50 2.74 -0.62 | 42.40 2.52 -1.25 | 47.68 2.38 -5.90 | 62.27 3.46 -0.97 | 48.25 2.67 -1.63 | 47.39 2.80 -1.40 | 51.27 3.02 -4.63 | 42.21 2.24 -7.32 | 40.66 1.43 -17.28 | 35.20 1.23 -11.24 | 37.74 1.66 -1.52 | 32.79 1.22 -4.27 |
| JERICHO_RISE_WT_PWR 323719 | 28.62 -1.30 0.58 | 28.97 -1.29 0.36 | 29.95 -1.28 0.16 | 31.35 -1.25 0.06 | 30.78 -1.18 0.34 | 31.29 -0.93 0.55 | 31.65 -0.71 1.35 | 38.44 -0.61 0.00 | 42.45 -0.94 0.00 | 48.46 -0.86 0.00 | 51.12 -0.95 0.00 | 45.53 -1.42 0.07 | 33.56 -1.47 8.11 | 13.22 -1.71 23.70 | 27.83 -1.84 9.72 | 55.54 -2.31 0.00 | 42.24 -1.77 -0.06 | 41.37 -1.57 0.26 | 41.12 -1.64 0.86 | 29.98 -1.31 1.36 | 17.76 -0.96 3.22 | 20.59 -0.95 1.18 | 33.40 -1.04 0.11 | 26.27 -1.02 0.00 |
| KCE_NY_1 323755 | 49.70 2.29 -16.91 | 43.46 2.27 -10.56 | 38.54 2.35 -4.79 | 37.01 2.45 -1.91 | 44.67 2.45 -9.93 | 51.23 2.50 -15.96 | 75.66 2.64 -39.31 | 42.09 3.04 0.00 | 46.90 3.51 0.00 | 53.13 3.81 0.00 | 55.85 3.78 0.00 | 50.52 3.50 0.00 | 50.17 3.45 -3.58 | 48.18 3.08 -6.48 | 66.32 3.15 -23.77 | 62.55 4.47 -0.22 | 50.24 3.41 -2.88 | 53.68 3.50 -6.98 | 70.00 3.62 -22.76 | 74.06 2.73 -38.68 | 116.35 1.79 -92.62 | 71.65 1.78 -47.14 | 44.27 2.69 -7.03 | 47.06 1.97 -17.79 |
| KEDC PORT_JEFF_GT2 24210 | 41.46 3.91 -7.05 | 38.80 3.77 -4.40 | 37.06 3.66 -2.00 | 37.09 3.64 -0.79 | 40.15 3.72 -4.14 | 43.34 3.91 -6.65 | 53.92 3.83 -16.38 | 44.11 5.07 0.00 | 48.72 5.33 0.00 | 54.91 5.59 0.00 | 58.27 6.20 0.00 | 53.26 6.24 0.00 | 50.31 5.77 -1.40 | 46.50 5.23 -2.65 | 59.33 5.05 -14.89 | 69.61 7.11 -4.66 | 58.37 5.70 -8.71 | 58.02 5.95 -8.87 | 149.66 6.05 -99.99 | 352.77 4.50 -315.62 | 180.23 2.82 -155.46 | 64.47 3.03 -38.72 | 43.17 4.65 -3.97 | 44.56 3.67 -13.59 |

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| KEDC PORT_JEFF_GT3 24211 | 41.46 3.91 -7.05 | 38.80 3.77 -4.40 | 37.06 3.66 -2.00 | 37.09 3.64 -0.79 | 40.15 3.72 -4.14 | 43.34 3.91 -6.65 | 53.92 3.83 -16.38 | 44.11 5.07 0.00 | 48.72 5.33 0.00 | 54.91 5.59 0.00 | 58.27 6.20 0.00 | 53.26 6.24 0.00 | 50.31 5.77 -1.40 | 46.50 5.23 -2.65 | 59.33 5.05 -14.89 | 69.61 7.11 -4.66 | 58.37 5.70 -8.71 | 58.02 5.95 -8.87 | 149.66 6.05 -99.99 | 352.77 4.50 -315.62 | 180.23 2.82 -155.46 | 64.47 3.03 -38.72 | 43.17 4.65 -3.97 | 44.56 3.67 -13.59 |
| KEDC_GLWD_GT4 24219 | 40.84 3.29 -7.05 | 38.15 3.12 -4.40 | 36.45 3.06 -2.00 | 36.52 3.06 -0.79 | 39.55 3.11 -4.14 | 42.77 3.35 -6.65 | 53.51 3.42 -16.38 | 43.38 4.33 0.00 | 48.15 4.76 0.00 | 54.53 5.21 0.00 | 57.76 5.69 0.00 | 52.53 5.51 0.00 | 49.63 5.09 -1.40 | 46.00 4.73 -2.65 | 59.14 4.85 -14.89 | 69.40 6.89 -4.66 | 58.08 5.41 -8.71 | 57.41 5.34 -8.87 | 82.38 5.40 -33.37 | 61.09 4.04 -24.41 | 63.67 2.62 -39.11 | 50.83 2.71 -25.40 | 42.47 3.94 -3.97 | 43.48 3.04 -13.15 |
| KEDC_GLWD_GT5 24220 | 40.84 3.29 -7.05 | 38.15 3.12 -4.40 | 36.45 3.06 -2.00 | 36.52 3.06 -0.79 | 39.55 3.11 -4.14 | 42.77 3.35 -6.65 | 53.51 3.42 -16.38 | 43.38 4.33 0.00 | 48.15 4.76 0.00 | 54.53 5.21 0.00 | 57.76 5.69 0.00 | 52.53 5.51 0.00 | 49.63 5.09 -1.40 | 46.00 4.73 -2.65 | 59.14 4.85 -14.89 | 69.40 6.89 -4.66 | 58.08 5.41 -8.71 | 57.41 5.34 -8.87 | 82.38 5.40 -33.37 | 61.09 4.04 -24.41 | 63.67 2.62 -39.11 | 50.83 2.71 -25.40 | 42.47 3.94 -3.97 | 43.48 3.04 -13.15 |
| KENSICO____ 23655 | 40.17 2.69 -6.99 | 37.52 2.53 -4.37 | 35.87 2.50 -1.98 | 35.92 2.47 -0.79 | 38.91 2.51 -4.10 | 42.08 2.71 -6.59 | 52.79 2.83 -16.24 | 42.48 3.44 0.00 | 47.25 3.86 0.00 | 53.59 4.28 0.00 | 56.66 4.58 0.00 | 51.46 4.45 0.00 | 48.61 4.08 -1.39 | 44.81 3.88 -2.31 | 52.72 4.11 -9.22 | 61.66 5.79 1.98 | 53.57 4.52 -5.09 | 56.35 4.39 -8.77 | 80.98 4.39 -32.96 | 58.89 3.32 -22.93 | 62.90 2.17 -38.79 | 49.07 2.19 -24.16 | 41.64 3.15 -3.94 | 41.69 2.43 -11.97 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 40.51 3.10 -6.91 | 37.87 2.92 -4.32 | 36.26 2.90 -1.96 | 36.40 2.96 -0.78 | 39.36 3.00 -4.06 | 42.53 3.24 -6.52 | 53.22 3.45 -16.06 | 43.19 4.14 0.00 | 47.99 4.60 0.00 | 54.40 5.08 0.00 | 57.27 5.20 0.00 | 51.89 4.87 0.00 | 48.92 4.41 -1.37 | 45.28 4.27 -2.38 | 54.73 4.57 -10.76 | 64.41 6.52 -0.04 | 54.34 5.11 -5.27 | 55.58 5.11 -7.27 | 75.89 5.26 -27.01 | 57.64 3.96 -21.03 | 62.76 2.58 -38.24 | 48.96 2.58 -23.66 | 42.02 3.70 -3.77 | 41.43 2.83 -11.30 |
| KIAC_JFK_GT1 23816 | 40.54 3.02 -7.02 | 37.82 2.81 -4.39 | 36.16 2.77 -1.99 | 36.27 2.82 -0.79 | 39.26 2.84 -4.12 | 42.51 3.11 -6.62 | 53.34 3.31 -16.32 | 42.94 3.90 0.00 | 47.77 4.38 0.00 | 54.26 4.94 0.00 | 57.21 5.15 0.01 | 52.02 5.01 0.01 | 49.11 4.58 -1.39 | 45.64 4.33 -2.70 | 59.86 4.54 -15.92 | 70.20 6.43 -5.92 | 58.33 5.01 -9.37 | 56.85 4.82 -8.83 | 81.58 4.77 -33.19 | 59.31 3.60 -23.06 | 63.27 2.36 -38.97 | 49.38 2.41 -24.25 | 42.02 3.51 -3.95 | 41.98 2.66 -12.02 |
| KIAC_JFK_GT2 23817 | 40.54 3.02 -7.02 | 37.82 2.81 -4.39 | 36.16 2.77 -1.99 | 36.27 2.82 -0.79 | 39.26 2.84 -4.12 | 42.51 3.11 -6.62 | 53.34 3.31 -16.32 | 42.94 3.90 0.00 | 47.77 4.38 0.00 | 54.26 4.94 0.00 | 57.21 5.15 0.01 | 52.02 5.01 0.01 | 49.11 4.58 -1.39 | 45.64 4.33 -2.70 | 59.86 4.54 -15.92 | 70.20 6.43 -5.92 | 58.33 5.01 -9.37 | 56.85 4.82 -8.83 | 81.58 4.77 -33.19 | 59.31 3.60 -23.06 | 63.27 2.36 -38.97 | 49.38 2.41 -24.25 | 42.02 3.51 -3.95 | 41.98 2.66 -12.02 |
| KINTIGH____ 23543 | 31.36 0.07 -0.79 | 31.15 0.03 -0.49 | 31.65 0.03 -0.22 | 32.67 -0.09 -0.09 | 32.64 -0.12 -0.47 | 33.41 -0.11 -0.75 | 35.30 -0.26 -1.84 | 38.59 -0.46 0.00 | 43.09 -0.30 0.00 | 49.15 -0.16 0.00 | 51.97 -0.10 0.00 | 47.10 0.08 0.00 | 42.94 -0.36 -0.16 | 38.32 -0.27 0.03 | 39.29 -0.11 0.00 | 56.06 -0.06 1.72 | 44.22 -0.28 -0.55 | 43.45 -0.10 -0.35 | 44.69 -0.11 -1.17 | 34.37 -0.13 -1.85 | 26.15 -0.15 -4.37 | 25.57 -0.39 -3.24 | 34.32 -0.75 -0.52 | 28.27 -0.68 -1.66 |
| LACHUTE____HYDRO 323717 | 50.68 3.18 -16.99 | 44.17 2.93 -10.61 | 39.36 3.15 -4.82 | 37.82 3.25 -1.92 | 45.70 3.42 -9.98 | 52.14 3.33 -16.03 | 77.27 4.05 -39.50 | 44.47 5.42 0.00 | 49.56 6.17 0.00 | 56.06 6.74 0.00 | 58.34 6.26 0.00 | 52.79 5.77 0.00 | 52.38 5.64 -3.60 | 50.15 5.01 -6.52 | 68.24 4.97 -23.88 | 65.01 6.94 -0.22 | 52.08 5.25 -2.87 | 55.77 5.57 -7.01 | 72.12 5.65 -22.84 | 75.88 4.37 -38.87 | 117.88 2.86 -93.08 | 72.82 2.77 -47.33 | 46.04 4.43 -7.06 | 48.57 3.43 -17.84 |
| LEDERLE____ 23769 | 39.89 2.66 -6.73 | 37.34 2.51 -4.20 | 35.76 2.46 -1.91 | 35.87 2.45 -0.76 | 38.75 2.50 -3.95 | 41.83 2.71 -6.35 | 52.17 2.81 -15.64 | 42.41 3.36 0.00 | 47.13 3.74 0.00 | 53.45 4.14 0.00 | 56.52 4.45 0.00 | 51.32 4.30 0.00 | 48.38 3.91 -1.34 | 44.63 3.74 -2.27 | 52.99 3.98 -9.62 | 62.38 5.61 1.08 | 53.65 4.39 -5.32 | 55.75 4.28 -8.27 | 78.97 4.28 -31.07 | 57.80 3.27 -21.88 | 61.43 2.15 -37.34 | 48.30 2.17 -23.41 | 41.45 3.09 -3.80 | 41.25 2.38 -11.58 |
| LINDEN COGEN____ 23786 | 40.34 2.81 -7.02 | 37.66 2.64 -4.39 | 35.97 2.58 -1.99 | 36.09 2.64 -0.79 | 39.10 2.68 -4.12 | 42.34 2.94 -6.62 | 53.08 3.04 -16.32 | 42.76 3.72 0.00 | 47.56 4.17 0.00 | 53.97 4.66 0.00 | 57.06 4.98 0.00 | 51.88 4.86 0.00 | 48.98 4.44 -1.40 | 45.53 4.20 -2.71 | 59.74 4.41 -15.93 | 70.01 6.23 -5.93 | 58.21 4.88 -9.38 | 56.71 4.69 -8.83 | 81.45 4.64 -33.19 | 59.23 3.53 -23.06 | 63.24 2.32 -38.97 | 49.34 2.36 -24.26 | 41.90 3.40 -3.95 | 41.93 2.61 -12.02 |
| LIPA_MISC_IPP 23656 | 41.46 3.91 -7.05 | 38.78 3.75 -4.40 | 37.03 3.64 -2.00 | 37.07 3.61 -0.79 | 40.14 3.70 -4.14 | 43.36 3.94 -6.65 | 53.99 3.89 -16.38 | 44.22 5.18 0.00 | 48.85 5.46 0.00 | 54.93 5.61 0.00 | 58.26 6.19 0.00 | 53.16 6.14 0.00 | 50.20 5.66 -1.40 | 46.40 5.13 -2.65 | 59.32 5.03 -14.89 | 69.66 7.16 -4.66 | 58.38 5.72 -8.71 | 58.08 6.01 -8.87 | 144.75 6.12 -95.01 | 331.02 4.52 -293.86 | 171.54 2.84 -146.76 | 63.51 3.06 -37.73 | 43.20 4.68 -3.97 | 44.55 3.66 -13.59 |
| LISF__SOLAR 323691 | 41.53 3.98 -7.05 | 38.85 3.82 -4.40 | 37.10 3.71 -2.00 | 37.14 3.68 -0.79 | 40.21 3.78 -4.14 | 43.45 4.03 -6.65 | 54.08 3.99 -16.38 | 44.34 5.29 0.00 | 48.97 5.58 0.00 | 55.03 5.71 0.00 | 58.35 6.28 0.00 | 53.23 6.21 0.00 | 50.26 5.72 -1.40 | 46.46 5.18 -2.65 | 59.38 5.09 -14.89 | 69.78 7.27 -4.66 | 58.49 5.82 -8.71 | 58.21 6.15 -8.87 | 144.51 6.26 -94.63 | 329.46 4.64 -292.18 | 170.94 2.91 -146.09 | 63.49 3.11 -37.65 | 43.28 4.76 -3.97 | 44.61 3.73 -13.59 |
| LITTLE FALLS____HYD 24013 | 29.37 0.68 1.81 | 30.08 0.58 1.14 | 31.52 0.64 0.51 | 33.17 0.72 0.20 | 32.14 0.90 1.06 | 32.03 0.97 1.71 | 30.51 1.01 4.22 | 40.17 1.12 0.00 | 44.79 1.40 0.00 | 50.75 1.43 0.00 | 53.19 1.12 0.00 | 48.13 1.11 0.00 | 44.59 1.50 0.05 | 40.33 1.43 -0.28 | 38.91 1.34 1.83 | 59.58 1.74 0.01 | 45.27 1.19 -0.12 | 43.69 1.31 0.81 | 42.41 1.47 2.68 | 29.54 1.14 4.25 | 12.64 0.73 10.04 | 19.64 0.74 3.83 | 35.04 0.89 0.40 | 27.55 0.56 0.30 |
| LI_NEWBRDGE____DRP 323616 | 40.91 3.36 -7.05 | 38.22 3.19 -4.40 | 36.50 3.11 -2.00 | 36.54 3.09 -0.79 | 39.59 3.15 -4.14 | 42.80 3.38 -6.65 | 53.47 3.37 -16.38 | 43.47 4.43 0.00 | 48.12 4.73 0.00 | 54.42 5.10 0.00 | 57.61 5.53 0.00 | 52.45 5.44 0.00 | 49.57 5.03 -1.40 | 45.89 4.61 -2.65 | 58.87 4.59 -14.89 | 69.03 6.53 -4.66 | 57.89 5.22 -8.71 | 57.32 5.26 -8.87 | 82.31 5.32 -33.37 | 61.04 3.99 -24.41 | 63.60 2.55 -39.11 | 50.82 2.70 -25.40 | 42.55 4.03 -3.97 | 44.01 3.13 -13.58 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| LOCKPORT___CC1 323769 | 30.88 -0.69 -1.07 | 30.58 -0.72 -0.67 | 31.03 -0.67 -0.30 | 31.86 -0.93 -0.12 | 31.89 -1.03 -0.63 | 32.66 -1.13 -1.01 | 34.55 -1.65 -2.49 | 36.66 -2.39 0.00 | 41.03 -2.29 0.07 | 43.59 -2.26 3.46 | 44.51 -2.31 5.25 | 40.26 -1.75 5.01 | 37.57 -2.50 3.07 | 34.36 -2.07 2.19 | 35.41 -1.73 2.26 | 48.57 -2.35 6.92 | 38.13 -2.41 3.41 | 39.15 -2.17 1.88 | 42.23 -2.34 -0.94 | 33.37 -1.77 -2.49 | 26.54 -1.30 -5.89 | 25.20 -1.78 -4.27 | 32.37 -2.74 -0.56 | 26.77 -2.34 -1.81 |
| LOCKPORT___CC2 323770 | 30.88 -0.69 -1.07 | 30.58 -0.72 -0.67 | 31.03 -0.67 -0.30 | 31.86 -0.93 -0.12 | 31.89 -1.03 -0.63 | 32.66 -1.13 -1.01 | 34.55 -1.65 -2.49 | 36.66 -2.39 0.00 | 41.03 -2.29 0.07 | 43.59 -2.26 3.46 | 44.51 -2.31 5.25 | 40.26 -1.75 5.01 | 37.57 -2.50 3.07 | 34.36 -2.07 2.19 | 35.41 -1.73 2.26 | 48.57 -2.35 6.92 | 38.13 -2.41 3.41 | 39.15 -2.17 1.88 | 42.23 -2.34 -0.94 | 33.37 -1.77 -2.49 | 26.54 -1.30 -5.89 | 25.20 -1.78 -4.27 | 32.37 -2.74 -0.56 | 26.77 -2.34 -1.81 |
| LOCKPORT___CC3 323771 | 30.88 -0.69 -1.07 | 30.58 -0.72 -0.67 | 31.03 -0.67 -0.30 | 31.86 -0.93 -0.12 | 31.89 -1.03 -0.63 | 32.66 -1.13 -1.01 | 34.55 -1.65 -2.49 | 36.66 -2.39 0.00 | 41.03 -2.29 0.07 | 43.59 -2.26 3.46 | 44.51 -2.31 5.25 | 40.26 -1.75 5.01 | 37.57 -2.50 3.07 | 34.36 -2.07 2.19 | 35.41 -1.73 2.26 | 48.57 -2.35 6.92 | 38.13 -2.41 3.41 | 39.15 -2.17 1.88 | 42.23 -2.34 -0.94 | 33.37 -1.77 -2.49 | 26.54 -1.30 -5.89 | 25.20 -1.78 -4.27 | 32.37 -2.74 -0.56 | 26.77 -2.34 -1.81 |
| LONG_LAKE_PHOENIX 24014 | 30.17 -0.33 0.00 | 30.25 -0.38 0.00 | 30.99 -0.40 0.00 | 32.21 -0.45 0.00 | 31.87 -0.43 0.00 | 32.36 -0.42 0.00 | 33.35 -0.37 0.00 | 38.61 -0.45 0.00 | 42.99 -0.40 0.00 | 48.90 -0.42 0.00 | 51.66 -0.42 0.00 | 46.80 -0.22 0.00 | 42.58 -0.35 0.21 | 37.68 -0.32 0.62 | 39.17 -0.29 -0.07 | 57.41 -0.44 0.00 | 44.02 -0.35 -0.42 | 42.85 -0.35 0.00 | 43.32 -0.30 0.00 | 32.40 -0.25 0.00 | 21.75 -0.19 0.00 | 23.58 -0.24 -1.10 | 34.32 -0.51 -0.27 | 28.12 -0.41 -1.24 |
| LOVETT___3 23632 | 39.79 2.53 -6.76 | 37.23 2.38 -4.22 | 35.65 2.34 -1.92 | 35.74 2.32 -0.76 | 38.63 2.36 -3.97 | 41.71 2.56 -6.38 | 52.08 2.65 -15.71 | 42.21 3.16 0.00 | 46.88 3.49 0.00 | 53.17 3.85 0.00 | 56.21 4.14 0.00 | 51.04 4.02 0.00 | 48.15 3.67 -1.34 | 44.41 3.51 -2.28 | 52.74 3.73 -9.62 | 61.96 5.25 1.14 | 53.37 4.10 -5.32 | 55.52 3.99 -8.33 | 78.91 4.00 -31.29 | 57.70 3.05 -22.01 | 61.45 2.00 -37.51 | 48.26 2.04 -23.50 | 41.28 2.91 -3.82 | 41.17 2.25 -11.63 |
| LOVETT___4 23642 | 39.79 2.53 -6.76 | 37.23 2.38 -4.22 | 35.65 2.34 -1.92 | 35.74 2.32 -0.76 | 38.63 2.36 -3.97 | 41.71 2.56 -6.38 | 52.08 2.65 -15.71 | 42.21 3.16 0.00 | 46.88 3.49 0.00 | 53.17 3.85 0.00 | 56.21 4.14 0.00 | 51.04 4.02 0.00 | 48.15 3.67 -1.34 | 44.41 3.51 -2.28 | 52.74 3.73 -9.62 | 61.96 5.25 1.14 | 53.37 4.10 -5.32 | 55.52 3.99 -8.33 | 78.91 4.00 -31.29 | 57.70 3.05 -22.01 | 61.45 2.00 -37.51 | 48.26 2.04 -23.50 | 41.28 2.91 -3.82 | 41.17 2.25 -11.63 |
| LOVETT___5 23593 | 39.79 2.53 -6.76 | 37.23 2.38 -4.22 | 35.65 2.34 -1.92 | 35.74 2.32 -0.76 | 38.63 2.36 -3.97 | 41.71 2.56 -6.38 | 52.08 2.65 -15.71 | 42.21 3.16 0.00 | 46.88 3.49 0.00 | 53.17 3.85 0.00 | 56.21 4.14 0.00 | 51.04 4.02 0.00 | 48.15 3.67 -1.34 | 44.41 3.51 -2.28 | 52.74 3.73 -9.62 | 61.96 5.25 1.14 | 53.37 4.10 -5.32 | 55.52 3.99 -8.33 | 78.91 4.00 -31.29 | 57.70 3.05 -22.01 | 61.45 2.00 -37.51 | 48.26 2.04 -23.50 | 41.28 2.91 -3.82 | 41.17 2.25 -11.63 |
| LOWER RAQUET___HYD 24057 | 29.05 -0.90 0.54 | 29.65 -0.64 0.34 | 30.59 -0.65 0.15 | 31.97 -0.63 0.06 | 31.37 -0.61 0.32 | 31.65 -0.61 0.52 | 31.87 -0.58 1.27 | 38.52 -0.53 0.00 | 42.63 -0.75 0.00 | 48.68 -0.63 0.00 | 51.44 -0.63 0.00 | 45.96 -1.00 0.06 | 35.41 -1.09 6.63 | 18.01 -1.23 19.38 | 30.03 -1.39 7.98 | 56.05 -1.79 0.00 | 42.72 -1.34 -0.11 | 41.63 -1.32 0.24 | 41.49 -1.32 0.81 | 30.34 -1.02 1.28 | 18.29 -0.63 3.02 | 21.30 -0.43 0.99 | 34.03 -0.42 0.10 | 26.86 -0.43 0.00 |
| LOWER___HUDSON 24059 | 48.33 1.93 -15.90 | 42.50 1.94 -9.93 | 37.91 2.01 -4.51 | 36.54 2.09 -1.79 | 43.71 2.08 -9.33 | 49.86 2.09 -15.00 | 72.76 2.08 -36.96 | 41.37 2.32 0.00 | 46.01 2.63 0.00 | 52.22 2.91 0.00 | 54.96 2.89 0.00 | 49.78 2.76 0.00 | 49.26 2.77 -3.36 | 47.13 2.43 -6.08 | 64.44 2.52 -22.52 | 61.63 3.56 -0.22 | 49.61 2.70 -2.95 | 52.52 2.74 -6.59 | 67.89 2.78 -21.49 | 71.12 2.10 -36.37 | 110.35 1.40 -87.00 | 68.99 1.40 -44.86 | 43.40 2.12 -6.73 | 46.10 1.54 -17.27 |
| LWR___OSWEGATCHIE_HYD 23850 | 29.92 -0.58 0.00 | 30.18 -0.44 0.00 | 31.00 -0.40 0.00 | 32.27 -0.39 0.00 | 31.98 -0.32 0.00 | 32.55 -0.23 0.00 | 33.69 -0.03 0.00 | 39.08 0.03 0.00 | 43.43 0.04 0.00 | 49.48 0.16 0.00 | 52.33 0.26 0.00 | 47.08 0.10 0.04 | 38.71 0.01 4.44 | 25.15 -0.43 13.04 | 33.78 -0.75 4.87 | 56.98 -0.87 0.00 | 43.53 -0.62 -0.20 | 42.56 -0.63 0.00 | 43.08 -0.54 0.00 | 32.21 -0.43 0.00 | 21.69 -0.26 0.00 | 23.02 -0.13 0.00 | 34.37 -0.18 0.00 | 26.95 -0.35 0.00 |
| LYONS_FALL_HYD 23570 | 30.14 0.36 0.73 | 30.54 0.37 0.45 | 31.61 0.42 0.21 | 33.02 0.44 0.08 | 32.41 0.53 0.43 | 32.77 0.68 0.68 | 33.01 0.98 1.69 | 40.23 1.18 0.00 | 44.84 1.46 0.00 | 50.99 1.67 0.00 | 53.84 1.77 0.00 | 48.77 1.76 0.01 | 43.25 1.54 1.43 | 35.63 1.03 4.02 | 37.96 0.73 2.17 | 59.03 1.18 0.00 | 45.16 0.96 -0.25 | 43.87 1.00 0.32 | 43.67 1.12 1.07 | 31.76 0.82 1.70 | 18.46 0.53 4.02 | 22.24 0.53 1.02 | 35.12 0.62 0.05 | 27.98 0.32 -0.37 |
| MADISON___COUNTY_LFGE 323628 | 31.17 0.67 0.00 | 31.25 0.62 0.00 | 32.06 0.66 0.00 | 33.35 0.69 0.00 | 33.11 0.81 0.00 | 33.68 0.91 0.00 | 34.87 1.15 0.00 | 40.42 1.37 0.00 | 45.06 1.67 0.00 | 51.18 1.87 0.00 | 54.03 1.95 0.00 | 49.00 1.99 0.00 | 44.59 1.70 0.25 | 39.28 1.39 0.73 | 40.57 1.18 0.02 | 59.58 1.73 0.00 | 45.74 1.43 -0.36 | 44.73 1.54 0.00 | 45.16 1.54 0.00 | 33.76 1.11 0.00 | 22.65 0.71 0.00 | 24.22 0.61 -0.89 | 35.44 0.74 -0.15 | 28.50 0.53 -0.67 |
| MAPLE RIDGE_WT_1 323574 | 26.65 -0.52 3.34 | 28.11 -0.43 2.08 | 30.04 -0.41 0.95 | 31.88 -0.41 0.38 | 29.91 -0.43 1.96 | 29.26 -0.37 3.15 | 25.58 -0.38 7.75 | 38.58 -0.47 0.00 | 42.97 -0.42 0.00 | 48.74 -0.58 0.00 | 51.49 -0.58 0.00 | 46.59 -0.45 -0.03 | 45.14 -0.36 -2.36 | 45.87 -0.50 -7.75 | 37.96 -0.80 0.64 | 56.70 -1.13 0.02 | 43.06 -1.03 -0.14 | 40.56 -1.15 1.49 | 37.46 -1.23 4.93 | 24.00 -0.84 7.81 | 2.91 -0.59 18.45 | 14.73 -0.72 7.27 | 32.62 -1.13 0.81 | 25.72 -0.74 0.84 |
| MAPLE RIDGE_WT_2 323611 | 26.65 -0.52 3.34 | 28.11 -0.43 2.08 | 30.04 -0.41 0.95 | 31.88 -0.41 0.38 | 29.91 -0.43 1.96 | 29.26 -0.37 3.15 | 25.58 -0.38 7.75 | 38.58 -0.47 0.00 | 42.97 -0.42 0.00 | 48.74 -0.58 0.00 | 51.49 -0.58 0.00 | 46.59 -0.45 -0.03 | 45.14 -0.36 -2.36 | 45.87 -0.50 -7.75 | 37.96 -0.80 0.64 | 56.70 -1.13 0.02 | 43.06 -1.03 -0.14 | 40.56 -1.15 1.49 | 37.46 -1.23 4.93 | 24.00 -0.84 7.81 | 2.91 -0.59 18.45 | 14.73 -0.72 7.27 | 32.62 -1.13 0.81 | 25.72 -0.74 0.84 |
| MARBLE_RIVER_WT_PWR 323696 | 28.63 -1.28 0.59 | 28.98 -1.28 0.37 | 29.97 -1.26 0.17 | 31.36 -1.23 0.07 | 30.79 -1.16 0.35 | 31.35 -0.87 0.55 | 31.73 -0.63 1.36 | 38.54 -0.51 0.00 | 42.58 -0.81 0.00 | 48.61 -0.71 0.00 | 51.27 -0.80 0.00 | 45.68 -1.27 0.07 | 33.54 -1.33 8.27 | 12.88 -1.58 24.16 | 27.74 -1.75 9.91 | 55.66 -2.19 0.00 | 42.33 -1.68 -0.05 | 41.48 -1.45 0.26 | 41.22 -1.54 0.87 | 30.05 -1.22 1.37 | 17.78 -0.92 3.24 | 20.59 -0.93 1.20 | 33.43 -1.01 0.11 | 26.29 -1.01 0.00 |

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| MARSH_HILL_WT_PWR 323713 | 32.06 0.08 -1.48 | 31.58 0.02 -0.93 | 32.02 0.20 -0.42 | 33.02 0.19 -0.17 | 33.47 0.30 -0.87 | 34.67 0.50 -1.40 | 37.87 0.71 -3.45 | 39.61 0.56 0.00 | 44.47 1.04 -0.03 | 53.05 1.39 -2.34 | 57.74 1.65 -4.02 | 54.35 1.85 -5.48 | 48.00 0.78 -4.08 | 44.21 0.56 -5.03 | 53.22 0.55 -13.28 | 76.01 1.35 -16.81 | 50.41 0.67 -5.78 | 47.44 1.09 -3.15 | 47.60 1.04 -2.94 | 36.92 0.81 -3.46 | 30.49 0.37 -8.18 | 28.47 -0.04 -5.79 | 34.87 -0.53 -0.85 | 29.43 -0.54 -2.68 |
| MG INDUSTRY___DRP 24185 | 43.11 1.37 -11.24 | 39.05 1.41 -7.02 | 36.03 1.44 -3.19 | 35.47 1.54 -1.27 | 40.41 1.52 -6.60 | 44.91 1.53 -10.60 | 61.25 1.41 -26.12 | 40.50 1.45 0.00 | 45.04 1.64 0.00 | 51.16 1.84 0.00 | 53.89 1.81 0.00 | 48.68 1.66 0.00 | 47.07 1.70 -2.23 | 44.04 1.53 -3.89 | 57.57 1.62 -16.55 | 60.42 2.32 -0.25 | 49.68 1.78 -3.95 | 51.03 1.69 -6.14 | 66.43 1.66 -21.14 | 61.36 1.25 -27.46 | 84.41 0.85 -61.61 | 57.94 0.89 -34.33 | 41.30 1.41 -5.34 | 43.17 1.05 -14.83 |
| MID___OSWEGATCHIE_HYD 23849 | 29.92 -0.58 0.00 | 30.18 -0.44 0.00 | 31.00 -0.40 0.00 | 32.27 -0.39 0.00 | 31.98 -0.32 0.00 | 32.55 -0.23 0.00 | 33.69 -0.03 0.00 | 39.08 0.03 0.00 | 43.43 0.04 0.00 | 49.48 0.16 0.00 | 52.33 0.26 0.00 | 47.08 0.10 0.04 | 38.71 0.01 4.44 | 25.15 -0.43 13.04 | 33.78 -0.75 4.87 | 56.98 -0.87 0.00 | 43.53 -0.62 -0.20 | 42.56 -0.63 0.00 | 43.08 -0.54 0.00 | 32.21 -0.43 0.00 | 21.69 -0.26 0.00 | 23.02 -0.13 -0.42 | 34.37 -0.18 0.00 | 26.95 -0.35 0.00 |
| MID___RAQUETTE_HYD 23851 | 29.05 -0.90 0.54 | 29.65 -0.64 0.34 | 30.59 -0.65 0.15 | 31.97 -0.63 0.06 | 31.37 -0.61 0.32 | 31.65 -0.61 0.52 | 31.87 -0.58 1.27 | 38.52 -0.53 0.00 | 42.63 -0.75 0.00 | 48.68 -0.63 0.00 | 51.44 -0.63 0.00 | 45.96 -1.00 0.06 | 35.41 -1.09 6.63 | 18.01 -1.23 19.38 | 30.03 -1.39 7.98 | 56.05 -1.79 0.00 | 42.72 -1.34 -0.11 | 41.63 -1.32 0.24 | 41.49 -1.32 0.81 | 30.34 -1.02 1.28 | 18.29 -0.63 3.02 | 21.30 -0.43 0.99 | 34.03 -0.42 0.10 | 26.86 -0.43 0.00 |
| MILLIKEN___1 23584 | 32.69 0.74 -1.46 | 32.23 0.70 -0.91 | 32.51 0.70 -0.41 | 33.52 0.69 -0.16 | 33.89 0.73 -0.85 | 34.97 0.82 -1.37 | 38.09 0.99 -3.38 | 40.17 1.12 0.00 | 44.77 1.38 0.00 | 50.81 1.50 0.00 | 53.71 1.64 0.00 | 48.57 1.55 0.00 | 44.74 1.31 -0.29 | 40.45 1.20 -0.63 | 43.49 1.01 -3.08 | 60.14 1.57 -0.72 | 46.15 1.28 -0.93 | 45.29 1.45 -0.65 | 47.45 1.68 -2.15 | 37.22 1.17 -3.40 | 30.70 0.73 -8.02 | 29.02 0.59 -5.71 | 36.14 0.72 -0.87 | 30.51 0.52 -2.70 |
| MILLIKEN___2 23585 | 32.69 0.74 -1.46 | 32.23 0.70 -0.91 | 32.51 0.70 -0.41 | 33.52 0.69 -0.16 | 33.89 0.73 -0.85 | 34.97 0.82 -1.37 | 38.09 0.99 -3.38 | 40.17 1.12 0.00 | 44.77 1.38 0.00 | 50.81 1.50 0.00 | 53.71 1.64 0.00 | 48.57 1.55 0.00 | 44.74 1.31 -0.29 | 40.45 1.20 -0.63 | 43.49 1.01 -3.08 | 60.14 1.57 -0.72 | 46.15 1.28 -0.93 | 45.29 1.45 -0.65 | 47.45 1.68 -2.15 | 37.22 1.17 -3.40 | 30.70 0.73 -8.02 | 29.02 0.59 -5.71 | 36.14 0.72 -0.87 | 30.51 0.52 -2.70 |
| MILLIKEN___DIESEL 23629 | 32.69 0.74 -1.46 | 32.23 0.70 -0.91 | 32.51 0.70 -0.41 | 33.52 0.69 -0.16 | 33.89 0.73 -0.85 | 34.97 0.82 -1.37 | 38.09 0.99 -3.38 | 40.17 1.12 0.00 | 44.77 1.38 0.00 | 50.81 1.50 0.00 | 53.71 1.64 0.00 | 48.57 1.55 0.00 | 44.74 1.31 -0.29 | 40.45 1.20 -0.63 | 43.49 1.01 -3.08 | 60.14 1.57 -0.72 | 46.15 1.28 -0.93 | 45.29 1.45 -0.65 | 47.45 1.68 -2.15 | 37.22 1.17 -3.40 | 30.70 0.73 -8.02 | 29.02 0.59 -5.71 | 36.14 0.72 -0.87 | 30.51 0.52 -2.70 |
| MILLSEAT___LFGE 323607 | 31.45 -0.06 -1.01 | 31.17 -0.09 -0.63 | 31.64 -0.05 -0.29 | 32.51 -0.27 -0.11 | 32.54 -0.35 -0.59 | 33.35 -0.38 -0.96 | 35.33 -0.74 -2.35 | 37.84 -1.20 0.00 | 42.33 -0.99 0.07 | 45.13 -0.78 3.41 | 46.17 -0.73 5.17 | 41.63 -0.42 4.96 | 38.84 -1.25 3.06 | 35.45 -0.92 2.25 | 36.22 -0.59 2.59 | 50.01 -0.65 7.19 | 39.49 -1.06 3.41 | 40.48 -0.84 1.88 | 43.50 -0.99 -0.86 | 34.26 -0.75 -2.36 | 26.89 -0.62 -5.58 | 25.69 -1.09 -4.05 | 33.35 -1.74 -0.54 | 27.50 -1.55 -1.76 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 40.09 2.62 -6.97 | 37.44 2.46 -4.35 | 35.81 2.44 -1.98 | 35.87 2.42 -0.79 | 38.84 2.45 -4.09 | 42.00 2.65 -6.57 | 52.66 2.75 -16.19 | 42.39 3.34 0.00 | 47.13 3.74 0.00 | 53.48 4.16 0.00 | 56.51 4.44 0.00 | 51.32 4.30 0.00 | 48.48 3.96 -1.38 | 44.71 3.76 -2.32 | 52.92 3.99 -9.53 | 61.90 5.62 1.56 | 53.64 4.39 -5.29 | 56.18 4.27 -8.72 | 80.68 4.27 -32.78 | 58.71 3.23 -22.83 | 62.71 2.12 -38.65 | 48.95 2.14 -24.09 | 41.56 3.08 -3.92 | 41.59 2.37 -11.93 |
| MODEL_CITY_ENERGY 24167 | 30.53 -1.05 -1.08 | 30.25 -1.05 -0.67 | 30.68 -1.02 -0.31 | 31.48 -1.30 -0.12 | 31.52 -1.42 -0.63 | 32.26 -1.53 -1.02 | 34.10 -2.12 -2.50 | 36.07 -2.98 0.00 | 40.24 -3.00 0.15 | 38.39 -3.07 7.86 | 37.00 -3.18 11.89 | 33.20 -2.52 11.30 | 32.76 -3.20 7.19 | 30.16 -2.67 5.79 | 28.81 -2.35 8.24 | 36.85 -3.28 17.72 | 32.32 -3.08 8.55 | 35.48 -2.89 4.83 | 40.73 -3.05 -0.16 | 32.84 -2.31 -2.51 | 26.21 -1.68 -5.94 | 24.87 -2.15 -4.30 | 31.87 -3.24 -0.56 | 26.39 -2.72 -1.81 |
| MODERN_LFGE___ 323580 | 30.53 -1.05 -1.08 | 30.25 -1.05 -0.67 | 30.68 -1.02 -0.31 | 31.48 -1.30 -0.12 | 31.52 -1.42 -0.63 | 32.26 -1.53 -1.02 | 34.10 -2.12 -2.50 | 36.07 -2.98 0.00 | 40.24 -3.00 0.15 | 38.39 -3.07 7.86 | 37.00 -3.18 11.89 | 33.20 -2.52 11.30 | 32.76 -3.20 7.19 | 30.16 -2.67 5.79 | 28.81 -2.35 8.24 | 36.85 -3.28 17.72 | 32.32 -3.08 8.55 | 35.48 -2.89 4.83 | 40.73 -3.05 -0.16 | 32.84 -2.31 -2.51 | 26.21 -1.68 -5.94 | 24.87 -2.15 -4.30 | 31.87 -3.24 -0.56 | 26.39 -2.72 -1.81 |
| MOHAWK_PAPER___DRP 24187 | 47.05 1.79 -14.76 | 41.62 1.78 -9.22 | 37.40 1.82 -4.19 | 36.22 1.90 -1.66 | 42.85 1.89 -8.66 | 48.60 1.89 -13.93 | 69.88 1.85 -34.31 | 41.04 1.99 0.00 | 45.65 2.26 0.00 | 51.79 2.47 0.00 | 54.54 2.46 0.00 | 49.39 2.37 0.00 | 48.46 2.39 -2.93 | 45.90 2.18 -5.10 | 62.56 2.25 -20.92 | 61.26 3.19 -0.22 | 49.28 2.47 -2.86 | 51.49 2.47 -5.83 | 64.91 2.49 -18.80 | 67.94 1.88 -33.41 | 103.87 1.27 -80.66 | 66.35 1.27 -42.36 | 42.89 1.91 -6.43 | 45.55 1.37 -16.88 |
| MONGAUP___HYD 23641 | 39.18 2.31 -6.37 | 36.75 2.14 -3.98 | 35.31 2.11 -1.81 | 35.49 2.11 -0.72 | 38.18 2.14 -3.74 | 41.12 2.33 -6.01 | 50.99 2.46 -14.81 | 41.94 2.90 0.00 | 46.61 3.22 0.00 | 52.71 3.40 0.00 | 55.46 3.39 0.00 | 50.20 3.18 0.00 | 47.26 2.85 -1.27 | 43.50 2.71 -2.17 | 51.81 2.87 -9.54 | 61.16 3.91 0.60 | 52.49 3.30 -5.24 | 53.75 2.94 -7.61 | 75.29 3.14 -28.53 | 55.58 2.47 -20.46 | 59.09 1.79 -35.35 | 47.03 1.93 -22.38 | 40.88 2.73 -3.60 | 40.31 2.07 -10.95 |
| MONTAUK___DIESEL 23721 | 42.21 4.67 -7.05 | 39.54 4.51 -4.40 | 37.76 4.37 -2.00 | 37.84 4.38 -0.79 | 40.93 4.49 -4.14 | 44.20 4.78 -6.65 | 54.91 4.82 -16.38 | 45.34 6.29 0.00 | 50.13 6.74 0.00 | 56.31 6.99 0.00 | 59.74 7.67 0.00 | 54.50 7.47 0.00 | 51.35 6.82 -1.40 | 47.47 6.19 -2.65 | 60.49 6.20 -14.89 | 71.43 8.92 -4.66 | 59.73 7.06 -8.71 | 59.47 7.41 -8.87 | 146.20 7.60 -94.98 | 331.61 5.23 -293.73 | 172.03 3.37 -146.71 | 64.20 3.76 -37.72 | 44.20 5.68 -3.97 | 45.29 4.40 -13.59 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 40.48 2.94 -7.04 | 37.80 2.78 -4.40 | 36.14 2.75 -1.99 | 36.25 2.79 -0.79 | 39.25 2.82 -4.13 | 42.47 3.05 -6.64 | 53.26 3.19 -16.35 | 42.94 3.90 0.00 | 47.76 4.37 0.00 | 54.19 4.87 0.00 | 57.28 5.21 0.00 | 52.06 5.04 0.00 | 49.16 4.62 -1.40 | 45.66 4.36 -2.68 | 59.35 4.55 -15.40 | 69.60 6.47 -5.28 | 58.01 5.02 -9.04 | 56.90 4.86 -8.85 | 81.72 4.82 -33.28 | 59.39 3.64 -23.11 | 63.38 2.40 -39.04 | 49.46 2.44 -24.29 | 42.03 3.51 -3.96 | 42.03 2.70 -12.04 |

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| MUNSVILLE_WIND_PWR 323609 | 35.26 2.09 -2.67 | 34.29 1.99 -1.67 | 34.24 2.09 -0.76 | 35.08 2.12 -0.30 | 36.08 2.22 -1.57 | 37.73 2.43 -2.52 | 42.84 2.91 -6.20 | 42.58 3.53 0.00 | 47.52 4.13 0.00 | 53.75 4.44 0.00 | 56.81 4.74 0.00 | 51.19 4.17 0.00 | 47.46 3.79 -0.53 | 43.13 3.42 -1.09 | 47.55 2.98 -5.17 | 63.07 4.27 -0.96 | 48.85 3.46 -1.44 | 48.12 3.74 -1.19 | 51.67 4.11 -3.94 | 41.86 2.98 -6.23 | 38.59 1.94 -14.71 | 33.95 1.50 -9.72 | 37.98 2.08 -1.34 | 32.61 1.45 -3.87 |
| N SALMON___HYD 24042 | 29.05 -0.87 0.57 | 29.44 -0.83 0.36 | 30.41 -0.83 0.16 | 31.82 -0.78 0.06 | 31.24 -0.72 0.34 | 31.72 -0.51 0.54 | 32.10 -0.28 1.33 | 38.98 -0.08 0.00 | 43.07 -0.32 0.00 | 49.25 -0.07 0.00 | 51.96 -0.11 0.00 | 46.36 -0.60 0.06 | 34.67 -0.73 7.74 | 14.99 -1.02 22.61 | 28.96 -1.15 9.29 | 56.54 -1.31 0.00 | 43.00 -1.02 -0.07 | 42.05 -0.89 0.26 | 41.89 -0.88 0.85 | 30.58 -0.73 1.34 | 18.22 -0.55 3.17 | 21.06 -0.52 1.13 | 34.00 -0.44 0.11 | 26.72 -0.57 0.00 |
| N.E_GEN_SANDY PD 24062 | 42.34 2.04 -9.81 | 38.75 2.00 -6.12 | 38.15 2.04 -4.71 | 37.30 2.07 -2.57 | 41.05 2.06 -6.69 | 44.35 2.13 -9.44 | 59.38 2.15 -23.51 | 51.42 2.49 -9.88 | 56.74 2.80 -10.55 | 55.67 3.06 -3.29 | 55.22 3.15 0.00 | 50.08 3.07 0.00 | 48.55 2.97 -2.44 | 44.71 2.69 -3.39 | 56.99 2.85 -14.75 | 62.13 4.01 -0.27 | 51.84 3.12 -4.77 | 58.08 3.09 -11.79 | 84.89 3.08 -38.19 | 62.06 2.32 -27.10 | 77.84 1.51 -54.39 | 55.41 1.52 -31.17 | 41.80 2.25 -4.99 | 42.85 1.67 -13.89 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 39.82 2.57 -6.75 | 37.26 2.42 -4.21 | 35.68 2.37 -1.91 | 35.78 2.36 -0.76 | 38.67 2.41 -3.96 | 41.75 2.61 -6.36 | 52.09 2.69 -15.68 | 42.25 3.20 0.00 | 46.95 3.56 0.00 | 53.25 3.93 0.00 | 56.30 4.23 0.00 | 51.13 4.11 0.00 | 48.22 3.74 -1.34 | 44.48 3.59 -2.27 | 52.82 3.81 -9.62 | 62.11 5.37 1.11 | 53.47 4.20 -5.32 | 55.58 4.08 -8.31 | 78.91 4.09 -31.19 | 57.72 3.12 -21.95 | 61.43 2.05 -37.44 | 48.26 2.08 -23.46 | 41.35 2.98 -3.81 | 41.22 2.31 -11.62 |
| NARROWS_GT1_1 24228 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_2 24229 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_3 24230 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_4 24231 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_5 24232 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_6 24233 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_7 24234 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT1_8 24235 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_1 24236 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_2 24237 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_3 24238 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |

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|---|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|
| NARROWS_GT2_4 24239 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_5 24240 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_6 24241 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_7 24242 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NARROWS_GT2_8 24243 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 41.98 2.42 -9.06 | 38.63 2.34 -5.66 | 36.32 2.35 -2.57 | 36.09 2.41 -1.02 | 40.05 2.43 -5.32 | 43.87 2.55 -8.55 | 57.47 2.68 -21.06 | 42.19 3.14 0.00 | 46.91 3.52 0.00 | 53.17 3.86 0.00 | 55.87 3.79 0.00 | 50.62 3.60 0.00 | 48.31 3.37 -1.80 | 44.87 3.11 -3.13 | 56.44 3.33 -13.71 | 63.00 4.93 -0.22 | 52.87 3.89 -5.02 | 54.45 3.92 -7.34 | 74.28 4.06 -26.60 | 60.67 3.06 -24.97 | 73.86 2.00 -49.92 | 53.74 1.97 -29.05 | 41.96 2.81 -4.59 | 42.61 2.07 -13.25 |
| NEG CAPITAL___MECHNVIL 23645 | 49.43 2.28 -16.66 | 43.28 2.25 -10.40 | 38.45 2.34 -4.72 | 36.95 2.41 -1.88 | 44.50 2.42 -9.78 | 50.95 2.46 -15.72 | 75.03 2.59 -38.72 | 42.05 3.00 0.00 | 46.86 3.47 0.00 | 53.08 3.76 0.00 | 55.81 3.74 0.00 | 50.49 3.48 0.00 | 50.10 3.44 -3.52 | 48.07 3.06 -6.38 | 66.00 3.14 -23.46 | 62.59 4.52 -0.22 | 50.27 3.41 -2.91 | 53.62 3.52 -6.90 | 69.75 3.63 -22.50 | 73.50 2.72 -38.12 | 114.94 1.79 -91.21 | 71.07 1.78 -46.57 | 44.16 2.66 -6.95 | 46.90 1.96 -17.65 |
| NEG CENTRAL_HIGH_ACRES 23767 | 31.60 0.29 -0.81 | 31.36 0.23 -0.50 | 31.84 0.22 -0.23 | 32.87 0.12 -0.09 | 32.89 0.12 -0.47 | 33.70 0.16 -0.76 | 35.70 0.11 -1.87 | 39.04 -0.01 0.00 | 43.60 0.22 0.00 | 49.71 0.39 0.00 | 52.56 0.49 0.00 | 47.64 0.62 0.00 | 43.45 3.37 -0.16 | 38.93 3.11 -0.13 | 40.43 3.33 -0.71 | 57.59 4.93 0.78 | 44.76 3.92 -0.56 | 44.01 3.92 -0.36 | 45.31 4.06 -1.19 | 34.83 3.06 -1.88 | 26.51 2.00 -4.45 | 25.94 1.97 -3.30 | 34.75 2.81 -0.53 | 28.64 2.07 -1.70 |
| NEG CENTRAL___DRP 24199 | 31.78 0.38 -0.90 | 31.52 0.33 -0.56 | 31.99 0.33 -0.26 | 33.07 0.31 -0.10 | 33.17 0.34 -0.53 | 34.03 0.41 -0.85 | 36.32 0.52 -2.09 | 39.54 0.49 0.00 | 44.10 0.71 0.00 | 50.14 0.82 0.00 | 53.01 0.94 0.00 | 48.10 1.08 0.00 | 44.00 0.68 -0.18 | 39.48 0.55 -0.31 | 41.52 0.54 -1.59 | 58.71 0.86 0.00 | 45.27 0.68 -0.63 | 44.47 0.88 -0.40 | 45.97 1.02 -1.33 | 35.46 0.72 -2.10 | 27.28 0.39 -4.95 | 26.61 0.21 -3.68 | 35.23 0.10 -0.57 | 29.16 0.02 -1.84 |
| NEG CENTRAL___INDECK 23768 | 32.80 1.08 -1.23 | 32.37 0.97 -0.77 | 32.80 1.06 -0.35 | 33.82 1.02 -0.14 | 34.03 1.01 -0.72 | 35.09 1.16 -1.16 | 37.94 1.36 -2.86 | 40.52 1.47 0.00 | 45.37 1.98 0.00 | 51.78 2.46 0.00 | 54.84 2.77 0.00 | 49.55 2.53 0.00 | 44.96 1.58 -0.24 | 40.96 1.40 -0.95 | 45.63 1.64 -4.60 | 64.68 2.88 -3.95 | 46.76 2.02 -0.79 | 46.03 2.29 -0.55 | 47.66 2.22 -1.81 | 37.15 1.64 -2.87 | 29.64 0.92 -6.77 | 28.12 0.55 -4.85 | 35.75 0.46 -0.73 | 29.78 0.17 -2.32 |
| NEG CENTRAL___SENECA 23627 | 32.16 0.65 -1.01 | 31.83 0.57 -0.63 | 32.28 0.59 -0.29 | 33.34 0.57 -0.11 | 33.50 0.61 -0.60 | 34.45 0.72 -0.96 | 36.93 0.85 -2.36 | 39.90 0.85 0.00 | 44.54 1.15 0.00 | 50.69 1.37 0.00 | 53.60 1.53 0.00 | 48.71 1.69 0.00 | 44.47 1.13 -0.20 | 39.93 0.96 -0.35 | 42.12 0.95 -1.77 | 59.31 1.46 -0.01 | 45.76 1.12 -0.68 | 45.01 1.36 -0.45 | 46.62 1.49 -1.50 | 36.11 1.09 -2.37 | 28.15 0.61 -5.60 | 27.19 0.39 -4.08 | 35.49 0.31 -0.63 | 29.47 0.16 -2.02 |
| NEG CENTRAL___STATE_STREET 24147 | 31.75 0.38 -0.87 | 31.61 0.44 -0.54 | 32.09 0.45 -0.25 | 33.13 0.37 -0.10 | 33.27 0.46 -0.51 | 34.08 0.49 -0.82 | 36.21 0.47 -2.02 | 39.53 0.48 0.00 | 44.02 0.64 0.00 | 50.03 0.72 0.00 | 53.01 0.94 0.00 | 47.91 0.89 0.00 | 44.08 0.76 -0.17 | 39.52 0.60 -0.30 | 41.47 0.53 -1.54 | 58.83 0.97 0.00 | 45.38 0.81 -0.62 | 44.49 0.90 -0.39 | 45.99 1.08 -1.29 | 35.30 0.62 -2.03 | 27.11 0.36 -4.80 | 26.54 0.24 -3.58 | 35.38 0.26 -0.56 | 29.30 0.20 -1.80 |
| NEG MILLWOOD___DRP 24198 | 40.59 2.84 -7.26 | 37.83 2.67 -4.53 | 36.11 2.65 -2.06 | 36.13 2.65 -0.82 | 39.25 2.69 -4.26 | 42.52 2.90 -6.84 | 53.66 3.08 -16.86 | 42.79 3.74 0.00 | 47.59 4.20 0.00 | 53.97 4.66 0.00 | 56.99 4.92 0.00 | 51.74 4.72 0.00 | 48.91 4.33 -1.44 | 45.25 4.11 -2.52 | 55.39 4.36 -11.64 | 64.53 6.19 -0.48 | 55.17 4.85 -6.37 | 56.72 4.76 -8.77 | 81.30 4.80 -32.88 | 59.67 3.61 -23.41 | 64.54 2.36 -40.24 | 49.92 2.37 -24.83 | 41.98 3.39 -4.04 | 42.08 2.58 -12.21 |
| NEG NORTH_FLCN_SEA 23793 | 28.83 -1.09 0.58 | 29.16 -1.10 0.37 | 30.14 -1.09 0.17 | 31.53 -1.06 0.07 | 30.96 -0.99 0.34 | 31.56 -0.67 0.55 | 31.98 -0.38 1.36 | 38.85 -0.20 0.00 | 42.92 -0.47 0.00 | 49.02 -0.30 0.00 | 51.70 -0.37 0.00 | 46.06 -0.89 0.07 | 33.89 -1.01 8.25 | 13.20 -1.32 24.10 | 28.06 -1.45 9.89 | 56.09 -1.76 0.00 | 42.64 -1.36 -0.05 | 41.79 -1.15 0.26 | 41.55 -1.21 0.87 | 30.32 -0.96 1.37 | 17.95 -0.75 3.24 | 20.73 -0.79 1.20 | 33.65 -0.80 0.11 | 26.45 -0.85 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 28.68 -1.24 0.58 | 29.04 -1.23 0.36 | 30.02 -1.21 0.16 | 31.42 -1.18 0.06 | 30.85 -1.10 0.34 | 31.37 -0.85 0.55 | 31.73 -0.64 1.35 | 38.53 -0.51 0.00 | 42.56 -0.83 0.00 | 48.59 -0.73 0.00 | 51.27 -0.81 0.00 | 45.66 -1.29 0.07 | 33.68 -1.35 8.11 | 13.31 -1.61 23.71 | 27.94 -1.73 9.73 | 55.68 -2.17 0.00 | 42.37 -1.64 -0.05 | 41.50 -1.44 0.26 | 41.25 -1.51 0.86 | 30.08 -1.20 1.36 | 17.83 -0.89 3.22 | 20.65 -0.89 1.18 | 33.50 -0.94 0.11 | 26.34 -0.96 0.00 |

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| NEG NORTH___ALICE_FALLS 23915 | 28.89 -1.02 0.58 | 29.22 -1.04 0.37 | 30.20 -1.03 0.17 | 31.59 -1.00 0.07 | 31.03 -0.93 0.34 | 31.63 -0.60 0.55 | 32.07 -0.29 1.36 | 38.99 -0.06 0.00 | 43.06 -0.33 0.00 | 49.17 -0.15 0.00 | 51.87 -0.20 0.00 | 46.20 -0.75 0.07 | 34.04 -0.88 8.22 | 13.37 -1.21 24.04 | 28.20 -1.34 9.86 | 56.27 -1.58 0.00 | 42.78 -1.22 -0.05 | 41.94 -0.99 0.26 | 41.72 -1.03 0.87 | 30.45 -0.82 1.37 | 18.04 -0.67 3.24 | 20.81 -0.71 1.20 | 33.76 -0.68 0.11 | 26.52 -0.77 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 28.89 -1.02 0.58 | 29.22 -1.04 0.37 | 30.20 -1.03 0.17 | 31.59 -1.00 0.07 | 31.03 -0.93 0.34 | 31.63 -0.60 0.55 | 32.07 -0.29 1.36 | 38.99 -0.06 0.00 | 43.06 -0.33 0.00 | 49.17 -0.15 0.00 | 51.87 -0.20 0.00 | 46.20 -0.75 0.07 | 34.04 -0.88 8.22 | 13.37 -1.21 24.04 | 28.20 -1.34 9.86 | 56.27 -1.58 0.00 | 42.78 -1.22 -0.05 | 41.94 -0.99 0.26 | 41.72 -1.03 0.87 | 30.45 -0.82 1.37 | 18.04 -0.67 3.24 | 20.81 -0.71 1.20 | 33.76 -0.68 0.11 | 26.52 -0.77 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 28.89 -1.02 0.58 | 29.22 -1.04 0.37 | 30.20 -1.03 0.17 | 31.59 -1.00 0.07 | 31.03 -0.93 0.34 | 31.63 -0.60 0.55 | 32.07 -0.29 1.36 | 38.99 -0.06 0.00 | 43.06 -0.33 0.00 | 49.17 -0.15 0.00 | 51.87 -0.20 0.00 | 46.20 -0.75 0.07 | 34.04 -0.88 8.22 | 13.37 -1.21 24.04 | 28.20 -1.34 9.86 | 56.27 -1.58 0.00 | 42.78 -1.22 -0.05 | 41.94 -0.99 0.26 | 41.72 -1.03 0.87 | 30.45 -0.82 1.37 | 18.04 -0.67 3.24 | 20.81 -0.71 1.20 | 33.76 -0.68 0.11 | 26.52 -0.77 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 30.88 -0.69 -1.07 | 30.58 -0.72 -0.67 | 31.03 -0.67 -0.30 | 31.86 -0.93 -0.12 | 31.89 -1.03 -0.63 | 32.66 -1.13 -1.01 | 34.55 -1.65 -2.49 | 36.66 -2.39 0.00 | 41.03 -2.29 0.07 | 43.59 -2.26 3.46 | 44.51 -2.31 5.25 | 40.26 -1.75 5.01 | 37.57 -2.50 3.07 | 34.36 -2.07 2.19 | 35.41 -1.73 2.26 | 48.57 -2.35 6.92 | 38.13 -2.41 3.41 | 39.15 -2.17 1.88 | 42.23 -2.34 -0.94 | 33.37 -1.77 -2.49 | 26.54 -1.30 -5.89 | 25.20 -1.78 -4.27 | 32.37 -2.74 -0.56 | 26.77 -2.34 -1.81 |
| NEG WEST___LANCASTR 23811 | 32.22 0.51 -1.21 | 31.73 0.35 -0.76 | 32.19 0.46 -0.34 | 33.08 0.28 -0.14 | 33.38 0.37 -0.71 | 34.32 0.41 -1.14 | 36.66 0.13 -2.81 | 38.87 -0.18 0.00 | 44.04 0.49 -0.16 | 61.18 0.89 -10.97 | 71.77 0.86 -18.83 | 73.93 1.11 -25.80 | 61.29 0.10 -18.05 | 58.30 0.28 -19.40 | 81.60 0.75 -41.46 | 122.76 1.07 -63.84 | 67.64 0.08 -23.60 | 55.71 0.25 -12.27 | 49.08 0.14 -5.31 | 35.62 0.15 -2.82 | 28.57 -0.03 -6.65 | 26.98 -0.51 -4.76 | 34.30 -0.90 -0.66 | 28.62 -0.78 -2.10 |
| NEG_PENN_ALLEGHNY 23528 | 33.53 0.62 -2.42 | 32.66 0.52 -1.51 | 32.62 0.54 -0.68 | 33.48 0.55 -0.27 | 34.29 0.58 -1.42 | 35.72 0.66 -2.28 | 40.10 0.77 -5.62 | 39.91 0.86 0.00 | 44.57 1.18 0.00 | 50.66 1.34 0.00 | 53.46 1.39 0.00 | 48.42 1.40 0.00 | 44.69 1.06 -0.48 | 40.73 1.05 -1.06 | 45.57 1.05 -5.12 | 60.72 1.59 -1.28 | 46.50 1.13 -1.42 | 45.43 1.16 -1.08 | 48.46 1.26 -3.57 | 39.24 0.95 -5.65 | 35.85 0.57 -13.34 | 32.35 0.44 -9.18 | 36.39 0.48 -1.36 | 31.80 0.35 -4.16 |
| NEG___GEN_MONROE 24207 | 31.86 0.52 -0.84 | 31.61 0.46 -0.52 | 32.11 0.48 -0.24 | 33.15 0.39 -0.09 | 33.11 0.32 -0.49 | 33.95 0.39 -0.79 | 35.89 0.23 -1.94 | 39.16 0.11 0.00 | 43.75 0.37 0.01 | 49.54 0.65 0.42 | 52.34 0.79 0.52 | 47.79 0.87 0.10 | 43.55 0.27 -0.15 | 39.13 0.31 -0.20 | 40.76 0.53 -0.83 | 57.63 0.92 1.14 | 44.95 0.42 -0.58 | 44.12 0.62 -0.31 | 45.46 0.61 -1.24 | 35.01 0.41 -1.96 | 26.74 0.18 -4.62 | 26.02 -0.11 -3.41 | 34.76 -0.34 -0.55 | 28.64 -0.42 -1.76 |
| NEPA___ENERGY 23901 | 31.76 0.05 -1.21 | 31.27 -0.11 -0.76 | 31.74 0.00 -0.34 | 32.67 -0.13 -0.14 | 32.93 -0.08 -0.71 | 33.89 -0.03 -1.14 | 36.21 -0.32 -2.81 | 38.30 -0.75 0.00 | 43.64 0.17 -0.08 | 55.24 0.51 -5.42 | 61.72 0.48 -9.18 | 59.95 0.74 -12.19 | 51.45 -0.31 -8.62 | 49.48 0.10 -10.76 | 67.28 0.35 -27.53 | 98.25 0.84 -39.56 | 55.25 -0.20 -11.50 | 49.09 -0.20 -6.09 | 46.92 -0.14 -3.44 | 35.32 -0.14 -2.82 | 28.29 -0.31 -6.66 | 26.70 -0.79 -4.77 | 33.83 -1.38 -0.66 | 28.30 -1.11 -2.12 |
| NEVERSINK___HYD 23608 | 40.66 3.84 -6.32 | 38.22 3.65 -3.95 | 36.85 3.66 -1.79 | 37.16 3.79 -0.71 | 39.85 3.85 -3.71 | 42.85 4.11 -5.96 | 52.75 4.35 -14.68 | 44.16 5.11 0.00 | 49.05 5.66 0.00 | 55.55 6.24 0.00 | 58.54 6.47 0.00 | 53.08 6.06 0.00 | 49.90 5.50 -1.25 | 46.07 5.27 -2.18 | 54.93 5.56 -9.97 | 65.92 8.03 -0.04 | 55.15 6.20 -4.99 | 56.03 6.19 -6.65 | 74.62 6.31 -24.69 | 56.56 4.68 -19.23 | 59.97 3.05 -34.97 | 47.80 3.04 -22.04 | 42.45 4.40 -3.49 | 41.23 3.42 -10.52 |
| NEWTON___FALLS_HYD 23847 | 29.92 -0.58 0.00 | 30.18 -0.44 0.00 | 31.00 -0.40 0.00 | 32.27 -0.39 0.00 | 31.98 -0.32 0.00 | 32.55 -0.23 0.00 | 33.69 -0.03 0.00 | 39.08 0.03 0.00 | 43.43 0.04 0.00 | 49.48 0.16 0.00 | 52.33 0.26 0.00 | 47.08 0.10 0.04 | 38.71 0.01 4.44 | 25.15 -0.43 13.04 | 33.78 -0.75 4.87 | 56.98 -0.87 0.00 | 43.53 -0.62 -0.20 | 42.56 -0.63 0.00 | 43.08 -0.54 0.00 | 32.21 -0.43 0.00 | 21.69 -0.26 0.00 | 23.02 -0.13 -0.42 | 34.37 -0.18 0.00 | 26.95 -0.35 0.00 |
| NIAGARA_115E_LBMP 323715 | 30.33 -1.26 -1.09 | 30.07 -1.24 -0.68 | 30.49 -1.22 -0.31 | 31.28 -1.50 -0.12 | 31.31 -1.63 -0.64 | 32.05 -1.76 -1.03 | 33.85 -2.39 -2.52 | 35.74 -3.31 0.00 | 39.79 -3.41 0.19 | 36.09 -3.52 9.71 | 33.71 -3.67 14.69 | 30.09 -2.95 13.98 | 30.60 -3.60 8.94 | 28.25 -3.02 7.35 | 25.90 -2.70 10.79 | 31.82 -3.81 22.22 | 29.73 -3.47 10.75 | 33.81 -3.30 6.08 | 39.98 -3.47 0.17 | 32.54 -2.64 -2.53 | 26.05 -1.88 -5.99 | 24.70 -2.35 -4.33 | 31.59 -3.53 -0.57 | 26.19 -2.94 -1.84 |
| NIAGARA_115W_LBMP 323714 | 30.47 -1.11 -1.09 | 30.14 -1.17 -0.68 | 30.56 -1.15 -0.31 | 31.35 -1.44 -0.12 | 31.37 -1.57 -0.64 | 32.08 -1.72 -1.03 | 33.90 -2.34 -2.52 | 35.88 -3.17 0.00 | 40.04 -3.18 0.18 | 36.30 -3.35 9.67 | 33.94 -3.46 14.67 | 30.26 -2.81 13.94 | 30.78 -3.44 8.92 | 28.37 -2.94 7.31 | 25.98 -2.64 10.77 | 31.92 -3.72 22.21 | 29.77 -3.45 10.74 | 34.02 -3.10 6.07 | 40.22 -3.25 0.15 | 32.73 -2.45 -2.53 | 26.12 -1.78 -5.95 | 24.79 -2.24 -4.31 | 31.77 -3.36 -0.57 | 26.32 -2.81 -1.84 |
| NIAGARA_230_LBMP 323716 | 30.72 -0.86 -1.08 | 30.40 -0.90 -0.67 | 30.84 -0.86 -0.31 | 31.65 -1.14 -0.12 | 31.68 -1.25 -0.63 | 32.41 -1.39 -1.02 | 34.27 -1.96 -2.51 | 36.32 -2.73 0.00 | 40.75 -2.62 0.02 | 44.94 -2.70 1.69 | 46.16 -2.78 3.13 | 39.81 -2.21 5.00 | 36.96 -2.88 3.30 | 31.87 -2.44 4.30 | 27.50 -2.12 9.78 | 36.36 -2.94 18.55 | 37.29 -2.84 3.82 | 38.88 -2.55 1.77 | 41.81 -2.71 -0.89 | 33.12 -2.04 -2.51 | 26.41 -1.46 -5.93 | 25.10 -1.91 -4.29 | 32.15 -2.96 -0.56 | 26.61 -2.51 -1.82 |
| NIAGARA____ 23760 | 30.47 -1.12 -1.09 | 30.17 -1.13 -0.68 | 30.61 -1.09 -0.31 | 31.42 -1.36 -0.12 | 31.45 -1.49 -0.64 | 32.19 -1.61 -1.02 | 34.02 -2.22 -2.52 | 36.06 -3.00 0.00 | 40.29 -2.99 0.11 | 40.38 -3.09 5.84 | 39.72 -3.21 9.14 | 34.90 -2.56 9.56 | 33.76 -3.21 6.17 | 30.11 -2.72 5.79 | 26.72 -2.42 10.26 | 34.09 -3.40 20.35 | 33.56 -3.16 7.24 | 36.23 -2.91 4.06 | 40.89 -3.07 -0.34 | 32.85 -2.32 -2.52 | 26.21 -1.70 -5.96 | 24.86 -2.17 -4.31 | 31.88 -3.24 -0.57 | 26.41 -2.72 -1.83 |
| NINE_MILE_1 23575 | 29.84 -0.66 0.00 | 29.95 -0.68 0.00 | 30.68 -0.72 0.00 | 31.89 -0.77 0.00 | 31.54 -0.76 0.00 | 32.01 -0.76 0.00 | 32.92 -0.79 0.00 | 38.07 -0.98 0.00 | 42.38 -1.02 0.00 | 48.17 -1.14 0.00 | 50.88 -1.19 0.00 | 46.03 -0.99 0.00 | 42.14 -1.00 0.00 | 37.73 -0.89 0.00 | 38.75 -0.89 -0.24 | 56.53 -1.32 0.00 | 43.27 -1.01 -0.33 | 42.26 -0.94 0.00 | 42.71 -0.91 0.00 | 31.94 -0.71 0.00 | 21.46 -0.48 0.00 | 23.09 -0.53 -0.90 | 33.88 -0.90 -0.23 | 27.64 -0.69 -1.03 |

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| NINE_MILE_2 23744 | 29.84 -0.66 0.00 | 29.95 -0.68 0.00 | 30.68 -0.71 0.00 | 31.89 -0.77 0.00 | 31.54 -0.75 0.00 | 32.01 -0.76 0.00 | 32.92 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.02 0.00 | 48.18 -1.14 0.00 | 50.88 -1.19 0.00 | 46.03 -0.99 0.00 | 42.14 -1.00 0.00 | 37.73 -0.89 0.00 | 38.75 -0.89 -0.24 | 56.54 -1.31 0.00 | 43.27 -1.01 -0.33 | 42.26 -0.94 0.00 | 42.72 -0.91 0.00 | 31.94 -0.70 0.00 | 21.46 -0.48 0.00 | 23.09 -0.52 -0.89 | 33.88 -0.90 -0.23 | 27.63 -0.69 -1.03 |
| NM_CAPITAL___DRP 24208 | 46.54 1.63 -14.41 | 41.26 1.64 -9.00 | 37.17 1.69 -4.09 | 36.04 1.75 -1.62 | 42.49 1.73 -8.46 | 48.09 1.72 -13.59 | 68.84 1.63 -33.49 | 40.72 1.67 0.00 | 45.27 1.89 0.00 | 51.38 2.06 0.00 | 54.13 2.05 0.00 | 49.05 2.03 0.00 | 48.07 2.07 -2.86 | 45.48 1.88 -4.98 | 61.84 1.95 -20.49 | 60.82 2.75 -0.22 | 48.96 2.15 -2.86 | 50.96 2.13 -5.64 | 63.90 2.12 -18.16 | 66.80 1.61 -32.55 | 101.74 1.09 -78.71 | 65.39 1.09 -41.58 | 42.52 1.64 -6.33 | 45.19 1.18 -16.72 |
| NM_CENTRAL___DRP 24181 | 30.42 -0.08 0.00 | 30.50 -0.13 0.00 | 31.24 -0.15 0.00 | 32.47 -0.19 0.00 | 32.14 -0.16 0.00 | 32.64 -0.13 0.00 | 33.69 -0.03 0.00 | 39.02 -0.03 0.00 | 43.46 0.08 0.00 | 49.43 0.12 0.00 | 52.23 0.16 0.00 | 47.34 0.32 0.00 | 43.28 0.14 0.00 | 38.74 0.12 0.00 | 39.88 0.14 -0.34 | 58.06 0.21 0.00 | 44.55 0.14 -0.46 | 43.25 0.06 0.00 | 43.73 0.10 0.00 | 32.70 0.06 0.00 | 21.95 0.01 0.00 | 23.85 -0.07 -1.20 | 34.58 -0.26 -0.29 | 28.39 -0.23 -1.32 |
| NM_FRONTIER___DRP 24179 | 30.47 -1.11 -1.09 | 30.14 -1.17 -0.68 | 30.56 -1.15 -0.31 | 31.35 -1.44 -0.12 | 31.37 -1.57 -0.64 | 32.08 -1.72 -1.03 | 33.90 -2.34 -2.52 | 35.88 -3.17 0.00 | 40.04 -3.18 0.18 | 36.30 -3.35 9.67 | 33.94 -3.46 14.67 | 30.26 -2.81 13.94 | 30.78 -3.44 8.92 | 28.37 -2.94 7.31 | 25.98 -2.64 10.77 | 31.92 -3.72 22.21 | 29.77 -3.45 10.74 | 34.02 -3.10 6.07 | 40.22 -3.25 0.15 | 32.73 -2.45 -2.53 | 26.12 -1.78 -5.95 | 24.79 -2.24 -4.31 | 31.77 -3.36 -0.57 | 26.32 -2.81 -1.84 |
| NM_ST_REGIS___HYD 24053 | 29.05 -0.89 0.55 | 29.60 -0.68 0.34 | 30.54 -0.70 0.16 | 31.93 -0.68 0.06 | 31.33 -0.64 0.32 | 31.67 -0.58 0.52 | 31.94 -0.49 1.28 | 38.65 -0.39 0.00 | 42.76 -0.63 0.00 | 48.84 -0.47 0.00 | 51.60 -0.48 0.00 | 46.06 -0.90 0.06 | 35.28 -0.99 6.86 | 17.39 -1.18 20.04 | 29.82 -1.33 8.25 | 56.17 -1.68 0.00 | 42.80 -1.26 -0.10 | 41.74 -1.20 0.24 | 41.59 -1.21 0.82 | 30.41 -0.95 1.29 | 18.28 -0.61 3.05 | 21.25 -0.45 1.02 | 34.03 -0.42 0.10 | 26.83 -0.46 0.00 |
| NORTHPORT___1 23551 | 41.21 3.67 -7.05 | 38.53 3.50 -4.40 | 36.80 3.41 -2.00 | 36.81 3.35 -0.79 | 39.88 3.44 -4.14 | 43.10 3.68 -6.65 | 53.60 3.51 -16.38 | 43.86 4.81 0.00 | 48.41 5.03 0.00 | 54.68 5.36 0.00 | 57.84 5.77 0.00 | 52.72 5.70 0.00 | 49.81 5.27 -1.40 | 46.03 4.76 -2.65 | 58.93 4.64 -14.89 | 69.11 6.61 -4.66 | 58.05 5.38 -8.71 | 57.55 5.48 -8.87 | 78.35 5.52 -29.20 | 42.98 4.14 -6.20 | 56.38 2.60 -31.83 | 50.11 2.82 -24.57 | 42.86 4.34 -3.97 | 44.27 3.42 -13.55 |
| NORTHPORT___2 23552 | 41.21 3.67 -7.05 | 38.53 3.50 -4.40 | 36.80 3.41 -2.00 | 36.81 3.35 -0.79 | 39.88 3.44 -4.14 | 43.10 3.68 -6.65 | 53.60 3.51 -16.38 | 43.86 4.81 0.00 | 48.41 5.03 0.00 | 54.68 5.36 0.00 | 57.84 5.77 0.00 | 52.72 5.70 0.00 | 49.81 5.27 -1.40 | 46.03 4.76 -2.65 | 58.93 4.64 -14.89 | 69.11 6.61 -4.66 | 58.05 5.38 -8.71 | 57.55 5.48 -8.87 | 78.35 5.52 -29.20 | 42.98 4.14 -6.20 | 56.38 2.60 -31.83 | 50.11 2.82 -24.57 | 42.86 4.34 -3.97 | 44.27 3.42 -13.55 |
| NORTHPORT___3 23553 | 41.11 3.56 -7.05 | 38.45 3.41 -4.40 | 36.72 3.33 -2.00 | 36.74 3.29 -0.79 | 39.79 3.35 -4.14 | 43.02 3.60 -6.65 | 53.63 3.54 -16.38 | 43.74 4.69 0.00 | 48.42 5.03 0.00 | 54.71 5.39 0.00 | 57.87 5.80 0.00 | 52.74 5.72 0.00 | 49.83 5.29 -1.40 | 46.11 4.83 -2.65 | 58.90 4.61 -14.89 | 69.07 6.56 -4.66 | 57.96 5.29 -8.71 | 57.46 5.39 -8.87 | 79.29 5.53 -30.14 | 47.12 4.17 -10.30 | 58.03 2.61 -33.47 | 50.27 2.80 -24.75 | 42.72 4.20 -3.97 | 44.16 3.32 -13.55 |
| NORTHPORT___4 23650 | 41.11 3.56 -7.05 | 38.45 3.41 -4.40 | 36.72 3.33 -2.00 | 36.74 3.29 -0.79 | 39.79 3.35 -4.14 | 43.02 3.60 -6.65 | 53.63 3.54 -16.38 | 43.74 4.69 0.00 | 48.42 5.03 0.00 | 54.71 5.39 0.00 | 57.87 5.80 0.00 | 52.74 5.72 0.00 | 49.83 5.29 -1.40 | 46.11 4.83 -2.65 | 58.90 4.61 -14.89 | 69.07 6.56 -4.66 | 57.96 5.29 -8.71 | 57.46 5.39 -8.87 | 79.29 5.53 -30.14 | 47.12 4.17 -10.30 | 58.03 2.61 -33.47 | 50.27 2.80 -24.75 | 42.72 4.20 -3.97 | 44.16 3.32 -13.55 |
| NORTHPORT___IC 23718 | 41.21 3.67 -7.05 | 38.53 3.50 -4.40 | 36.80 3.41 -2.00 | 36.81 3.35 -0.79 | 39.88 3.44 -4.14 | 43.10 3.68 -6.65 | 53.60 3.51 -16.38 | 43.86 4.81 0.00 | 48.41 5.03 0.00 | 54.68 5.36 0.00 | 57.84 5.77 0.00 | 52.72 5.70 0.00 | 49.81 5.27 -1.40 | 46.03 4.76 -2.65 | 58.93 4.64 -14.89 | 69.11 6.61 -4.66 | 58.05 5.38 -8.71 | 57.55 5.48 -8.87 | 78.35 5.52 -29.20 | 42.98 4.14 -6.20 | 56.38 2.60 -31.83 | 50.11 2.82 -24.57 | 42.86 4.34 -3.97 | 44.27 3.42 -13.55 |
| NPX_GEN_1385_PROXY 323591 | 41.06 3.51 -7.05 | 38.53 3.50 -4.40 | 36.80 3.40 -2.00 | 36.67 3.22 -0.79 | 39.73 3.30 -4.14 | 42.93 3.51 -6.65 | 53.10 3.01 -16.38 | 44.30 5.25 0.00 | 48.54 5.15 0.00 | 54.83 5.51 0.00 | 58.11 6.03 0.00 | 52.79 5.77 0.00 | 49.71 5.17 -1.40 | 45.80 4.52 -2.65 | 58.41 4.13 -14.89 | 68.45 5.94 -4.66 | 57.86 5.19 -8.71 | 57.35 5.28 -8.87 | 78.18 5.35 -29.20 | 43.02 4.18 -6.20 | 56.13 2.35 -31.83 | 50.00 2.72 -24.57 | 42.70 4.18 -3.97 | 44.11 3.27 -13.55 |
| NPX_GEN_CSC 323557 | 41.37 3.82 -7.05 | 38.69 3.66 -4.40 | 36.93 3.54 -2.00 | 36.97 3.51 -0.79 | 40.04 3.61 -4.14 | 43.28 3.85 -6.65 | 53.92 3.82 -16.38 | 44.15 5.10 0.00 | 48.77 5.38 0.00 | 54.71 5.40 0.00 | 58.10 6.02 0.00 | 53.00 5.98 0.00 | 50.05 5.52 -1.40 | 46.26 4.98 -2.65 | 59.18 4.89 -14.89 | 69.47 6.97 -4.66 | 58.17 5.51 -8.71 | 57.95 5.88 -8.87 | 144.71 5.94 -95.15 | 331.46 4.37 -294.45 | 171.68 2.74 -147.00 | 63.46 2.98 -37.76 | 43.11 4.59 -3.97 | 44.48 3.59 -13.59 |
| NSINS_S_GLNS_FALLS 23858 | 49.81 2.31 -17.00 | 43.45 2.21 -10.62 | 38.55 2.34 -4.82 | 36.99 2.42 -1.92 | 44.74 2.47 -9.98 | 51.30 2.49 -16.04 | 76.03 2.81 -39.51 | 42.47 3.42 0.00 | 47.30 3.92 0.00 | 53.62 4.30 0.00 | 56.20 4.13 0.00 | 50.84 3.82 0.00 | 50.53 3.80 -3.60 | 48.52 3.38 -6.52 | 66.65 3.37 -23.88 | 62.85 4.78 -0.22 | 50.44 3.62 -2.87 | 53.95 3.74 -7.01 | 70.30 3.84 -22.84 | 74.41 2.90 -38.87 | 116.93 1.90 -93.08 | 72.00 1.94 -47.33 | 44.52 2.91 -7.06 | 47.33 2.19 -17.84 |
| NUCOR_STEEL___DRP 24197 | 31.66 0.33 -0.83 | 31.56 0.41 -0.52 | 32.07 0.44 -0.23 | 33.09 0.34 -0.09 | 33.22 0.44 -0.49 | 34.01 0.45 -0.78 | 36.05 0.41 -1.92 | 39.46 0.41 0.00 | 43.94 0.55 0.00 | 49.94 0.62 0.00 | 52.93 0.86 0.00 | 47.81 0.79 0.00 | 44.01 0.70 -0.16 | 39.44 0.53 -0.28 | 41.33 0.46 -1.47 | 58.74 0.88 0.00 | 45.30 0.76 -0.60 | 44.40 0.83 -0.37 | 45.88 1.03 -1.22 | 35.13 0.55 -1.93 | 26.83 0.33 -4.57 | 26.36 0.21 -3.43 | 35.32 0.23 -0.54 | 29.22 0.19 -1.74 |
| NYISO_LBMP_REFERENCE 24008 | 30.50 0.00 0.00 | 30.63 0.00 0.00 | 31.39 0.00 0.00 | 32.66 0.00 0.00 | 32.30 0.00 0.00 | 32.77 0.00 0.00 | 33.72 0.00 0.00 | 39.05 0.00 0.00 | 43.39 0.00 0.00 | 49.32 0.00 0.00 | 52.07 0.00 0.00 | 47.02 0.00 0.00 | 43.14 0.00 0.00 | 38.62 0.00 0.00 | 39.40 0.00 0.00 | 57.85 0.00 0.00 | 43.95 0.00 0.00 | 43.20 0.00 0.00 | 43.62 0.00 0.00 | 32.65 0.00 0.00 | 21.94 0.00 0.00 | 22.72 0.00 0.00 | 34.55 0.00 0.00 | 27.29 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 41.52 3.97 -7.05 | 38.79 3.76 -4.40 | 37.08 3.68 -2.00 | 37.09 3.64 -0.79 | 40.15 3.71 -4.14 | 43.39 3.97 -6.65 | 54.02 3.93 -16.38 | 44.29 5.24 0.00 | 48.94 5.55 0.00 | 55.26 5.94 0.00 | 58.47 6.40 0.00 | 53.31 6.29 0.00 | 50.34 5.80 -1.40 | 46.55 5.27 -2.65 | 59.46 5.18 -14.89 | 69.89 7.38 -4.66 | 58.67 6.01 -8.71 | 58.07 6.00 -8.87 | 89.42 6.09 -39.71 | 89.36 4.57 -52.14 | 75.08 2.95 -50.19 | 52.52 3.13 -26.67 | 43.25 4.73 -3.97 | 44.52 3.68 -13.54 |
| NYPA_GOWANUS____GT5 24156 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.11 5.07 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NYPA_GOWANUS____GT6 24157 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.46 5.29 -9.22 | 57.11 5.07 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |
| NYPA_HARLEM__RVR__GT1 24160 | 40.63 3.10 -7.03 | 37.95 2.93 -4.39 | 36.27 2.88 -1.99 | 36.41 2.95 -0.79 | 39.41 2.98 -4.13 | 42.65 3.24 -6.63 | 53.46 3.40 -16.34 | 43.12 4.07 0.00 | 47.96 4.57 0.00 | 54.38 5.07 0.00 | 57.42 5.35 0.00 | 52.17 5.15 0.00 | 49.27 4.73 -1.40 | 45.76 4.46 -2.69 | 59.81 4.66 -15.75 | 70.49 6.64 -6.00 | 58.68 5.13 -9.59 | 56.98 4.93 -8.86 | 81.73 4.85 -33.26 | 59.45 3.70 -23.11 | 63.40 2.43 -39.02 | 49.46 2.46 -24.28 | 42.08 3.56 -3.96 | 42.08 2.74 -12.04 |
| NYPA_HARLEM__RVR__GT2 24161 | 40.63 3.10 -7.03 | 37.95 2.93 -4.39 | 36.27 2.88 -1.99 | 36.41 2.95 -0.79 | 39.41 2.98 -4.13 | 42.65 3.24 -6.63 | 53.46 3.40 -16.34 | 43.12 4.07 0.00 | 47.96 4.57 0.00 | 54.38 5.07 0.00 | 57.42 5.35 0.00 | 52.17 5.15 0.00 | 49.27 4.73 -1.40 | 45.76 4.46 -2.69 | 59.81 4.66 -15.75 | 70.49 6.64 -6.00 | 58.68 5.13 -9.59 | 56.98 4.93 -8.86 | 81.73 4.85 -33.26 | 59.45 3.70 -23.11 | 63.40 2.43 -39.02 | 49.46 2.46 -24.28 | 42.08 3.56 -3.96 | 42.08 2.74 -12.04 |
| NYPA_KENT____GT 24152 | 40.59 3.06 -7.03 | 37.93 2.91 -4.39 | 36.26 2.88 -1.99 | 36.38 2.93 -0.79 | 39.37 2.95 -4.13 | 42.61 3.21 -6.63 | 53.41 3.35 -16.34 | 43.14 4.09 0.00 | 47.98 4.59 0.00 | 54.44 5.12 0.00 | 57.55 5.48 0.00 | 52.33 5.31 0.00 | 49.38 4.84 -1.40 | 45.91 4.59 -2.70 | 59.82 4.80 -15.62 | 70.16 6.80 -5.51 | 58.40 5.25 -9.19 | 57.07 5.04 -8.84 | 81.85 4.98 -33.25 | 59.52 3.79 -23.09 | 63.45 2.49 -39.02 | 49.55 2.55 -24.28 | 42.17 3.66 -3.96 | 42.13 2.80 -12.04 |
| NYPA_POUCH1____GT 24155 | 40.56 3.03 -7.03 | 37.99 2.98 -4.39 | 36.31 2.93 -1.99 | 36.32 2.87 -0.79 | 39.32 2.89 -4.13 | 42.57 3.16 -6.63 | 53.32 3.27 -16.34 | 43.07 4.02 0.00 | 47.84 4.45 0.00 | 54.25 4.93 0.00 | 57.36 5.28 0.00 | 52.17 5.15 0.00 | 49.24 4.70 -1.40 | 45.80 4.47 -2.71 | 59.68 4.68 -15.60 | 69.21 6.61 -4.75 | 58.25 5.10 -9.19 | 56.33 4.85 -8.29 | 54.12 4.81 -5.69 | 59.06 3.70 -22.71 | 59.47 2.41 -35.12 | 49.50 2.50 -24.28 | 42.07 3.56 -3.96 | 42.06 2.73 -12.04 |
| NYPA_VERNON____GT2 24162 | 40.56 3.03 -7.03 | 37.89 2.87 -4.39 | 36.23 2.84 -1.99 | 36.37 2.92 -0.79 | 39.36 2.93 -4.13 | 42.58 3.18 -6.63 | 53.38 3.33 -16.34 | 43.10 4.05 0.00 | 47.94 4.55 0.00 | 54.42 5.10 0.00 | 57.51 5.44 0.00 | 52.28 5.26 0.00 | 49.34 4.81 -1.40 | 45.87 4.55 -2.69 | 59.74 4.75 -15.60 | 70.11 6.75 -5.51 | 58.33 5.21 -9.17 | 57.04 5.00 -8.84 | 81.80 4.93 -33.25 | 59.47 3.74 -23.09 | 63.42 2.46 -39.02 | 49.52 2.52 -24.28 | 42.13 3.62 -3.96 | 42.10 2.77 -12.04 |
| NYPA_VERNON____GT3 24163 | 40.56 3.03 -7.03 | 37.89 2.87 -4.39 | 36.23 2.84 -1.99 | 36.37 2.92 -0.79 | 39.36 2.93 -4.13 | 42.58 3.18 -6.63 | 53.38 3.33 -16.34 | 43.10 4.05 0.00 | 47.94 4.55 0.00 | 54.42 5.10 0.00 | 57.51 5.44 0.00 | 52.28 5.26 0.00 | 49.34 4.81 -1.40 | 45.87 4.55 -2.69 | 59.74 4.75 -15.60 | 70.11 6.75 -5.51 | 58.33 5.21 -9.17 | 57.04 5.00 -8.84 | 81.80 4.93 -33.25 | 59.47 3.74 -23.09 | 63.42 2.46 -39.02 | 49.52 2.52 -24.28 | 42.13 3.62 -3.96 | 42.10 2.77 -12.04 |
| NYPA__ASTORIA_CC1 323568 | 40.52 2.99 -7.03 | 37.86 2.84 -4.39 | 36.18 2.80 -1.99 | 36.34 2.88 -0.79 | 39.32 2.90 -4.13 | 42.54 3.14 -6.63 | 53.34 3.29 -16.34 | 43.06 4.01 0.00 | 47.88 4.50 0.00 | 54.32 5.01 0.00 | 57.42 5.35 0.00 | 52.19 5.17 0.00 | 49.25 4.72 -1.40 | 45.79 4.47 -2.69 | 59.65 4.67 -15.58 | 69.98 6.62 -5.51 | 58.23 5.12 -9.16 | 56.96 4.92 -8.84 | 81.72 4.85 -33.25 | 59.42 3.68 -23.09 | 63.38 2.42 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| NYPA__ASTORIA_CC2 323569 | 40.52 2.99 -7.03 | 37.86 2.84 -4.39 | 36.18 2.80 -1.99 | 36.34 2.88 -0.79 | 39.32 2.90 -4.13 | 42.54 3.14 -6.63 | 53.34 3.29 -16.34 | 43.06 4.01 0.00 | 47.88 4.50 0.00 | 54.32 5.01 0.00 | 57.42 5.35 0.00 | 52.19 5.17 0.00 | 49.25 4.72 -1.40 | 45.79 4.47 -2.69 | 59.65 4.67 -15.58 | 69.98 6.62 -5.51 | 58.23 5.12 -9.16 | 56.96 4.92 -8.84 | 81.72 4.85 -33.25 | 59.42 3.68 -23.09 | 63.38 2.42 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| NYPA__HOLTSVILL 23794 | 41.44 3.89 -7.05 | 38.75 3.72 -4.40 | 37.02 3.62 -2.00 | 37.05 3.59 -0.79 | 40.11 3.68 -4.14 | 43.33 3.91 -6.65 | 53.93 3.83 -16.38 | 44.14 5.09 0.00 | 48.77 5.38 0.00 | 54.95 5.64 0.00 | 58.25 6.17 0.00 | 53.16 6.14 0.00 | 50.21 5.67 -1.40 | 46.43 5.15 -2.65 | 59.31 5.02 -14.89 | 69.64 7.14 -4.66 | 58.39 5.73 -8.71 | 58.02 5.95 -8.87 | 144.79 6.04 -95.13 | 331.49 4.49 -294.36 | 171.73 2.83 -146.96 | 63.51 3.03 -37.75 | 43.15 4.63 -3.97 | 44.52 3.63 -13.59 |
| NYPA__HELLGATE_GT1 24158 | 40.63 3.10 -7.04 | 37.95 2.93 -4.39 | 36.27 2.88 -1.99 | 36.41 2.95 -0.79 | 39.41 2.98 -4.13 | 42.65 3.24 -6.63 | 53.44 3.39 -16.34 | 43.10 4.06 0.00 | 47.96 4.57 0.00 | 54.38 5.07 0.00 | 57.42 5.35 0.00 | 52.17 5.15 0.00 | 49.27 4.73 -1.40 | 45.80 4.46 -2.73 | 60.18 4.66 -16.12 | 70.35 6.64 -5.87 | 58.22 5.09 -9.18 | 56.91 4.87 -8.84 | 81.65 4.78 -33.25 | 59.39 3.65 -23.09 | 63.36 2.40 -39.02 | 49.46 2.46 -24.28 | 42.08 3.56 -3.96 | 42.06 2.73 -12.04 |
| NYPA__HELLGATE_GT2 24159 | 40.63 3.10 -7.04 | 37.95 2.93 -4.39 | 36.27 2.88 -1.99 | 36.41 2.95 -0.79 | 39.41 2.98 -4.13 | 42.65 3.24 -6.63 | 53.44 3.39 -16.34 | 43.10 4.06 0.00 | 47.96 4.57 0.00 | 54.38 5.07 0.00 | 57.42 5.35 0.00 | 52.17 5.15 0.00 | 49.27 4.73 -1.40 | 45.80 4.46 -2.73 | 60.18 4.66 -16.12 | 70.35 6.64 -5.87 | 58.22 5.09 -9.18 | 56.91 4.87 -8.84 | 81.65 4.78 -33.25 | 59.39 3.65 -23.09 | 63.36 2.40 -39.02 | 49.46 2.46 -24.28 | 42.08 3.56 -3.96 | 42.06 2.73 -12.04 |
| NYS_BARGE__HYD 23848 | 30.87 -0.69 -1.06 | 30.58 -0.71 -0.66 | 31.02 -0.68 -0.30 | 31.85 -0.94 -0.12 | 31.89 -1.03 -0.62 | 32.65 -1.13 -1.00 | 34.52 -1.66 -2.47 | 36.65 -2.40 0.00 | 41.00 -2.31 0.08 | 42.96 -2.28 4.08 | 43.58 -2.34 6.16 | 39.43 -1.78 5.82 | 37.03 -2.52 3.59 | 33.97 -2.07 2.58 | 34.75 -1.74 2.91 | 47.57 -2.37 7.91 | 37.47 -2.42 4.06 | 38.75 -2.19 2.26 | 42.09 -2.36 -0.83 | 33.33 -1.79 -2.47 | 26.47 -1.32 -5.85 | 25.16 -1.80 -4.23 | 32.35 -2.74 -0.54 | 26.72 -2.34 -1.76 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OAK ORCHARD___HYD 24046 | 31.73 0.41 -0.83 | 31.49 0.35 -0.52 | 31.98 0.35 -0.23 | 32.99 0.24 -0.09 | 32.99 0.21 -0.49 | 33.80 0.24 -0.78 | 35.76 0.12 -1.92 | 39.05 0.00 0.00 | 43.61 0.23 0.01 | 49.46 0.46 0.32 | 52.24 0.56 0.40 | 47.63 0.69 0.08 | 43.46 0.17 -0.15 | 38.97 0.21 -0.13 | 40.48 0.39 -0.69 | 57.34 0.69 1.20 | 44.82 0.29 -0.57 | 44.00 0.48 -0.32 | 45.32 0.48 -1.22 | 34.88 0.31 -1.93 | 26.64 0.13 -4.56 | 25.98 -0.12 -3.37 | 34.73 -0.37 -0.55 | 28.64 -0.41 -1.76 |
| OCC_CHEM___DRP 24175 | 30.60 -0.99 -1.09 | 30.27 -1.04 -0.68 | 30.69 -1.02 -0.31 | 31.49 -1.29 -0.12 | 31.50 -1.44 -0.64 | 32.22 -1.58 -1.03 | 34.07 -2.19 -2.54 | 36.04 -3.01 0.00 | 40.54 -2.98 -0.13 | 52.84 -3.10 -6.62 | 58.69 -3.22 -9.83 | 53.03 -2.59 -8.60 | 45.67 -3.24 -5.77 | 41.58 -2.77 -5.73 | 44.64 -2.45 -7.70 | 81.14 -3.44 -26.73 | 48.34 -3.23 -7.62 | 44.87 -2.89 -4.57 | 43.24 -3.05 -2.67 | 32.90 -2.29 -2.55 | 26.30 -1.68 -6.03 | 24.93 -2.14 -4.35 | 31.89 -3.23 -0.57 | 26.43 -2.72 -1.85 |
| OH_GEN_PROXY 24063 | 30.78 -0.80 -1.08 | 30.45 -0.85 -0.68 | 30.89 -0.81 -0.31 | 31.71 -1.07 -0.12 | 31.74 -1.19 -0.64 | 32.48 -1.32 -1.02 | 34.37 -1.87 -2.51 | 36.45 -2.60 0.00 | 40.92 -2.46 0.01 | 45.56 -2.50 1.26 | 47.04 -2.60 2.44 | 40.82 -2.05 4.15 | 37.70 -2.72 2.71 | 32.67 -2.31 3.64 | 28.91 -1.99 8.50 | 39.87 -2.75 15.23 | 38.19 -2.68 3.08 | 39.43 -2.38 1.38 | 42.08 -2.55 -1.00 | 33.24 -1.92 -2.51 | 26.48 -1.38 -5.92 | 25.18 -1.83 -4.28 | 32.27 -2.85 -0.57 | 26.71 -2.41 -1.83 |
| OLIN_CORP_DRP 24177 | 30.55 -1.06 -1.10 | 30.26 -1.06 -0.69 | 30.68 -1.03 -0.31 | 31.48 -1.31 -0.12 | 31.52 -1.42 -0.65 | 32.25 -1.56 -1.04 | 34.13 -2.17 -2.58 | 36.02 -3.03 0.00 | 40.54 -3.04 -0.20 | 49.08 -3.11 -2.87 | 47.55 -3.24 1.28 | 23.43 -2.57 21.02 | 24.05 -3.26 15.83 | 21.89 -2.74 14.00 | 15.96 -2.42 21.01 | 54.38 -3.36 0.11 | 20.11 -3.15 20.69 | 31.85 -2.93 8.42 | 38.84 -3.10 1.69 | 32.88 -2.35 -2.58 | 26.30 -1.70 -6.05 | 24.93 -2.17 -4.38 | 31.85 -3.28 -0.58 | 26.41 -2.76 -1.87 |
| OLIN_CORP_DSASP 323712 | 30.60 -0.99 -1.09 | 30.27 -1.04 -0.68 | 30.69 -1.02 -0.31 | 31.49 -1.29 -0.12 | 31.50 -1.44 -0.64 | 32.22 -1.58 -1.03 | 34.07 -2.19 -2.54 | 36.04 -3.01 0.00 | 40.54 -2.98 -0.13 | 52.84 -3.10 -6.62 | 58.69 -3.22 -9.83 | 53.03 -2.59 -8.60 | 45.67 -3.24 -5.77 | 41.58 -2.77 -5.73 | 44.64 -2.45 -7.70 | 81.14 -3.44 -26.73 | 48.34 -3.23 -7.62 | 44.87 -2.89 -4.57 | 43.24 -3.05 -2.67 | 32.90 -2.29 -2.55 | 26.30 -1.68 -6.03 | 24.93 -2.14 -4.35 | 31.89 -3.23 -0.57 | 26.43 -2.72 -1.85 |
| ONEIDA_HERK_LFGE 323681 | 30.13 0.49 0.86 | 30.57 0.48 0.54 | 31.68 0.53 0.25 | 33.11 0.55 0.10 | 32.43 0.63 0.51 | 32.73 0.77 0.81 | 32.77 1.06 2.00 | 40.32 1.27 0.00 | 44.94 1.55 0.00 | 51.06 1.74 0.00 | 53.92 1.85 0.00 | 48.83 1.82 0.01 | 43.66 1.59 1.07 | 36.84 1.15 2.94 | 38.39 0.91 1.91 | 59.26 1.41 0.00 | 45.31 1.12 -0.24 | 43.99 1.18 0.38 | 43.64 1.29 1.27 | 31.58 0.95 2.02 | 17.79 0.61 4.77 | 21.96 0.59 1.35 | 35.18 0.72 0.09 | 28.03 0.43 -0.31 |
| ONONDAGA_REF_OCCRA 23987 | 31.30 0.12 -0.68 | 31.11 0.06 -0.42 | 31.63 0.04 -0.19 | 32.75 0.02 -0.07 | 32.74 0.04 -0.40 | 33.49 0.08 -0.64 | 35.49 0.20 -1.57 | 39.27 0.22 0.00 | 43.75 0.36 0.00 | 49.74 0.42 0.00 | 52.54 0.47 0.00 | 47.62 0.60 0.00 | 43.67 0.40 -0.13 | 39.21 0.36 -0.23 | 41.01 0.36 -1.25 | 58.38 0.52 0.00 | 44.90 0.39 -0.56 | 43.88 0.38 -0.30 | 45.06 0.44 -1.00 | 34.54 0.32 -1.58 | 25.85 0.18 -3.73 | 25.79 0.10 -2.97 | 35.02 -0.01 -0.47 | 28.85 -0.03 -1.59 |
| ONONDAGA___COGEN 23986 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| ONTARIO___LFGE 23819 | 32.16 0.65 -1.01 | 31.83 0.57 -0.63 | 32.28 0.59 -0.29 | 33.34 0.57 -0.11 | 33.50 0.61 -0.60 | 34.45 0.72 -0.96 | 36.93 0.85 -2.36 | 39.90 0.85 0.00 | 44.54 1.15 0.00 | 50.69 1.37 0.00 | 53.60 1.53 0.00 | 48.71 1.69 0.00 | 44.47 1.13 -0.20 | 39.93 0.96 -0.35 | 42.12 0.95 -1.77 | 59.31 1.46 -0.01 | 45.76 1.12 -0.68 | 45.01 1.36 -0.45 | 46.62 1.49 -1.50 | 36.11 1.09 -2.37 | 28.15 0.61 -5.60 | 27.19 0.39 -4.08 | 35.49 0.31 -0.63 | 29.47 0.16 -2.02 |
| ORANGEVILLE_WT_PWR 323706 | 31.23 -0.59 -1.33 | 30.81 -0.65 -0.83 | 31.29 -0.48 -0.38 | 32.18 -0.63 -0.15 | 32.45 -0.62 -0.78 | 33.44 -0.59 -1.25 | 36.16 -0.63 -3.08 | 37.90 -1.15 0.00 | 42.60 -0.83 -0.04 | 51.78 -0.67 -3.13 | 56.84 -0.53 -5.30 | 53.99 -0.11 -7.08 | 47.27 -1.00 -5.13 | 44.37 -0.99 -6.73 | 57.12 -0.61 -18.34 | 81.98 -0.40 -24.53 | 49.99 -1.03 -7.07 | 46.25 -0.76 -3.81 | 45.66 -0.88 -2.92 | 35.07 -0.66 -3.09 | 28.63 -0.61 -7.30 | 26.83 -1.10 -5.20 | 33.44 -1.86 -0.74 | 28.04 -1.62 -2.37 |
| ORANGEVILLE___ESR 323794 | 31.23 -0.59 -1.33 | 30.81 -0.65 -0.83 | 31.29 -0.48 -0.38 | 32.18 -0.63 -0.15 | 32.45 -0.62 -0.78 | 33.44 -0.59 -1.25 | 36.16 -0.63 -3.08 | 37.90 -1.15 0.00 | 42.60 -0.83 -0.04 | 51.78 -0.67 -3.13 | 56.84 -0.53 -5.30 | 53.99 -0.11 -7.08 | 47.27 -1.00 -5.13 | 44.37 -0.99 -6.73 | 57.12 -0.61 -18.34 | 81.98 -0.40 -24.53 | 49.99 -1.03 -7.07 | 46.25 -0.76 -3.81 | 45.66 -0.88 -2.92 | 35.07 -0.66 -3.09 | 28.63 -0.61 -7.30 | 26.83 -1.10 -5.20 | 33.44 -1.86 -0.74 | 28.04 -1.62 -2.37 |
| OSWEGATCHIE___HYD 24044 | 29.92 -0.58 0.00 | 30.18 -0.44 0.00 | 31.00 -0.40 0.00 | 32.27 -0.39 0.00 | 31.98 -0.32 0.00 | 32.55 -0.23 0.00 | 33.69 -0.03 0.00 | 39.08 0.03 0.00 | 43.43 0.04 0.00 | 49.48 0.16 0.00 | 52.33 0.26 0.00 | 47.08 0.10 0.04 | 38.71 0.01 4.44 | 25.15 -0.43 13.04 | 33.78 -0.75 4.87 | 56.98 -0.87 0.00 | 43.53 -0.62 -0.20 | 42.56 -0.63 0.00 | 43.08 -0.54 0.00 | 32.21 -0.43 0.00 | 21.69 -0.26 0.00 | 23.02 -0.13 0.00 | 34.37 -0.18 0.00 | 26.95 -0.35 0.00 |
| OSWEGO___5 23606 | 30.05 -0.45 0.00 | 30.16 -0.46 0.00 | 30.90 -0.50 0.00 | 32.12 -0.54 0.00 | 31.77 -0.53 0.00 | 32.25 -0.53 0.00 | 33.18 -0.54 0.00 | 38.37 -0.68 0.00 | 42.72 -0.67 0.00 | 48.57 -0.75 0.00 | 51.30 -0.77 0.00 | 46.42 -0.60 0.00 | 42.49 -0.65 0.00 | 38.04 -0.58 0.00 | 39.09 -0.58 -0.27 | 56.99 -0.85 0.00 | 43.66 -0.66 -0.37 | 42.60 -0.60 0.00 | 43.06 -0.56 0.00 | 32.20 -0.44 0.00 | 21.63 -0.31 0.00 | 23.35 -0.36 -0.99 | 34.14 -0.66 -0.25 | 27.92 -0.52 -1.14 |
| OSWEGO___6 23613 | 30.05 -0.45 0.00 | 30.16 -0.46 0.00 | 30.90 -0.50 0.00 | 32.12 -0.54 0.00 | 31.77 -0.53 0.00 | 32.25 -0.53 0.00 | 33.18 -0.54 0.00 | 38.37 -0.68 0.00 | 42.72 -0.67 0.00 | 48.57 -0.75 0.00 | 51.30 -0.77 0.00 | 46.42 -0.60 0.00 | 42.49 -0.65 0.00 | 38.04 -0.58 0.00 | 39.09 -0.58 -0.27 | 56.99 -0.85 0.00 | 43.66 -0.66 -0.37 | 42.60 -0.60 0.00 | 43.06 -0.56 0.00 | 32.20 -0.44 0.00 | 21.63 -0.31 0.00 | 23.35 -0.36 -0.99 | 34.14 -0.66 -0.25 | 27.92 -0.52 -1.14 |
| OUTOKUMPU-AB___DRP 24206 | 31.28 -0.33 -1.11 | 30.94 -0.38 -0.69 | 31.39 -0.32 -0.31 | 32.22 -0.57 -0.12 | 32.27 -0.68 -0.65 | 33.08 -0.74 -1.04 | 35.07 -1.22 -2.57 | 37.15 -1.90 0.00 | 41.76 -1.68 -0.05 | 50.31 -1.57 -2.57 | 54.40 -1.56 -3.88 | 49.64 -1.08 -3.70 | 43.91 -1.87 -2.64 | 40.80 -1.51 -3.69 | 46.33 -1.17 -8.11 | 69.82 -1.57 -13.54 | 45.87 -1.84 -3.76 | 43.86 -1.56 -2.23 | 44.00 -1.71 -2.10 | 33.93 -1.30 -2.58 | 27.03 -1.01 -6.09 | 25.62 -1.50 -4.39 | 32.84 -2.30 -0.58 | 27.18 -2.00 -1.89 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OXBOW____ 24026 | 30.98 -0.62 -1.10 | 30.65 -0.67 -0.69 | 31.08 -0.62 -0.31 | 31.89 -0.89 -0.12 | 31.94 -1.01 -0.64 | 32.70 -1.11 -1.04 | 34.63 -1.65 -2.56 | 36.66 -2.38 0.00 | 41.23 -2.25 -0.09 | 51.82 -2.25 -4.75 | 56.84 -2.28 -7.05 | 51.44 -1.74 -6.16 | 44.86 -2.07 -4.70 | 41.25 -1.72 -7.88 | 45.55 -2.40 -19.93 | 75.37 -2.45 -5.67 | 47.17 -2.13 -3.42 | 44.48 -2.29 -2.38 | 43.71 -1.72 -2.56 | 33.49 -1.30 -6.06 | 26.70 -1.78 -4.37 | 25.32 -2.71 -0.58 | 32.42 -2.71 -1.87 | 26.85 -2.32 -1.87 |
| OXY_CHEM_DSASP 323612 | 30.60 -0.99 -1.09 | 30.27 -1.04 -0.68 | 30.69 -1.02 -0.31 | 31.49 -1.29 -0.12 | 31.50 -1.44 -0.64 | 32.22 -1.58 -1.03 | 34.07 -2.19 -2.54 | 36.04 -3.01 0.00 | 40.54 -2.98 -0.13 | 52.84 -3.10 -6.62 | 58.69 -3.22 -9.83 | 53.03 -2.59 -8.60 | 45.67 -3.24 -5.77 | 41.58 -2.77 -5.73 | 44.64 -2.45 -7.70 | 81.14 -3.44 -26.73 | 48.34 -3.23 -7.62 | 44.87 -2.89 -4.57 | 43.24 -3.05 -2.67 | 32.90 -2.29 -2.55 | 26.30 -1.68 -6.03 | 24.93 -2.14 -4.35 | 31.89 -3.23 -0.57 | 26.43 -2.72 -1.85 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 30.60 -0.99 -1.09 | 30.27 -1.04 -0.68 | 30.69 -1.02 -0.31 | 31.49 -1.29 -0.12 | 31.50 -1.44 -0.64 | 32.22 -1.58 -1.03 | 34.07 -2.19 -2.54 | 36.04 -3.01 0.00 | 40.54 -2.98 -0.13 | 52.84 -3.10 -6.62 | 58.69 -3.22 -9.83 | 53.03 -2.59 -8.60 | 45.67 -3.24 -5.77 | 41.58 -2.77 -5.73 | 44.64 -2.45 -7.70 | 81.14 -3.44 -26.73 | 48.34 -3.23 -7.62 | 44.87 -2.89 -4.57 | 43.24 -3.05 -2.67 | 32.90 -2.29 -2.55 | 26.30 -1.68 -6.03 | 24.93 -2.14 -4.35 | 31.89 -3.23 -0.57 | 26.43 -2.72 -1.85 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 40.52 2.99 -7.03 | 37.85 2.83 -4.39 | 36.18 2.79 -1.99 | 36.43 2.97 -0.79 | 39.42 3.00 -4.13 | 42.65 3.25 -6.63 | 53.46 3.40 -16.34 | 43.07 4.02 0.00 | 47.87 4.48 0.00 | 54.27 4.95 0.00 | 57.32 5.25 0.00 | 52.06 5.04 0.00 | 49.11 4.57 -1.40 | 45.50 4.30 -2.58 | 59.46 4.48 -15.58 | 69.75 6.39 -5.51 | 58.05 4.93 -9.16 | 56.78 4.75 -8.84 | 81.54 4.67 -33.25 | 59.30 3.56 -23.09 | 63.31 2.35 -39.02 | 49.40 2.40 -24.28 | 41.98 3.47 -3.96 | 41.97 2.64 -12.04 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 41.07 3.54 -7.03 | 38.45 3.43 -4.39 | 36.82 3.43 -1.99 | 37.19 3.74 -0.79 | 40.20 3.78 -4.13 | 43.48 4.07 -6.63 | 54.36 4.31 -16.34 | 43.78 4.74 0.00 | 48.84 5.45 0.00 | 55.32 6.00 0.00 | 58.34 6.27 0.00 | 52.93 5.91 0.00 | 49.84 5.30 -1.40 | 46.15 4.95 -2.58 | 60.08 5.10 -15.58 | 70.75 7.40 -5.51 | 58.79 5.68 -9.16 | 57.52 5.48 -8.84 | 82.28 5.41 -33.25 | 59.84 4.10 -23.09 | 63.65 2.69 -39.02 | 49.77 2.77 -24.28 | 42.58 4.07 -3.96 | 42.44 3.11 -12.04 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 32.02 0.34 -1.18 | 31.56 0.20 -0.74 | 32.02 0.29 -0.34 | 32.90 0.10 -0.13 | 33.14 0.15 -0.69 | 34.05 0.16 -1.12 | 36.32 -0.15 -2.75 | 38.52 -0.53 0.00 | 43.69 0.05 -0.25 | 67.45 0.39 -17.74 | 83.17 0.40 -30.70 | 90.56 0.71 -42.83 | 72.73 -0.27 -29.86 | 69.27 -0.07 -30.72 | 101.09 0.36 -61.33 | 153.68 0.59 -95.24 | 82.45 -0.27 -38.77 | 63.10 -0.08 -19.98 | 51.04 -0.19 -7.61 | 35.29 -0.11 -2.76 | 28.24 -0.22 -6.52 | 26.69 -0.70 -4.67 | 33.99 -1.20 -0.64 | 28.29 -1.06 -2.05 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 40.59 2.84 -7.26 | 37.83 2.67 -4.53 | 36.11 2.65 -2.06 | 36.13 2.65 -0.82 | 39.25 2.69 -4.26 | 42.52 2.90 -6.84 | 53.66 3.08 -16.86 | 42.79 3.74 0.00 | 47.59 4.20 0.00 | 53.97 4.66 0.00 | 56.99 4.92 0.00 | 51.74 4.72 0.00 | 48.91 4.33 -1.44 | 45.25 4.11 -2.52 | 55.39 4.36 -11.64 | 64.53 6.19 -0.48 | 55.17 4.85 -6.37 | 56.72 4.76 -8.77 | 81.30 4.80 -32.88 | 59.67 3.61 -23.41 | 64.54 2.36 -40.24 | 49.92 2.37 -24.83 | 41.98 3.39 -4.04 | 42.08 2.58 -12.21 |
| PEEKSKILL____ 23653 | 40.05 2.62 -6.93 | 37.41 2.46 -4.33 | 35.78 2.42 -1.97 | 35.85 2.41 -0.78 | 38.82 2.45 -4.07 | 41.96 2.65 -6.54 | 52.58 2.75 -16.11 | 42.37 3.32 0.00 | 47.11 3.72 0.00 | 53.45 4.13 0.00 | 56.50 4.42 0.00 | 51.31 4.30 0.00 | 48.45 3.93 -1.38 | 44.68 3.74 -2.31 | 52.86 3.96 -9.50 | 61.89 5.60 1.55 | 53.58 4.36 -5.27 | 56.11 4.25 -8.66 | 80.41 4.24 -32.55 | 58.57 3.23 -22.70 | 62.53 2.11 -38.47 | 48.85 2.14 -24.00 | 41.53 3.07 -3.91 | 41.53 2.36 -11.88 |
| PGE MADISON____WINDPWR 24146 | 35.26 2.09 -2.67 | 34.29 1.99 -1.67 | 34.24 2.09 -0.76 | 35.08 2.12 -0.30 | 36.08 2.22 -1.57 | 37.73 2.43 -2.52 | 42.84 2.91 -6.20 | 42.58 3.53 0.00 | 47.52 4.13 0.00 | 53.75 4.44 0.00 | 56.81 4.74 0.00 | 51.19 4.17 0.00 | 47.46 3.79 -0.53 | 43.13 3.42 -1.09 | 47.55 2.98 -5.17 | 63.07 4.27 -0.96 | 48.85 3.46 -1.44 | 48.12 3.74 -1.19 | 51.67 4.11 -3.94 | 41.86 2.98 -6.23 | 38.59 1.94 -14.71 | 33.95 1.50 -9.72 | 37.98 2.08 -1.34 | 32.61 1.45 -3.87 |
| PIERCEFIELD____HYD 23852 | 29.05 -0.90 0.54 | 29.65 -0.64 0.34 | 30.59 -0.65 0.15 | 31.97 -0.63 0.06 | 31.37 -0.61 0.32 | 31.65 -0.61 0.52 | 31.87 -0.58 1.27 | 38.52 -0.53 0.00 | 42.63 -0.75 0.00 | 48.68 -0.63 0.00 | 51.44 -0.63 0.00 | 45.96 -1.00 0.06 | 35.41 -1.09 6.63 | 18.01 -1.23 19.38 | 30.03 -1.39 7.98 | 56.05 -1.79 0.00 | 42.72 -1.34 -0.11 | 41.63 -1.32 0.24 | 41.49 -1.32 0.81 | 30.34 -1.02 1.28 | 18.29 -0.63 3.02 | 21.30 -0.43 0.99 | 34.03 -0.42 0.10 | 26.86 -0.43 0.00 |
| PINELAWN_CC_1 323563 | 41.33 3.79 -7.05 | 38.64 3.61 -4.40 | 36.91 3.52 -2.00 | 36.94 3.48 -0.79 | 39.99 3.56 -4.14 | 43.23 3.80 -6.65 | 53.87 3.77 -16.38 | 44.06 5.02 0.00 | 48.73 5.34 0.00 | 55.02 5.71 0.00 | 58.21 6.14 0.00 | 53.01 5.99 0.00 | 50.06 5.52 -1.40 | 46.32 5.04 -2.65 | 59.28 5.00 -14.89 | 69.64 7.14 -4.66 | 58.42 5.76 -8.71 | 57.94 5.87 -8.87 | 85.85 5.97 -36.26 | 74.16 4.47 -37.04 | 68.94 2.84 -44.16 | 51.73 3.03 -25.98 | 43.06 4.54 -3.97 | 44.33 3.54 -13.50 |
| PJM_GEN_HTP_PROXY 323702 | 40.44 2.93 -7.02 | 37.77 2.76 -4.38 | 36.10 2.71 -1.99 | 36.20 2.75 -0.79 | 39.19 2.78 -4.12 | 42.40 3.01 -6.62 | 53.17 3.14 -16.31 | 42.89 3.84 0.00 | 47.71 4.33 0.00 | 54.15 4.83 0.00 | 57.24 5.17 0.00 | 52.04 5.02 0.00 | 49.13 4.60 -1.40 | 45.68 4.34 -2.72 | 60.14 4.56 -16.18 | 70.55 6.46 -6.24 | 58.49 5.01 -9.54 | 56.48 4.84 -8.44 | 81.55 4.78 -33.15 | 59.29 3.60 -23.04 | 63.22 2.38 -38.90 | 49.36 2.40 -24.24 | 41.95 3.44 -3.95 | 41.65 2.64 -11.72 |
| PJM_GEN_KEystone 24065 | 35.61 1.15 -3.96 | 34.09 0.99 -2.47 | 33.52 1.01 -1.12 | 34.03 0.92 -0.45 | 35.59 0.97 -2.33 | 37.60 1.08 -3.74 | 43.87 0.94 -9.21 | 40.00 0.96 0.00 | 44.82 1.41 -0.02 | 52.54 1.70 -1.52 | 56.40 1.80 -2.53 | 52.16 1.91 -3.23 | 47.43 1.29 -2.99 | 43.67 1.39 -3.66 | 52.12 1.69 -11.04 | 68.03 2.34 -7.85 | 51.62 1.50 -6.17 | 50.22 1.51 -5.51 | 61.96 1.47 -16.86 | 46.15 1.17 -12.34 | 44.56 0.70 -21.91 | 37.29 0.50 -14.07 | 37.38 0.61 -2.22 | 34.25 0.45 -6.51 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 40.89 3.34 -7.05 | 38.20 3.18 -4.40 | 36.48 3.09 -2.00 | 36.52 3.06 -0.79 | 39.57 3.13 -4.14 | 42.79 3.37 -6.65 | 53.45 3.36 -16.38 | 43.45 4.40 0.00 | 48.11 4.72 0.00 | 54.41 5.09 0.00 | 57.58 5.51 0.00 | 52.43 5.42 0.00 | 49.55 5.01 -1.40 | 45.87 4.59 -2.65 | 58.86 4.57 -14.89 | 69.00 6.49 -4.66 | 57.87 5.20 -8.71 | 56.93 5.23 -8.50 | 82.29 5.30 -33.37 | 61.02 3.97 -24.41 | 63.54 2.53 -39.07 | 50.82 2.69 -25.40 | 42.53 4.01 -3.97 | 43.70 3.12 -13.29 |
| PJM_GEN_VFT_PROXY 323633 | 40.34 2.81 -7.02 | 37.66 2.64 -4.39 | 35.97 2.58 -1.99 | 36.09 2.64 -0.79 | 39.10 2.68 -4.12 | 42.34 2.94 -6.62 | 53.08 3.04 -16.32 | 42.76 3.72 0.00 | 47.56 4.17 0.00 | 53.97 4.66 0.00 | 57.06 4.98 0.00 | 51.88 4.86 0.00 | 48.98 4.44 -1.40 | 45.53 4.20 -2.71 | 59.74 4.41 -15.93 | 70.01 6.23 -5.93 | 58.21 4.88 -9.38 | 56.34 4.69 -8.45 | 81.45 4.64 -33.19 | 59.23 3.53 -23.06 | 63.20 2.32 -38.93 | 49.34 2.36 -24.26 | 41.90 3.40 -3.95 | 41.63 2.61 -11.73 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| PLEASANTVLY___LBMP 24000 | 40.24 2.39 -7.35 | 37.47 2.25 -4.59 | 35.72 2.24 -2.08 | 35.73 2.24 -0.83 | 38.87 2.26 -4.31 | 42.13 2.42 -6.93 | 53.32 2.54 -17.07 | 42.12 3.07 0.00 | 46.81 3.42 0.00 | 53.09 3.77 0.00 | 56.07 4.00 0.00 | 50.90 3.88 0.00 | 48.20 3.60 -1.46 | 44.57 3.40 -2.55 | 54.65 3.61 -11.64 | 63.27 5.10 -0.32 | 54.64 4.00 -6.70 | 56.56 3.90 -9.47 | 83.18 3.90 -35.66 | 59.99 2.95 -24.39 | 64.64 1.93 -40.78 | 49.86 1.95 -25.20 | 41.50 2.81 -4.13 | 42.00 2.14 -12.57 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 40.34 2.76 -7.09 | 37.66 2.60 -4.43 | 35.97 2.56 -2.01 | 36.04 2.58 -0.80 | 39.08 2.62 -4.16 | 42.30 2.84 -6.69 | 53.14 2.95 -16.47 | 42.65 3.60 0.00 | 47.43 4.04 0.00 | 53.79 4.47 0.00 | 56.84 4.76 0.00 | 51.63 4.61 0.00 | 48.78 4.24 -1.41 | 45.23 4.00 -2.60 | 57.42 4.20 -13.83 | 67.14 5.96 -3.33 | 56.63 4.64 -8.04 | 56.67 4.52 -8.95 | 81.79 4.53 -33.64 | 59.38 3.41 -23.31 | 63.52 2.24 -39.34 | 49.45 2.28 -24.44 | 41.82 3.28 -3.99 | 41.93 2.50 -12.13 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 40.72 2.63 -7.60 | 37.85 2.48 -4.74 | 36.02 2.47 -2.16 | 36.01 2.49 -0.85 | 39.26 2.51 -4.46 | 42.65 2.71 -7.17 | 54.22 2.85 -17.65 | 42.51 3.47 0.00 | 47.26 3.87 0.00 | 53.57 4.26 0.00 | 56.51 4.44 0.00 | 51.27 4.25 0.00 | 48.55 3.91 -1.51 | 44.96 3.71 -2.63 | 55.31 3.96 -11.95 | 63.82 5.64 -0.33 | 54.52 4.45 -6.11 | 56.18 4.40 -8.58 | 80.10 4.46 -32.02 | 59.82 3.35 -23.82 | 66.29 2.19 -42.16 | 50.61 2.19 -25.69 | 41.86 3.14 -4.16 | 42.14 2.37 -12.48 |
| POLETTI____ 23519 | 40.49 2.97 -7.02 | 37.81 2.80 -4.39 | 36.14 2.76 -1.99 | 36.27 2.82 -0.79 | 39.27 2.85 -4.12 | 42.50 3.10 -6.62 | 53.27 3.23 -16.32 | 42.98 3.94 0.00 | 47.82 4.43 0.00 | 54.26 4.95 0.00 | 57.36 5.29 0.00 | 52.14 5.12 0.00 | 49.21 4.67 -1.40 | 45.73 4.41 -2.71 | 59.95 4.62 -15.93 | 70.34 6.55 -5.93 | 58.43 5.10 -9.38 | 56.93 4.91 -8.83 | 81.67 4.86 -33.19 | 59.37 3.67 -23.06 | 63.34 2.42 -38.97 | 49.44 2.47 -24.26 | 42.05 3.54 -3.95 | 42.03 2.72 -12.02 |
| PORT_JEFF_3 23555 | 41.42 3.87 -7.05 | 38.76 3.73 -4.40 | 37.02 3.63 -2.00 | 37.06 3.60 -0.79 | 40.12 3.68 -4.14 | 43.29 3.86 -6.65 | 53.85 3.75 -16.38 | 44.02 4.97 0.00 | 48.60 5.21 0.00 | 54.79 5.47 0.00 | 58.16 6.09 0.00 | 53.19 6.17 0.00 | 50.24 5.70 -1.40 | 46.45 5.17 -2.65 | 59.26 4.97 -14.89 | 69.46 6.95 -4.66 | 58.24 5.57 -8.71 | 57.86 5.80 -8.87 | 145.70 5.91 -96.17 | 335.97 4.39 -298.93 | 173.48 2.75 -148.79 | 63.64 2.96 -37.96 | 43.08 4.56 -3.97 | 44.50 3.62 -13.59 |
| PORT_JEFF_4 23616 | 41.42 3.87 -7.05 | 38.76 3.73 -4.40 | 37.02 3.63 -2.00 | 37.06 3.60 -0.79 | 40.12 3.68 -4.14 | 43.29 3.86 -6.65 | 53.85 3.75 -16.38 | 44.02 4.97 0.00 | 48.60 5.21 0.00 | 54.79 5.47 0.00 | 58.16 6.09 0.00 | 53.19 6.17 0.00 | 50.24 5.70 -1.40 | 46.45 5.17 -2.65 | 59.26 4.97 -14.89 | 69.46 6.95 -4.66 | 58.24 5.57 -8.71 | 57.86 5.80 -8.87 | 145.70 5.91 -96.17 | 335.97 4.39 -298.93 | 173.48 2.75 -148.79 | 63.64 2.96 -37.96 | 43.08 4.56 -3.97 | 44.50 3.62 -13.59 |
| PORT_JEFF_IC 23713 | 41.46 3.91 -7.05 | 38.80 3.77 -4.40 | 37.06 3.66 -2.00 | 37.09 3.64 -0.79 | 40.15 3.72 -4.14 | 43.34 3.91 -6.65 | 53.92 3.83 -16.38 | 44.11 5.07 0.00 | 48.72 5.33 0.00 | 54.91 5.59 0.00 | 58.27 6.20 0.00 | 53.26 6.24 0.00 | 50.31 5.77 -1.40 | 46.50 5.23 -2.65 | 59.33 5.05 -14.89 | 69.61 7.11 -4.66 | 58.37 5.70 -8.71 | 58.02 5.95 -8.87 | 149.66 6.05 -99.99 | 352.77 4.50 -315.62 | 180.23 2.82 -155.46 | 64.47 3.03 -38.72 | 43.17 4.65 -3.97 | 44.56 3.67 -13.59 |
| PPL PILGRIM_ST_GT1 24216 | 41.52 3.97 -7.05 | 38.79 3.76 -4.40 | 37.08 3.68 -2.00 | 37.09 3.64 -0.79 | 40.15 3.71 -4.14 | 43.39 3.97 -6.65 | 54.02 3.93 -16.38 | 44.29 5.24 0.00 | 48.94 5.55 0.00 | 55.26 5.94 0.00 | 58.47 6.40 0.00 | 53.31 6.29 0.00 | 50.34 5.80 -1.40 | 46.55 5.27 -2.65 | 59.46 5.18 -14.89 | 69.89 7.38 -4.66 | 58.67 6.01 -8.71 | 58.07 6.00 -8.87 | 89.42 6.09 -39.71 | 89.36 4.57 -52.14 | 75.08 2.95 -50.19 | 52.52 3.13 -26.67 | 43.25 4.73 -3.97 | 44.52 3.68 -13.54 |
| PPL PILGRIM_ST_GT2 24217 | 41.52 3.97 -7.05 | 38.79 3.76 -4.40 | 37.08 3.68 -2.00 | 37.09 3.64 -0.79 | 40.15 3.71 -4.14 | 43.39 3.97 -6.65 | 54.02 3.93 -16.38 | 44.29 5.24 0.00 | 48.94 5.55 0.00 | 55.26 5.94 0.00 | 58.47 6.40 0.00 | 53.31 6.29 0.00 | 50.34 5.80 -1.40 | 46.55 5.27 -2.65 | 59.46 5.18 -14.89 | 69.89 7.38 -4.66 | 58.67 6.01 -8.71 | 58.07 6.00 -8.87 | 89.42 6.09 -39.71 | 89.36 4.57 -52.14 | 75.08 2.95 -50.19 | 52.52 3.13 -26.67 | 43.25 4.73 -3.97 | 44.52 3.68 -13.54 |
| PPL_SHRM_GT3 24213 | 41.39 3.85 -7.05 | 38.71 3.68 -4.40 | 36.96 3.56 -2.00 | 36.99 3.54 -0.79 | 40.06 3.62 -4.14 | 43.29 3.86 -6.65 | 53.94 3.84 -16.38 | 44.17 5.12 0.00 | 48.79 5.40 0.00 | 54.71 5.39 0.00 | 57.98 5.90 0.00 | 52.88 5.86 0.00 | 49.97 5.43 -1.40 | 46.27 4.99 -2.65 | 59.18 4.89 -14.89 | 69.47 6.97 -4.66 | 58.18 5.52 -8.71 | 57.94 5.87 -8.87 | 145.35 5.92 -95.81 | 334.39 4.40 -297.35 | 172.86 2.76 -148.16 | 63.61 3.00 -37.89 | 43.15 4.62 -3.97 | 44.50 3.61 -13.59 |
| PPL_SHRM_GT4 24214 | 41.39 3.85 -7.05 | 38.71 3.68 -4.40 | 36.96 3.56 -2.00 | 36.99 3.54 -0.79 | 40.06 3.62 -4.14 | 43.29 3.86 -6.65 | 53.94 3.84 -16.38 | 44.17 5.12 0.00 | 48.79 5.40 0.00 | 54.71 5.39 0.00 | 57.98 5.90 0.00 | 52.88 5.86 0.00 | 49.97 5.43 -1.40 | 46.27 4.99 -2.65 | 59.18 4.89 -14.89 | 69.47 6.97 -4.66 | 58.18 5.52 -8.71 | 57.94 5.87 -8.87 | 145.35 5.92 -95.81 | 334.39 4.40 -297.35 | 172.86 2.76 -148.16 | 63.61 3.00 -37.89 | 43.15 4.62 -3.97 | 44.50 3.61 -13.59 |
| PROJECT___ORANGE 1 24174 | 30.44 -0.06 0.00 | 30.52 -0.10 0.00 | 31.26 -0.13 0.00 | 32.49 -0.17 0.00 | 32.15 -0.15 0.00 | 32.65 -0.12 0.00 | 33.70 -0.01 0.00 | 39.03 -0.02 0.00 | 43.47 0.08 0.00 | 49.46 0.14 0.00 | 52.26 0.18 0.00 | 47.35 0.33 0.00 | 43.29 0.15 0.00 | 38.76 0.13 0.00 | 39.90 0.16 -0.34 | 58.08 0.23 0.00 | 44.57 0.15 -0.46 | 43.28 0.09 0.00 | 43.76 0.13 0.00 | 32.72 0.08 0.00 | 21.97 0.02 0.00 | 23.88 -0.05 -1.21 | 34.60 -0.24 -0.29 | 28.43 -0.21 -1.34 |
| PROJECT___ORANGE 2 24166 | 30.44 -0.06 0.00 | 30.52 -0.10 0.00 | 31.26 -0.13 0.00 | 32.49 -0.17 0.00 | 32.15 -0.15 0.00 | 32.65 -0.12 0.00 | 33.70 -0.01 0.00 | 39.03 -0.02 0.00 | 43.47 0.08 0.00 | 49.46 0.14 0.00 | 52.26 0.18 0.00 | 47.35 0.33 0.00 | 43.29 0.15 0.00 | 38.76 0.13 0.00 | 39.90 0.16 -0.34 | 58.08 0.23 0.00 | 44.57 0.15 -0.46 | 43.28 0.09 0.00 | 43.76 0.13 0.00 | 32.72 0.08 0.00 | 21.97 0.02 0.00 | 23.88 -0.05 -1.21 | 34.60 -0.24 -0.29 | 28.43 -0.21 -1.34 |
| PYRITES___HYD 24023 | 29.33 -0.63 0.55 | 29.93 -0.36 0.34 | 30.85 -0.39 0.16 | 32.24 -0.36 0.06 | 31.64 -0.34 0.32 | 31.91 -0.35 0.52 | 32.17 -0.26 1.28 | 38.92 -0.13 0.00 | 43.07 -0.32 0.00 | 49.21 -0.10 0.00 | 52.05 -0.02 0.00 | 46.47 -0.49 0.06 | 35.71 -0.62 6.81 | 17.92 -0.80 19.90 | 30.31 -0.89 8.19 | 56.73 -1.11 0.00 | 43.24 -0.81 -0.10 | 42.18 -0.77 0.24 | 42.02 -0.79 0.81 | 30.73 -0.63 1.29 | 18.53 -0.37 3.05 | 21.51 -0.20 1.01 | 34.37 -0.08 0.10 | 27.15 -0.15 0.00 |
| RAMAPO___LBMP 323565 | 39.67 2.45 -6.73 | 37.13 2.30 -4.20 | 35.56 2.25 -1.91 | 35.66 2.24 -0.76 | 38.54 2.29 -3.95 | 41.61 2.49 -6.35 | 51.92 2.57 -15.63 | 42.11 3.06 0.00 | 46.80 3.41 0.00 | 53.10 3.78 0.00 | 56.13 4.05 0.00 | 50.96 3.94 0.00 | 48.06 3.59 -1.34 | 44.32 3.43 -2.27 | 52.67 3.66 -9.62 | 61.91 5.13 1.07 | 53.28 4.01 -5.32 | 55.36 3.90 -8.26 | 78.56 3.91 -31.02 | 57.50 2.99 -21.86 | 61.22 1.97 -37.31 | 48.11 1.99 -23.39 | 41.20 2.85 -3.79 | 41.03 2.21 -11.53 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|--------|
| RANKINE_____ | 31.54 | 31.14 | 31.60 | 32.45 | 32.60 | 33.46 | 35.65 | 37.72 | 42.58 | 55.64 | 63.25 | 62.29 | 52.88 | 50.78 | 70.69 | 106.56 | 57.22 | 49.93 | 46.43 | 34.61 | 27.71 | 26.20 | 33.33 | 27.71 |
| 23646 | -0.12 | -0.21 | -0.12 | -0.34 | -0.38 | -0.42 | -0.78 | -1.33 | -0.92 | -0.71 | -0.66 | -0.26 | -1.15 | -0.89 | -0.51 | -0.54 | -1.12 | -0.87 | -1.02 | -0.75 | -0.66 | -1.14 | -1.85 | -1.62 |
| | -1.17 | -0.73 | -0.33 | -0.13 | -0.68 | -1.10 | -2.72 | 0.00 | -0.11 | -7.04 | -11.84 | -15.53 | -10.89 | -13.04 | -31.79 | -49.25 | -14.39 | -7.61 | -3.83 | -2.72 | -6.42 | -4.61 | -0.63 | -2.03 |
| RAVENSWOOD_GT2_1 | 40.49 | 37.81 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.79 | 54.22 | 57.31 | 52.09 | 49.18 | 45.69 | 59.57 | 69.86 | 58.17 | 56.92 | 81.71 | 59.40 | 63.37 | 49.45 | 42.04 | 42.03 |
| 24244 | 2.96 | 2.79 | 2.75 | 2.81 | 2.83 | 3.08 | 3.20 | 3.91 | 4.40 | 4.91 | 5.24 | 5.07 | 4.64 | 4.38 | 4.59 | 6.51 | 5.06 | 4.88 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT2_2 | 40.49 | 37.81 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.79 | 54.22 | 57.31 | 52.09 | 49.18 | 45.69 | 59.57 | 69.86 | 58.17 | 56.92 | 81.71 | 59.40 | 63.37 | 49.45 | 42.04 | 42.03 |
| 24245 | 2.96 | 2.79 | 2.75 | 2.81 | 2.83 | 3.08 | 3.20 | 3.91 | 4.40 | 4.91 | 5.24 | 5.07 | 4.64 | 4.38 | 4.59 | 6.51 | 5.06 | 4.88 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT2_3 | 40.49 | 37.82 | 36.15 | 36.27 | 39.27 | 42.49 | 53.27 | 42.97 | 47.80 | 54.24 | 57.33 | 52.11 | 49.20 | 45.71 | 59.59 | 69.89 | 58.17 | 56.94 | 81.72 | 59.40 | 63.38 | 49.46 | 42.05 | 42.05 |
| 24246 | 2.96 | 2.80 | 2.76 | 2.81 | 2.84 | 3.08 | 3.21 | 3.93 | 4.41 | 4.92 | 5.26 | 5.09 | 4.66 | 4.40 | 4.61 | 6.54 | 5.07 | 4.90 | 4.85 | 3.67 | 2.41 | 2.46 | 3.54 | 2.72 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT2_4 | 40.49 | 37.82 | 36.15 | 36.27 | 39.27 | 42.49 | 53.27 | 42.97 | 47.80 | 54.24 | 57.33 | 52.11 | 49.20 | 45.71 | 59.59 | 69.89 | 58.17 | 56.94 | 81.72 | 59.40 | 63.38 | 49.46 | 42.05 | 42.05 |
| 24247 | 2.96 | 2.80 | 2.76 | 2.81 | 2.84 | 3.08 | 3.21 | 3.93 | 4.41 | 4.92 | 5.26 | 5.09 | 4.66 | 4.40 | 4.61 | 6.54 | 5.07 | 4.90 | 4.85 | 3.67 | 2.41 | 2.46 | 3.54 | 2.72 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT3_1 | 40.49 | 37.82 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.80 | 54.24 | 57.32 | 52.11 | 49.19 | 45.70 | 59.57 | 69.87 | 58.17 | 56.93 | 81.71 | 59.40 | 63.38 | 49.46 | 42.04 | 42.03 |
| 24248 | 2.96 | 2.80 | 2.75 | 2.81 | 2.83 | 3.08 | 3.21 | 3.92 | 4.41 | 4.92 | 5.25 | 5.09 | 4.65 | 4.39 | 4.59 | 6.51 | 5.06 | 4.89 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT3_2 | 40.49 | 37.82 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.80 | 54.24 | 57.32 | 52.11 | 49.19 | 45.70 | 59.57 | 69.87 | 58.17 | 56.93 | 81.71 | 59.40 | 63.38 | 49.46 | 42.04 | 42.03 |
| 24249 | 2.96 | 2.80 | 2.75 | 2.81 | 2.83 | 3.08 | 3.21 | 3.92 | 4.41 | 4.92 | 5.25 | 5.09 | 4.65 | 4.39 | 4.59 | 6.51 | 5.06 | 4.89 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT3_3 | 40.55 | 37.86 | 36.20 | 36.32 | 39.32 | 42.55 | 53.33 | 43.05 | 47.89 | 54.34 | 57.44 | 52.21 | 49.29 | 45.79 | 59.67 | 70.01 | 58.28 | 57.03 | 81.81 | 59.47 | 63.42 | 49.51 | 42.12 | 42.09 |
| 24250 | 3.02 | 2.85 | 2.81 | 2.87 | 2.89 | 3.14 | 3.27 | 4.00 | 4.50 | 5.02 | 5.37 | 5.19 | 4.76 | 4.48 | 4.69 | 6.66 | 5.17 | 4.99 | 4.94 | 3.73 | 2.46 | 2.50 | 3.60 | 2.75 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT3_4 | 40.55 | 37.86 | 36.20 | 36.32 | 39.32 | 42.55 | 53.33 | 43.05 | 47.89 | 54.34 | 57.44 | 52.21 | 49.29 | 45.79 | 59.67 | 70.01 | 58.28 | 57.03 | 81.81 | 59.47 | 63.42 | 49.51 | 42.12 | 42.09 |
| 24251 | 3.02 | 2.85 | 2.81 | 2.87 | 2.89 | 3.14 | 3.27 | 4.00 | 4.50 | 5.02 | 5.37 | 5.19 | 4.76 | 4.48 | 4.69 | 6.66 | 5.17 | 4.99 | 4.94 | 3.73 | 2.46 | 2.50 | 3.60 | 2.75 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.58 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_1 | 40.56 | 37.89 | 36.23 | 36.37 | 39.36 | 42.58 | 53.38 | 43.10 | 47.94 | 54.42 | 57.51 | 52.28 | 49.34 | 45.87 | 59.74 | 70.11 | 58.33 | 57.04 | 81.80 | 59.47 | 63.42 | 49.52 | 42.13 | 42.10 |
| 23729 | 3.03 | 2.87 | 2.84 | 2.92 | 2.93 | 3.18 | 3.33 | 4.05 | 4.55 | 5.10 | 5.44 | 5.26 | 4.81 | 4.55 | 4.75 | 6.75 | 5.21 | 5.00 | 4.93 | 3.74 | 2.46 | 2.52 | 3.62 | 2.77 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.60 | -5.51 | -9.17 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_10 | 40.49 | 37.82 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.79 | 54.23 | 57.31 | 52.10 | 49.19 | 45.70 | 59.57 | 69.86 | 58.17 | 56.92 | 81.71 | 59.40 | 63.37 | 49.46 | 42.04 | 42.03 |
| 24258 | 2.96 | 2.80 | 2.75 | 2.81 | 2.83 | 3.08 | 3.20 | 3.91 | 4.40 | 4.91 | 5.24 | 5.08 | 4.65 | 4.38 | 4.59 | 6.51 | 5.06 | 4.88 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.59 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_11 | 40.49 | 37.82 | 36.14 | 36.26 | 39.26 | 42.48 | 53.26 | 42.96 | 47.79 | 54.23 | 57.31 | 52.10 | 49.19 | 45.70 | 59.57 | 69.86 | 58.17 | 56.92 | 81.71 | 59.40 | 63.37 | 49.46 | 42.04 | 42.03 |
| 24259 | 2.96 | 2.80 | 2.75 | 2.81 | 2.83 | 3.08 | 3.20 | 3.91 | 4.40 | 4.91 | 5.24 | 5.08 | 4.65 | 4.38 | 4.59 | 6.51 | 5.06 | 4.88 | 4.84 | 3.66 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.59 | -5.51 | -9.16 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_4 | 40.48 | 37.81 | 36.14 | 36.26 | 39.25 | 42.48 | 53.25 | 42.95 | 47.78 | 54.21 | 57.31 | 52.09 | 49.18 | 45.69 | 59.58 | 69.84 | 58.17 | 56.92 | 81.71 | 59.39 | 63.37 | 49.45 | 42.04 | 42.03 |
| 24252 | 2.95 | 2.79 | 2.75 | 2.81 | 2.83 | 3.07 | 3.20 | 3.91 | 4.39 | 4.89 | 5.24 | 5.07 | 4.64 | 4.37 | 4.59 | 6.49 | 5.05 | 4.88 | 4.84 | 3.65 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.59 | -5.51 | -9.17 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_5 | 40.48 | 37.81 | 36.14 | 36.26 | 39.25 | 42.48 | 53.25 | 42.95 | 47.78 | 54.21 | 57.31 | 52.09 | 49.18 | 45.69 | 59.58 | 69.84 | 58.17 | 56.92 | 81.71 | 59.39 | 63.37 | 49.45 | 42.04 | 42.03 |
| 24254 | 2.95 | 2.79 | 2.75 | 2.81 | 2.83 | 3.07 | 3.20 | 3.91 | 4.39 | 4.89 | 5.24 | 5.07 | 4.64 | 4.37 | 4.59 | 6.49 | 5.05 | 4.88 | 4.84 | 3.65 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.59 | -5.51 | -9.17 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |
| RAVENSWOOD_GT_6 | 40.48 | 37.81 | 36.14 | 36.26 | 39.25 | 42.48 | 53.25 | 42.95 | 47.78 | 54.21 | 57.31 | 52.09 | 49.18 | 45.69 | 59.58 | 69.84 | 58.17 | 56.92 | 81.71 | 59.39 | 63.37 | 49.45 | 42.04 | 42.03 |
| 24253 | 2.95 | 2.79 | 2.75 | 2.81 | 2.83 | 3.07 | 3.20 | 3.91 | 4.39 | 4.89 | 5.24 | 5.07 | 4.64 | 4.37 | 4.59 | 6.49 | 5.05 | 4.88 | 4.84 | 3.65 | 2.41 | 2.45 | 3.53 | 2.70 |
| | -7.03 | -4.39 | -1.99 | -0.79 | -4.13 | -6.63 | -16.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.40 | -2.69 | -15.59 | -5.51 | -9.17 | -8.84 | -33.25 | -23.09 | -39.02 | -24.28 | -3.96 | -12.04 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_7 24255 | 40.48 2.95 -7.03 | 37.81 2.79 -4.39 | 36.14 2.75 -1.99 | 36.26 2.81 -0.79 | 39.25 2.83 -4.13 | 42.48 3.07 -6.63 | 53.25 3.20 -16.34 | 42.95 3.91 0.00 | 47.78 4.39 0.00 | 54.21 4.89 0.00 | 57.31 5.24 0.00 | 52.09 5.07 0.00 | 49.18 4.64 -1.40 | 45.69 4.37 -2.69 | 59.58 4.59 -15.59 | 69.84 6.49 -5.51 | 58.17 5.05 -9.17 | 56.92 4.88 -8.84 | 81.71 4.84 -33.25 | 59.39 3.65 -23.09 | 63.37 2.41 -39.02 | 49.45 2.45 -24.28 | 42.04 3.53 -3.96 | 42.03 2.70 -12.04 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 40.49 2.96 -7.03 | 37.82 2.80 -4.39 | 36.14 2.75 -1.99 | 36.26 2.81 -0.79 | 39.26 2.83 -4.13 | 42.48 3.08 -6.63 | 53.26 3.20 -16.34 | 42.96 3.91 0.00 | 47.79 4.40 0.00 | 54.23 4.91 0.00 | 57.31 5.24 0.00 | 52.10 5.08 0.00 | 49.19 4.65 -1.40 | 45.70 4.38 -2.69 | 59.57 4.59 -15.59 | 69.86 6.51 -5.51 | 58.17 5.06 -9.16 | 56.92 4.88 -8.84 | 81.71 4.84 -33.25 | 59.40 3.66 -23.09 | 63.37 2.41 -39.02 | 49.46 2.45 -24.28 | 42.04 3.53 -3.96 | 42.03 2.70 -12.04 |
| RAVENSWOOD_GT_9 24257 | 40.49 2.96 -7.03 | 37.82 2.80 -4.39 | 36.14 2.75 -1.99 | 36.26 2.81 -0.79 | 39.26 2.83 -4.13 | 42.48 3.08 -6.63 | 53.26 3.20 -16.34 | 42.96 3.91 0.00 | 47.79 4.40 0.00 | 54.23 4.91 0.00 | 57.31 5.24 0.00 | 52.10 5.08 0.00 | 49.19 4.65 -1.40 | 45.70 4.38 -2.69 | 59.57 4.59 -15.59 | 69.86 6.51 -5.51 | 58.17 5.06 -9.16 | 56.92 4.88 -8.84 | 81.71 4.84 -33.25 | 59.40 3.66 -23.09 | 63.37 2.41 -39.02 | 49.46 2.45 -24.28 | 42.04 3.53 -3.96 | 42.03 2.70 -12.04 |
| RAVENSWOOD___1 23533 | 40.52 2.98 -7.03 | 37.85 2.83 -4.39 | 36.18 2.79 -1.99 | 36.32 2.86 -0.79 | 39.31 2.89 -4.13 | 42.54 3.14 -6.63 | 53.33 3.28 -16.34 | 43.05 4.00 0.00 | 47.87 4.48 0.00 | 54.33 5.01 0.00 | 57.41 5.34 0.00 | 52.19 5.17 0.00 | 49.26 4.72 -1.40 | 45.78 4.47 -2.69 | 59.64 4.67 -15.57 | 70.00 6.64 -5.51 | 58.23 5.14 -9.14 | 56.98 4.94 -8.84 | 81.76 4.88 -33.25 | 59.44 3.70 -23.09 | 63.39 2.43 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| RAVENSWOOD___2 23534 | 40.52 2.98 -7.03 | 37.85 2.83 -4.39 | 36.18 2.79 -1.99 | 36.32 2.86 -0.79 | 39.31 2.89 -4.13 | 42.54 3.14 -6.63 | 53.33 3.28 -16.34 | 43.05 4.00 0.00 | 47.87 4.48 0.00 | 54.33 5.01 0.00 | 57.41 5.34 0.00 | 52.19 5.17 0.00 | 49.26 4.72 -1.40 | 45.78 4.47 -2.69 | 59.64 4.67 -15.57 | 70.00 6.64 -5.51 | 58.23 5.14 -9.14 | 56.98 4.94 -8.84 | 81.76 4.88 -33.25 | 59.44 3.70 -23.09 | 63.39 2.43 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| RAVENSWOOD___3 23535 | 40.49 2.96 -7.03 | 37.82 2.80 -4.39 | 36.14 2.75 -1.99 | 36.26 2.81 -0.79 | 39.26 2.83 -4.13 | 42.48 3.08 -6.63 | 53.26 3.21 -16.34 | 42.97 3.92 0.00 | 47.80 4.41 0.00 | 54.24 4.92 0.00 | 57.32 5.25 0.00 | 52.11 5.09 0.00 | 49.19 4.65 -1.40 | 45.70 4.39 -2.69 | 59.57 4.59 -15.58 | 69.88 6.53 -5.51 | 58.17 5.06 -9.16 | 56.93 4.89 -8.84 | 81.71 4.84 -33.25 | 59.40 3.66 -23.09 | 63.38 2.41 -39.02 | 49.46 2.45 -24.28 | 42.05 3.54 -3.96 | 42.03 2.70 -12.04 |
| RAVENSWOOD___4 23820 | 40.52 2.98 -7.03 | 37.85 2.83 -4.39 | 36.18 2.79 -1.99 | 36.32 2.86 -0.79 | 39.31 2.89 -4.13 | 42.54 3.14 -6.63 | 53.33 3.28 -16.34 | 43.05 4.00 0.00 | 47.87 4.48 0.00 | 54.33 5.01 0.00 | 57.41 5.34 0.00 | 52.19 5.17 0.00 | 49.26 4.72 -1.40 | 45.78 4.47 -2.69 | 59.64 4.67 -15.57 | 70.00 6.64 -5.51 | 58.23 5.14 -9.14 | 56.98 4.94 -8.84 | 81.76 4.88 -33.25 | 59.44 3.70 -23.09 | 63.39 2.43 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| RCPL_TRUST___DRP 24196 | 40.46 2.95 -7.02 | 37.79 2.78 -4.38 | 36.12 2.74 -1.99 | 36.22 2.77 -0.79 | 39.22 2.80 -4.12 | 42.43 3.04 -6.62 | 53.20 3.18 -16.31 | 42.93 3.88 0.00 | 47.77 4.38 0.00 | 54.22 4.91 0.00 | 57.32 5.25 0.00 | 52.10 5.08 0.00 | 49.19 4.65 -1.40 | 45.74 4.40 -2.72 | 60.19 4.62 -16.18 | 70.63 6.54 -6.24 | 58.55 5.07 -9.54 | 56.91 4.90 -8.82 | 81.61 4.84 -33.15 | 59.32 3.63 -23.04 | 63.28 2.40 -38.94 | 49.38 2.42 -24.24 | 41.98 3.48 -3.95 | 41.97 2.66 -12.01 |
| RED___ROCHESTER 323720 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| RENSSELAER___COGEN 23796 | 45.99 1.48 -14.01 | 40.88 1.50 -8.75 | 36.90 1.53 -3.97 | 35.84 1.60 -1.58 | 42.11 1.59 -8.22 | 47.56 1.57 -13.22 | 67.71 1.43 -32.56 | 40.45 1.40 0.00 | 44.96 1.57 0.00 | 51.01 1.69 0.00 | 53.76 1.69 0.00 | 48.71 1.69 0.00 | 47.67 1.75 -2.78 | 45.07 1.61 -4.84 | 61.08 1.68 -20.00 | 60.42 2.35 -0.22 | 48.66 1.86 -2.85 | 50.44 1.83 -5.41 | 62.82 1.83 -17.37 | 65.57 1.37 -31.55 | 99.39 0.94 -76.50 | 64.37 0.94 -40.71 | 42.18 1.42 -6.21 | 44.81 1.00 -16.52 |
| REVERE_CPPR_DRP 24186 | 30.74 0.83 0.59 | 31.04 0.79 0.37 | 32.05 0.82 0.17 | 33.44 0.85 0.07 | 32.92 0.96 0.35 | 33.32 1.10 0.56 | 33.75 1.41 1.37 | 40.72 1.67 0.00 | 45.43 2.04 0.00 | 51.59 2.27 0.00 | 54.43 2.36 0.00 | 49.38 2.36 0.00 | 44.55 2.03 0.61 | 38.57 1.62 1.66 | 39.69 1.36 1.07 | 59.89 2.04 0.00 | 45.92 1.66 -0.31 | 44.72 1.78 0.26 | 44.63 1.88 0.87 | 32.63 1.36 1.38 | 19.56 0.88 3.27 | 22.96 0.79 0.55 | 35.58 1.01 -0.01 | 28.55 0.69 -0.56 |
| RIVERBAY___ 323610 | 41.07 3.54 -7.03 | 38.45 3.43 -4.39 | 36.82 3.43 -1.99 | 37.19 3.74 -0.79 | 40.20 3.78 -4.13 | 43.48 4.07 -6.63 | 54.36 4.31 -16.34 | 43.78 4.74 0.00 | 48.84 5.45 0.00 | 55.32 6.00 0.00 | 58.34 6.27 0.00 | 52.93 5.91 0.00 | 49.84 5.30 -1.40 | 46.15 4.95 -2.58 | 60.08 5.10 -15.58 | 70.75 7.40 -5.51 | 58.79 5.68 -9.16 | 57.52 5.48 -8.84 | 82.28 5.41 -33.25 | 59.84 4.10 -23.09 | 63.65 2.69 -39.02 | 49.77 2.77 -24.28 | 42.58 4.07 -3.96 | 42.44 3.11 -12.04 |
| ROARING___BROOK_WT_PWR 323790 | 26.65 -0.52 3.34 | 28.11 -0.43 2.08 | 30.04 -0.41 0.95 | 31.88 -0.41 0.38 | 29.91 -0.43 1.96 | 29.26 -0.37 3.15 | 25.58 -0.38 7.75 | 38.58 -0.47 0.00 | 42.97 -0.42 0.00 | 48.74 -0.58 0.00 | 51.49 -0.58 0.00 | 46.59 -0.45 -0.03 | 45.14 -0.36 -2.36 | 45.87 -0.50 -7.75 | 37.96 -0.80 0.64 | 56.70 -1.13 0.02 | 43.06 -1.03 -0.14 | 40.56 -1.15 1.49 | 37.46 -1.23 4.93 | 24.00 -0.84 7.81 | 2.91 -0.59 18.45 | 14.73 -0.72 7.27 | 32.62 -1.13 0.81 | 25.72 -0.74 0.84 |
| ROCHESTER_9_IC 23652 | 31.77 0.45 -0.82 | 31.53 0.40 -0.51 | 32.03 0.40 -0.23 | 33.04 0.28 -0.09 | 33.04 0.26 -0.48 | 33.84 0.29 -0.78 | 35.81 0.18 -1.91 | 39.12 0.07 0.00 | 43.68 0.30 0.01 | 49.58 0.55 0.28 | 52.38 0.66 0.35 | 47.71 0.76 0.07 | 43.53 0.24 -0.15 | 39.00 0.27 -0.10 | 40.44 0.47 -0.58 | 57.29 0.79 1.34 | 44.89 0.37 -0.57 | 44.08 0.56 -0.32 | 45.39 0.56 -1.22 | 34.93 0.36 -1.92 | 26.64 0.17 -4.53 | 25.99 -0.08 -3.35 | 34.79 -0.31 -0.54 | 28.66 -0.38 -1.75 |
| ROSETON___1 23587 | 39.82 2.38 -6.95 | 37.20 2.23 -4.34 | 35.58 2.22 -1.97 | 35.66 2.22 -0.78 | 38.62 2.24 -4.08 | 41.75 2.42 -6.55 | 52.38 2.52 -16.14 | 42.10 3.05 0.00 | 46.79 3.40 0.00 | 53.07 3.76 0.00 | 56.06 3.99 0.00 | 50.89 3.87 0.00 | 48.09 3.57 -1.38 | 44.43 3.40 -2.42 | 54.25 3.59 -11.27 | 63.43 5.06 -0.53 | 54.32 3.97 -6.39 | 55.74 3.87 -8.68 | 80.10 3.88 -32.60 | 58.32 2.94 -22.74 | 62.41 1.92 -38.54 | 48.70 1.94 -24.03 | 41.27 2.80 -3.91 | 41.33 2.14 -11.89 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|---------------------------|--------------------------|-------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| ROSETON___2 23588 | 39.82 2.38 -6.95 | 37.20 2.23 -4.34 | 35.58 2.22 -1.97 | 35.66 2.22 -0.78 | 38.62 2.24 -4.08 | 41.75 2.42 -6.55 | 52.38 2.52 -16.14 | 42.10 3.05 0.00 | 46.79 3.40 0.00 | 53.07 3.76 0.00 | 56.06 3.99 0.00 | 50.89 3.87 0.00 | 48.09 3.57 -1.38 | 44.43 3.40 -2.42 | 54.25 3.59 -11.27 | 63.43 5.06 -0.53 | 54.32 3.97 -6.39 | 55.74 3.87 -8.68 | 80.10 3.88 -32.60 | 58.32 2.94 -22.74 | 62.41 1.92 -38.54 | 48.70 1.94 -24.03 | 41.27 2.80 -3.91 | 41.33 2.14 -11.89 |
| RUSSELL___1 23602 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| RUSSELL___2 23532 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| RUSSELL___3 23549 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| RUSSELL___4 23556 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| RUSSELL___STATION 23914 | 31.93 0.61 -0.82 | 31.69 0.55 -0.51 | 32.18 0.55 -0.23 | 33.20 0.44 -0.09 | 33.20 0.42 -0.48 | 34.02 0.47 -0.78 | 36.00 0.37 -1.91 | 39.34 0.29 0.00 | 43.94 0.56 0.01 | 49.88 0.84 0.28 | 52.69 0.97 0.35 | 48.01 1.06 0.07 | 43.79 0.50 -0.15 | 39.23 0.50 -0.10 | 40.69 0.71 -0.58 | 57.67 1.17 1.34 | 45.16 0.64 -0.57 | 44.35 0.83 -0.32 | 45.68 0.85 -1.22 | 35.14 0.57 -1.92 | 26.78 0.30 -4.53 | 26.12 0.05 -3.35 | 34.97 -0.13 -0.54 | 28.81 -0.23 -1.75 |
| S SALMON___HYD 24043 | 30.02 -0.48 0.00 | 30.11 -0.51 0.00 | 30.93 -0.47 0.00 | 32.16 -0.50 0.00 | 31.85 -0.45 0.00 | 32.42 -0.35 0.00 | 33.52 -0.19 0.00 | 38.75 -0.30 0.00 | 43.21 -0.18 0.00 | 49.17 -0.15 0.00 | 52.01 -0.06 0.00 | 47.13 0.12 0.01 | 42.50 0.06 0.70 | 36.32 -0.25 2.05 | 38.43 -0.47 0.50 | 57.21 -0.64 0.00 | 43.84 -0.50 -0.39 | 42.59 -0.61 0.00 | 43.10 -0.52 0.00 | 32.26 -0.39 0.00 | 21.72 -0.22 0.00 | 23.52 -0.21 -1.01 | 34.28 -0.51 -0.24 | 27.81 -0.56 -1.08 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 31.19 -0.44 -1.13 | 30.83 -0.50 -0.71 | 31.27 -0.45 -0.32 | 32.10 -0.69 -0.13 | 32.19 -0.78 -0.66 | 32.99 -0.85 -1.06 | 35.02 -1.32 -2.62 | 37.08 -1.96 0.00 | 41.76 -1.70 -0.07 | 52.88 -1.62 -5.18 | 59.39 -1.63 -8.94 | 58.31 -1.14 -12.43 | 50.02 -1.94 -8.82 | 50.56 -1.59 -13.53 | 78.51 -1.23 -40.34 | 108.29 -1.62 -52.06 | 53.82 -1.89 -11.76 | 47.73 -1.62 -6.15 | 45.22 -1.77 -3.37 | 33.94 -1.34 -2.63 | 27.13 -1.02 -6.21 | 25.71 -1.48 -4.47 | 32.82 -2.35 -0.61 | 27.25 -2.03 -1.98 |
| SELKIRK___I 23801 | 43.11 1.37 -11.24 | 39.05 1.41 -7.02 | 36.03 1.44 -3.19 | 35.47 1.54 -1.27 | 40.41 1.52 -6.60 | 44.91 1.53 -10.60 | 61.25 1.41 -26.12 | 40.50 1.45 0.00 | 45.04 1.64 0.00 | 51.16 1.84 0.00 | 53.89 1.81 0.00 | 48.68 1.66 0.00 | 47.07 1.70 -2.23 | 44.04 1.53 -3.89 | 57.57 1.62 -16.55 | 60.42 2.32 -0.25 | 49.68 1.78 -3.95 | 51.03 1.69 -6.14 | 66.43 1.66 -21.14 | 61.36 1.25 -27.46 | 84.41 0.85 -61.61 | 57.94 0.89 -34.33 | 41.30 1.41 -5.34 | 43.17 1.05 -14.83 |
| SELKIRK___II 23799 | 45.29 1.47 -13.33 | 40.42 1.47 -8.32 | 36.68 1.50 -3.78 | 35.75 1.58 -1.50 | 41.69 1.56 -7.82 | 46.92 1.57 -12.57 | 66.18 1.49 -30.98 | 40.61 1.56 0.00 | 45.14 1.75 0.00 | 51.22 1.90 0.00 | 54.00 1.92 0.00 | 48.92 1.90 0.00 | 47.67 1.89 -2.65 | 44.97 1.74 -4.60 | 60.40 1.83 -19.18 | 60.65 2.58 -0.22 | 48.87 2.01 -2.90 | 50.32 1.98 -5.14 | 62.09 1.98 -16.48 | 64.16 1.49 -30.02 | 95.78 1.02 -72.82 | 62.98 1.03 -39.23 | 42.10 1.54 -6.00 | 44.57 1.12 -16.15 |
| SENECA OSWGO___HYD 24041 | 30.17 -0.33 0.00 | 30.25 -0.38 0.00 | 30.99 -0.40 0.00 | 32.21 -0.45 0.00 | 31.87 -0.43 0.00 | 32.36 -0.42 0.00 | 33.35 -0.37 0.00 | 38.61 -0.45 0.00 | 42.99 -0.40 0.00 | 48.90 -0.42 0.00 | 51.66 -0.42 0.00 | 46.80 -0.22 0.00 | 42.58 -0.35 0.21 | 37.68 -0.32 0.62 | 39.17 -0.29 -0.07 | 57.41 -0.44 0.00 | 44.02 -0.35 -0.42 | 42.85 -0.35 0.00 | 43.32 -0.30 0.00 | 32.40 -0.25 0.00 | 21.75 -0.19 0.00 | 23.58 -0.24 -1.10 | 34.32 -0.51 -0.27 | 28.12 -0.41 -1.24 |
| SENECA___ENERGY 23797 | 31.52 0.14 -0.89 | 31.27 0.09 -0.55 | 31.74 0.10 -0.25 | 32.81 0.05 -0.10 | 32.90 0.08 -0.52 | 33.76 0.15 -0.84 | 36.00 0.23 -2.06 | 39.22 0.17 0.00 | 43.73 0.35 0.00 | 49.69 0.38 0.00 | 52.52 0.45 0.00 | 47.67 0.65 0.00 | 43.61 0.30 -0.18 | 39.09 0.17 -0.30 | 41.11 0.15 -1.57 | 58.17 0.31 0.00 | 44.84 0.27 -0.62 | 44.08 0.49 -0.39 | 45.59 0.66 -1.31 | 35.14 0.42 -2.07 | 27.02 0.19 -4.89 | 26.38 0.02 -3.63 | 34.93 -0.19 -0.57 | 28.92 -0.20 -1.83 |
| SHOEMAKER___GT 23640 | 38.90 2.03 -6.37 | 36.51 1.90 -3.98 | 35.08 1.88 -1.81 | 35.27 1.89 -0.72 | 37.96 1.92 -3.74 | 40.87 2.08 -6.01 | 50.68 2.15 -14.81 | 41.64 2.59 0.00 | 46.28 2.89 0.00 | 52.49 3.17 0.00 | 55.41 3.34 0.00 | 50.24 3.22 0.00 | 47.34 2.93 -1.27 | 43.60 2.82 -2.17 | 51.95 3.01 -9.54 | 61.47 4.22 0.60 | 52.55 3.37 -5.24 | 54.08 3.27 -7.61 | 75.46 3.30 -28.53 | 55.62 2.51 -20.46 | 58.94 1.65 -35.35 | 46.77 1.67 -22.38 | 40.55 2.41 -3.60 | 40.09 1.85 -10.95 |
| SHOREHAM_IC_1 23715 | 41.39 3.85 -7.05 | 38.71 3.68 -4.40 | 36.96 3.56 -2.00 | 36.99 3.54 -0.79 | 40.06 3.62 -4.14 | 43.29 3.86 -6.65 | 53.94 3.84 -16.38 | 44.17 5.12 0.00 | 48.79 5.40 0.00 | 54.71 5.39 0.00 | 57.98 5.90 0.00 | 52.88 5.86 0.00 | 49.97 5.43 -1.40 | 46.27 4.99 -2.65 | 59.18 4.89 -14.89 | 69.47 6.97 -4.66 | 58.18 5.52 -8.71 | 57.94 5.87 -8.87 | 145.35 5.92 -95.81 | 334.39 4.40 -297.35 | 172.86 2.76 -148.16 | 63.61 3.00 -37.89 | 43.15 4.62 -3.97 | 44.50 3.61 -13.59 |
| SHOREHAM_IC_2 23716 | 41.39 3.85 -7.05 | 38.71 3.68 -4.40 | 36.96 3.56 -2.00 | 36.99 3.54 -0.79 | 40.06 3.62 -4.14 | 43.29 3.86 -6.65 | 53.94 3.84 -16.38 | 44.17 5.12 0.00 | 48.79 5.40 0.00 | 54.71 5.39 0.00 | 57.98 5.90 0.00 | 52.88 5.86 0.00 | 49.97 5.43 -1.40 | 46.27 4.99 -2.65 | 59.18 4.89 -14.89 | 69.47 6.97 -4.66 | 58.18 5.52 -8.71 | 57.94 5.87 -8.87 | 145.35 5.92 -95.81 | 334.39 4.40 -297.35 | 172.86 2.76 -148.16 | 63.61 3.00 -37.89 | 43.15 4.62 -3.97 | 44.50 3.61 -13.59 |

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|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|-------------------------|------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| SISSONVILLE____ 23735 | 29.05 -0.90 0.54 | 29.65 -0.64 0.34 | 30.59 -0.65 0.15 | 31.97 -0.63 0.06 | 31.37 -0.61 0.32 | 31.65 -0.61 0.52 | 31.87 -0.58 1.27 | 38.52 -0.53 0.00 | 42.63 -0.75 0.00 | 48.68 -0.63 0.00 | 51.44 -0.63 0.00 | 45.96 -1.00 0.06 | 35.41 -1.09 6.63 | 18.01 -1.23 19.38 | 30.03 -1.39 7.98 | 56.05 -1.79 0.00 | 42.72 -1.34 -0.11 | 41.63 -1.32 0.24 | 41.49 -1.32 0.81 | 30.34 -1.02 1.28 | 18.29 -0.63 3.02 | 21.30 -0.43 0.99 | 34.03 -0.42 0.10 | 26.86 -0.43 0.00 |
| SITHE_IND_GS1 24169 | 29.86 -0.64 0.00 | 29.97 -0.66 0.00 | 30.71 -0.69 0.00 | 31.90 -0.76 0.00 | 31.57 -0.73 0.00 | 32.02 -0.75 0.00 | 32.93 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.01 0.00 | 48.18 -1.14 0.00 | 50.89 -1.18 0.00 | 46.04 -0.98 0.00 | 42.15 -0.99 0.00 | 37.74 -0.88 0.00 | 38.76 -0.88 -0.25 | 56.55 -1.30 0.00 | 43.28 -1.00 -0.33 | 42.26 -0.94 0.00 | 42.74 -0.88 0.00 | 31.96 -0.69 0.00 | 21.47 -0.47 0.00 | 23.12 -0.51 -0.91 | 33.90 -0.89 -0.23 | 27.67 -0.66 -1.05 |
| SITHE_IND_GS2 24170 | 29.86 -0.64 0.00 | 29.97 -0.66 0.00 | 30.71 -0.69 0.00 | 31.90 -0.76 0.00 | 31.57 -0.73 0.00 | 32.02 -0.75 0.00 | 32.93 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.01 0.00 | 48.18 -1.14 0.00 | 50.89 -1.18 0.00 | 46.04 -0.98 0.00 | 42.15 -0.99 0.00 | 37.74 -0.88 0.00 | 38.76 -0.88 -0.25 | 56.55 -1.30 0.00 | 43.28 -1.00 -0.33 | 42.26 -0.94 0.00 | 42.74 -0.88 0.00 | 31.96 -0.69 0.00 | 21.47 -0.47 0.00 | 23.12 -0.51 -0.91 | 33.90 -0.89 -0.23 | 27.67 -0.66 -1.05 |
| SITHE_IND_GS3 24171 | 29.86 -0.64 0.00 | 29.97 -0.66 0.00 | 30.71 -0.69 0.00 | 31.90 -0.76 0.00 | 31.57 -0.73 0.00 | 32.02 -0.75 0.00 | 32.93 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.01 0.00 | 48.18 -1.14 0.00 | 50.89 -1.18 0.00 | 46.04 -0.98 0.00 | 42.15 -0.99 0.00 | 37.74 -0.88 0.00 | 38.76 -0.88 -0.25 | 56.55 -1.30 0.00 | 43.28 -1.00 -0.33 | 42.26 -0.94 0.00 | 42.74 -0.88 0.00 | 31.96 -0.69 0.00 | 21.47 -0.47 0.00 | 23.12 -0.51 -0.91 | 33.90 -0.89 -0.23 | 27.67 -0.66 -1.05 |
| SITHE_IND_GS4 24172 | 29.86 -0.64 0.00 | 29.97 -0.66 0.00 | 30.71 -0.69 0.00 | 31.90 -0.76 0.00 | 31.57 -0.73 0.00 | 32.02 -0.75 0.00 | 32.93 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.01 0.00 | 48.18 -1.14 0.00 | 50.89 -1.18 0.00 | 46.04 -0.98 0.00 | 42.15 -0.99 0.00 | 37.74 -0.88 0.00 | 38.76 -0.88 -0.25 | 56.55 -1.30 0.00 | 43.28 -1.00 -0.33 | 42.26 -0.94 0.00 | 42.74 -0.88 0.00 | 31.96 -0.69 0.00 | 21.47 -0.47 0.00 | 23.12 -0.51 -0.91 | 33.90 -0.89 -0.23 | 27.67 -0.66 -1.05 |
| SITHE____BATAVIA 24024 | 31.80 0.32 -0.98 | 31.51 0.27 -0.61 | 31.98 0.31 -0.28 | 32.89 0.12 -0.11 | 32.93 0.05 -0.57 | 33.75 0.05 -0.92 | 35.78 -0.21 -2.27 | 38.53 -0.51 0.00 | 43.09 -0.24 0.06 | 46.46 0.08 2.94 | 47.77 0.18 4.48 | 43.01 0.36 4.37 | 39.95 -0.51 2.68 | 36.35 -0.26 2.02 | 37.09 0.05 2.36 | 51.50 0.34 6.69 | 40.72 -0.28 2.95 | 41.54 -0.05 1.61 | 44.34 -0.17 -0.88 | 34.78 -0.15 -2.28 | 27.11 -0.22 -5.39 | 25.98 -0.66 -3.93 | 33.96 -1.14 -0.54 | 27.97 -1.08 -1.76 |
| SITHE____INDEPEND 23800 | 29.86 -0.64 0.00 | 29.97 -0.66 0.00 | 30.71 -0.69 0.00 | 31.90 -0.76 0.00 | 31.57 -0.73 0.00 | 32.02 -0.75 0.00 | 32.93 -0.79 0.00 | 38.08 -0.97 0.00 | 42.38 -1.01 0.00 | 48.18 -1.14 0.00 | 50.89 -1.18 0.00 | 46.04 -0.98 0.00 | 42.15 -0.99 0.00 | 37.74 -0.88 0.00 | 38.76 -0.88 -0.25 | 56.55 -1.30 0.00 | 43.28 -1.00 -0.33 | 42.26 -0.94 0.00 | 42.74 -0.88 0.00 | 31.96 -0.69 0.00 | 21.47 -0.47 0.00 | 23.12 -0.51 -0.91 | 33.90 -0.89 -0.23 | 27.67 -0.66 -1.05 |
| SITHE____MASSENA 23902 | 29.10 -0.82 0.58 | 29.64 -0.62 0.36 | 30.57 -0.66 0.16 | 31.95 -0.65 0.06 | 31.30 -0.66 0.34 | 31.54 -0.69 0.55 | 31.63 -0.74 1.35 | 38.29 -0.76 0.00 | 42.36 -1.03 0.00 | 48.33 -0.99 0.00 | 51.05 -1.02 0.00 | 45.60 -1.36 0.07 | 33.93 -1.24 7.97 | 14.10 -1.22 23.30 | 28.53 -1.30 9.56 | 56.14 -1.70 0.00 | 42.72 -1.29 -0.06 | 41.63 -1.31 0.26 | 41.41 -1.36 0.86 | 30.25 -1.04 1.35 | 18.08 -0.66 3.21 | 21.02 -0.54 1.16 | 33.89 -0.56 0.11 | 26.85 -0.45 0.00 |
| SITHE____OGDNSBRG 24021 | 29.30 -0.64 0.56 | 29.89 -0.39 0.35 | 30.81 -0.43 0.16 | 32.20 -0.40 0.06 | 31.58 -0.39 0.33 | 31.83 -0.41 0.53 | 32.06 -0.36 1.30 | 38.79 -0.26 0.00 | 42.91 -0.48 0.00 | 49.01 -0.31 0.00 | 51.82 -0.26 0.00 | 46.24 -0.72 0.06 | 35.23 -0.76 7.15 | 16.84 -0.88 20.90 | 29.83 -0.97 8.60 | 56.62 -1.22 0.00 | 43.15 -0.89 -0.09 | 42.09 -0.86 0.25 | 41.91 -0.88 0.83 | 30.65 -0.69 1.31 | 18.43 -0.42 3.09 | 21.40 -0.27 1.06 | 34.28 -0.17 0.10 | 27.10 -0.19 0.00 |
| SITHE____STERLING 23777 | 31.17 0.67 0.00 | 31.25 0.62 0.00 | 32.06 0.66 0.00 | 33.35 0.69 0.00 | 33.11 0.81 0.00 | 33.68 0.91 0.00 | 34.87 1.15 0.00 | 40.42 1.37 0.00 | 45.06 1.67 0.00 | 51.18 1.87 0.00 | 54.03 1.95 0.00 | 49.00 1.99 0.00 | 44.59 1.70 0.25 | 39.28 1.39 0.73 | 40.57 1.18 0.02 | 59.58 1.73 0.00 | 45.74 1.43 -0.36 | 44.73 1.54 0.00 | 45.16 1.54 0.00 | 33.76 1.11 0.00 | 22.65 0.71 0.00 | 24.22 0.61 -0.89 | 35.44 0.74 -0.15 | 28.50 0.53 -0.67 |
| SOUTH CAIRO____GT 23612 | 41.98 2.42 -9.06 | 38.63 2.34 -5.66 | 36.32 2.35 -2.57 | 36.09 2.41 -1.02 | 40.05 2.43 -5.32 | 43.87 2.55 -8.55 | 57.47 2.68 -21.06 | 42.19 3.14 0.00 | 46.91 3.52 0.00 | 53.17 3.86 0.00 | 55.87 3.79 0.00 | 50.62 3.60 0.00 | 48.31 3.37 -1.80 | 44.87 3.11 -3.13 | 56.44 3.33 -13.71 | 63.00 4.93 -0.22 | 52.87 3.89 -5.02 | 54.45 3.92 -7.34 | 74.28 4.06 -26.60 | 60.67 3.06 -24.97 | 73.86 2.00 -49.92 | 53.74 1.97 -29.05 | 41.96 2.81 -4.59 | 42.61 2.07 -13.25 |
| SOUTH HAMPTN____IC 23720 | 41.81 4.26 -7.05 | 39.12 4.09 -4.40 | 37.37 3.97 -2.00 | 37.42 3.96 -0.79 | 40.50 4.07 -4.14 | 43.76 4.33 -6.65 | 54.44 4.34 -16.38 | 44.77 5.72 0.00 | 49.47 6.09 0.00 | 55.53 6.21 0.00 | 58.94 6.87 0.00 | 53.77 6.75 0.00 | 50.74 6.20 -1.40 | 46.89 5.62 -2.65 | 59.85 5.56 -14.89 | 70.47 7.97 -4.66 | 58.97 6.30 -8.71 | 58.73 6.66 -8.87 | 145.40 6.79 -94.99 | 331.30 4.88 -293.77 | 171.78 3.10 -146.73 | 63.81 3.37 -37.72 | 43.66 5.14 -3.97 | 44.89 4.00 -13.59 |
| SOUTHOLD____IC 23719 | 42.17 4.63 -7.05 | 39.49 4.46 -4.40 | 37.70 4.30 -2.00 | 37.77 4.32 -0.79 | 40.86 4.42 -4.14 | 44.13 4.71 -6.65 | 54.84 4.75 -16.38 | 45.25 6.20 0.00 | 50.03 6.64 0.00 | 56.19 6.87 0.00 | 59.60 7.52 0.00 | 54.37 7.35 0.00 | 51.26 6.72 -1.40 | 47.37 6.09 -2.65 | 60.38 6.09 -14.89 | 71.26 8.76 -4.66 | 59.61 6.94 -8.71 | 59.37 7.30 -8.87 | 146.07 7.48 -94.97 | 331.23 4.91 -293.67 | 171.84 3.21 -146.69 | 64.18 3.74 -37.72 | 44.17 5.65 -3.97 | 45.26 4.38 -13.59 |
| ST LAWRENCE____ 23600 | 28.82 -1.09 0.58 | 29.28 -0.98 0.37 | 30.21 -1.02 0.17 | 31.57 -1.03 0.07 | 30.92 -1.04 0.34 | 31.17 -1.05 0.55 | 31.29 -1.06 1.36 | 37.90 -1.15 0.00 | 41.93 -1.46 0.00 | 47.81 -1.51 0.00 | 50.51 -1.56 0.00 | 45.12 -1.83 0.07 | 33.26 -1.64 8.24 | 12.97 -1.56 24.09 | 27.88 -1.63 9.88 | 55.63 -2.21 0.00 | 42.32 -1.69 -0.05 | 41.25 -1.69 0.26 | 41.00 -1.75 0.87 | 29.95 -1.33 1.37 | 17.83 -0.87 3.24 | 20.73 -0.80 1.20 | 33.48 -0.97 0.11 | 26.53 -0.76 0.00 |
| STATION 5_MISC_HYD 23604 | 31.77 0.45 -0.82 | 31.53 0.40 -0.51 | 32.03 0.40 -0.23 | 33.04 0.28 -0.09 | 33.04 0.26 -0.48 | 33.84 0.29 -0.78 | 35.81 0.18 -1.91 | 39.12 0.07 0.00 | 43.68 0.30 0.01 | 49.58 0.55 0.28 | 52.38 0.66 0.35 | 47.71 0.76 0.07 | 43.53 0.24 -0.15 | 39.00 0.27 -0.10 | 40.44 0.47 -0.58 | 57.29 0.79 1.34 | 44.89 0.37 -0.57 | 44.08 0.56 -0.32 | 45.39 0.56 -1.22 | 34.93 0.36 -1.92 | 26.64 0.17 -4.53 | 25.99 -0.08 -3.35 | 34.79 -0.31 -0.54 | 28.66 -0.38 -1.75 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|-------------------------|---------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 31.99 0.66 -0.83 | 31.74 0.60 -0.52 | 32.23 0.60 -0.23 | 33.29 0.54 -0.09 | 33.33 0.55 -0.49 | 34.18 0.63 -0.78 | 36.29 0.64 -1.93 | 39.69 0.64 0.00 | 44.31 0.92 0.00 | 50.50 1.18 0.00 | 53.42 1.35 0.00 | 48.46 1.44 0.00 | 44.20 0.90 -0.16 | 39.66 0.79 -0.24 | 41.68 0.91 -1.37 | 58.79 1.44 0.49 | 45.53 1.00 -0.58 | 44.75 1.19 -0.37 | 46.10 1.25 -1.23 | 35.46 0.88 -1.94 | 27.03 0.50 -4.59 | 26.41 0.28 -3.40 | 35.31 0.21 -0.54 | 29.10 0.05 -1.75 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 31.75 0.43 -0.82 | 31.51 0.37 -0.51 | 32.00 0.37 -0.23 | 33.02 0.26 -0.09 | 33.02 0.24 -0.48 | 33.83 0.28 -0.77 | 35.81 0.19 -1.90 | 39.13 0.08 0.00 | 43.71 0.33 0.01 | 49.62 0.56 0.26 | 52.43 0.68 0.33 | 47.75 0.80 0.06 | 43.58 0.30 -0.15 | 39.06 0.32 -0.12 | 40.55 0.49 -0.66 | 57.44 0.81 1.22 | 44.93 0.41 -0.57 | 44.12 0.60 -0.32 | 45.44 0.61 -1.21 | 34.95 0.39 -1.91 | 26.64 0.18 -4.51 | 26.01 -0.05 -3.34 | 34.82 -0.27 -0.54 | 28.70 -0.33 -1.74 |
| STEEL___WIND 323596 | 31.55 -0.12 -1.17 | 31.15 -0.21 -0.73 | 31.62 -0.11 -0.33 | 32.46 -0.33 -0.13 | 32.61 -0.37 -0.68 | 33.46 -0.41 -1.10 | 35.67 -0.76 -2.72 | 37.74 -1.31 0.00 | 42.61 -0.89 -0.11 | 55.67 -0.68 -7.04 | 63.28 -0.63 -11.84 | 62.32 -0.22 -15.53 | 52.90 -1.13 -10.89 | 50.80 -0.87 -13.04 | 70.72 -0.47 -31.79 | 106.58 -0.52 -49.25 | 57.25 -1.10 -14.39 | 49.96 -0.85 -7.61 | 46.47 -0.98 -3.83 | 34.63 -0.73 -2.72 | 27.71 -0.65 -6.42 | 26.20 -1.14 -4.61 | 33.34 -1.85 -0.63 | 27.71 -1.62 -2.03 |
| STEBEN_REC_LFGE 323667 | 32.43 0.34 -1.59 | 31.87 0.25 -0.99 | 32.27 0.43 -0.45 | 33.26 0.42 -0.18 | 33.79 0.56 -0.93 | 35.07 0.79 -1.50 | 38.44 1.02 -3.70 | 40.02 0.97 0.00 | 44.94 1.52 -0.03 | 52.97 1.94 -1.72 | 57.19 2.16 -2.95 | 53.37 2.33 -4.02 | 47.43 1.20 -3.09 | 43.42 0.93 -3.87 | 50.89 0.88 -10.62 | 71.98 1.77 -12.36 | 49.56 1.07 -4.54 | 47.24 1.51 -2.54 | 48.01 1.49 -2.90 | 37.50 1.14 -3.71 | 31.31 0.60 -8.77 | 29.08 0.17 -6.19 | 35.26 -0.21 -0.92 | 29.89 -0.27 -2.87 |
| STONY___BROOK 24151 | 41.47 3.93 -7.05 | 38.81 3.78 -4.40 | 37.06 3.67 -2.00 | 37.10 3.64 -0.79 | 40.16 3.72 -4.14 | 43.36 3.94 -6.65 | 53.96 3.86 -16.38 | 44.18 5.13 0.00 | 48.82 5.43 0.00 | 55.02 5.71 0.00 | 58.37 6.29 0.00 | 53.31 6.29 0.00 | 50.35 5.81 -1.40 | 46.55 5.27 -2.65 | 59.39 5.11 -14.89 | 69.75 7.24 -4.66 | 58.50 5.83 -8.71 | 58.13 6.06 -8.87 | 159.51 6.20 -109.69 | 395.29 4.62 -358.02 | 197.24 2.90 -172.40 | 66.47 3.09 -40.66 | 43.22 4.70 -3.97 | 44.59 3.70 -13.60 |
| STURGEON_POOL_HYD 23609 | 41.12 2.95 -7.67 | 38.18 2.76 -4.79 | 36.31 2.74 -2.17 | 36.28 2.76 -0.87 | 39.59 2.79 -4.50 | 43.04 3.02 -7.24 | 54.77 3.22 -17.83 | 42.97 3.93 0.00 | 47.78 4.39 0.00 | 54.18 4.86 0.00 | 57.11 5.04 0.00 | 51.80 4.79 0.00 | 49.03 4.37 -1.52 | 45.45 4.17 -2.65 | 55.78 4.51 -11.88 | 64.40 6.39 -0.16 | 54.47 5.02 -5.50 | 55.93 4.98 -7.76 | 77.41 5.07 -28.72 | 59.45 3.83 -22.97 | 66.87 2.51 -42.42 | 50.88 2.49 -25.67 | 42.22 3.56 -4.11 | 42.17 2.70 -12.18 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 39.30 2.28 -6.52 | 36.83 2.13 -4.07 | 35.34 2.10 -1.85 | 35.49 2.10 -0.74 | 38.26 2.13 -3.83 | 41.25 2.32 -6.15 | 51.26 2.39 -15.15 | 41.92 2.87 0.00 | 46.60 3.21 0.00 | 52.87 3.55 0.00 | 55.86 3.78 0.00 | 50.70 3.68 0.00 | 47.78 3.35 -1.29 | 44.04 3.21 -2.21 | 52.42 3.41 -9.61 | 61.90 4.80 0.75 | 53.02 3.78 -5.29 | 54.76 3.69 -7.88 | 76.87 3.70 -29.55 | 56.51 2.83 -21.04 | 59.95 1.84 -36.16 | 47.38 1.86 -22.80 | 40.92 2.69 -3.68 | 40.55 2.07 -11.18 |
| SYNERGY___BIOGAS 323694 | 31.80 0.32 -0.98 | 31.51 0.27 -0.61 | 31.98 0.31 -0.28 | 32.89 0.12 -0.11 | 32.93 0.05 -0.57 | 33.75 0.05 -0.92 | 35.78 -0.21 -2.27 | 38.53 -0.51 0.00 | 43.09 -0.24 0.06 | 46.46 0.08 2.94 | 47.77 0.18 4.48 | 43.01 0.36 4.37 | 39.95 -0.51 2.68 | 36.35 -0.26 2.02 | 37.09 0.05 2.36 | 51.50 0.34 6.69 | 40.72 -0.28 2.95 | 41.54 -0.05 1.61 | 44.34 -0.17 -0.88 | 34.78 -0.15 -2.28 | 27.11 -0.22 -5.39 | 25.98 -0.66 -3.93 | 33.96 -1.14 -0.54 | 27.97 -1.08 -1.76 |
| SYRACUSE___ENERGY_ST1 323597 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| SYRACUSE___ENERGY_ST2 323598 | 31.20 0.04 -0.66 | 31.08 0.04 -0.41 | 31.59 0.01 -0.19 | 32.70 -0.03 -0.07 | 32.71 0.02 -0.39 | 33.43 0.03 -0.62 | 35.38 0.13 -1.53 | 39.18 0.13 0.00 | 43.57 0.18 0.00 | 49.54 0.23 0.00 | 52.35 0.27 0.00 | 47.41 0.39 0.00 | 43.50 0.23 -0.13 | 39.04 0.19 -0.23 | 40.79 0.19 -1.21 | 58.17 0.32 0.00 | 44.71 0.24 -0.52 | 43.75 0.26 -0.29 | 44.94 0.34 -0.98 | 34.39 0.20 -1.54 | 25.69 0.10 -3.64 | 25.60 0.04 -2.84 | 34.91 -0.09 -0.45 | 28.71 -0.09 -1.50 |
| SYRACUSE___POWER 24017 | 31.23 0.07 -0.65 | 31.06 0.03 -0.41 | 31.59 0.01 -0.18 | 32.71 -0.03 -0.07 | 32.69 0.00 -0.38 | 33.42 0.03 -0.62 | 35.37 0.14 -1.52 | 39.22 0.17 0.00 | 43.68 0.29 0.00 | 49.67 0.36 0.00 | 52.47 0.39 0.00 | 47.54 0.52 0.00 | 43.59 0.32 -0.13 | 39.14 0.30 -0.22 | 40.90 0.29 -1.22 | 58.29 0.44 0.00 | 44.82 0.32 -0.54 | 43.80 0.32 -0.29 | 44.97 0.38 -0.96 | 34.44 0.27 -1.52 | 25.68 0.14 -3.60 | 25.67 0.06 -2.88 | 34.95 -0.07 -0.46 | 28.78 -0.07 -1.55 |
| TRIGEN___CC 323695 | 40.84 3.29 -7.05 | 38.15 3.13 -4.40 | 36.44 3.04 -2.00 | 36.48 3.02 -0.79 | 39.53 3.09 -4.14 | 42.76 3.34 -6.65 | 53.44 3.34 -16.38 | 43.38 4.33 0.00 | 48.07 4.68 0.00 | 54.39 5.07 0.00 | 57.58 5.51 0.00 | 52.42 5.40 0.00 | 49.52 4.98 -1.40 | 45.87 4.60 -2.65 | 58.92 4.63 -14.89 | 69.07 6.56 -4.66 | 57.88 5.21 -8.71 | 57.28 5.21 -8.87 | 82.27 5.28 -33.37 | 60.99 3.95 -24.41 | 63.58 2.53 -39.11 | 50.80 2.68 -25.40 | 42.48 3.96 -3.97 | 43.67 3.06 -13.32 |
| UNION___PROCESSING_DRP 323587 | 31.73 0.41 -0.83 | 31.49 0.35 -0.52 | 31.98 0.35 -0.23 | 32.99 0.24 -0.09 | 32.99 0.21 -0.49 | 33.80 0.24 -0.78 | 35.76 0.12 -1.92 | 39.05 0.00 0.00 | 43.61 0.23 0.01 | 49.46 0.46 0.32 | 52.24 0.56 0.40 | 47.63 0.69 0.08 | 43.46 0.17 -0.15 | 38.97 0.21 -0.13 | 40.48 0.39 -0.69 | 57.34 0.69 1.20 | 44.82 0.29 -0.57 | 44.00 0.48 -0.32 | 45.32 0.48 -1.22 | 34.88 0.31 -1.93 | 26.64 0.13 -4.56 | 25.98 -0.12 -3.37 | 34.73 -0.37 -0.55 | 28.64 -0.41 -1.76 |
| UPPER HUDSON___HYD 24058 | 49.69 2.14 -17.05 | 43.32 2.05 -10.65 | 38.39 2.16 -4.83 | 36.81 2.23 -1.92 | 44.60 2.29 -10.01 | 51.17 2.31 -16.09 | 75.96 2.61 -39.63 | 42.23 3.18 0.00 | 47.03 3.64 0.00 | 53.31 3.99 0.00 | 55.91 3.83 0.00 | 50.56 3.54 0.00 | 50.30 3.56 -3.61 | 48.32 3.16 -6.54 | 66.49 3.15 -23.94 | 62.50 4.42 -0.22 | 50.16 3.34 -2.87 | 53.68 3.46 -7.03 | 70.09 3.57 -22.90 | 74.34 2.70 -38.99 | 117.10 1.78 -93.38 | 72.00 1.82 -47.45 | 44.36 2.73 -7.07 | 47.21 2.04 -17.88 |
| UPPER RAQUET___HYD 24056 | 29.05 -0.90 0.54 | 29.65 -0.64 0.34 | 30.59 -0.65 0.15 | 31.97 -0.63 0.06 | 31.37 -0.61 0.32 | 31.65 -0.61 0.52 | 31.87 -0.58 1.27 | 38.52 -0.53 0.00 | 42.63 -0.75 0.00 | 48.68 -0.63 0.00 | 51.44 -1.00 0.06 | 45.96 -1.09 6.63 | 35.41 -1.23 19.38 | 18.01 -1.39 7.98 | 30.03 -1.79 0.00 | 56.05 -1.34 0.00 | 42.72 -1.32 -0.11 | 41.63 -1.32 0.24 | 41.49 -1.32 0.81 | 30.34 -1.02 1.28 | 18.29 -0.63 3.02 | 21.30 -0.43 0.99 | 34.03 -0.42 0.10 | 26.86 -0.43 0.00 |

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| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 36.52 1.46 -4.57 | 34.86 1.38 -2.85 | 34.09 1.40 -1.30 | 34.65 1.47 -0.51 | 36.48 1.50 -2.68 | 38.65 1.57 -4.31 | 46.02 1.69 -10.61 | 41.06 2.02 0.00 | 45.70 2.31 0.00 | 51.88 2.56 0.00 | 54.79 2.72 0.00 | 49.58 2.56 0.00 | 46.30 2.26 -0.91 | 42.37 2.12 -1.63 | 48.99 2.20 -7.40 | 61.67 3.15 -0.67 | 48.49 2.41 -2.13 | 47.59 2.36 -2.04 | 52.77 2.40 -6.75 | 45.11 1.81 -10.66 | 48.27 1.18 -25.15 | 39.50 1.17 -15.61 | 38.14 1.65 -1.93 | 33.51 1.27 -4.94 |
| VISCHER___FERRY HYD 24020 | 48.33 1.93 -15.90 | 42.50 1.94 -9.93 | 37.91 2.01 -4.51 | 36.54 2.09 -1.79 | 43.71 2.08 -9.33 | 49.86 2.09 -15.00 | 72.76 2.08 -36.96 | 41.37 2.32 0.00 | 46.01 2.63 0.00 | 52.22 2.91 0.00 | 54.96 2.89 0.00 | 49.78 2.76 0.00 | 49.26 2.77 -3.36 | 47.13 2.43 -6.08 | 64.44 2.52 -22.52 | 61.63 3.56 -0.22 | 49.61 2.70 -2.95 | 52.52 2.74 -6.59 | 67.89 2.78 -21.49 | 71.12 2.10 -36.37 | 110.35 1.40 -87.00 | 68.99 1.40 -44.86 | 43.40 2.12 -6.73 | 46.10 1.54 -17.27 |
| V_CMM_10_SYNC_DSASP 323787 | 28.92 -1.00 0.58 | 29.37 -0.89 0.37 | 30.30 -0.93 0.17 | 31.67 -0.93 0.07 | 31.02 -0.94 0.34 | 31.27 -0.95 0.55 | 31.39 -0.96 1.36 | 38.03 -1.02 0.00 | 42.07 -1.32 0.00 | 47.99 -1.33 0.00 | 50.69 -1.38 0.00 | 45.28 -1.67 0.07 | 33.40 -1.50 8.24 | 13.09 -1.44 24.09 | 28.00 -1.51 9.88 | 55.82 -2.03 0.00 | 42.46 -1.55 -0.05 | 41.38 -1.55 0.26 | 41.16 -1.60 0.87 | 30.06 -1.22 1.37 | 17.91 -0.79 3.24 | 20.80 -0.73 1.20 | 33.58 -0.86 0.11 | 26.62 -0.67 0.00 |
| V_CMP_10_SYNC_DSASP 323788 | 28.80 -1.11 0.58 | 29.13 -1.12 0.37 | 30.11 -1.12 0.17 | 31.52 -1.08 0.07 | 30.94 -1.02 0.34 | 31.53 -0.70 0.55 | 31.95 -0.41 1.36 | 38.82 -0.23 0.00 | 42.88 -0.51 0.00 | 48.97 -0.35 0.00 | 51.64 -0.43 0.00 | 46.01 -0.94 0.07 | 33.84 -1.05 8.25 | 13.15 -1.36 24.11 | 28.02 -1.49 9.89 | 56.03 -1.82 0.00 | 42.59 -1.41 -0.05 | 41.75 -1.19 0.26 | 41.50 -1.25 0.87 | 30.28 -1.00 1.37 | 17.93 -0.78 3.24 | 20.71 -0.81 1.20 | 33.62 -0.82 0.11 | 26.42 -0.87 0.00 |
| V_F_30_SYNC_DSASP 323786 | 46.97 1.68 -14.79 | 41.55 1.68 -9.24 | 37.31 1.72 -4.20 | 36.12 1.79 -1.67 | 42.75 1.77 -8.68 | 48.49 1.76 -13.96 | 69.77 1.66 -34.39 | 40.74 1.69 0.00 | 45.30 1.91 0.00 | 51.41 2.09 0.00 | 54.16 2.08 0.00 | 49.06 2.05 0.00 | 48.17 2.09 -2.94 | 45.66 1.93 -5.11 | 62.34 1.98 -20.96 | 60.88 2.82 -0.22 | 49.00 2.20 -2.85 | 51.19 2.19 -5.81 | 64.53 2.18 -18.72 | 67.74 1.64 -33.45 | 103.91 1.11 -80.86 | 66.28 1.11 -42.45 | 42.64 1.66 -6.44 | 45.37 1.18 -16.89 |
| V_XM_10_SYNC_DSASP 323789 | 28.80 -1.11 0.58 | 29.13 -1.12 0.37 | 30.11 -1.12 0.17 | 31.52 -1.08 0.07 | 30.94 -1.02 0.34 | 31.53 -0.70 0.55 | 31.95 -0.41 1.36 | 38.82 -0.23 0.00 | 42.88 -0.51 0.00 | 48.97 -0.35 0.00 | 51.64 -0.43 0.00 | 46.01 -0.94 0.07 | 33.84 -1.05 8.25 | 13.15 -1.36 24.11 | 28.02 -1.49 9.89 | 56.03 -1.82 0.00 | 42.59 -1.41 -0.05 | 41.75 -1.19 0.26 | 41.50 -1.25 0.87 | 30.28 -1.00 1.37 | 17.93 -0.78 3.24 | 20.71 -0.81 1.20 | 33.62 -0.82 0.11 | 26.42 -0.87 0.00 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 39.88 2.63 -6.75 | 37.32 2.48 -4.22 | 35.74 2.44 -1.91 | 35.84 2.42 -0.76 | 38.74 2.48 -3.96 | 41.82 2.68 -6.37 | 52.18 2.78 -15.69 | 42.36 3.31 0.00 | 47.07 3.69 0.00 | 53.39 4.08 0.00 | 56.44 4.37 0.00 | 51.27 4.25 0.00 | 48.34 3.86 -1.34 | 44.58 3.69 -2.27 | 52.94 3.92 -9.62 | 62.28 5.55 1.12 | 53.60 4.33 -5.32 | 55.72 4.21 -8.31 | 79.05 4.22 -31.21 | 57.83 3.23 -21.96 | 61.51 2.12 -37.45 | 48.33 2.14 -23.47 | 41.41 3.05 -3.81 | 41.25 2.35 -11.61 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 40.47 2.96 -7.02 | 37.80 2.79 -4.38 | 36.13 2.75 -1.99 | 36.23 2.78 -0.79 | 39.23 2.81 -4.12 | 42.44 3.04 -6.62 | 53.21 3.19 -16.31 | 42.94 3.90 0.00 | 47.79 4.39 0.00 | 54.24 4.92 0.00 | 57.33 5.26 0.00 | 52.13 5.11 0.00 | 49.22 4.68 -1.40 | 45.75 4.41 -2.72 | 60.21 4.64 -16.18 | 70.66 6.57 -6.24 | 58.58 5.09 -9.54 | 56.93 4.92 -8.82 | 81.62 4.85 -33.15 | 59.33 3.65 -23.04 | 63.29 2.40 -38.94 | 49.39 2.43 -24.24 | 41.99 3.49 -3.95 | 41.98 2.68 -12.01 |
| WADING RIVER_IC_1 23522 | 41.37 3.82 -7.05 | 38.69 3.66 -4.40 | 36.93 3.53 -2.00 | 36.97 3.51 -0.79 | 40.04 3.61 -4.14 | 43.27 3.85 -6.65 | 53.92 3.82 -16.38 | 44.16 5.11 0.00 | 48.77 5.38 0.00 | 54.71 5.39 0.00 | 58.09 6.01 0.00 | 53.00 5.98 0.00 | 50.05 5.51 -1.40 | 46.26 4.98 -2.65 | 59.17 4.88 -14.89 | 69.47 6.97 -4.66 | 58.16 5.50 -8.71 | 57.94 5.87 -8.87 | 144.71 5.94 -95.14 | 331.46 4.37 -294.45 | 171.67 2.74 -147.00 | 63.46 2.98 -37.76 | 43.11 4.59 -3.97 | 44.47 3.58 -13.59 |
| WADING RIVER_IC_2 23547 | 41.37 3.82 -7.05 | 38.69 3.66 -4.40 | 36.93 3.53 -2.00 | 36.97 3.51 -0.79 | 40.04 3.61 -4.14 | 43.27 3.85 -6.65 | 53.92 3.82 -16.38 | 44.16 5.11 0.00 | 48.77 5.38 0.00 | 54.71 5.39 0.00 | 58.09 6.01 0.00 | 53.00 5.98 0.00 | 50.05 5.51 -1.40 | 46.26 4.98 -2.65 | 59.17 4.88 -14.89 | 69.47 6.97 -4.66 | 58.16 5.50 -8.71 | 57.94 5.87 -8.87 | 144.71 5.94 -95.14 | 331.46 4.37 -294.45 | 171.67 2.74 -147.00 | 63.46 2.98 -37.76 | 43.11 4.59 -3.97 | 44.47 3.58 -13.59 |
| WADING RIVER_IC_3 23601 | 41.37 3.82 -7.05 | 38.69 3.66 -4.40 | 36.93 3.53 -2.00 | 36.97 3.51 -0.79 | 40.04 3.61 -4.14 | 43.27 3.85 -6.65 | 53.92 3.82 -16.38 | 44.16 5.11 0.00 | 48.77 5.38 0.00 | 54.71 5.39 0.00 | 58.09 6.01 0.00 | 53.00 5.98 0.00 | 50.05 5.51 -1.40 | 46.26 4.98 -2.65 | 59.17 4.88 -14.89 | 69.47 6.97 -4.66 | 58.16 5.50 -8.71 | 57.94 5.87 -8.87 | 144.71 5.94 -95.14 | 331.46 4.37 -294.45 | 171.67 2.74 -147.00 | 63.46 2.98 -37.76 | 43.11 4.59 -3.97 | 44.47 3.58 -13.59 |
| WALDEN___HYDRO 24148 | 39.92 2.45 -6.97 | 37.28 2.30 -4.35 | 35.64 2.27 -1.98 | 35.72 2.27 -0.79 | 38.71 2.32 -4.09 | 41.86 2.51 -6.57 | 52.53 2.62 -16.19 | 42.22 3.17 0.00 | 46.93 3.54 0.00 | 53.22 3.91 0.00 | 56.20 4.13 0.00 | 51.00 3.98 0.00 | 48.15 3.63 -1.38 | 44.49 3.47 -2.40 | 53.97 3.71 -10.87 | 63.13 5.25 -0.04 | 53.84 4.11 -5.78 | 55.35 4.04 -8.11 | 78.02 4.07 -30.32 | 57.85 3.09 -22.11 | 62.59 2.02 -38.62 | 48.73 2.04 -23.98 | 41.34 2.91 -3.87 | 41.21 2.23 -11.69 |
| WARRENSBURG___ 23737 | 49.69 2.14 -17.05 | 43.32 2.05 -10.65 | 38.39 2.16 -4.83 | 36.81 2.23 -1.92 | 44.60 2.29 -10.01 | 51.17 2.31 -16.09 | 75.96 2.61 -39.63 | 42.23 3.18 0.00 | 47.03 3.64 0.00 | 53.31 3.99 0.00 | 55.91 3.83 0.00 | 50.56 3.54 0.00 | 50.30 3.56 -3.61 | 48.32 3.16 -6.54 | 66.49 3.15 -23.94 | 62.50 4.42 -0.22 | 50.16 3.34 -2.87 | 53.68 3.46 -7.03 | 70.09 3.57 -22.90 | 74.34 2.70 -38.99 | 117.10 1.78 -93.38 | 72.00 1.82 -47.45 | 44.36 2.73 -7.07 | 47.21 2.04 -17.88 |
| WATERSIDE___6 8 9 23538 | 40.52 2.98 -7.03 | 37.85 2.83 -4.39 | 36.18 2.79 -1.99 | 36.32 2.86 -0.79 | 39.31 2.89 -4.13 | 42.54 3.14 -6.63 | 53.33 3.28 -16.34 | 43.05 4.00 0.00 | 47.87 4.48 0.00 | 54.33 5.01 0.00 | 57.41 5.34 0.00 | 52.19 5.17 0.00 | 49.26 4.72 -1.40 | 45.78 4.47 -2.69 | 59.64 4.67 -15.57 | 70.00 6.64 -5.51 | 58.23 5.14 -9.14 | 56.98 4.94 -8.84 | 81.76 4.88 -33.25 | 59.44 3.70 -23.09 | 63.39 2.43 -39.02 | 49.48 2.48 -24.28 | 42.08 3.57 -3.96 | 42.06 2.73 -12.04 |
| WDELAWARE___HYD 323627 | 40.66 3.84 -6.32 | 38.22 3.65 -3.95 | 36.85 3.66 -1.79 | 37.16 3.79 -0.71 | 39.85 3.85 -3.71 | 42.85 4.11 -5.96 | 52.75 4.35 -14.68 | 44.16 5.11 0.00 | 49.05 5.66 0.00 | 55.55 6.24 0.00 | 58.54 6.47 0.00 | 53.08 6.06 0.00 | 49.90 5.50 -1.25 | 46.07 5.27 -2.18 | 54.93 5.56 -9.97 | 65.92 8.03 -0.04 | 55.15 6.20 -4.99 | 56.03 6.19 -6.65 | 74.62 6.31 -24.69 | 56.56 4.68 -19.23 | 59.97 3.05 -34.97 | 47.80 3.04 -22.04 | 42.45 4.40 -3.49 | 41.23 3.42 -10.52 |

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| WEST BABYLON___IC 23714 | 41.58 4.04 -7.05 | 38.87 3.84 -4.40 | 37.14 3.75 -2.00 | 37.19 3.73 -0.79 | 40.22 3.79 -4.14 | 43.47 4.05 -6.65 | 54.14 4.04 -16.38 | 44.39 5.33 0.00 | 49.08 5.69 0.00 | 55.41 6.10 0.00 | 58.62 6.55 0.00 | 53.43 6.41 0.00 | 50.44 5.90 -1.40 | 46.66 5.39 -2.65 | 59.63 5.35 -14.89 | 70.15 7.65 -4.66 | 58.84 6.17 -8.71 | 58.36 6.29 -8.87 | 88.55 6.37 -38.56 | 84.52 4.77 -47.11 | 73.17 3.05 -48.18 | 52.39 3.23 -26.44 | 43.37 4.85 -3.97 | 44.56 3.77 -13.50 |
| WEST CANADA___HYD 24049 | 28.78 0.09 1.81 | 29.56 0.07 1.14 | 30.96 0.08 0.51 | 32.53 0.07 0.20 | 31.33 0.10 1.06 | 31.16 0.10 1.71 | 29.61 0.11 4.22 | 39.17 0.12 0.00 | 43.57 0.18 0.00 | 49.49 0.18 0.00 | 52.24 0.17 0.00 | 47.25 0.22 0.00 | 43.30 0.21 0.05 | 39.10 0.19 -0.28 | 37.73 0.16 1.83 | 58.06 0.22 0.01 | 44.21 0.14 -0.12 | 42.56 0.17 0.81 | 41.13 0.19 2.68 | 28.53 0.13 4.25 | 11.99 0.08 10.04 | 18.96 0.07 3.83 | 34.19 0.04 0.40 | 27.04 0.05 0.30 |
| WESTERN_NY_WIND 24143 | 31.76 0.27 -0.99 | 31.47 0.22 -0.62 | 31.94 0.26 -0.28 | 32.84 0.07 -0.11 | 32.87 -0.01 -0.58 | 33.70 -0.01 -0.94 | 35.73 -0.29 -2.30 | 38.43 -0.61 0.00 | 42.99 -0.34 0.06 | 46.14 -0.05 3.13 | 47.35 0.04 4.76 | 42.64 0.24 4.62 | 39.67 -0.63 2.84 | 36.14 -0.37 2.11 | 36.91 -0.03 2.45 | 51.14 0.19 6.90 | 40.43 -0.39 3.14 | 41.31 -0.17 1.72 | 44.20 -0.30 -0.88 | 34.73 -0.23 -2.31 | 27.12 -0.28 -5.47 | 25.97 -0.72 -3.98 | 33.87 -1.23 -0.54 | 27.90 -1.16 -1.76 |
| WESTOVER___LESR 323668 | 33.58 0.67 -2.41 | 32.71 0.58 -1.50 | 32.68 0.60 -0.68 | 33.54 0.61 -0.27 | 34.35 0.64 -1.41 | 35.75 0.70 -2.27 | 40.12 0.81 -5.59 | 39.94 0.90 0.00 | 44.63 1.24 0.00 | 50.72 1.40 0.00 | 53.53 1.46 0.00 | 48.47 1.45 0.00 | 44.71 1.09 -0.48 | 40.78 1.09 -1.06 | 45.61 1.09 -5.12 | 60.82 1.66 -1.31 | 46.54 1.17 -1.41 | 45.47 1.20 -1.07 | 48.48 1.30 -3.56 | 39.25 0.98 -5.62 | 35.81 0.59 -13.28 | 32.33 0.47 -9.14 | 36.43 0.52 -1.35 | 31.82 0.39 -4.14 |
| WETHRSFD_WT_PWR 323626 | 31.26 -0.58 -1.34 | 30.82 -0.64 -0.84 | 31.31 -0.46 -0.38 | 32.21 -0.60 -0.15 | 32.49 -0.59 -0.78 | 33.49 -0.55 -1.26 | 36.24 -0.58 -3.11 | 37.96 -1.09 0.00 | 42.67 -0.76 -0.04 | 51.80 -0.59 -3.07 | 56.81 -0.46 -5.21 | 53.91 -0.06 -6.94 | 47.24 -0.94 -5.04 | 44.30 -0.93 -6.61 | 56.85 -0.57 -18.03 | 81.55 -0.33 -24.03 | 49.95 -0.96 -6.97 | 46.28 -0.68 -3.76 | 45.72 -0.82 -2.92 | 35.16 -0.61 -3.12 | 28.73 -0.58 -7.37 | 26.92 -1.05 -5.25 | 33.50 -1.80 -0.75 | 28.11 -1.58 -2.39 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 39.79 2.53 -6.76 | 37.22 2.37 -4.22 | 35.64 2.33 -1.91 | 35.74 2.32 -0.76 | 38.62 2.36 -3.97 | 41.71 2.56 -6.38 | 52.07 2.65 -15.71 | 42.20 3.15 0.00 | 46.88 3.49 0.00 | 53.15 3.83 0.00 | 56.19 4.12 0.00 | 51.03 4.01 0.00 | 48.13 3.65 -1.34 | 44.40 3.50 -2.27 | 52.74 3.72 -9.62 | 61.94 5.22 1.13 | 53.37 4.09 -5.32 | 55.50 3.97 -8.33 | 78.86 3.97 -31.27 | 57.68 3.03 -21.99 | 61.43 1.99 -37.50 | 48.24 2.03 -23.49 | 41.28 2.91 -3.82 | 41.17 2.25 -11.63 |
| YORK___WARBASSE 23770 | 40.62 3.09 -7.03 | 37.97 2.95 -4.39 | 36.29 2.90 -1.99 | 36.39 2.94 -0.79 | 39.39 2.97 -4.13 | 42.65 3.24 -6.63 | 53.43 3.38 -16.34 | 43.19 4.14 0.00 | 48.01 4.62 0.00 | 54.46 5.14 0.00 | 57.59 5.52 0.00 | 52.37 5.35 0.00 | 49.42 4.88 -1.40 | 45.95 4.63 -2.71 | 59.90 4.85 -15.65 | 70.22 6.87 -5.51 | 58.47 5.30 -9.22 | 57.12 5.08 -8.84 | 81.90 5.03 -33.25 | 59.58 3.84 -23.09 | 63.48 2.52 -39.02 | 49.59 2.58 -24.28 | 42.21 3.70 -3.96 | 42.16 2.83 -12.04 |