

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/26/2021

| 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 | 66.63 | 45.02 | 46.52 | 40.02 | 39.67 | 43.56 | 42.32 | 66.33 | 95.04 | 92.45 | 73.38 | 81.13 | 61.98 | 66.61 | 63.71 | 57.94 | 76.30 | 106.73 | 69.47 | 63.29 | 64.71 | 46.65 | 41.30 | 38.50 |
| 24138 | 3.30 | 0.42 | 0.67 | 1.19 | 1.19 | 2.42 | 2.63 | 6.22 | 3.27 | 4.23 | 4.72 | 3.55 | 5.67 | 3.72 | 2.95 | 2.74 | 1.90 | -0.97 | 3.26 | 5.18 | 4.10 | 3.94 | 2.66 | 0.93 |
| | -24.21 | -39.97 | -38.40 | -25.48 | -25.19 | -16.37 | -15.04 | -2.93 | -62.00 | -49.79 | -24.60 | -44.16 | -6.94 | -30.52 | -35.40 | -31.68 | -58.26 | -115.99 | -38.02 | -13.27 | -25.45 | -7.59 | -14.38 | -28.41 |
| 74TH STREET_GT_1 | 65.28 | 45.07 | 46.58 | 40.07 | 39.74 | 43.66 | 42.41 | 66.49 | 95.02 | 91.89 | 72.23 | 81.16 | 62.18 | 66.76 | 63.83 | 58.05 | 76.41 | 106.76 | 69.59 | 63.45 | 64.86 | 46.79 | 41.39 | 38.56 |
| 24260 | 3.39 | 0.43 | 0.68 | 1.22 | 1.22 | 2.50 | 2.70 | 6.37 | 3.37 | 4.37 | 4.88 | 3.66 | 5.87 | 3.84 | 3.04 | 2.82 | 1.96 | -1.00 | 3.36 | 5.34 | 4.24 | 4.07 | 2.74 | 0.96 |
| | -22.77 | -40.01 | -38.44 | -25.51 | -25.22 | -16.39 | -15.06 | -2.93 | -61.89 | -49.08 | -23.30 | -44.08 | -6.95 | -30.55 | -35.43 | -31.71 | -58.32 | -116.04 | -38.05 | -13.27 | -25.46 | -7.59 | -14.39 | -28.44 |
| 74TH STREET_GT_2 | 65.28 | 45.07 | 46.58 | 40.07 | 39.74 | 43.66 | 42.41 | 66.49 | 95.02 | 91.89 | 72.23 | 81.16 | 62.18 | 66.76 | 63.83 | 58.05 | 76.41 | 106.76 | 69.59 | 63.45 | 64.86 | 46.79 | 41.39 | 38.56 |
| 24261 | 3.39 | 0.43 | 0.68 | 1.22 | 1.22 | 2.50 | 2.70 | 6.37 | 3.37 | 4.37 | 4.88 | 3.66 | 5.87 | 3.84 | 3.04 | 2.82 | 1.96 | -1.00 | 3.36 | 5.34 | 4.24 | 4.07 | 2.74 | 0.96 |
| | -22.77 | -40.01 | -38.44 | -25.51 | -25.22 | -16.39 | -15.06 | -2.93 | -61.89 | -49.08 | -23.30 | -44.08 | -6.95 | -30.55 | -35.43 | -31.71 | -58.32 | -116.04 | -38.05 | -13.27 | -25.46 | -7.59 | -14.39 | -28.44 |
| ADK HUDSON___FALLS | 50.67 | 63.68 | 64.44 | 51.84 | 51.27 | 50.44 | 49.60 | 68.34 | 173.09 | 132.24 | 57.01 | 136.71 | 69.60 | 107.26 | 93.78 | 77.48 | 128.10 | 112.33 | 82.33 | 60.15 | 60.73 | 44.30 | 48.37 | 64.11 |
| 24011 | 3.27 | 0.39 | 0.62 | 1.09 | 1.00 | 1.65 | 1.67 | 4.18 | 2.26 | 2.86 | 3.30 | 2.50 | 3.62 | 2.50 | 1.80 | 1.57 | 1.12 | -0.61 | 2.07 | 3.16 | 2.27 | 2.22 | 1.70 | 0.78 |
| | -8.29 | -58.66 | -56.35 | -37.40 | -36.96 | -24.03 | -23.28 | -6.96 | -141.06 | -90.94 | -9.65 | -100.79 | -16.61 | -72.39 | -66.62 | -52.39 | -110.84 | -121.23 | -52.07 | -12.14 | -23.30 | -6.95 | -22.41 | -54.17 |
| ADK RESOURCE___RCVRY | 50.97 | 63.78 | 64.56 | 51.98 | 51.40 | 50.61 | 49.78 | 68.79 | 173.55 | 132.63 | 57.33 | 137.08 | 69.93 | 107.55 | 94.02 | 77.66 | 128.32 | 112.25 | 82.53 | 60.41 | 60.85 | 44.45 | 48.51 | 64.20 |
| 23798 | 3.56 | 0.43 | 0.69 | 1.20 | 1.10 | 1.80 | 1.82 | 4.62 | 2.49 | 3.13 | 3.62 | 2.74 | 3.94 | 2.69 | 1.96 | 1.71 | 1.22 | -0.66 | 2.24 | 3.43 | 2.41 | 2.37 | 1.82 | 0.81 |
| | -8.29 | -58.72 | -56.41 | -37.44 | -37.01 | -24.06 | -23.31 | -6.98 | -141.29 | -91.06 | -9.65 | -100.92 | -16.63 | -72.49 | -66.69 | -52.43 | -110.96 | -121.20 | -52.10 | -12.14 | -23.29 | -6.94 | -22.43 | -54.23 |
| ADK S GLENS___FALLS | 50.67 | 63.68 | 64.44 | 51.84 | 51.27 | 50.44 | 49.60 | 68.34 | 173.09 | 132.24 | 57.01 | 136.71 | 69.60 | 107.26 | 93.78 | 77.48 | 128.10 | 112.33 | 82.33 | 60.15 | 60.73 | 44.30 | 48.37 | 64.11 |
| 24028 | 3.27 | 0.39 | 0.62 | 1.09 | 1.00 | 1.65 | 1.67 | 4.18 | 2.26 | 2.86 | 3.30 | 2.50 | 3.62 | 2.50 | 1.80 | 1.57 | 1.12 | -0.61 | 2.07 | 3.16 | 2.27 | 2.22 | 1.70 | 0.78 |
| | -8.29 | -58.66 | -56.35 | -37.40 | -36.96 | -24.03 | -23.28 | -6.96 | -141.06 | -90.94 | -9.65 | -100.79 | -16.61 | -72.39 | -66.62 | -52.39 | -110.84 | -121.23 | -52.07 | -12.14 | -23.30 | -6.95 | -22.41 | -54.17 |
| ADK_NYS___DAM | 50.38 | 60.16 | 61.04 | 49.62 | 49.17 | 49.43 | 48.30 | 68.00 | 154.46 | 120.76 | 57.26 | 123.10 | 67.38 | 97.34 | 86.93 | 73.25 | 116.36 | 114.26 | 79.87 | 60.99 | 62.35 | 45.17 | 47.03 | 58.30 |
| 23527 | 3.04 | 0.38 | 0.60 | 1.11 | 1.11 | 2.07 | 1.99 | 4.77 | 2.47 | 3.03 | 3.31 | 2.63 | 3.69 | 2.45 | 1.95 | 1.75 | 1.21 | -0.63 | 2.13 | 3.34 | 2.62 | 2.72 | 2.01 | 0.78 |
| | -8.22 | -55.15 | -52.98 | -35.16 | -34.75 | -22.59 | -21.66 | -6.04 | -122.22 | -79.29 | -9.89 | -87.05 | -14.32 | -62.51 | -59.62 | -47.98 | -99.01 | -123.19 | -49.55 | -12.81 | -24.58 | -7.33 | -20.76 | -48.37 |
| AIR_PRODUCTS___DRP | 48.50 | 59.11 | 59.91 | 48.48 | 48.08 | 48.04 | 46.91 | 65.06 | 146.24 | 114.66 | 54.88 | 116.82 | 64.76 | 92.67 | 83.77 | 71.22 | 112.09 | 117.92 | 78.53 | 59.81 | 62.09 | 44.08 | 45.57 | 56.07 |
| 24190 | 1.41 | 0.15 | 0.25 | 0.49 | 0.54 | 1.02 | 1.03 | 2.17 | 1.14 | 1.43 | 1.59 | 1.22 | 1.87 | 1.23 | 0.94 | 0.86 | 0.60 | -0.31 | 1.02 | 1.59 | 1.27 | 1.30 | 0.93 | 0.36 |
| | -7.98 | -54.34 | -52.20 | -34.64 | -34.24 | -22.26 | -21.23 | -5.70 | -115.34 | -74.79 | -9.24 | -82.17 | -13.52 | -59.07 | -57.47 | -46.83 | -95.35 | -126.51 | -49.33 | -13.37 | -25.66 | -7.65 | -20.38 | -46.55 |
| ALBANY___1 | 48.50 | 59.11 | 59.91 | 48.48 | 48.08 | 48.04 | 46.91 | 65.06 | 146.24 | 114.66 | 54.88 | 116.82 | 64.76 | 92.67 | 83.77 | 71.22 | 112.09 | 117.92 | 78.53 | 59.81 | 62.09 | 44.08 | 45.57 | 56.07 |
| 23571 | 1.41 | 0.15 | 0.25 | 0.49 | 0.54 | 1.02 | 1.03 | 2.17 | 1.14 | 1.43 | 1.59 | 1.22 | 1.87 | 1.23 | 0.94 | 0.86 | 0.60 | -0.31 | 1.02 | 1.59 | 1.27 | 1.30 | 0.93 | 0.36 |
| | -7.98 | -54.34 | -52.20 | -34.64 | -34.24 | -22.26 | -21.23 | -5.70 | -115.34 | -74.79 | -9.24 | -82.17 | -13.52 | -59.07 | -57.47 | -46.83 | -95.35 | -126.51 | -49.33 | -13.37 | -25.66 | -7.65 | -20.38 | -46.55 |
| ALBANY___2 | 48.50 | 59.11 | 59.91 | 48.48 | 48.08 | 48.04 | 46.91 | 65.06 | 146.24 | 114.66 | 54.88 | 116.82 | 64.76 | 92.67 | 83.77 | 71.22 | 112.09 | 117.92 | 78.53 | 59.81 | 62.09 | 44.08 | 45.57 | 56.07 |
| 23572 | 1.41 | 0.15 | 0.25 | 0.49 | 0.54 | 1.02 | 1.03 | 2.17 | 1.14 | 1.43 | 1.59 | 1.22 | 1.87 | 1.23 | 0.94 | 0.86 | 0.60 | -0.31 | 1.02 | 1.59 | 1.27 | 1.30 | 0.93 | 0.36 |
| | -7.98 | -54.34 | -52.20 | -34.64 | -34.24 | -22.26 | -21.23 | -5.70 | -115.34 | -74.79 | -9.24 | -82.17 | -13.52 | -59.07 | -57.47 | -46.83 | -95.35 | -126.51 | -49.33 | -13.37 | -25.66 | -7.65 | -20.38 | -46.55 |
| ALBANY___3 | 48.50 | 59.11 | 59.91 | 48.48 | 48.08 | 48.04 | 46.91 | 65.06 | 146.24 | 114.66 | 54.88 | 116.82 | 64.76 | 92.67 | 83.77 | 71.22 | 112.09 | 117.92 | 78.53 | 59.81 | 62.09 | 44.08 | 45.57 | 56.07 |
| 23573 | 1.41 | 0.15 | 0.25 | 0.49 | 0.54 | 1.02 | 1.03 | 2.17 | 1.14 | 1.43 | 1.59 | 1.22 | 1.87 | 1.23 | 0.94 | 0.86 | 0.60 | -0.31 | 1.02 | 1.59 | 1.27 | 1.30 | 0.93 | 0.36 |
| | -7.98 | -54.34 | -52.20 | -34.64 | -34.24 | -22.26 | -21.23 | -5.70 | -115.34 | -74.79 | -9.24 | -82.17 | -13.52 | -59.07 | -57.47 | -46.83 | -95.35 | -126.51 | -49.33 | -13.37 | -25.66 | -7.65 | -20.38 | -46.55 |
| ALBANY___4 | 48.50 | 59.11 | 59.91 | 48.48 | 48.08 | 48.04 | 46.91 | 65.06 | 146.24 | 114.66 | 54.88 | 116.82 | 64.76 | 92.67 | 83.77 | 71.22 | 112.09 | 117.92 | 78.53 | 59.81 | 62.09 | 44.08 | 45.57 | 56.07 |
| 23574 | 1.41 | 0.15 | 0.25 | 0.49 | 0.54 | 1.02 | 1.03 | 2.17 | 1.14 | 1.43 | 1.59 | 1.22 | 1.87 | 1.23 | 0.94 | 0.86 | 0.60 | -0.31 | 1.02 | 1.59 | 1.27 | 1.30 | 0.93 | 0.36 |
| | -7.98 | -54.34 | -52.20 | -34.64 | -34.24 | -22.26 | -21.23 | -5.70 | -115.34 | -74.79 | -9.24 | -82.17 | -13.52 | -59.07 | -57.47 | -46.83 | -95.35 | -126.51 | -49.33 | -13.37 | -25.66 | -7.65 | -20.38 | -46.55 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 49.05 1.86 -8.07 | 60.43 0.21 -55.60 | 61.21 0.34 -53.41 | 49.44 0.65 -35.44 | 49.03 0.69 -35.03 | 48.84 1.31 -22.78 | 47.78 1.31 -21.81 | 66.17 2.94 -6.04 | 153.52 1.55 -122.20 | 119.43 1.96 -79.04 | 55.61 2.19 -9.36 | 122.16 1.69 -87.05 | 66.24 2.54 -14.33 | 96.59 1.66 -62.56 | 86.50 1.29 -59.85 | 72.95 1.17 -48.26 | 116.34 0.82 -99.38 | 116.22 -0.42 -124.93 | 79.60 1.41 -50.00 | 60.09 2.22 -13.03 | 61.90 1.74 -24.99 | 44.33 1.75 -7.45 | 46.39 1.23 -20.90 | 58.18 0.47 -48.55 |
| ALCOA_RYNLDS___DRP 24188 | 38.35 -0.77 0.00 | 4.50 -0.13 0.00 | 7.25 -0.21 0.00 | 13.02 -0.34 0.00 | 12.93 -0.37 0.00 | 24.10 -0.66 0.00 | 23.84 -0.70 0.11 | 55.36 -1.58 0.25 | 23.83 -0.93 5.01 | 34.20 -1.11 3.13 | 42.94 -0.95 0.16 | 29.07 -0.79 3.57 | 47.58 -1.19 0.59 | 28.81 -0.97 2.58 | 22.87 -0.77 1.71 | 21.87 -0.68 0.97 | 12.72 -0.51 2.91 | -6.08 0.26 -1.94 | 27.06 -0.80 0.32 | 43.97 -1.23 -0.36 | 34.56 -1.28 -0.68 | 34.41 -0.93 -0.20 | 23.29 -0.63 0.33 | 7.57 -0.27 1.31 |
| ALCOA___DSASP 323711 | 38.35 -0.77 0.00 | 4.50 -0.13 0.00 | 7.25 -0.21 0.00 | 13.02 -0.34 0.00 | 12.93 -0.37 0.00 | 24.10 -0.66 0.00 | 23.84 -0.70 0.11 | 55.36 -1.58 0.25 | 23.83 -0.93 5.01 | 34.20 -1.11 3.13 | 42.94 -0.95 0.16 | 29.07 -0.79 3.57 | 47.58 -1.19 0.59 | 28.81 -0.97 2.58 | 22.87 -0.77 1.71 | 21.87 -0.68 0.97 | 12.72 -0.51 2.91 | -6.08 0.26 -1.94 | 27.06 -0.80 0.32 | 43.97 -1.23 -0.36 | 34.56 -1.28 -0.68 | 34.41 -0.93 -0.20 | 23.29 -0.63 0.33 | 7.57 -0.27 1.31 |
| ALLEGHENY___COGEN 23514 | 41.74 1.87 -0.74 | 11.92 0.30 -7.00 | 14.64 0.45 -6.73 | 18.56 0.74 -4.46 | 18.50 0.79 -4.41 | 28.87 1.24 -2.87 | 28.38 1.12 -2.61 | 66.15 3.31 -5.65 | 40.36 1.53 -9.06 | 46.07 1.98 -5.66 | 46.25 1.92 -0.28 | 41.31 1.47 -6.41 | 52.90 2.14 -1.40 | 38.54 1.44 -4.73 | 32.89 0.98 -6.54 | 30.68 0.85 -6.31 | 28.02 0.76 -11.12 | 18.76 -0.43 -27.48 | 39.30 1.51 -9.61 | 53.24 2.52 -5.88 | 43.55 2.16 -6.24 | 38.83 1.84 -1.86 | 28.27 0.94 -3.06 | 14.41 0.29 -4.95 |
| ALTONA_WT_PWR 323606 | 38.21 -0.92 0.00 | 4.44 -0.19 0.00 | 7.22 -0.25 0.00 | 13.14 -0.21 0.00 | 12.91 -0.38 0.00 | 24.39 -0.37 0.00 | 24.26 -0.28 0.11 | 56.52 -0.42 0.25 | 24.24 -0.49 5.04 | 34.70 -0.58 3.15 | 43.54 -0.36 0.16 | 29.53 -0.30 3.59 | 48.22 -0.55 0.60 | 29.04 -0.74 2.60 | 23.00 -0.62 1.74 | 21.97 -0.55 1.01 | 12.75 -0.43 2.95 | -6.45 0.18 -1.66 | 27.15 -0.65 0.39 | 44.01 -1.15 -0.32 | 34.72 -1.05 -0.62 | 34.59 -0.72 -0.18 | 23.50 -0.40 0.35 | 7.67 -0.16 1.32 |
| AMERICAN_REF_FUEL 24010 | 38.53 -1.26 -0.67 | 10.91 0.01 -6.28 | 13.46 -0.03 -6.03 | 17.22 -0.14 -4.00 | 17.08 -0.18 -3.96 | 26.39 -0.95 -2.57 | 25.36 -1.63 -2.34 | 13.06 -3.35 40.79 | 35.54 -2.10 -7.88 | 40.82 -2.56 -4.94 | 41.29 -3.02 -0.25 | 36.43 -2.46 -5.46 | 43.89 -3.66 1.82 | 33.89 -2.56 -4.08 | 28.95 -2.15 -5.74 | 26.87 -2.15 -5.50 | 21.43 -1.28 -6.58 | 16.41 0.61 -24.10 | 22.32 -2.05 3.82 | 27.52 -3.09 14.23 | 38.66 -2.00 -5.51 | 34.69 -2.11 -1.67 | 24.05 -1.87 -1.66 | 12.83 -0.71 -4.39 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 40.97 1.12 -0.73 | 11.72 0.21 -6.88 | 14.35 0.28 -6.61 | 18.14 0.41 -4.39 | 17.93 0.30 -4.34 | 27.55 -0.03 -2.82 | 26.74 -0.47 -2.56 | 94.36 0.52 -36.65 | 38.52 -0.19 -8.93 | 43.91 -0.10 -5.57 | 43.71 -0.62 -0.28 | 39.24 -0.39 -6.21 | 52.05 -0.63 -3.31 | 36.19 -0.87 -4.68 | 30.96 -0.85 -6.45 | 28.78 -1.00 -6.25 | 29.86 -0.48 -14.21 | 19.20 0.21 -27.27 | 45.36 -0.72 -17.88 | 69.08 -0.69 -24.93 | 41.19 -0.14 -6.17 | 36.52 -0.44 -1.83 | 27.39 -0.57 -3.70 | 13.83 -0.21 -4.88 |
| ARTHUR_KILL_GT_1 23520 | 64.88 2.99 -22.77 | 45.05 0.41 -40.01 | 46.55 0.65 -38.44 | 40.02 1.17 -25.51 | 39.68 1.17 -25.22 | 43.57 2.42 -16.39 | 42.22 2.51 -15.06 | 66.01 5.89 -2.93 | 94.74 3.08 -61.89 | 91.61 4.09 -49.08 | 71.84 4.48 -23.30 | 80.93 3.43 -44.08 | 61.97 5.65 -6.95 | 66.54 3.62 -30.55 | 63.66 2.87 -35.43 | 57.88 2.65 -31.71 | 76.22 1.77 -58.32 | 106.84 -0.91 -116.04 | 69.48 3.24 -38.05 | 63.36 5.25 -13.27 | 64.87 4.24 -25.47 | 46.81 4.09 -7.60 | 41.42 2.77 -14.39 | 38.57 0.98 -28.44 |
| ARTHUR_KILL_2 23512 | 64.78 2.89 -22.77 | 45.04 0.40 -40.01 | 46.53 0.63 -38.44 | 39.99 1.14 -25.51 | 39.65 1.14 -25.22 | 43.50 2.35 -16.39 | 42.15 2.44 -15.06 | 65.83 5.71 -2.93 | 94.65 2.99 -61.89 | 91.49 3.97 -49.08 | 71.71 4.36 -23.30 | 80.85 3.35 -44.08 | 61.82 5.51 -6.95 | 66.44 3.52 -30.55 | 63.59 2.80 -35.43 | 57.81 2.58 -31.71 | 76.17 1.72 -58.32 | 106.87 -0.88 -116.04 | 69.39 3.16 -38.05 | 63.21 5.09 -13.27 | 64.75 4.12 -25.47 | 46.70 3.98 -7.60 | 41.36 2.71 -14.39 | 38.54 0.95 -28.44 |
| ARTHUR_KILL_3 23513 | 65.64 2.91 -23.61 | 44.99 0.38 -39.99 | 46.48 0.60 -38.41 | 39.92 1.08 -25.49 | 39.58 1.08 -25.20 | 43.39 2.25 -16.38 | 42.14 2.44 -15.05 | 65.85 5.73 -2.93 | 94.72 3.00 -61.95 | 91.76 3.83 -49.49 | 72.35 4.23 -24.06 | 80.73 3.18 -44.13 | 61.52 5.21 -6.94 | 66.34 3.43 -30.53 | 63.50 2.73 -35.41 | 57.75 2.54 -31.69 | 76.18 1.76 -58.28 | 106.84 -0.89 -116.01 | 69.19 2.97 -38.03 | 62.88 4.77 -13.27 | 64.41 3.79 -25.46 | 46.37 3.65 -7.59 | 41.12 2.48 -14.38 | 38.44 0.86 -28.42 |
| ARTHUR_KILL_COGEN 323718 | 64.88 2.99 -22.77 | 45.05 0.41 -40.01 | 46.55 0.65 -38.44 | 40.02 1.17 -25.51 | 39.68 1.17 -25.22 | 43.57 2.42 -16.39 | 42.22 2.51 -15.06 | 66.01 5.89 -2.93 | 94.74 3.08 -61.89 | 91.61 4.09 -49.08 | 71.84 4.48 -23.30 | 80.93 3.43 -44.08 | 61.97 5.65 -6.95 | 66.54 3.62 -30.55 | 63.66 2.87 -35.43 | 57.88 2.65 -31.71 | 76.22 1.77 -58.32 | 106.84 -0.91 -116.04 | 69.48 3.24 -38.05 | 63.36 5.25 -13.27 | 64.87 4.24 -25.47 | 46.81 4.09 -7.60 | 41.42 2.77 -14.39 | 38.57 0.98 -28.44 |
| ASHOKAN____ 23654 | 45.62 2.07 -4.42 | 46.55 0.26 -41.66 | 47.89 0.41 -40.02 | 40.64 0.73 -26.56 | 40.30 0.74 -26.26 | 43.38 1.55 -17.07 | 42.24 1.76 -15.83 | 64.96 4.38 -3.39 | 100.33 2.36 -68.20 | 84.19 3.15 -42.60 | 49.72 3.53 -2.14 | 84.68 2.69 -48.58 | 61.59 4.17 -8.05 | 70.47 2.76 -35.33 | 66.56 2.16 -39.03 | 59.64 2.00 -34.12 | 81.93 1.41 -64.38 | 107.93 -0.73 -116.95 | 70.46 2.54 -39.73 | 62.00 3.98 -13.18 | 63.53 3.08 -25.29 | 45.55 2.88 -7.54 | 41.47 1.88 -15.33 | 41.10 0.64 -31.30 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT2_I 24094 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |

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| ASTORIA_GT2_2 24095 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT2_3 24096 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT2_4 24097 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT3_1 24098 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT3_2 24099 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT3_3 24100 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA_GT3_4 24101 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64. | | | |

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| ASTORIA_GT_13 24227 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| ASTORIA_GT_5 24106 | 65.50 3.61 -22.77 | 45.08 0.44 -40.01 | 46.61 0.71 -38.44 | 40.13 1.27 -25.51 | 39.80 1.28 -25.22 | 43.75 2.60 -16.39 | 42.46 2.75 -15.06 | 66.54 6.42 -2.93 | 95.08 3.43 -61.89 | 91.89 4.37 -49.08 | 72.19 4.83 -23.30 | 81.16 3.66 -44.08 | 62.24 5.92 -6.95 | 66.76 3.83 -30.55 | 63.84 3.05 -35.43 | 58.07 2.85 -31.71 | 76.40 1.94 -58.32 | 106.76 -0.99 -116.04 | 69.57 3.33 -38.05 | 63.48 5.37 -13.27 | 64.89 4.27 -25.46 | 46.81 4.09 -7.59 | 41.42 2.77 -14.39 | 38.55 0.96 -28.44 |
| ASTORIA_GT_7 24107 | 65.50 3.61 -22.77 | 45.08 0.44 -40.01 | 46.61 0.71 -38.44 | 40.13 1.27 -25.51 | 39.80 1.28 -25.22 | 43.75 2.60 -16.39 | 42.46 2.75 -15.06 | 66.54 6.42 -2.93 | 95.08 3.43 -61.89 | 91.89 4.37 -49.08 | 72.19 4.83 -23.30 | 81.16 3.66 -44.08 | 62.24 5.92 -6.95 | 66.76 3.83 -30.55 | 63.84 3.05 -35.43 | 58.07 2.85 -31.71 | 76.40 1.94 -58.32 | 106.76 -0.99 -116.04 | 69.57 3.33 -38.05 | 63.48 5.37 -13.27 | 64.89 4.27 -25.46 | 46.81 4.09 -7.59 | 41.42 2.77 -14.39 | 38.55 0.96 -28.44 |
| ASTORIA_GT_8 24108 | 65.50 3.61 -22.77 | 45.08 0.44 -40.01 | 46.61 0.71 -38.44 | 40.13 1.27 -25.51 | 39.80 1.28 -25.22 | 43.75 2.60 -16.39 | 42.46 2.75 -15.06 | 66.54 6.42 -2.93 | 95.08 3.43 -61.89 | 91.89 4.37 -49.08 | 72.19 4.83 -23.30 | 81.16 3.66 -44.08 | 62.24 5.92 -6.95 | 66.76 3.83 -30.55 | 63.84 3.05 -35.43 | 58.07 2.85 -31.71 | 76.40 1.94 -58.32 | 106.76 -0.99 -116.04 | 69.57 3.33 -38.05 | 63.48 5.37 -13.27 | 64.89 4.27 -25.46 | 46.81 4.09 -7.59 | 41.42 2.77 -14.39 | 38.55 0.96 -28.44 |
| ASTORIA___2 24149 | 65.43 3.54 -22.77 | 45.08 0.44 -40.01 | 46.60 0.70 -38.44 | 40.10 1.25 -25.51 | 39.77 1.26 -25.22 | 43.72 2.57 -16.39 | 42.42 2.71 -15.06 | 66.44 6.32 -2.93 | 95.02 3.37 -61.89 | 91.81 4.30 -49.08 | 72.10 4.74 -23.30 | 81.09 3.59 -44.08 | 62.13 5.81 -6.95 | 66.69 3.77 -30.55 | 63.79 2.99 -35.43 | 58.03 2.80 -31.71 | 76.37 1.91 -58.32 | 106.78 -0.97 -116.04 | 69.52 3.28 -38.05 | 63.38 5.27 -13.27 | 64.81 4.19 -25.46 | 46.74 4.02 -7.59 | 41.38 2.73 -14.39 | 38.54 0.94 -28.44 |
| ASTORIA___3 23516 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| ASTORIA___4 23517 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| ASTORIA___5 23518 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| AST_ENERGY_2_CC3 323677 | 65.84 3.11 -23.61 | 45.01 0.40 -39.99 | 46.52 0.65 -38.41 | 39.99 1.15 -25.49 | 39.66 1.16 -25.20 | 43.52 2.38 -16.38 | 42.25 2.54 -15.05 | 66.09 5.98 -2.93 | 94.87 3.15 -61.95 | 91.99 4.06 -49.49 | 72.63 4.51 -24.06 | 80.94 3.39 -44.13 | 61.78 5.47 -6.94 | 66.50 3.59 -30.53 | 63.61 2.84 -35.41 | 57.84 2.63 -31.69 | 76.24 1.82 -58.28 | 106.80 -0.93 -116.01 | 69.34 3.12 -38.03 | 63.09 4.98 -13.27 | 64.57 3.95 -25.46 | 46.51 3.79 -7.59 | 41.22 2.57 -14.38 | 38.47 0.90 -28.42 |
| AST_ENERGY_2_CC4 323678 | 65.84 3.11 -23.61 | 45.01 0.40 -39.99 | 46.52 0.65 -38.41 | 39.99 1.15 -25.49 | 39.66 1.16 -25.20 | 43.52 2.38 -16.38 | 42.25 2.54 -15.05 | 66.09 5.98 -2.93 | 94.87 3.15 -61.95 | 91.99 4.06 -49.49 | 72.63 4.51 -24.06 | 80.94 3.39 -44.13 | 61.78 5.47 -6.94 | 66.50 3.59 -30.53 | 63.61 2.84 -35.41 | 57.84 2.63 -31.69 | 76.24 1.82 -58.28 | 106.80 -0.93 -116.01 | 69.34 3.12 -38.03 | 63.09 4.98 -13.27 | 64.57 3.95 -25.46 | 46.51 3.79 -7.59 | 41.22 2.57 -14.38 | 38.47 0.90 -28.42 |
| ATHENS_STG_1 23668 | 48.82 1.92 -7.78 | 50.48 0.24 -45.62 | 51.67 0.40 -43.82 | 43.12 0.69 -29.08 | 42.72 0.68 -28.74 | 44.75 1.31 -18.69 | 43.12 1.38 -17.09 | 63.54 3.19 -3.17 | 96.12 1.67 -64.68 | 84.67 2.13 -44.10 | 56.03 2.37 -9.61 | 81.30 1.81 -46.07 | 59.70 2.83 -7.51 | 67.24 1.86 -33.01 | 64.92 1.46 -38.10 | 58.89 1.35 -34.02 | 79.80 0.94 -62.73 | 115.03 -0.47 -123.79 | 70.51 1.61 -40.72 | 61.54 2.55 -14.14 | 64.35 2.06 -27.13 | 45.25 2.03 -8.09 | 41.07 1.38 -15.42 | 40.73 0.50 -31.07 |
| ATHENS_STG_2 23670 | 48.82 1.92 -7.78 | 50.48 0.24 -45.62 | 51.67 0.40 -43.82 | 43.12 0.69 -29.08 | 42.72 0.68 -28.74 | 44.75 1.31 -18.69 | 43.12 1.38 -17.09 | 63.54 3.19 -3.17 | 96.12 1.67 -64.68 | 84.67 2.13 -44.10 | 56.03 2.37 -9.61 | 81.30 1.81 -46.07 | 59.70 2.83 -7.51 | 67.24 1.86 -33.01 | 64.92 1.46 -38.10 | 58.89 1.35 -34.02 | 79.80 0.94 -62.73 | 115.03 -0.47 -123.79 | 70.51 1.61 -40.72 | 61.54 2.55 -14.14 | 64.35 2.06 -27.13 | 45.25 2.03 -8.09 | 41.07 1.38 -15.42 | 40.73 0.50 -31.07 |
| ATHENS_STG_3 23677 | 48.82 1.92 -7.78 | 50.48 0.24 -45.62 | 51.67 0.40 -43.82 | 43.12 0.69 -29.08 | 42.72 0.68 -28.74 | 44.75 1.31 -18.69 | 43.12 1.38 -17.09 | 63.54 3.19 -3.17 | 96.12 1.67 -64.68 | 84.67 2.13 -44.10 | 56.03 2.37 -9.61 | 81.30 1.81 -46.07 | 59.70 2.83 -7.51 | 67.24 1.86 -33.01 | 64.92 1.46 -38.10 | 58.89 1.35 -34.02 | 79.80 0.94 -62.73 | 115.03 -0.47 -123.79 | 70.51 1.61 -40.72 | 61.54 2.55 -14.14 | 64.35 2.06 -27.13 | 45.25 2.03 -8.09 | 41.07 1.38 -15.42 | 40.73 0.50 -31.07 |
| AUBURN___LFGE 323710 | 40.23 0.56 -0.55 | 9.92 0.10 -5.20 | 12.62 0.16 -4.99 | 16.93 0.26 -3.31 | 16.81 0.23 -3.27 | 27.25 0.36 -2.13 | 26.88 0.31 -1.92 | 58.51 1.02 -0.30 | 36.44 0.58 -6.09 | 42.80 0.56 -3.81 | 44.95 0.71 -0.19 | 38.22 0.46 -4.34 | 50.87 0.78 -0.72 | 36.18 0.62 -3.18 | 30.45 0.46 -4.63 | 28.37 0.30 -4.55 | 23.94 0.25 -7.55 | 12.22 -0.14 -20.65 | 34.71 0.45 -6.07 | 48.18 0.88 -2.46 | 40.51 0.63 -4.72 | 37.10 0.57 -1.41 | 26.75 0.35 -2.14 | 12.78 0.12 -3.50 |
| BABYLON_RES_REC 323704 | 64.19 3.97 -21.09 | 45.15 0.46 -40.07 | 46.70 0.75 -38.49 | 40.26 1.36 -25.54 | 40.01 1.46 -25.25 | 44.07 2.90 -16.41 | 42.61 2.88 -15.08 | 66.69 6.57 -2.93 | 95.87 3.72 -62.38 | 94.14 4.91 -50.80 | 75.61 5.35 -26.21 | 81.79 3.93 -44.43 | 62.45 6.13 -6.96 | 66.98 4.01 -30.60 | 64.26 3.27 -35.63 | 71.92 3.08 -45.32 | 87.20 2.13 -68.94 | 129.88 -1.06 -139.23 | 207.93 3.59 -176.16 | 63.51 5.39 -13.28 | 72.33 4.54 -32.63 | 46.80 4.08 -7.60 | 41.75 3.09 -14.40 | 38.78 1.15 -28.47 |

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| BARRETT_IC_1 23704 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_10 23701 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_11 23702 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_12 23703 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_2 23705 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_3 23706 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.22 -13.28 | 67.28 4.20 -27.93 | 46.62 3.90 -7.60 | 41.44 2.78 -14.40 | 38.65 1.02 -28.47 |
| BARRETT_IC_4 23707 | 63.98 3.77 -21.09 | 45.13 0.44 -40.07 | 46.66 0.71 -38.49 | 40.17 1.28 -25.54 | 39.90 1.35 -25.25 | 43.85 2.68 -16.41 | 42.51 2.79 -15.08 | 66.48 6.36 -2.93 | 95.67 3.52 -62.38 | 93.87 4.63 -50.80 | 75.31 5.05 -26.21 | 81.61 3.75 -44.43 | 62.25 5.93 -6.96 | 66.89 3.92 -30.60 | 64.16 3.18 -35.63 | 71.78 2.95 -45.32 | 87.10 2.03 -68.94 | 126.07 -1.02 -135.38 | 188.46 3.38 -156.89 | 63.34 5.2 | | | | |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG10 323750 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG2 323683 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG3 323684 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG4 323685 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG5 323686 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG6 323687 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG7 323688 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG8 323689 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BAYONEEC___CTG9 323749 | 65.77 3.05 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.96 1.12 -25.49 | 39.63 1.13 -25.20 | 43.47 2.33 -16.38 | 42.21 2.51 -15.05 | 66.03 5.91 -2.93 | 94.83 3.11 -61.95 | 91.91 3.99 -49.49 | 72.54 4.42 -24.06 | 80.87 3.32 -44.13 | 61.70 5.39 -6.94 | 66.44 3.54 -30.53 | 63.57 2.81 -35.41 | 57.82 2.61 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.91 -116.01 | 69.30 3.08 -38.03 | 63.03 4.92 -13.27 | 64.53 3.91 -25.46 | 46.48 3.76 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.42 |
| BEACON___LESR 323632 | 49.25 2.14 -7.98 | 59.25 0.25 -54.38 | 60.12 0.42 -52.24 | 48.79 0.78 -34.67 | 48.37 0.80 -34.27 | 48.54 1.50 -22.28 | 47.44 1.55 -21.25 | 66.76 3.86 -5.71 | 147.42 2.10 -115.55 | 116.03 2.66 -74.93 | 56.13 2.82 -9.25 | 117.90 2.16 -82.32 | 66.27 3.36 -13.55 | 93.70 2.17 -59.17 | 84.56 1.68 -57.51 | 71.91 1.55 -46.84 | 112.72 1.15 -95.43 | 117.39 -0.56 -126.24 | 79.38 1.91 -49.29 | 61.22 3.04 -13.34 | 63.14 2.40 -25.59 | 45.07 2.32 -7.63 | 46.23 1.59 -20.38 | 56.34 0.58 -46.60 |
| BEAVER RIVER___HYD 24048 | 39.35 0.10 -0.12 | 5.76 -0.03 -1.16 | 8.51 -0.07 -1.11 | 13.96 -0.13 -0.74 | 14.00 -0.03 -0.73 | 25.29 0.06 -0.47 | 25.32 0.27 -0.40 | 58.01 0.82 0.00 | 30.26 0.49 0.00 | 39.00 0.57 0.00 | 44.71 0.66 0.00 | 33.89 0.47 0.00 | 49.88 0.51 0.00 | 31.49 0.16 1.04 | 24.13 -0.01 1.21 | 23.19 -0.10 0.23 | 13.90 -0.10 2.13 | -0.84 0.02 -7.42 | 29.11 -0.07 -0.99 | 45.82 -0.07 -1.05 | 37.06 -0.12 -2.02 | 35.59 -0.13 -0.60 | 24.11 -0.20 -0.05 | 7.88 -0.12 1.15 |
| BEEBEE_GT_13 23619 | 39.89 0.27 -0.50 | 9.46 0.10 -4.73 | 12.16 0.15 -4.55 | 16.60 0.23 -3.02 | 16.52 0.24 -2.98 | 26.88 0.18 -1.94 | 26.36 -0.04 -1.75 | 56.55 0.16 0.80 | 35.44 0.07 -5.59 | 42.10 0.16 -3.50 | 44.28 0.05 -0.17 | 37.36 -0.06 -4.00 | 49.68 -0.29 -0.60 | 35.31 0.02 -2.92 | 29.52 -0.05 -4.21 | 27.52 -0.13 -4.12 | 22.86 0.01 -6.71 | 10.23 -0.04 -18.56 | 33.47 0.09 -5.19 | 46.24 0.15 -1.25 | 39.71 0.31 -4.24 | 36.50 0.11 -1.26 | 26.03 -0.15 -1.92 | 12.27 -0.08 -3.20 |
| BETHLEHEM___GRP 23843 | 48.50 1.41 -7.98 | 59.11 0.15 -54.34 | 59.91 0.25 -52.20 | 48.48 0.49 -34.64 | 48.08 0.54 -34.24 | 48.04 1.02 -22.26 | 46.91 1.03 -21.23 | 65.06 2.17 -5.70 | 146.24 1.14 -115.34 | 114.66 1.43 -74.79 | 54.88 1.59 -9.24 | 116.82 1.22 -82.17 | 64.76 1.87 -13.52 | 92.67 1.23 -59.07 | 83.77 0.94 -57.47 | 71.22 0.86 -46.83 | 112.09 0.60 -95.35 | 117.92 -0.31 -126.51 | 78.53 1.02 -49.33 | 59.81 1.59 -13.37 | 62.09 1.27 -25.66 | 44.08 1.30 -7.65 | 45.57 0.93 -20.38 | 56.07 0.36 -46.55 |
| BETHLEHEM___GS1 323560 | 48.50 1.41 -7.98 | 59.11 0.15 -54.34 | 59.91 0.25 -52.20 | 48.48 0.49 -34.64 | 48.08 0.54 -34.24 | 48.04 1.02 -22.26 | 46.91 1.03 -21.23 | 65.06 2.17 -5.70 | 146.24 1.14 -115.34 | 114.66 1.43 -74.79 | 54.88 1.59 -9.24 | 116.82 1.22 -82.17 | 64.76 1.87 -13.52 | 92.67 1.23 -59.07 | 83.77 0.94 -57.47 | 71.22 0.86 -46.83 | 112.09 0.60 -95.35 | 117.92 -0.31 -126.51 | 78.53 1.02 -49.33 | 59.81 1.59 -13.37 | 62.09 1.27 -25.66 | 44.08 1.30 -7.65 | 45.57 0.93 -20.38 | 56.07 0.36 -46.55 |
| BETHLEHEM___GS2 323561 | 48.50 1.41 -7.98 | 59.11 0.15 -54.34 | 59.91 0.25 -52.20 | 48.48 0.49 -34.64 | 48.08 0.54 -34.24 | 48.04 1.02 -22.26 | 46.91 1.03 -21.23 | 65.06 2.17 -5.70 | 146.24 1.14 -115.34 | 114.66 1.43 -74.79 | 54.88 1.59 -9.24 | 116.82 1.22 -82.17 | 64.76 1.87 -13.52 | 92.67 1.23 -59.07 | 83.77 0.94 -57.47 | 71.22 0.86 -46.83 | 112.09 0.60 -95.35 | 117.92 -0.31 -126.51 | 78.53 1.02 -49.33 | 59.81 1.59 -13.37 | 62.09 1.27 -25.66 | 44.08 1.30 -7.65 | 45.57 0.93 -20.38 | 56.07 0.36 -46.55 |

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|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 48.50 1.41 -7.98 | 59.11 0.15 -54.34 | 59.91 0.25 -52.20 | 48.48 0.49 -34.64 | 48.08 0.54 -34.24 | 48.04 1.02 -22.26 | 46.91 1.03 -21.23 | 65.06 2.17 -5.70 | 146.24 1.14 -115.34 | 114.66 1.43 -74.79 | 54.88 1.59 -9.24 | 116.82 1.22 -82.17 | 64.76 1.87 -13.52 | 92.67 1.23 -59.07 | 83.77 0.94 -57.47 | 71.22 0.86 -46.83 | 112.09 0.60 -95.35 | 117.92 -0.31 -126.51 | 78.53 1.02 -49.33 | 59.81 1.59 -13.37 | 62.09 1.27 -25.66 | 44.08 1.30 -7.65 | 45.57 0.93 -20.38 | 56.07 0.36 -46.55 |
| BETHLEHEM___STEEL 23779 | 39.95 0.12 -0.70 | 11.42 0.15 -6.64 | 14.05 0.20 -6.38 | 17.87 0.29 -4.23 | 17.75 0.26 -4.18 | 27.45 -0.03 -2.72 | 26.56 -0.56 -2.47 | 96.27 -0.63 -39.71 | 37.67 -0.68 -8.57 | 43.01 -0.77 -5.34 | 43.09 -1.23 -0.27 | 38.45 -0.91 -5.94 | 51.45 -1.39 -3.47 | 35.81 -1.05 -4.49 | 30.59 -0.97 -6.21 | 28.48 -1.07 -6.02 | 29.64 -0.54 -14.04 | 18.30 0.23 -26.36 | 45.84 -0.78 -18.44 | 70.03 -1.01 -26.20 | 40.81 -0.31 -5.96 | 36.37 -0.52 -1.76 | 27.20 -0.72 -3.66 | 13.57 -0.28 -4.70 |
| BETHPAGE_CC_5 323564 | 64.05 3.84 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.20 1.31 -25.54 | 39.95 1.40 -25.25 | 43.95 2.78 -16.41 | 42.65 2.92 -15.08 | 66.84 6.72 -2.93 | 95.92 3.77 -62.38 | 94.19 4.95 -50.80 | 75.64 5.38 -26.21 | 81.82 3.96 -44.43 | 62.53 6.20 -6.96 | 67.04 4.07 -30.60 | 64.30 3.31 -35.63 | 71.93 3.09 -45.32 | 87.22 2.14 -68.94 | 128.07 -1.08 -137.44 | 202.02 3.68 -170.16 | 63.68 5.56 -13.28 | 70.14 4.54 -30.45 | 46.84 4.12 -7.60 | 41.59 2.93 -14.40 | 38.75 1.12 -28.47 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 40.23 0.40 -0.71 | 11.49 0.18 -6.69 | 14.14 0.25 -6.43 | 17.99 0.38 -4.27 | 17.86 0.35 -4.22 | 27.67 0.16 -2.74 | 26.81 -0.33 -2.49 | 100.25 -0.05 -43.11 | 38.04 -0.39 -8.66 | 43.43 -0.41 -5.39 | 43.49 -0.83 -0.27 | 38.83 -0.60 -6.00 | 52.19 -0.89 -3.71 | 36.18 -0.73 -4.54 | 30.90 -0.72 -6.26 | 28.78 -0.83 -6.08 | 30.09 -0.37 -14.32 | 18.47 0.14 -26.61 | 47.12 -0.49 -19.42 | 71.71 -0.54 -27.40 | 41.22 0.04 -6.02 | 36.72 -0.18 -1.78 | 27.54 -0.49 -3.77 | 13.70 -0.19 -4.74 |
| BINGHAMTON___COGEN 23790 | 41.32 0.80 -1.41 | 18.01 0.12 -13.27 | 20.40 0.20 -12.74 | 22.12 0.31 -8.46 | 22.00 0.34 -8.36 | 30.80 0.61 -5.43 | 30.22 0.58 -4.99 | 61.68 1.62 -2.87 | 49.72 0.75 -19.20 | 51.38 0.95 -11.99 | 45.59 0.93 -0.60 | 47.85 0.77 -13.65 | 53.02 1.27 -2.38 | 43.16 0.76 -10.02 | 39.19 0.58 -13.25 | 36.60 0.53 -12.55 | 38.46 0.42 -21.90 | 44.18 -0.22 -52.68 | 45.52 0.73 -16.60 | 53.46 1.23 -7.38 | 48.10 1.06 -11.87 | 39.59 0.92 -3.54 | 30.66 0.53 -5.87 | 19.35 0.20 -9.99 |
| BLACK RIVER___HYD 24047 | 39.32 0.00 -0.20 | 6.45 -0.05 -1.88 | 9.14 -0.13 -1.81 | 14.27 -0.28 -1.20 | 14.40 -0.08 -1.19 | 25.45 -0.08 -0.77 | 25.51 0.22 -0.65 | 57.95 0.76 0.00 | 30.30 0.54 0.00 | 39.01 0.58 0.00 | 44.59 0.53 0.00 | 33.86 0.44 0.00 | 49.76 0.39 0.00 | 32.53 0.11 -0.04 | 26.44 -0.06 -1.14 | 24.78 -0.22 -1.48 | 17.72 -0.22 -1.81 | 1.68 0.08 -9.88 | 30.40 -0.25 -2.46 | 45.76 -0.31 -1.24 | 37.32 -0.21 -2.38 | 35.51 -0.33 -0.71 | 24.66 -0.36 -0.76 | 9.74 -0.17 -0.76 |
| BLISS_WT_PWR 323608 | 40.93 1.08 -0.74 | 11.84 0.25 -6.96 | 14.52 0.37 -6.69 | 18.36 0.57 -4.44 | 18.21 0.52 -4.39 | 28.17 0.56 -2.85 | 27.43 0.19 -2.59 | 95.29 1.17 -36.94 | 38.82 0.00 -9.06 | 43.94 -0.15 -5.65 | 43.41 -0.93 -0.28 | 38.84 -0.88 -6.30 | 51.63 -1.11 -3.36 | 36.37 -0.75 -4.75 | 31.03 -0.86 -6.54 | 28.82 -1.03 -6.33 | 29.77 -0.56 -14.19 | 19.59 0.27 -27.62 | 46.04 -0.22 -18.07 | 68.61 -0.34 -24.10 | 41.72 0.31 -6.25 | 37.20 0.22 -1.85 | 27.93 -0.08 -3.75 | 14.11 0.01 -4.94 |
| BLUE_CIRC_CHEM_DRP 24182 | 48.48 1.89 -7.47 | 53.62 0.22 -48.77 | 54.67 0.36 -46.85 | 45.08 0.64 -31.09 | 44.71 0.67 -30.73 | 45.98 1.24 -19.98 | 44.69 1.23 -18.81 | 64.51 2.75 -4.58 | 123.92 1.43 -92.72 | 100.82 1.80 -60.58 | 54.45 2.04 -8.35 | 101.06 1.59 -66.05 | 62.56 2.33 -10.86 | 81.31 1.43 -47.50 | 75.25 1.10 -48.78 | 65.53 0.99 -41.02 | 97.52 0.67 -80.72 | 115.81 -0.34 -124.44 | 74.62 1.14 -45.29 | 60.12 1.68 -13.61 | 62.58 1.32 -26.10 | 44.34 1.43 -7.79 | 43.42 1.05 -18.12 | 48.90 0.40 -39.35 |
| BOC_GAS_DRP 24189 | 48.67 1.69 -7.86 | 58.02 0.20 -53.20 | 58.90 0.33 -51.10 | 47.87 0.60 -33.91 | 47.43 0.61 -33.52 | 47.72 1.17 -21.79 | 46.54 1.19 -20.70 | 65.29 2.70 -5.40 | 140.45 1.41 -109.27 | 111.24 1.79 -71.01 | 55.11 2.00 -9.05 | 112.80 1.54 -77.85 | 64.52 2.34 -12.81 | 89.88 1.54 -55.97 | 82.02 1.20 -55.45 | 70.31 1.10 -45.68 | 108.82 0.76 -91.93 | 120.05 -0.39 -128.72 | 78.41 1.30 -48.93 | 60.68 2.06 -13.78 | 63.25 1.65 -26.45 | 44.67 1.65 -7.89 | 45.40 1.16 -19.99 | 54.40 0.43 -44.81 |
| BORALEX_4TH_BRANCH 23824 | 50.38 3.04 -8.22 | 60.16 0.38 -55.15 | 61.04 0.60 -52.98 | 49.62 1.11 -35.16 | 49.17 1.11 -34.75 | 49.43 2.07 -22.59 | 48.30 1.99 -21.66 | 68.00 4.77 -6.04 | 154.46 2.47 -122.22 | 120.76 3.03 -79.29 | 57.26 3.31 -9.89 | 123.10 2.63 -87.05 | 67.38 3.69 -14.32 | 97.34 2.45 -62.51 | 86.93 1.95 -59.62 | 73.25 1.75 -47.98 | 116.36 1.21 -99.01 | 114.26 -0.63 -123.19 | 79.87 2.13 -49.55 | 60.99 3.34 -12.81 | 62.35 2.62 -24.58 | 45.17 2.72 -7.33 | 47.03 2.01 -20.76 | 58.30 0.78 -48.37 |
| BOWLINE___1 23526 | 32.21 2.54 9.44 | 41.80 0.33 -36.85 | 43.38 0.52 -35.40 | 37.77 0.93 -23.49 | 37.44 0.92 -23.22 | 41.75 1.89 -15.09 | 40.53 2.01 -13.86 | 64.63 4.76 -2.69 | 81.62 2.43 -49.42 | 56.61 3.13 -15.04 | 16.64 3.48 30.90 | 71.27 2.67 -35.18 | 60.05 4.30 -6.38 | 63.28 2.84 -28.07 | 60.77 2.25 -33.16 | 55.54 2.09 -29.93 | 72.17 1.49 -54.54 | 102.99 -0.77 -112.05 | 67.10 2.61 -36.30 | 61.89 4.18 -12.88 | 63.19 3.32 -24.70 | 45.67 3.17 -7.37 | 39.99 2.09 -13.63 | 36.27 0.73 -26.38 |
| BOWLINE___2 23595 | 32.18 2.52 9.46 | 41.81 0.33 -36.85 | 43.38 0.52 -35.40 | 37.77 0.93 -23.49 | 37.44 0.91 -23.22 | 41.74 1.88 -15.10 | 40.52 2.00 -13.87 | 64.61 4.73 -2.69 | 81.60 2.41 -49.42 | 56.57 3.11 -15.02 | 16.56 3.45 30.95 | 71.25 2.65 -35.18 | 60.02 4.28 -6.38 | 63.27 2.82 -28.07 | 60.77 2.24 -33.17 | 55.54 2.08 -29.94 | 72.18 1.49 -54.55 | 102.99 -0.77 -112.05 | 67.08 2.59 -36.31 | 61.87 4.15 -12.88 | 63.17 3.30 -24.70 | 45.66 3.16 -7.37 | 39.97 2.08 -13.63 | 36.27 0.72 -26.39 |
| BROOKHAVEN___DRP 24191 | 63.69 3.48 -21.09 | 45.08 0.39 -40.07 | 46.60 0.65 -38.49 | 40.09 1.20 -25.54 | 39.94 1.39 -25.25 | 43.90 2.73 -16.41 | 42.69 2.96 -15.08 | 66.73 6.61 -2.93 | 96.12 3.97 -62.38 | 94.49 5.26 -50.80 | 76.32 6.06 -26.21 | 82.33 4.48 -44.43 | 63.14 6.82 -6.96 | 67.41 4.44 -30.60 | 64.60 3.61 -35.63 | 72.38 3.54 -45.32 | 87.55 2.47 -68.94 | 176.09 -1.25 -185.63 | 331.64 4.28 -299.17 | 64.43 6.30 -13.29 | 129.75 5.30 -89.29 | 47.33 4.60 -7.60 | 41.95 3.29 -14.40 | 38.84 1.21 -28.47 |
| BROOKLYN_NAVY_YARD 23515 | 65.77 3.04 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.95 1.11 -25.49 | 39.62 1.13 -25.20 | 43.46 2.32 -16.38 | 42.21 2.51 -15.05 | 66.07 5.95 -2.93 | 94.85 3.13 -61.95 | 91.95 4.02 -49.49 | 72.55 4.43 -24.06 | 80.89 3.34 -44.13 | 61.69 5.38 -6.94 | 66.41 3.51 -30.53 | 63.55 2.78 -35.41 | 57.80 2.59 -31.69 | 76.21 1.79 -58.28 | 106.82 -0.90 -116.01 | 69.29 3.07 -38.03 | 63.00 4.89 -13.27 | 64.50 3.88 -25.46 | 46.44 3.72 -7.59 | 41.18 2.53 -14.38 | 38.46 0.88 -28.42 |
| BROOKLYN___ARMY_DRP 323595 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |

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|----------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BROOME_2_LFGE 323671 | 41.32 0.80 -1.41 | 18.01 0.12 -13.27 | 20.40 0.20 -12.74 | 22.12 0.31 -8.46 | 22.00 0.34 -8.36 | 30.80 0.61 -5.43 | 30.22 0.58 -4.99 | 61.68 1.62 -2.87 | 49.72 0.75 -19.20 | 51.38 0.95 -11.99 | 45.59 0.93 -0.60 | 47.85 0.77 -13.65 | 53.02 1.27 -2.38 | 43.16 0.76 -10.02 | 39.19 0.58 -13.25 | 36.60 0.53 -12.55 | 38.46 0.42 -21.90 | 44.18 -0.22 -52.68 | 45.52 0.73 -16.60 | 53.46 1.23 -7.38 | 48.10 1.06 -11.87 | 39.59 0.92 -3.54 | 30.66 0.53 -5.87 | 19.35 0.20 -9.99 |
| BROOME___LFGE 323600 | 41.32 0.80 -1.41 | 18.01 0.12 -13.27 | 20.40 0.20 -12.74 | 22.12 0.31 -8.46 | 22.00 0.34 -8.36 | 30.80 0.61 -5.43 | 30.22 0.58 -4.99 | 61.68 1.62 -2.87 | 49.72 0.75 -19.20 | 51.38 0.95 -11.99 | 45.59 0.93 -0.60 | 47.85 0.77 -13.65 | 53.02 1.27 -2.38 | 43.16 0.76 -10.02 | 39.19 0.58 -13.25 | 36.60 0.53 -12.55 | 38.46 0.42 -21.90 | 44.18 -0.22 -52.68 | 45.52 0.73 -16.60 | 53.46 1.23 -7.38 | 48.10 1.06 -11.87 | 39.59 0.92 -3.54 | 30.66 0.53 -5.87 | 19.35 0.20 -9.99 |
| BURROWS___LYONSDAL 23803 | 39.79 0.66 0.00 | 4.69 0.06 0.00 | 7.55 0.08 0.00 | 13.49 0.14 0.00 | 13.50 0.20 0.00 | 25.23 0.47 0.00 | 25.16 0.66 0.15 | 58.57 1.72 0.33 | 24.06 0.97 6.67 | 35.48 1.22 4.17 | 45.21 1.36 0.21 | 29.69 1.03 4.76 | 49.96 1.39 0.79 | 29.38 0.76 3.76 | 23.42 0.43 2.37 | 22.88 0.35 0.99 | 12.29 0.24 4.08 | -1.08 -0.14 -7.35 | 29.12 0.45 -0.49 | 46.66 0.71 -1.11 | 37.84 0.55 -2.13 | 36.23 0.47 -0.63 | 24.25 0.23 0.24 | 7.23 0.06 1.99 |
| CAITHNESS_CC_1 323624 | 63.73 3.51 -21.09 | 45.09 0.40 -40.07 | 46.61 0.66 -38.49 | 40.11 1.22 -25.54 | 39.94 1.39 -25.25 | 43.90 2.73 -16.41 | 42.68 2.95 -15.08 | 66.76 6.64 -2.93 | 96.10 3.94 -62.38 | 94.45 5.22 -50.80 | 76.19 5.93 -26.21 | 82.24 4.38 -44.43 | 63.04 6.71 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.29 3.45 -45.32 | 87.49 2.41 -68.94 | 176.59 -1.23 -186.10 | 332.82 4.21 -300.42 | 64.36 6.23 -13.29 | 130.23 5.20 -89.87 | 47.23 4.51 -7.60 | 41.88 3.22 -14.40 | 38.82 1.19 -28.47 |
| CALPINE BETH_PAGE_GT4 24209 | 64.11 3.90 -21.09 | 45.14 0.45 -40.07 | 46.69 0.74 -38.49 | 40.22 1.33 -25.54 | 39.96 1.42 -25.25 | 43.97 2.80 -16.41 | 42.66 2.93 -15.08 | 66.85 6.73 -2.93 | 95.93 3.78 -62.38 | 94.19 4.95 -50.80 | 75.67 5.40 -26.21 | 81.84 3.98 -44.43 | 62.55 6.23 -6.96 | 67.06 4.09 -30.60 | 64.30 3.31 -35.63 | 71.93 3.09 -45.32 | 87.22 2.15 -68.94 | 127.52 -1.09 -136.90 | 198.81 3.69 -166.94 | 63.72 5.60 -13.28 | 69.48 4.54 -29.79 | 46.87 4.14 -7.60 | 41.57 2.91 -14.40 | 38.73 1.11 -28.47 |
| CALPINE_BETH_PAGE_GT_4 323586 | 64.11 3.90 -21.09 | 45.14 0.45 -40.07 | 46.69 0.74 -38.49 | 40.22 1.33 -25.54 | 39.96 1.42 -25.25 | 43.97 2.80 -16.41 | 42.66 2.93 -15.08 | 66.85 6.73 -2.93 | 95.93 3.78 -62.38 | 94.19 4.95 -50.80 | 75.67 5.40 -26.21 | 81.84 3.98 -44.43 | 62.55 6.23 -6.96 | 67.06 4.09 -30.60 | 64.30 3.31 -35.63 | 71.93 3.09 -45.32 | 87.22 2.15 -68.94 | 127.52 -1.09 -136.90 | 198.81 3.69 -166.94 | 63.72 5.60 -13.28 | 69.48 4.54 -29.79 | 46.87 4.14 -7.60 | 41.57 2.91 -14.40 | 38.73 1.11 -28.47 |
| CALPINE_BP_GT1 23823 | 64.11 3.90 -21.09 | 45.14 0.45 -40.07 | 46.69 0.74 -38.49 | 40.22 1.33 -25.54 | 39.96 1.42 -25.25 | 43.97 2.80 -16.41 | 42.66 2.93 -15.08 | 66.85 6.73 -2.93 | 95.93 3.78 -62.38 | 94.19 4.95 -50.80 | 75.67 5.40 -26.21 | 81.84 3.98 -44.43 | 62.55 6.23 -6.96 | 67.06 4.09 -30.60 | 64.30 3.31 -35.63 | 71.93 3.09 -45.32 | 87.22 2.15 -68.94 | 127.52 -1.09 -136.90 | 198.81 3.69 -166.94 | 63.72 5.60 -13.28 | 69.48 4.54 -29.79 | 46.87 4.14 -7.60 | 41.57 2.91 -14.40 | 38.73 1.11 -28.47 |
| CALSPAN___DRP 24200 | 39.95 0.12 -0.70 | 11.42 0.15 -6.64 | 14.05 0.20 -6.38 | 17.87 0.29 -4.23 | 17.75 0.26 -4.18 | 27.45 -0.03 -2.72 | 26.56 -0.56 -2.47 | 96.27 -0.63 -39.71 | 37.67 -0.68 -8.57 | 43.01 -0.77 -5.34 | 43.09 -1.23 -0.27 | 38.45 -0.91 -5.94 | 51.45 -1.39 -3.47 | 35.81 -1.05 -4.49 | 30.59 -0.97 -6.21 | 28.48 -1.07 -6.02 | 29.64 -0.54 -14.04 | 18.30 0.23 -26.36 | 45.84 -0.78 -18.44 | 70.03 -1.01 -26.20 | 40.81 -0.31 -5.96 | 36.37 -0.52 -1.76 | 27.20 -0.72 -3.66 | 13.57 -0.28 -4.70 |
| CANDIGU_WT_PWR 323617 | 40.88 0.78 -0.98 | 13.99 0.17 -9.20 | 16.56 0.25 -8.84 | 19.59 0.37 -5.86 | 19.50 0.40 -5.80 | 29.04 0.52 -3.77 | 28.36 0.27 -3.44 | 76.16 1.11 -17.86 | 42.37 0.17 -12.43 | 46.29 0.09 -7.76 | 44.14 -0.30 -0.39 | 41.99 -0.20 -8.77 | 51.79 -0.15 -2.57 | 38.65 -0.22 -6.49 | 33.86 -0.30 -8.80 | 31.60 -0.35 -8.43 | 31.79 -0.09 -15.74 | 27.92 0.05 -36.16 | 43.64 -0.05 -15.51 | 57.54 0.20 -12.50 | 43.80 0.46 -8.18 | 37.90 0.33 -2.43 | 28.61 0.04 -4.31 | 15.84 0.02 -6.66 |
| CARR STREET_E_SYR 24060 | 39.40 -0.11 -0.40 | 8.36 0.01 -3.73 | 11.05 0.01 -3.58 | 15.72 0.00 -2.37 | 15.67 0.02 -2.35 | 26.26 -0.03 -1.53 | 25.87 -0.06 -1.28 | 57.06 -0.13 0.00 | 29.76 -0.01 0.00 | 38.40 -0.04 0.00 | 43.93 -0.05 0.00 | 33.37 -0.15 0.00 | 49.22 -0.01 0.00 | 32.42 -0.01 -0.06 | 27.06 -0.01 -1.70 | 25.69 -0.03 -2.20 | 18.84 0.01 -2.69 | 6.39 -0.01 -14.69 | 31.83 -0.01 -3.66 | 46.61 -0.08 -1.84 | 38.70 0.01 -3.53 | 36.06 -0.12 -1.05 | 25.26 -0.12 -1.13 | 10.46 -0.04 -1.34 |
| CARTHAGE___PAPER 23857 | 39.43 0.14 -0.17 | 6.19 -0.03 -1.60 | 8.91 -0.09 -1.54 | 14.19 -0.18 -1.02 | 14.27 -0.03 -1.01 | 25.46 0.04 -0.65 | 25.51 0.31 -0.55 | 58.19 1.00 0.00 | 30.39 0.62 0.00 | 39.15 0.71 0.00 | 44.82 0.76 0.00 | 34.00 0.58 0.00 | 49.99 0.62 0.00 | 32.65 0.24 -0.04 | 26.48 0.05 -1.08 | 24.84 -0.08 -1.39 | 17.74 -0.10 -1.70 | 1.04 0.02 -9.30 | 30.47 -0.03 -2.32 | 46.03 0.02 -1.17 | 37.37 -0.02 -2.24 | 35.71 -0.09 -0.67 | 24.78 -0.20 -0.72 | 9.71 -0.12 -0.68 |
| CASSADAGA_WT_PWR 323784 | 41.37 1.52 -0.73 | 11.79 0.26 -6.92 | 14.45 0.35 -6.64 | 18.27 0.52 -4.41 | 18.04 0.38 -4.36 | 27.71 0.11 -2.83 | 26.94 0.11 -2.58 | 94.67 1.05 -36.42 | 38.84 0.09 -8.98 | 44.34 0.31 -5.60 | 44.10 -0.24 -0.28 | 39.61 -0.05 -6.24 | 52.53 -0.14 -3.30 | 36.53 -0.55 -4.71 | 31.21 -0.63 -6.48 | 28.99 -0.81 -6.28 | 29.99 -0.36 -14.22 | 19.25 0.14 -27.40 | 45.59 -0.46 -17.86 | 69.21 -0.32 -24.69 | 41.52 0.16 -6.20 | 36.80 -0.16 -1.83 | 27.60 -0.37 -3.71 | 13.92 -0.15 -4.91 |
| CE_DUNWOOD___DRP 24194 | 69.59 2.85 -27.61 | 44.88 0.37 -39.88 | 46.35 0.58 -38.31 | 39.81 1.03 -25.43 | 39.47 1.04 -25.13 | 43.21 2.12 -16.34 | 41.96 2.30 -15.01 | 65.53 5.42 -2.92 | 94.91 2.83 -62.31 | 93.62 3.66 -51.53 | 75.92 4.08 -27.79 | 80.90 3.09 -44.39 | 61.23 4.94 -6.92 | 66.05 3.23 -30.44 | 63.25 2.56 -35.33 | 57.54 2.38 -31.63 | 75.96 1.67 -58.15 | 106.74 -0.86 -115.88 | 69.05 2.89 -37.98 | 62.71 4.61 -13.26 | 64.24 3.64 -25.43 | 46.22 3.51 -7.58 | 40.97 2.35 -14.36 | 38.33 0.82 -28.35 |
| CE_MILLWOOD___DRP 24193 | 109.11 2.80 -67.19 | 44.68 0.36 -39.69 | 46.16 0.57 -38.13 | 39.67 1.02 -25.30 | 39.33 1.02 -25.01 | 43.09 2.07 -16.26 | 41.83 2.25 -14.94 | 65.40 5.30 -2.90 | 106.59 2.76 -74.05 | 142.22 3.57 -100.21 | 160.95 3.98 -112.91 | 89.22 3.02 -52.78 | 61.08 4.83 -6.89 | 65.83 3.16 -30.29 | 63.06 2.50 -35.19 | 57.38 2.33 -31.52 | 75.69 1.63 -57.92 | 106.51 -0.84 -115.64 | 68.89 2.83 -37.87 | 62.59 4.52 -13.23 | 64.12 3.58 -25.39 | 46.14 3.44 -7.57 | 40.87 2.30 -14.31 | 38.19 0.80 -28.22 |
| CE_NYC2_DRP 24202 | 65.11 3.23 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.97 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.65 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.92 -28.44 |

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| CE_NYC_DRP 24195 | 65.98 3.12 -23.74 | 45.01 0.40 -39.98 | 46.51 0.64 -38.41 | 39.98 1.14 -25.49 | 39.64 1.15 -25.20 | 43.49 2.35 -16.38 | 42.23 2.54 -15.05 | 66.09 5.98 -2.93 | 94.87 3.14 -61.96 | 92.05 4.06 -49.55 | 72.76 4.52 -24.18 | 80.95 3.39 -44.14 | 61.79 5.48 -6.94 | 66.49 3.59 -30.53 | 63.62 2.86 -35.41 | 57.87 2.65 -31.69 | 76.25 1.84 -58.28 | 106.78 -0.93 -116.00 | 69.35 3.14 -38.03 | 63.13 5.02 -13.27 | 64.58 3.96 -25.46 | 46.53 3.81 -7.59 | 41.22 2.58 -14.38 | 38.47 0.90 -28.42 |
| CHAFFEE___LFGE 323603 | 40.32 0.48 -0.72 | 11.61 0.19 -6.79 | 14.26 0.27 -6.53 | 18.09 0.41 -4.33 | 17.95 0.37 -4.28 | 27.74 0.20 -2.79 | 26.89 -0.29 -2.53 | 95.59 0.04 -38.36 | 38.23 -0.35 -8.81 | 43.55 -0.38 -5.49 | 43.47 -0.86 -0.27 | 38.88 -0.66 -6.12 | 51.81 -0.98 -3.42 | 36.22 -0.77 -4.62 | 30.96 -0.77 -6.37 | 28.81 -0.89 -6.17 | 29.83 -0.41 -14.11 | 18.85 0.17 -26.97 | 45.96 -0.48 -18.26 | 69.46 -0.56 -25.18 | 41.31 0.05 -6.10 | 36.77 -0.16 -1.80 | 27.48 -0.49 -3.70 | 13.79 -0.19 -4.82 |
| CHATEAUG_WT_PWR 323614 | 37.99 -1.13 0.00 | 4.41 -0.21 0.00 | 7.19 -0.27 0.00 | 13.09 -0.27 0.00 | 12.85 -0.44 0.00 | 24.29 -0.47 0.00 | 24.11 -0.43 0.11 | 56.10 -0.84 0.25 | 24.00 -0.72 5.04 | 34.44 -0.84 3.15 | 43.26 -0.64 0.16 | 29.32 -0.51 3.60 | 47.92 -0.85 0.60 | 28.85 -0.93 2.60 | 22.85 -0.77 1.74 | 21.85 -0.67 1.01 | 12.67 -0.51 2.95 | -6.39 0.24 -1.66 | 26.98 -0.81 0.39 | 43.76 -1.40 -0.32 | 34.53 -1.24 -0.62 | 34.38 -0.93 -0.18 | 23.36 -0.55 0.35 | 7.62 -0.21 1.32 |
| CHAT_HIGH_FALL_HYD 323578 | 38.04 -1.08 0.00 | 4.42 -0.20 0.00 | 7.20 -0.26 0.00 | 13.06 -0.29 0.00 | 12.86 -0.44 0.00 | 24.26 -0.50 0.00 | 24.09 -0.45 0.11 | 56.05 -0.89 0.25 | 24.01 -0.73 5.02 | 34.45 -0.85 3.14 | 43.25 -0.65 0.16 | 29.34 -0.50 3.58 | 47.95 -0.82 0.59 | 28.88 -0.90 2.59 | 22.88 -0.75 1.72 | 21.90 -0.64 0.99 | 12.71 -0.50 2.93 | -6.24 0.22 -1.82 | 27.08 -0.75 0.35 | 43.87 -1.31 -0.34 | 34.64 -1.17 -0.65 | 34.46 -0.86 -0.19 | 23.39 -0.53 0.34 | 7.61 -0.23 1.32 |
| CHAUTAUQUA___LFGE 323629 | 40.83 0.99 -0.72 | 11.64 0.21 -6.81 | 14.30 0.30 -6.54 | 18.13 0.44 -4.34 | 17.96 0.37 -4.29 | 27.73 0.18 -2.79 | 26.93 -0.26 -2.54 | 95.11 0.77 -37.15 | 38.54 -0.05 -8.82 | 43.99 0.05 -5.50 | 43.90 -0.43 -0.27 | 39.32 -0.23 -6.13 | 52.41 -0.29 -3.33 | 36.41 -0.59 -4.62 | 31.12 -0.62 -6.38 | 28.96 -0.74 -6.18 | 30.01 -0.31 -14.19 | 18.82 0.12 -26.99 | 45.69 -0.43 -17.93 | 70.09 -0.24 -25.49 | 41.48 0.21 -6.11 | 36.86 -0.07 -1.81 | 27.59 -0.35 -3.68 | 13.85 -0.13 -4.83 |
| CH_MIDHUDSON___DRP 24192 | 48.67 2.78 -6.77 | 45.70 0.35 -40.72 | 47.14 0.56 -39.12 | 40.31 1.00 -25.96 | 39.96 1.00 -25.66 | 43.48 2.04 -16.68 | 42.22 2.20 -15.37 | 65.47 5.20 -3.08 | 95.11 2.73 -62.61 | 83.56 3.52 -41.61 | 55.09 3.97 -7.07 | 81.02 3.00 -44.59 | 61.48 4.81 -7.30 | 67.58 3.10 -32.11 | 64.45 2.45 -36.63 | 58.33 2.27 -32.53 | 78.06 1.58 -60.34 | 107.54 -0.82 -116.64 | 69.64 2.79 -38.67 | 62.55 4.43 -13.28 | 64.13 3.49 -25.48 | 46.08 3.35 -7.60 | 41.21 2.24 -14.72 | 39.35 0.78 -29.41 |
| CH_MISC_IPPS 23765 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |
| CH_RES_BVR_FALLS 23983 | 38.49 -0.36 0.28 | 1.96 -0.05 2.62 | 4.85 -0.09 2.52 | 11.49 -0.19 1.67 | 11.50 -0.14 1.65 | 23.40 -0.29 1.07 | 22.93 -0.22 1.50 | 55.33 -0.52 1.34 | 2.65 -0.27 26.85 | 21.33 -0.33 16.77 | 42.82 -0.40 0.84 | 13.92 -0.37 19.13 | 45.69 -0.51 3.17 | 18.31 -0.38 13.69 | 15.50 -0.42 9.44 | 17.27 -0.48 5.77 | -0.18 -0.33 15.98 | -3.09 0.19 -5.01 | 24.66 -0.60 2.92 | 45.19 -0.86 -1.21 | 36.82 -0.67 -2.32 | 35.24 -0.58 -0.69 | 21.78 -0.37 2.11 | 1.55 -0.11 7.49 |
| CH_RES_NIAGARA 23895 | 38.50 -1.28 -0.66 | 10.86 0.01 -6.22 | 13.40 -0.04 -5.98 | 17.19 -0.13 -3.96 | 17.05 -0.17 -3.92 | 26.34 -0.97 -2.55 | 25.30 -1.67 -2.32 | 55.54 -3.57 -1.92 | 35.61 -2.09 -7.93 | 40.83 -2.56 -4.95 | 41.20 -3.11 -0.25 | 36.47 -2.43 -5.48 | 46.63 -3.75 -1.01 | 33.95 -2.56 -4.13 | 28.99 -2.14 -5.77 | 26.96 -2.16 -5.59 | 24.37 -1.29 -9.52 | 16.90 0.61 -24.57 | 33.32 -2.15 -7.28 | 44.98 -3.24 -3.39 | 38.71 -2.02 -5.57 | 34.65 -2.14 -1.66 | 25.03 -1.88 -2.64 | 12.82 -0.71 -4.37 |
| CH_RES_SYRACUSE 23985 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| CLINTON_WT_PWR 323605 | 37.99 -1.13 0.00 | 4.41 -0.21 0.00 | 7.19 -0.27 0.00 | 13.09 -0.27 0.00 | 12.85 -0.44 0.00 | 24.29 -0.47 0.00 | 24.11 -0.43 0.11 | 56.10 -0.84 0.25 | 24.00 -0.72 5.04 | 34.44 -0.84 3.15 | 43.26 -0.64 0.16 | 29.32 -0.51 3.60 | 47.92 -0.85 0.60 | 28.85 -0.93 2.60 | 22.85 -0.77 1.74 | 21.85 -0.67 1.01 | 12.67 -0.51 2.95 | -6.39 0.24 -1.66 | 26.98 -0.81 0.39 | 43.76 -1.40 -0.32 | 34.53 -1.24 -0.62 | 34.38 -0.93 -0.18 | 23.36 -0.55 0.35 | 7.62 -0.21 1.32 |
| CLINTON___LFGE 323618 | 38.79 -0.33 0.00 | 4.51 -0.12 0.00 | 7.33 -0.14 0.00 | 13.29 -0.06 0.00 | 13.09 -0.21 0.00 | 24.73 -0.03 0.00 | 24.64 0.10 0.11 | 57.53 0.59 0.25 | 24.78 0.04 5.03 | 35.40 0.11 3.14 | 44.35 0.45 0.16 | 30.21 0.37 3.58 | 49.14 0.36 0.60 | 29.64 -0.14 2.59 | 23.46 -0.17 1.73 | 22.42 -0.11 0.99 | 13.09 -0.10 2.94 | -6.55 -0.02 -1.76 | 27.86 0.04 0.37 | 45.11 -0.06 -0.33 | 35.54 -0.26 -0.64 | 35.31 -0.01 -0.19 | 23.92 0.01 0.34 | 7.80 -0.04 1.32 |
| COLONIE_LFGE___ 323577 | 49.77 2.44 -8.21 | 61.75 0.30 -56.83 | 62.52 0.47 -54.59 | 50.43 0.86 -36.23 | 49.97 0.86 -35.81 | 49.64 1.60 -23.28 | 48.70 1.60 -22.45 | 67.45 3.75 -6.51 | 163.36 1.96 -131.63 | 125.80 2.45 -84.92 | 56.47 2.72 -9.69 | 129.28 2.12 -93.75 | 67.88 3.07 -15.44 | 101.78 2.06 -67.35 | 90.05 1.58 -63.11 | 75.17 1.43 -50.22 | 122.04 1.00 -104.90 | 113.95 -0.53 -122.76 | 80.88 1.78 -50.92 | 60.16 2.77 -12.55 | 61.39 2.14 -24.08 | 44.48 2.17 -7.18 | 47.42 1.56 -21.61 | 60.98 0.61 -51.21 |
| COPENHAGEN_WT_PWR 323753 | 39.19 -0.14 -0.21 | 6.57 -0.08 -2.02 | 9.22 -0.19 -1.94 | 14.25 -0.39 -1.29 | 14.42 -0.15 -1.27 | 25.37 -0.22 -0.83 | 25.43 0.08 -0.69 | 57.65 0.46 0.00 | 30.17 0.40 0.00 | 38.82 0.39 0.00 | 44.30 0.25 0.00 | 33.67 0.25 0.00 | 49.45 0.08 0.00 | 32.32 -0.09 -0.04 | 26.29 -0.25 -1.18 | 24.61 -0.44 -1.52 | 17.59 -0.41 -1.86 | 2.06 0.18 -10.17 | 30.14 -0.58 -2.53 | 45.34 -0.78 -1.28 | 37.08 -0.53 -2.45 | 35.24 -0.62 -0.73 | 24.51 -0.54 -0.78 | 9.73 -0.23 -0.80 |
| CORNELL_____ 23752 | 41.15 1.06 -0.97 | 13.95 0.15 -9.17 | 16.51 0.23 -8.81 | 19.58 0.39 -5.85 | 19.49 0.41 -5.78 | 29.26 0.74 -3.76 | 28.84 0.76 -3.43 | 61.59 2.06 -2.34 | 43.39 1.06 -12.56 | 47.61 1.33 -7.85 | 45.88 1.43 -0.39 | 43.47 1.12 -8.93 | 52.66 1.71 -1.59 | 40.03 1.10 -6.56 | 35.11 0.83 -8.91 | 32.82 0.75 -8.54 | 31.46 0.57 -14.75 | 28.13 -0.31 -36.72 | 40.75 1.03 -11.54 | 51.89 1.70 -5.35 | 44.85 1.37 -8.31 | 38.80 1.20 -2.48 | 29.00 0.72 -4.02 | 16.12 0.24 -6.71 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| COXSACKIE___GT 23611 | 46.15 2.45 -4.58 | 48.08 0.30 -43.15 | 49.39 0.48 -41.45 | 41.72 0.86 -27.51 | 41.38 0.88 -27.19 | 44.19 1.75 -17.68 | 42.98 1.88 -16.45 | 65.34 4.51 -3.63 | 105.13 2.40 -72.97 | 87.12 3.10 -45.58 | 49.83 3.49 -2.28 | 88.05 2.65 -51.97 | 62.09 4.10 -8.61 | 72.83 2.68 -37.78 | 68.43 2.09 -40.98 | 60.93 1.92 -35.49 | 85.13 1.35 -67.64 | 109.41 -0.70 -118.39 | 71.41 2.40 -40.83 | 61.85 3.75 -13.26 | 63.52 2.92 -25.44 | 45.52 2.81 -7.59 | 42.02 1.87 -15.88 | 42.75 0.67 -32.93 |
| CPV_VALLEY___CC1 323721 | 39.25 1.98 1.85 | 38.64 0.26 -33.75 | 40.30 0.41 -32.42 | 35.59 0.73 -21.52 | 35.29 0.72 -21.27 | 40.09 1.50 -13.83 | 38.95 1.61 -12.69 | 63.42 3.78 -2.45 | 78.94 1.94 -47.23 | 63.62 2.51 -22.68 | 34.36 2.82 12.52 | 69.18 2.13 -33.63 | 58.61 3.43 -5.81 | 60.22 2.25 -25.60 | 58.07 1.79 -30.91 | 53.38 1.67 -28.18 | 68.12 1.18 -50.80 | 99.26 -0.61 -108.15 | 64.83 2.06 -34.59 | 60.63 3.29 -12.49 | 61.75 2.62 -23.97 | 44.80 2.52 -7.15 | 38.81 1.66 -12.88 | 34.09 0.58 -24.35 |
| CPV_VALLEY___CC2 323722 | 39.25 1.98 1.85 | 38.64 0.26 -33.75 | 40.30 0.41 -32.42 | 35.59 0.73 -21.52 | 35.29 0.72 -21.27 | 40.09 1.50 -13.83 | 38.95 1.61 -12.69 | 63.42 3.78 -2.45 | 78.94 1.94 -47.23 | 63.62 2.51 -22.68 | 34.36 2.82 12.52 | 69.18 2.13 -33.63 | 58.61 3.43 -5.81 | 60.22 2.25 -25.60 | 58.07 1.79 -30.91 | 53.38 1.67 -28.18 | 68.12 1.18 -50.80 | 99.26 -0.61 -108.15 | 64.83 2.06 -34.59 | 60.63 3.29 -12.49 | 61.75 2.62 -23.97 | 44.80 2.52 -7.15 | 38.81 1.66 -12.88 | 34.09 0.58 -24.35 |
| CRESCENT___HYD 24018 | 49.77 2.44 -8.21 | 61.75 0.30 -56.83 | 62.52 0.47 -54.59 | 50.43 0.86 -36.23 | 49.97 0.86 -35.81 | 49.64 1.60 -23.28 | 48.70 1.60 -22.45 | 67.45 3.75 -6.51 | 163.36 1.96 -131.63 | 125.80 2.45 -84.92 | 56.47 2.72 -9.69 | 129.28 2.12 -93.75 | 67.88 3.07 -15.44 | 101.78 2.06 -67.35 | 90.05 1.58 -63.11 | 75.17 1.43 -50.22 | 122.04 1.00 -104.90 | 113.95 -0.53 -122.76 | 80.88 1.78 -50.92 | 60.16 2.77 -12.55 | 61.39 2.14 -24.08 | 44.48 2.17 -7.18 | 47.42 1.56 -21.61 | 60.98 0.61 -51.21 |
| CRICKET___VALLEY_CC1 323756 | 50.31 2.27 -8.92 | 47.12 0.29 -42.20 | 48.46 0.46 -40.54 | 41.09 0.84 -26.90 | 40.73 0.84 -26.60 | 43.75 1.70 -17.29 | 42.41 1.84 -15.91 | 64.65 4.31 -3.15 | 96.98 2.25 -64.96 | 87.51 2.90 -46.18 | 60.84 3.27 -13.51 | 82.16 2.47 -46.27 | 60.73 3.88 -7.47 | 67.77 2.54 -32.85 | 64.77 2.01 -37.40 | 58.55 1.85 -33.18 | 79.02 1.28 -61.60 | 109.66 -0.65 -118.60 | 69.82 2.25 -39.38 | 61.96 3.62 -13.49 | 63.88 2.83 -25.89 | 45.60 2.75 -7.72 | 41.12 1.86 -15.00 | 39.95 0.64 -30.15 |
| CRICKET___VALLEY_CC2 323757 | 50.31 2.27 -8.92 | 47.12 0.29 -42.20 | 48.46 0.46 -40.54 | 41.09 0.84 -26.90 | 40.73 0.84 -26.60 | 43.75 1.70 -17.29 | 42.41 1.84 -15.91 | 64.65 4.31 -3.15 | 96.98 2.25 -64.96 | 87.51 2.90 -46.18 | 60.84 3.27 -13.51 | 82.16 2.47 -46.27 | 60.73 3.88 -7.47 | 67.77 2.54 -32.85 | 64.77 2.01 -37.40 | 58.55 1.85 -33.18 | 79.02 1.28 -61.60 | 109.66 -0.65 -118.60 | 69.82 2.25 -39.38 | 61.96 3.62 -13.49 | 63.88 2.83 -25.89 | 45.60 2.75 -7.72 | 41.12 1.86 -15.00 | 39.95 0.64 -30.15 |
| CRICKET___VALLEY_CC3 323758 | 50.31 2.27 -8.92 | 47.12 0.29 -42.20 | 48.46 0.46 -40.54 | 41.09 0.84 -26.90 | 40.73 0.84 -26.60 | 43.75 1.70 -17.29 | 42.41 1.84 -15.91 | 64.65 4.31 -3.15 | 96.98 2.25 -64.96 | 87.51 2.90 -46.18 | 60.84 3.27 -13.51 | 82.16 2.47 -46.27 | 60.73 3.88 -7.47 | 67.77 2.54 -32.85 | 64.77 2.01 -37.40 | 58.55 1.85 -33.18 | 79.02 1.28 -61.60 | 109.66 -0.65 -118.60 | 69.82 2.25 -39.38 | 61.96 3.62 -13.49 | 63.88 2.83 -25.89 | 45.60 2.75 -7.72 | 41.12 1.86 -15.00 | 39.95 0.64 -30.15 |
| CRUCIBLE_METL_DRP 24180 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| DAHOWA___HYDRO 323763 | 50.47 3.08 -8.27 | 63.34 0.37 -58.34 | 64.09 0.59 -56.04 | 51.59 1.05 -37.19 | 51.07 1.00 -36.76 | 50.41 1.75 -23.90 | 49.57 1.78 -23.14 | 68.43 4.35 -6.89 | 172.48 2.39 -140.32 | 132.53 3.16 -90.94 | 57.32 3.61 -9.65 | 136.94 2.73 -100.79 | 69.97 3.99 -16.61 | 107.49 2.73 -72.39 | 93.96 1.98 -66.62 | 77.66 1.75 -52.39 | 128.23 1.25 -110.84 | 112.27 -0.68 -121.23 | 82.55 2.29 -52.07 | 60.52 3.54 -12.14 | 61.01 2.55 -23.30 | 44.58 2.50 -6.95 | 48.54 1.87 -22.41 | 64.17 0.84 -54.17 |
| DANC___LFGE 323619 | 39.10 -0.28 -0.27 | 7.07 -0.06 -2.50 | 9.73 -0.14 -2.40 | 14.65 -0.29 -1.60 | 14.73 -0.14 -1.57 | 25.52 -0.26 -1.02 | 25.42 -0.09 -0.86 | 57.13 -0.06 0.00 | 29.87 0.10 0.00 | 38.47 0.04 0.00 | 43.96 -0.09 0.00 | 33.40 -0.03 0.00 | 49.08 -0.28 0.00 | 32.19 -0.23 -0.05 | 26.37 -0.29 -1.29 | 24.80 -0.40 -1.67 | 17.86 -0.32 -2.04 | 3.03 0.14 -11.17 | 30.47 -0.50 -2.78 | 45.43 -0.81 -1.40 | 37.29 -0.56 -2.69 | 35.26 -0.67 -0.80 | 24.57 -0.54 -0.86 | 9.88 -0.22 -0.94 |
| DANSKAMMER___1 23586 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |
| DANSKAMMER___2 23589 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |
| DANSKAMMER___3 23590 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |
| DANSKAMMER___4 23591 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |
| DANSKAMMER___DIESEL 23592 | 46.24 2.91 -4.20 | 44.60 0.37 -39.60 | 46.09 0.58 -38.04 | 39.64 1.04 -25.24 | 39.30 1.04 -24.96 | 43.10 2.11 -16.22 | 41.86 2.28 -14.93 | 65.57 5.42 -2.96 | 92.03 2.84 -59.42 | 79.23 3.67 -37.12 | 50.04 4.13 -1.86 | 78.86 3.13 -42.32 | 61.36 4.98 -7.01 | 66.45 3.24 -30.84 | 63.48 2.56 -35.56 | 57.63 2.37 -31.74 | 76.35 1.66 -58.55 | 106.19 -0.86 -115.34 | 69.08 2.93 -37.96 | 62.67 4.66 -13.17 | 64.10 3.67 -25.27 | 46.18 3.52 -7.54 | 40.97 2.32 -14.39 | 38.45 0.81 -28.48 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| DASHVILLE___HYD 23610 | 45.85 2.52 -4.20 | 44.55 0.33 -39.59 | 46.01 0.51 -38.03 | 39.50 0.91 -25.24 | 39.16 0.91 -24.95 | 42.87 1.89 -16.22 | 41.70 2.07 -14.98 | 65.21 4.95 -3.07 | 93.94 2.59 -61.59 | 80.29 3.39 -38.47 | 49.78 3.79 -1.93 | 80.15 2.87 -43.86 | 61.25 4.61 -7.27 | 67.33 3.01 -31.94 | 64.08 2.40 -36.32 | 57.96 2.23 -32.20 | 77.54 1.57 -59.84 | 105.85 -0.80 -114.94 | 69.13 2.74 -38.20 | 62.28 4.36 -13.07 | 63.69 3.44 -25.08 | 45.89 3.28 -7.48 | 40.98 2.16 -14.56 | 38.95 0.74 -29.05 |
| DELAWARE___LFGE 323621 | 42.26 1.45 -1.69 | 20.76 0.19 -15.95 | 23.10 0.32 -15.32 | 24.03 0.52 -10.16 | 23.88 0.53 -10.05 | 32.34 1.05 -6.53 | 32.07 1.11 -6.31 | 62.72 2.70 -2.83 | 68.38 1.38 -37.23 | 63.51 1.81 -23.26 | 47.23 2.01 -1.17 | 61.47 1.54 -26.51 | 56.21 2.38 -4.45 | 53.26 1.53 -19.36 | 49.83 1.20 -23.27 | 45.80 1.09 -21.18 | 55.26 0.78 -38.35 | 72.23 -0.40 -80.92 | 55.75 1.37 -26.20 | 56.97 2.18 -9.95 | 54.85 1.78 -17.92 | 42.16 1.69 -5.34 | 35.04 1.08 -9.70 | 26.23 0.39 -16.69 |
| DOGLEVILLE___HYD 23807 | 39.27 0.26 0.11 | 3.61 0.03 1.04 | 6.52 0.05 1.00 | 12.80 0.12 0.66 | 12.77 0.13 0.66 | 24.61 0.28 0.43 | 24.50 0.56 0.70 | 57.86 1.44 0.77 | 15.07 0.79 15.49 | 29.60 0.84 9.68 | 44.47 0.90 0.49 | 23.13 0.74 11.04 | 48.54 1.00 1.83 | 25.09 0.58 7.86 | 20.60 0.42 5.18 | 20.88 0.38 3.03 | 7.62 0.28 8.79 | -3.83 -0.16 -4.62 | 27.50 0.54 1.23 | 46.56 0.81 -0.91 | 37.78 0.87 -1.75 | 36.48 0.82 -0.52 | 23.86 0.67 1.07 | 5.33 0.27 4.10 |
| DUNKIRK___1 23563 | 40.76 0.92 -0.72 | 11.63 0.21 -6.80 | 14.28 0.29 -6.53 | 18.11 0.43 -4.33 | 17.96 0.37 -4.28 | 27.74 0.19 -2.79 | 26.93 -0.25 -2.53 | 95.13 0.72 -37.22 | 38.50 -0.07 -8.81 | 43.95 0.03 -5.49 | 43.87 -0.46 -0.27 | 39.29 -0.25 -6.11 | 52.40 -0.30 -3.33 | 36.40 -0.59 -4.61 | 31.12 -0.60 -6.36 | 28.97 -0.73 -6.17 | 30.03 -0.30 -14.18 | 18.77 0.12 -26.94 | 45.72 -0.40 -17.94 | 70.18 -0.22 -25.56 | 41.48 0.23 -6.10 | 36.89 -0.04 -1.80 | 27.59 -0.35 -3.67 | 13.84 -0.13 -4.82 |
| DUNKIRK___2 23564 | 40.76 0.92 -0.72 | 11.63 0.21 -6.80 | 14.28 0.29 -6.53 | 18.11 0.43 -4.33 | 17.96 0.37 -4.28 | 27.74 0.19 -2.79 | 26.93 -0.25 -2.53 | 95.13 0.72 -37.22 | 38.50 -0.07 -8.81 | 43.95 0.03 -5.49 | 43.87 -0.46 -0.27 | 39.29 -0.25 -6.11 | 52.40 -0.30 -3.33 | 36.40 -0.59 -4.61 | 31.12 -0.60 -6.36 | 28.97 -0.73 -6.17 | 30.03 -0.30 -14.18 | 18.77 0.12 -26.94 | 45.72 -0.40 -17.94 | 70.18 -0.22 -25.56 | 41.48 0.23 -6.10 | 36.89 -0.04 -1.80 | 27.59 -0.35 -3.67 | 13.84 -0.13 -4.82 |
| DUNKIRK___3 23565 | 40.29 0.45 -0.72 | 11.55 0.17 -6.75 | 14.19 0.24 -6.49 | 18.00 0.34 -4.31 | 17.87 0.31 -4.25 | 27.64 0.11 -2.77 | 26.80 -0.37 -2.52 | 94.15 0.14 -36.82 | 38.15 -0.36 -8.74 | 43.51 -0.37 -5.45 | 43.49 -0.84 -0.27 | 38.93 -0.56 -6.06 | 51.90 -0.74 -3.28 | 36.17 -0.78 -4.58 | 30.92 -0.75 -6.32 | 28.80 -0.84 -6.12 | 29.98 -0.38 -14.23 | 18.62 0.16 -26.75 | 45.41 -0.54 -17.77 | 70.50 -0.52 -26.18 | 41.23 0.02 -6.06 | 36.71 -0.21 -1.79 | 27.42 -0.48 -3.64 | 13.76 -0.18 -4.78 |
| DUNKIRK___4 23566 | 40.29 0.45 -0.72 | 11.55 0.17 -6.75 | 14.19 0.24 -6.49 | 18.00 0.34 -4.31 | 17.87 0.31 -4.25 | 27.64 0.11 -2.77 | 26.80 -0.37 -2.52 | 94.15 0.14 -36.82 | 38.15 -0.36 -8.74 | 43.51 -0.37 -5.45 | 43.49 -0.84 -0.27 | 38.93 -0.56 -6.06 | 51.90 -0.74 -3.28 | 36.17 -0.78 -4.58 | 30.92 -0.75 -6.32 | 28.80 -0.84 -6.12 | 29.98 -0.38 -14.23 | 18.62 0.16 -26.75 | 45.41 -0.54 -17.77 | 70.50 -0.52 -26.18 | 41.23 0.02 -6.06 | 36.71 -0.21 -1.79 | 27.42 -0.48 -3.64 | 13.76 -0.18 -4.78 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 65.34 3.03 -23.19 | 45.01 0.39 -40.00 | 46.51 0.62 -38.42 | 39.96 1.11 -25.50 | 39.62 1.12 -25.21 | 43.41 2.27 -16.39 | 42.13 2.42 -15.05 | 65.83 5.71 -2.93 | 94.69 3.00 -61.92 | 91.61 3.89 -49.29 | 72.07 4.34 -23.68 | 80.80 3.27 -44.10 | 61.54 5.23 -6.94 | 66.33 3.42 -30.54 | 63.48 2.70 -35.42 | 57.74 2.52 -31.70 | 76.19 1.75 -58.30 | 106.84 -0.90 -116.03 | 69.25 3.03 -38.04 | 62.94 4.83 -13.27 | 64.45 3.83 -25.46 | 46.39 3.67 -7.59 | 41.12 2.47 -14.38 | 38.45 0.87 -28.43 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 45.72 2.56 -4.04 | 42.99 0.33 -38.04 | 44.52 0.52 -36.54 | 38.52 0.92 -24.25 | 38.19 0.92 -23.97 | 42.23 1.89 -15.58 | 41.01 2.03 -14.33 | 64.81 4.80 -2.82 | 88.15 2.49 -55.89 | 73.87 3.22 -32.20 | 43.87 3.61 3.80 | 75.97 2.75 -39.80 | 60.45 4.39 -6.69 | 64.67 2.87 -29.43 | 61.95 2.28 -34.31 | 56.42 2.12 -30.78 | 74.09 1.49 -56.46 | 104.36 -0.77 -113.41 | 67.86 2.62 -37.06 | 62.01 4.18 -12.99 | 63.39 3.31 -24.92 | 45.72 3.17 -7.43 | 40.33 2.08 -13.98 | 37.26 0.72 -27.38 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 65.27 3.38 -22.77 | 45.06 0.42 -40.01 | 46.58 0.68 -38.44 | 40.07 1.22 -25.51 | 39.74 1.23 -25.22 | 43.66 2.50 -16.39 | 42.32 2.62 -15.06 | 66.24 6.12 -2.93 | 94.91 3.25 -61.89 | 91.68 4.17 -49.08 | 71.97 4.61 -23.30 | 80.99 3.49 -44.08 | 61.95 5.63 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.30 1.84 -58.32 | 106.81 -0.94 -116.04 | 69.41 3.18 -38.05 | 63.20 5.09 -13.27 | 64.66 4.04 -25.46 | 46.60 3.88 -7.59 | 41.27 2.62 -14.39 | 38.49 0.90 -28.44 |
| EAST HAMPTON___GT 23717 | 64.56 4.35 -21.09 | 45.19 0.49 -40.07 | 46.76 0.81 -38.49 | 40.38 1.49 -25.54 | 40.25 1.70 -25.25 | 44.50 3.33 -16.41 | 43.35 3.62 -15.08 | 68.26 8.14 -2.93 | 97.00 4.85 -62.38 | 95.73 6.50 -50.80 | 77.86 7.59 -26.21 | 83.49 5.64 -44.43 | 64.83 8.50 -6.96 | 68.54 5.57 -30.60 | 65.47 4.48 -35.63 | 73.20 4.36 -45.32 | 88.14 3.06 -68.94 | 175.32 -1.53 -185.14 | 330.94 4.91 -297.85 | 65.88 7.74 -13.29 | 130.34 6.49 -88.69 | 48.45 5.72 -7.60 | 42.67 4.01 -14.40 | 39.10 1.47 -28.47 |
| EAST RIVER___6 23660 | 65.92 3.06 -23.74 | 45.01 0.40 -39.98 | 46.50 0.63 -38.41 | 39.96 1.13 -25.49 | 39.59 1.10 -25.20 | 43.44 2.30 -16.38 | 42.17 2.47 -15.05 | 65.87 5.75 -2.93 | 94.74 3.01 -61.96 | 91.88 3.89 -49.55 | 72.59 4.36 -24.18 | 80.83 3.27 -44.14 | 61.63 5.33 -6.94 | 66.39 3.49 -30.53 | 63.68 2.91 -35.41 | 57.95 2.74 -31.69 | 76.27 1.86 -58.28 | 106.78 -0.94 -116.00 | 69.36 3.14 -38.03 | 63.03 4.92 -13.27 | 64.43 3.81 -25.46 | 46.34 3.62 -7.59 | 41.06 2.42 -14.38 | 38.40 0.83 -28.42 |
| EAST RIVER___7 23524 | 65.92 3.06 -23.74 | 45.01 0.40 -39.98 | 46.50 0.63 -38.41 | 39.96 1.13 -25.49 | 39.59 1.10 -25.20 | 43.44 2.30 -16.38 | 42.17 2.47 -15.05 | 65.87 5.75 -2.93 | 94.74 3.01 -61.96 | 91.88 3.89 -49.55 | 72.59 4.36 -24.18 | 80.83 3.27 -44.14 | 61.63 5.33 -6.94 | 66.39 3.49 -30.53 | 63.68 2.91 -35.41 | 57.95 2.74 -31.69 | 76.27 1.86 -58.28 | 106.78 -0.94 -116.00 | 69.36 3.14 -38.03 | 63.03 4.92 -13.27 | 64.43 3.81 -25.46 | 46.34 3.62 -7.59 | 41.06 2.42 -14.38 | 38.40 0.83 -28.42 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 69.59 2.85 -27.61 | 44.88 0.37 -39.88 | 46.35 0.58 -38.31 | 39.81 1.03 -25.43 | 39.47 1.04 -25.13 | 43.21 2.12 -16.34 | 41.96 2.30 -15.01 | 65.53 5.42 -2.92 | 94.91 2.83 -62.31 | 93.62 3.66 -51.53 | 75.92 4.08 -27.79 | 80.90 3.09 -44.39 | 61.23 4.94 -6.92 | 66.05 3.23 -30.44 | 63.25 2.56 -35.33 | 57.54 2.38 -31.63 | 75.96 1.67 -58.15 | 106.74 -0.86 -115.88 | 69.05 2.89 -37.98 | 62.71 4.61 -13.26 | 64.24 3.64 -25.43 | 46.22 3.51 -7.58 | 40.97 2.35 -14.36 | 38.33 0.82 -28.35 |
| EAST_HAMPTON___DIESEL 23722 | 64.56 4.35 -21.09 | 45.19 0.49 -40.07 | 46.76 0.81 -38.49 | 40.38 1.49 -25.54 | 40.25 1.70 -25.25 | 44.51 3.34 -16.41 | 43.35 3.62 -15.08 | 68.26 8.14 -2.93 | 97.00 4.85 -62.38 | 95.73 6.50 -50.80 | 77.86 7.60 -26.21 | 83.50 5.64 -44.43 | 64.83 8.50 -6.96 | 68.54 5.57 -30.60 | 65.47 4.49 -35.63 | 73.20 4.36 -45.32 | 88.14 3.07 -68.94 | 175.32 -1.53 -185.14 | 330.96 4.92 -297.86 | 65.88 7.75 -13.29 | 130.35 6.49 -88.70 | 48.45 5.73 -7.60 | 42.67 4.01 -14.40 | 39.10 1.47 -28.47 |

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|--------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| EAST_RIVER___1 323558 | 65.98 3.12 -23.74 | 45.01 0.40 -39.98 | 46.51 0.64 -38.41 | 39.98 1.14 -25.49 | 39.64 1.15 -25.20 | 43.49 2.35 -16.38 | 42.23 2.54 -15.05 | 66.09 5.98 -2.93 | 94.87 3.14 -61.96 | 92.05 4.06 -49.55 | 72.76 4.52 -24.18 | 80.95 3.39 -44.14 | 61.79 5.48 -6.94 | 66.49 3.59 -30.53 | 63.62 2.86 -35.41 | 57.87 2.65 -31.69 | 76.25 1.84 -58.28 | 106.78 -0.93 -116.00 | 69.35 3.14 -38.03 | 63.13 5.02 -13.27 | 64.58 3.96 -25.46 | 46.53 3.81 -7.59 | 41.22 2.58 -14.38 | 38.47 0.90 -28.42 |
| EAST_RIVER___2 323559 | 65.92 3.06 -23.74 | 45.01 0.40 -39.98 | 46.50 0.63 -38.41 | 39.96 1.13 -25.49 | 39.59 1.10 -25.20 | 43.44 2.30 -16.38 | 42.17 2.47 -15.05 | 65.87 5.75 -2.93 | 94.74 3.01 -61.96 | 91.88 3.89 -49.55 | 72.59 4.36 -24.18 | 80.83 3.27 -44.14 | 61.63 5.33 -6.94 | 66.39 3.49 -30.53 | 63.68 2.91 -35.41 | 57.95 2.74 -31.69 | 76.27 1.86 -58.28 | 106.78 -0.94 -116.00 | 69.36 3.14 -38.03 | 63.03 4.92 -13.27 | 64.43 3.81 -25.46 | 46.34 3.62 -7.59 | 41.06 2.42 -14.38 | 38.40 0.83 -28.42 |
| EAST___DELAWARE_HYD 23607 | 47.30 4.56 -3.62 | 39.32 0.57 -34.12 | 41.16 0.92 -32.78 | 36.73 1.62 -21.75 | 36.45 1.65 -21.50 | 42.00 3.26 -13.98 | 40.94 3.43 -12.86 | 67.89 8.16 -2.54 | 84.16 4.23 -50.16 | 72.46 5.44 -28.59 | 46.11 6.11 4.06 | 73.83 4.69 -35.72 | 62.39 7.01 -6.01 | 63.53 4.67 -26.49 | 60.64 3.68 -31.60 | 55.58 3.42 -28.64 | 70.46 2.38 -51.95 | 98.89 -1.24 -108.42 | 67.34 4.24 -34.92 | 64.02 6.69 -12.49 | 64.35 5.23 -23.96 | 47.26 4.98 -7.14 | 40.62 3.29 -13.07 | 35.24 1.18 -24.90 |
| ELEC_TRO_TEK 24086 | 63.82 3.61 -21.09 | 45.11 0.42 -40.07 | 46.63 0.68 -38.49 | 40.12 1.23 -25.54 | 39.84 1.29 -25.25 | 43.76 2.58 -16.41 | 42.47 2.74 -15.08 | 66.45 6.32 -2.93 | 95.65 3.50 -62.38 | 93.83 4.59 -50.80 | 75.32 5.06 -26.21 | 81.60 3.74 -44.43 | 62.22 5.90 -6.96 | 66.84 3.87 -30.60 | 64.11 3.12 -35.63 | 71.74 2.90 -45.32 | 87.09 2.01 -68.94 | 126.07 -1.02 -135.38 | 189.87 3.43 -158.25 | 63.42 5.31 -13.28 | 67.34 4.26 -27.93 | 46.65 3.92 -7.60 | 41.38 2.72 -14.40 | 38.62 0.99 -28.47 |
| ELLENBURG_WT_PWR 323604 | 37.99 -1.13 0.00 | 4.41 -0.21 0.00 | 7.19 -0.27 0.00 | 13.09 -0.27 0.00 | 12.85 -0.44 0.00 | 24.29 -0.47 0.00 | 24.11 -0.43 0.11 | 56.10 -0.84 0.25 | 24.00 -0.72 5.04 | 34.44 -0.84 3.15 | 43.26 -0.64 0.16 | 29.32 -0.51 3.60 | 47.92 -0.85 0.60 | 28.85 -0.93 2.60 | 22.85 -0.77 1.74 | 21.85 -0.67 1.01 | 12.67 -0.51 2.95 | -6.39 0.24 -1.66 | 26.98 -0.81 0.39 | 43.76 -1.40 -0.32 | 34.53 -1.24 -0.62 | 34.38 -0.93 -0.18 | 23.36 -0.55 0.35 | 7.62 -0.21 1.32 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 39.55 -0.26 -0.69 | 11.24 0.11 -6.50 | 13.85 0.14 -6.24 | 17.67 0.17 -4.14 | 17.54 0.15 -4.10 | 27.13 -0.29 -2.66 | 26.21 -0.85 -2.42 | 95.92 -1.41 -40.14 | 37.07 -1.05 -8.35 | 42.40 -1.24 -5.20 | 42.60 -1.71 -0.26 | 37.90 -1.30 -5.78 | 50.70 -2.00 -3.33 | 35.30 -1.44 -4.37 | 30.15 -1.27 -6.06 | 28.05 -1.35 -5.88 | 30.70 -0.73 -15.29 | 17.79 0.33 -25.75 | 45.41 -1.14 -18.36 | 77.59 -1.60 -34.36 | 40.22 -0.77 -5.83 | 35.88 -0.97 -1.73 | 26.79 -1.04 -3.56 | 13.34 -0.40 -4.58 |
| EMPIRE_CC_1 323656 | 48.84 1.79 -7.94 | 56.01 0.20 -51.17 | 56.94 0.32 -49.16 | 46.56 0.59 -32.62 | 46.21 0.66 -32.25 | 46.98 1.25 -20.97 | 45.44 1.17 -19.62 | 64.38 2.66 -4.54 | 123.18 1.35 -92.06 | 100.78 1.70 -60.65 | 55.28 1.90 -9.32 | 100.44 1.44 -65.57 | 62.32 2.19 -10.76 | 80.90 1.42 -47.10 | 75.40 1.11 -48.93 | 65.95 1.03 -41.40 | 97.75 0.70 -80.92 | 119.68 -0.36 -128.32 | 75.52 1.20 -46.13 | 60.86 1.90 -14.11 | 63.78 1.55 -27.07 | 44.80 1.59 -8.07 | 43.75 1.15 -18.34 | 49.33 0.44 -39.73 |
| EMPIRE_CC_2 323658 | 48.84 1.79 -7.94 | 56.01 0.20 -51.17 | 56.94 0.32 -49.16 | 46.56 0.59 -32.62 | 46.21 0.66 -32.25 | 46.98 1.25 -20.97 | 45.44 1.17 -19.62 | 64.38 2.66 -4.54 | 123.18 1.35 -92.06 | 100.78 1.70 -60.65 | 55.28 1.90 -9.32 | 100.44 1.44 -65.57 | 62.32 2.19 -10.76 | 80.90 1.42 -47.10 | 75.40 1.11 -48.93 | 65.95 1.03 -41.40 | 97.75 0.70 -80.92 | 119.68 -0.36 -128.32 | 75.52 1.20 -46.13 | 60.86 1.90 -14.11 | 63.78 1.55 -27.07 | 44.80 1.59 -8.07 | 43.75 1.15 -18.34 | 49.33 0.44 -39.73 |
| ERIE_WT_PWR 323693 | 39.96 0.14 -0.70 | 11.42 0.15 -6.64 | 14.05 0.21 -6.38 | 17.88 0.30 -4.23 | 17.75 0.27 -4.18 | 27.47 -0.01 -2.72 | 26.58 -0.54 -2.47 | 96.32 -0.58 -39.71 | 37.69 -0.65 -8.57 | 43.04 -0.74 -5.34 | 43.11 -1.21 -0.27 | 38.48 -0.88 -5.94 | 51.49 -1.35 -3.47 | 35.84 -1.03 -4.49 | 30.61 -0.96 -6.21 | 28.49 -1.06 -6.02 | 29.65 -0.52 -14.04 | 18.29 0.22 -26.36 | 45.85 -0.77 -18.44 | 70.07 -0.98 -26.20 | 40.83 -0.29 -5.96 | 36.39 -0.50 -1.76 | 27.21 -0.71 -3.66 | 13.58 -0.28 -4.70 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 41.09 1.00 -0.97 | 13.89 0.14 -9.12 | 16.45 0.22 -8.76 | 19.53 0.37 -5.81 | 19.43 0.39 -5.74 | 29.19 0.70 -3.74 | 28.77 0.71 -3.41 | 61.28 1.95 -2.14 | 43.27 1.00 -12.50 | 47.49 1.25 -7.81 | 45.79 1.34 -0.39 | 43.36 1.06 -8.89 | 52.55 1.61 -1.57 | 39.94 1.04 -6.52 | 35.02 0.79 -8.87 | 32.73 0.71 -8.50 | 31.33 0.54 -14.66 | 28.00 -0.29 -36.58 | 40.59 0.97 -11.44 | 51.65 1.59 -5.22 | 44.74 1.30 -8.28 | 38.72 1.12 -2.47 | 28.93 0.67 -4.00 | 16.07 0.23 -6.68 |
| E_CANADA_CAP_HY 24051 | 48.71 1.88 -7.71 | 77.50 0.24 -72.63 | 77.63 0.39 -69.77 | 60.32 0.66 -46.30 | 59.73 0.66 -45.77 | 55.86 1.34 -29.76 | 53.62 1.39 -27.59 | 66.51 3.45 -5.87 | 149.52 1.77 -117.99 | 114.58 2.43 -73.72 | 50.48 2.72 -3.69 | 119.47 1.99 -84.07 | 66.13 2.83 -13.93 | 94.87 1.75 -60.76 | 83.59 1.27 -56.95 | 70.01 1.16 -45.33 | 111.63 0.83 -94.66 | 102.20 -0.45 -110.93 | 75.81 1.65 -45.98 | 58.81 2.62 -11.35 | 58.92 1.99 -21.77 | 43.61 1.98 -6.49 | 45.01 1.24 -19.50 | 59.54 0.42 -49.97 |
| E_CANADA_MHWK_HY 24050 | 39.27 0.26 0.11 | 3.61 0.03 1.04 | 6.52 0.05 1.00 | 12.80 0.12 0.66 | 12.77 0.13 0.66 | 24.61 0.28 0.43 | 24.50 0.56 0.70 | 57.86 1.44 0.77 | 15.07 0.79 15.49 | 29.60 0.84 9.68 | 44.47 0.90 0.49 | 23.13 0.74 11.04 | 48.54 1.00 1.83 | 25.09 0.58 7.86 | 20.60 0.42 5.18 | 20.88 0.38 3.03 | 7.62 0.28 8.79 | -3.83 -0.16 -4.62 | 27.50 0.54 1.23 | 46.56 0.81 -0.91 | 37.78 0.87 -1.75 | 36.48 0.82 -0.52 | 23.86 0.67 1.07 | 5.33 0.27 4.10 |
| E_FISHKILL___LBMP 23776 | 50.92 2.64 -9.16 | 45.40 0.34 -40.44 | 46.84 0.53 -38.84 | 40.09 0.96 -25.78 | 39.74 0.96 -25.48 | 43.27 1.95 -16.57 | 41.97 2.10 -15.22 | 65.09 4.93 -2.96 | 93.13 2.58 -60.78 | 84.04 3.33 -42.27 | 58.51 3.73 -10.72 | 79.53 2.82 -43.29 | 60.88 4.49 -7.03 | 66.21 2.94 -30.90 | 63.43 2.33 -35.75 | 57.63 2.16 -31.95 | 76.48 1.50 -58.84 | 107.52 -0.77 -116.57 | 69.08 2.61 -38.29 | 62.32 4.16 -13.32 | 64.02 3.29 -25.56 | 45.93 3.18 -7.62 | 40.89 2.14 -14.49 | 38.62 0.74 -28.72 |
| FALCON___SEABRD_CC1 323796 | 38.48 -0.64 0.00 | 4.47 -0.15 0.00 | 7.27 -0.19 0.00 | 13.22 -0.13 0.00 | 13.01 -0.29 0.00 | 24.55 -0.21 0.00 | 24.42 -0.11 0.11 | 56.93 -0.01 0.25 | 24.46 -0.26 5.04 | 34.97 -0.31 3.15 | 43.83 -0.07 0.16 | 29.75 -0.08 3.59 | 48.54 -0.23 0.60 | 29.27 -0.51 2.59 | 23.17 -0.45 1.74 | 22.13 -0.39 1.01 | 12.87 -0.31 2.95 | -6.50 0.12 -1.67 | 27.34 -0.45 0.39 | 44.32 -0.84 -0.32 | 34.97 -0.80 -0.62 | 34.82 -0.49 -0.18 | 23.67 -0.24 0.35 | 7.74 -0.10 1.32 |
| FALCON___SEABRD_CC2 323797 | 38.48 -0.64 0.00 | 4.47 -0.15 0.00 | 7.27 -0.19 0.00 | 13.22 -0.13 0.00 | 13.01 -0.29 0.00 | 24.55 -0.21 0.00 | 24.42 -0.11 0.11 | 56.93 -0.01 0.25 | 24.46 -0.26 5.04 | 34.97 -0.31 3.15 | 43.83 -0.07 0.16 | 29.75 -0.08 3.59 | 48.54 -0.23 0.60 | 29.27 -0.51 2.59 | 23.17 -0.45 1.74 | 22.13 -0.39 1.01 | 12.87 -0.31 2.95 | -6.50 0.12 -1.67 | 27.34 -0.45 0.39 | 44.32 -0.84 -0.32 | 34.97 -0.80 -0.62 | 34.82 -0.49 -0.18 | 23.67 -0.24 0.35 | 7.74 -0.10 1.32 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| FAR ROCKAWAY___4 23548 | 64.40 4.19 -21.09 | 45.18 0.48 -40.07 | 46.73 0.78 -38.49 | 40.30 1.41 -25.54 | 40.02 1.47 -25.25 | 44.10 2.92 -16.41 | 42.82 3.09 -15.08 | 67.30 7.17 -2.93 | 96.10 3.95 -62.38 | 94.44 5.20 -50.80 | 76.00 5.74 -26.21 | 82.11 4.26 -44.43 | 63.01 6.69 -6.96 | 67.37 4.40 -30.60 | 64.51 3.53 -35.63 | 72.11 3.27 -45.32 | 87.34 2.26 -68.94 | 125.96 -1.13 -135.38 | 189.30 3.74 -157.37 | 64.15 6.03 -13.28 | 67.90 4.81 -27.93 | 47.20 4.47 -7.60 | 41.75 3.09 -14.40 | 38.75 1.12 -28.47 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 65.88 3.15 -23.61 | 45.02 0.41 -39.99 | 46.52 0.64 -38.41 | 39.99 1.15 -25.49 | 39.65 1.16 -25.20 | 43.52 2.38 -16.38 | 42.27 2.57 -15.05 | 66.18 6.06 -2.93 | 94.91 3.19 -61.95 | 92.04 4.11 -49.49 | 72.68 4.56 -24.06 | 80.98 3.43 -44.13 | 61.84 5.52 -6.94 | 66.53 3.62 -30.53 | 63.65 2.88 -35.41 | 57.89 2.67 -31.69 | 76.27 1.85 -58.28 | 106.78 -0.94 -116.01 | 69.38 3.16 -38.03 | 63.16 5.05 -13.27 | 64.62 4.00 -25.46 | 46.56 3.84 -7.59 | 41.24 2.60 -14.38 | 38.48 0.91 -28.42 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 65.89 3.16 -23.61 | 45.02 0.41 -39.99 | 46.52 0.64 -38.41 | 39.99 1.15 -25.49 | 39.65 1.16 -25.20 | 43.52 2.38 -16.38 | 42.27 2.57 -15.05 | 66.17 6.05 -2.93 | 94.91 3.19 -61.95 | 92.03 4.11 -49.49 | 72.68 4.56 -24.06 | 80.98 3.43 -44.13 | 61.84 5.52 -6.94 | 66.53 3.62 -30.53 | 63.65 2.88 -35.41 | 57.89 2.67 -31.69 | 76.27 1.85 -58.28 | 106.78 -0.94 -116.01 | 69.38 3.16 -38.03 | 63.17 5.06 -13.27 | 64.63 4.01 -25.46 | 46.58 3.86 -7.59 | 41.25 2.60 -14.38 | 38.48 0.91 -28.42 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 65.84 3.12 -23.61 | 45.01 0.40 -39.99 | 46.51 0.64 -38.41 | 39.98 1.14 -25.49 | 39.65 1.15 -25.20 | 43.49 2.35 -16.38 | 42.24 2.54 -15.05 | 66.11 5.99 -2.93 | 94.88 3.16 -61.95 | 92.00 4.07 -49.49 | 72.64 4.52 -24.06 | 80.95 3.40 -44.13 | 61.79 5.48 -6.94 | 66.50 3.59 -30.53 | 63.62 2.85 -35.41 | 57.86 2.65 -31.69 | 76.25 1.83 -58.28 | 106.79 -0.93 -116.01 | 69.35 3.13 -38.03 | 63.12 5.01 -13.27 | 64.59 3.97 -25.46 | 46.53 3.81 -7.59 | 41.22 2.58 -14.38 | 38.48 0.90 -28.42 |
| FARRAGUT___LBMP 323566 | 65.83 3.10 -23.61 | 45.01 0.40 -39.99 | 46.51 0.63 -38.41 | 39.97 1.13 -25.49 | 39.64 1.14 -25.20 | 43.48 2.34 -16.38 | 42.23 2.53 -15.05 | 66.06 5.94 -2.93 | 94.85 3.13 -61.95 | 91.95 4.03 -49.49 | 72.59 4.48 -24.06 | 80.91 3.36 -44.13 | 61.74 5.43 -6.94 | 66.46 3.56 -30.53 | 63.60 2.83 -35.41 | 57.84 2.63 -31.69 | 76.24 1.82 -58.28 | 106.80 -0.92 -116.01 | 69.32 3.10 -38.03 | 63.08 4.97 -13.27 | 64.56 3.94 -25.46 | 46.51 3.79 -7.59 | 41.21 2.57 -14.38 | 38.47 0.90 -28.42 |
| FENNER___WINDPWR 24204 | 40.37 0.76 -0.49 | 9.34 0.10 -4.62 | 12.05 0.15 -4.43 | 16.56 0.27 -2.94 | 16.47 0.26 -2.91 | 27.18 0.53 -1.89 | 26.82 0.58 -1.59 | 58.69 1.50 0.00 | 30.64 0.87 0.00 | 39.54 1.11 0.00 | 45.22 1.16 0.00 | 34.37 0.95 0.00 | 50.85 1.48 0.00 | 33.35 0.89 -0.08 | 28.35 0.66 -2.33 | 27.11 0.56 -3.02 | 20.22 0.39 -3.69 | 11.67 -0.20 -20.16 | 33.81 0.60 -5.02 | 48.38 1.01 -2.53 | 40.95 0.94 -4.85 | 37.38 0.80 -1.45 | 26.28 0.46 -1.55 | 11.07 0.17 -1.75 |
| FIBERTEK___ENERGY 23856 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| FITZPATRICK___ 23598 | 38.53 -0.87 -0.28 | 7.16 -0.08 -2.62 | 9.84 -0.14 -2.51 | 14.76 -0.26 -1.67 | 14.70 -0.25 -1.65 | 25.30 -0.53 -1.07 | 24.94 -0.61 -0.90 | 55.71 -1.48 0.00 | 29.07 -0.70 0.00 | 37.49 -0.95 0.00 | 42.91 -1.15 0.00 | 32.60 -0.83 0.00 | 48.04 -1.33 0.00 | 31.64 -0.77 -0.04 | 25.90 -0.59 -1.13 | 24.41 -0.57 -1.46 | 17.55 -0.36 -1.78 | 1.62 0.18 -9.72 | 29.93 -0.68 -2.42 | 44.93 -1.14 -1.22 | 36.66 -0.84 -2.34 | 34.91 -0.91 -0.70 | 24.39 -0.62 -0.75 | 9.86 -0.21 -0.92 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 46.32 2.98 -4.22 | 44.77 0.38 -39.77 | 46.26 0.60 -38.20 | 39.77 1.07 -25.35 | 39.43 1.07 -25.06 | 43.21 2.16 -16.29 | 41.98 2.34 -14.99 | 65.70 5.54 -2.97 | 92.30 2.90 -59.62 | 79.43 3.75 -37.25 | 50.16 4.24 -1.87 | 79.10 3.21 -42.46 | 61.48 5.08 -7.04 | 66.63 3.31 -30.94 | 63.64 2.62 -35.66 | 57.77 2.42 -31.82 | 76.55 1.70 -58.71 | 106.39 -0.88 -115.56 | 69.23 2.99 -38.05 | 62.79 4.76 -13.20 | 64.22 3.75 -25.32 | 46.26 3.58 -7.55 | 41.06 2.37 -14.42 | 38.57 0.83 -28.58 |
| FORT ORANGE___ 23900 | 48.72 1.62 -7.98 | 59.18 0.18 -54.38 | 59.99 0.30 -52.24 | 48.57 0.56 -34.67 | 48.17 0.61 -34.27 | 48.20 1.16 -22.28 | 47.05 1.16 -21.25 | 65.44 2.54 -5.71 | 146.66 1.34 -115.55 | 115.05 1.69 -74.93 | 55.18 1.87 -9.25 | 117.17 1.43 -82.32 | 65.02 2.10 -13.55 | 92.87 1.33 -59.17 | 83.81 0.94 -57.51 | 71.20 0.84 -46.84 | 112.15 0.58 -95.43 | 117.65 -0.30 -126.24 | 78.48 1.00 -49.29 | 59.74 1.56 -13.34 | 61.99 1.24 -25.59 | 44.03 1.28 -7.63 | 45.68 1.05 -20.38 | 56.16 0.41 -46.60 |
| FORT_DRUM_COGEN 23780 | 39.32 0.01 -0.19 | 6.40 -0.05 -1.83 | 9.09 -0.13 -1.75 | 14.25 -0.27 -1.17 | 14.38 -0.07 -1.15 | 25.44 -0.07 -0.75 | 25.50 0.22 -0.63 | 57.96 0.77 0.00 | 30.30 0.54 0.00 | 39.01 0.57 0.00 | 44.60 0.54 0.00 | 33.87 0.44 0.00 | 49.77 0.40 0.00 | 32.53 0.12 -0.04 | 26.43 -0.06 -1.13 | 24.77 -0.22 -1.47 | 17.71 -0.22 -1.79 | 1.56 0.08 -9.77 | 30.38 -0.24 -2.43 | 45.78 -0.29 -1.23 | 37.31 -0.20 -2.35 | 35.52 -0.31 -0.70 | 24.66 -0.35 -0.75 | 9.73 -0.17 -0.75 |
| FPL FAR_ROCK_GT1 24212 | 64.40 4.19 -21.09 | 45.18 0.48 -40.07 | 46.73 0.78 -38.49 | 40.30 1.41 -25.54 | 40.02 1.47 -25.25 | 44.10 2.92 -16.41 | 42.82 3.09 -15.08 | 67.30 7.17 -2.93 | 96.10 3.95 -62.38 | 94.44 5.20 -50.80 | 76.00 5.74 -26.21 | 82.11 4.26 -44.43 | 63.01 6.69 -6.96 | 67.37 4.40 -30.60 | 64.51 3.53 -35.63 | 72.11 3.27 -45.32 | 87.34 2.26 -68.94 | 125.96 -1.13 -135.38 | 189.30 3.74 -157.37 | 64.15 6.03 -13.28 | 67.90 4.81 -27.93 | 47.20 4.47 -7.60 | 41.75 3.09 -14.40 | 38.75 1.12 -28.47 |
| FPL FAR_ROCK_GT2 23815 | 64.40 4.19 -21.09 | 45.18 0.48 -40.07 | 46.73 0.78 -38.49 | 40.30 1.41 -25.54 | 40.02 1.47 -25.25 | 44.10 2.92 -16.41 | 42.82 3.09 -15.08 | 67.30 7.17 -2.93 | 96.10 3.95 -62.38 | 94.44 5.20 -50.80 | 76.00 5.74 -26.21 | 82.11 4.26 -44.43 | 63.01 6.69 -6.96 | 67.37 4.40 -30.60 | 64.51 3.53 -35.63 | 72.11 3.27 -45.32 | 87.34 2.26 -68.94 | 125.96 -1.13 -135.38 | 189.30 3.74 -157.37 | 64.15 6.03 -13.28 | 67.90 4.81 -27.93 | 47.20 4.47 -7.60 | 41.75 3.09 -14.40 | 38.75 1.12 -28.47 |
| FRANKLIN_FALL_HYD 24054 | 38.46 -0.66 0.00 | 4.48 -0.15 0.00 | 7.27 -0.19 0.00 | 13.15 -0.20 0.00 | 12.98 -0.32 0.00 | 24.43 -0.32 0.00 | 24.24 -0.30 0.11 | 56.50 -0.44 0.25 | 24.30 -0.49 4.98 | 34.82 -0.50 3.11 | 43.70 -0.20 0.16 | 29.63 -0.24 3.55 | 48.36 -0.42 0.59 | 29.15 -0.64 2.58 | 23.12 -0.55 1.69 | 22.12 -0.46 0.94 | 12.89 -0.37 2.88 | -5.93 0.16 -2.19 | 27.42 -0.51 0.26 | 44.33 -0.89 -0.39 | 34.98 -0.93 -0.74 | 34.75 -0.60 -0.22 | 23.57 -0.38 0.32 | 7.66 -0.19 1.31 |
| FREEPORT_EQU_S_GT1 23764 | 64.15 3.94 -21.09 | 45.15 0.45 -40.07 | 46.69 0.74 -38.49 | 40.23 1.33 -25.54 | 39.96 1.42 -25.25 | 43.97 2.80 -16.41 | 42.69 2.96 -15.08 | 66.96 6.83 -2.93 | 95.96 3.81 -62.38 | 94.24 5.00 -50.80 | 75.62 5.35 -26.21 | 81.82 3.96 -44.43 | 62.53 6.21 -6.96 | 67.06 4.09 -30.60 | 64.28 3.30 -35.63 | 71.91 3.07 -45.32 | 87.21 2.13 -68.94 | 126.00 -1.09 -135.38 | 192.62 3.68 -160.75 | 63.74 5.62 -13.28 | 67.62 4.53 -27.93 | 46.96 4.24 -7.60 | 41.62 2.96 -14.40 | 38.72 1.10 -28.47 |

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| FREEPORT___CT2 23818 | 64.15 3.94 -21.09 | 45.15 0.45 -40.07 | 46.69 0.74 -38.49 | 40.23 1.33 -25.54 | 39.96 1.42 -25.25 | 43.97 2.80 -16.41 | 42.69 2.96 -15.08 | 66.96 6.83 -2.93 | 95.96 3.81 -62.38 | 94.24 5.00 -50.80 | 75.62 5.35 -26.21 | 81.82 3.96 -44.43 | 62.53 6.21 -6.96 | 67.06 4.09 -30.60 | 64.28 3.30 -35.63 | 71.91 3.07 -45.32 | 87.21 2.13 -68.94 | 126.00 -1.09 -135.38 | 192.62 3.68 -160.75 | 63.74 5.62 -13.28 | 67.62 4.53 -27.93 | 46.96 4.24 -7.60 | 41.62 2.96 -14.40 | 38.72 1.10 -28.47 |
| FULTON COGEN____ 23766 | 39.07 -0.40 -0.35 | 7.92 -0.03 -3.32 | 10.60 -0.05 -3.19 | 15.36 -0.11 -2.12 | 15.32 -0.07 -2.09 | 25.91 -0.21 -1.36 | 25.54 -0.26 -1.14 | 56.54 -0.65 0.00 | 29.49 -0.28 0.00 | 38.06 -0.38 0.00 | 43.55 -0.50 0.00 | 33.10 -0.32 0.00 | 48.78 -0.59 0.00 | 32.14 -0.29 -0.05 | 26.61 -0.23 -1.48 | 25.21 -0.24 -1.92 | 18.36 -0.12 -2.35 | 4.59 0.06 -12.82 | 31.13 -0.25 -3.19 | 45.96 -0.48 -1.61 | 37.90 -0.34 -3.08 | 35.57 -0.47 -0.92 | 24.89 -0.35 -0.98 | 10.22 -0.12 -1.18 |
| FULTON___LFGE 323630 | 50.64 4.28 -7.24 | 73.38 0.52 -68.24 | 73.86 0.85 -65.55 | 58.34 1.49 -43.50 | 57.81 1.51 -43.00 | 55.74 3.02 -27.96 | 54.20 3.27 -26.28 | 71.46 7.94 -6.32 | 161.55 4.08 -127.70 | 125.61 5.36 -81.82 | 58.09 5.87 -8.16 | 128.87 4.46 -90.99 | 70.91 6.54 -15.01 | 102.00 4.19 -65.43 | 89.31 3.21 -60.75 | 74.52 2.96 -48.05 | 119.26 2.10 -101.02 | 104.80 -1.15 -114.24 | 80.40 3.99 -48.22 | 62.65 6.25 -11.56 | 62.10 4.76 -22.19 | 46.32 4.58 -6.62 | 47.77 2.90 -20.61 | 62.01 1.03 -51.82 |
| G.F.CEMENT___DRP 24184 | 50.67 3.27 -8.29 | 63.68 0.39 -58.66 | 64.44 0.62 -56.35 | 51.84 1.09 -37.40 | 51.27 1.00 -36.96 | 50.44 1.65 -24.03 | 49.60 1.67 -23.28 | 68.34 4.18 -6.96 | 173.09 2.26 -141.06 | 132.24 2.86 -90.94 | 57.01 3.30 -9.65 | 136.71 2.50 -100.79 | 69.60 3.62 -16.61 | 107.26 2.50 -72.39 | 93.78 1.80 -66.62 | 77.48 1.57 -52.39 | 128.10 1.12 -110.84 | 112.33 -0.61 -121.23 | 82.33 2.07 -52.07 | 60.15 3.16 -12.14 | 60.73 2.27 -23.30 | 44.30 2.22 -6.95 | 48.37 1.70 -22.41 | 64.11 0.78 -54.17 |
| GARDENVILLE___LBMP 24039 | 39.86 0.04 -0.71 | 11.41 0.14 -6.65 | 14.03 0.18 -6.39 | 17.84 0.25 -4.24 | 17.71 0.22 -4.19 | 27.38 -0.10 -2.72 | 26.49 -0.64 -2.47 | 95.50 -0.79 -39.10 | 37.58 -0.76 -8.57 | 42.89 -0.89 -5.35 | 42.97 -1.35 -0.27 | 38.34 -1.02 -5.94 | 51.23 -1.54 -3.40 | 35.71 -1.16 -4.49 | 30.51 -1.06 -6.21 | 28.40 -1.14 -6.02 | 29.86 -0.59 -14.31 | 18.31 0.26 -26.33 | 45.55 -0.88 -18.24 | 71.37 -1.15 -27.68 | 40.68 -0.44 -5.96 | 36.26 -0.63 -1.77 | 27.10 -0.80 -3.64 | 13.55 -0.31 -4.70 |
| GENERAL___MILLS 23808 | 39.95 0.12 -0.70 | 11.42 0.15 -6.64 | 14.05 0.20 -6.38 | 17.87 0.29 -4.23 | 17.75 0.26 -4.18 | 27.45 -0.03 -2.72 | 26.56 -0.56 -2.47 | 96.27 -0.63 -39.71 | 37.67 -0.68 -8.57 | 43.01 -0.77 -5.34 | 43.09 -1.23 -0.27 | 38.45 -0.91 -5.94 | 51.45 -1.39 -3.47 | 35.81 -1.05 -4.49 | 30.59 -0.97 -6.21 | 28.48 -1.07 -6.02 | 29.64 -0.54 -14.04 | 18.30 0.23 -26.36 | 45.84 -0.78 -18.44 | 70.03 -1.01 -26.20 | 40.81 -0.31 -5.96 | 36.37 -0.52 -1.76 | 27.20 -0.72 -3.66 | 13.57 -0.28 -4.70 |
| GE_PLASTICS___DRP 24183 | 48.64 1.69 -7.82 | 57.97 0.20 -53.15 | 58.84 0.33 -51.05 | 47.83 0.60 -33.88 | 47.41 0.62 -33.49 | 47.73 1.19 -21.77 | 46.55 1.21 -20.69 | 65.32 2.70 -5.43 | 140.98 1.41 -109.81 | 111.51 1.79 -71.28 | 55.00 2.00 -8.95 | 113.19 1.54 -78.23 | 64.57 2.33 -12.87 | 90.14 1.52 -56.24 | 82.05 1.19 -55.50 | 70.22 1.08 -45.61 | 108.91 0.75 -92.02 | 118.68 -0.38 -127.36 | 78.16 1.30 -48.68 | 60.46 2.02 -13.60 | 62.87 1.62 -26.10 | 44.54 1.62 -7.78 | 45.34 1.15 -19.93 | 54.48 0.44 -44.88 |
| GILBOA___1 23756 | 44.95 1.58 -4.25 | 44.84 0.20 -40.01 | 46.24 0.35 -38.43 | 39.43 0.57 -25.51 | 39.08 0.57 -25.21 | 42.26 1.11 -16.39 | 40.62 1.15 -14.82 | 62.27 2.68 -2.40 | 79.47 1.39 -48.31 | 70.38 1.77 -30.18 | 47.52 1.96 -1.51 | 69.33 1.51 -34.40 | 57.41 2.34 -5.70 | 59.06 1.54 -25.15 | 57.80 1.21 -31.23 | 53.44 1.10 -28.81 | 68.16 0.76 -51.26 | 105.17 -0.38 -113.84 | 65.32 1.28 -35.86 | 60.09 2.03 -13.22 | 62.23 1.70 -25.37 | 44.38 1.68 -7.57 | 38.64 1.14 -13.24 | 35.06 0.43 -25.47 |
| GILBOA___2 23757 | 44.95 1.58 -4.25 | 44.84 0.20 -40.01 | 46.24 0.35 -38.43 | 39.43 0.57 -25.51 | 39.08 0.57 -25.21 | 42.26 1.11 -16.39 | 40.62 1.15 -14.82 | 62.27 2.68 -2.40 | 79.47 1.39 -48.31 | 70.38 1.77 -30.18 | 47.52 1.96 -1.51 | 69.33 1.51 -34.40 | 57.41 2.34 -5.70 | 59.06 1.54 -25.15 | 57.80 1.21 -31.23 | 53.44 1.10 -28.81 | 68.16 0.76 -51.26 | 105.17 -0.38 -113.84 | 65.32 1.28 -35.86 | 60.09 2.03 -13.22 | 62.23 1.70 -25.37 | 44.38 1.68 -7.57 | 38.64 1.14 -13.24 | 35.06 0.43 -25.47 |
| GILBOA___3 23758 | 44.95 1.58 -4.25 | 44.84 0.20 -40.01 | 46.24 0.35 -38.43 | 39.43 0.57 -25.51 | 39.08 0.57 -25.21 | 42.26 1.11 -16.39 | 40.62 1.15 -14.82 | 62.27 2.68 -2.40 | 79.47 1.39 -48.31 | 70.38 1.77 -30.18 | 47.52 1.96 -1.51 | 69.33 1.51 -34.40 | 57.41 2.34 -5.70 | 59.06 1.54 -25.15 | 57.80 1.21 -31.23 | 53.44 1.10 -28.81 | 68.16 0.76 -51.26 | 105.17 -0.38 -113.84 | 65.32 1.28 -35.86 | 60.09 2.03 -13.22 | 62.23 1.70 -25.37 | 44.38 1.68 -7.57 | 38.64 1.14 -13.24 | 35.06 0.43 -25.47 |
| GILBOA___4 23759 | 44.95 1.58 -4.25 | 44.84 0.20 -40.01 | 46.24 0.35 -38.43 | 39.43 0.57 -25.51 | 39.08 0.57 -25.21 | 42.26 1.11 -16.39 | 40.62 1.15 -14.82 | 62.27 2.68 -2.40 | 79.47 1.39 -48.31 | 70.38 1.77 -30.18 | 47.52 1.96 -1.51 | 69.33 1.51 -34.40 | 57.41 2.34 -5.70 | 59.06 1.54 -25.15 | 57.80 1.21 -31.23 | 53.44 1.10 -28.81 | 68.16 0.76 -51.26 | 105.17 -0.38 -113.84 | 65.32 1.28 -35.86 | 60.09 2.03 -13.22 | 62.23 1.70 -25.37 | 44.38 1.68 -7.57 | 38.64 1.14 -13.24 | 35.06 0.43 -25.47 |
| GILBOA____ 23599 | 44.95 1.58 -4.25 | 44.84 0.20 -40.01 | 46.24 0.35 -38.43 | 39.43 0.57 -25.51 | 39.08 0.57 -25.21 | 42.26 1.11 -16.39 | 40.62 1.15 -14.82 | 62.27 2.68 -2.40 | 79.47 1.39 -48.31 | 70.38 1.77 -30.18 | 47.52 1.96 -1.51 | 69.33 1.51 -34.40 | 57.41 2.34 -5.70 | 59.06 1.54 -25.15 | 57.80 1.21 -31.23 | 53.44 1.10 -28.81 | 68.16 0.76 -51.26 | 105.17 -0.38 -113.84 | 65.32 1.28 -35.86 | 60.09 2.03 -13.22 | 62.23 1.70 -25.37 | 44.38 1.68 -7.57 | 38.64 1.14 -13.24 | 35.06 0.43 -25.47 |
| GINNA____ 23603 | 39.06 -0.55 -0.49 | 9.25 -0.01 -4.63 | 11.89 -0.03 -4.45 | 16.23 -0.08 -2.95 | 16.16 -0.06 -2.92 | 26.35 -0.31 -1.90 | 25.88 -0.48 -1.72 | 55.40 -0.92 0.87 | 34.75 -0.46 -5.44 | 41.28 -0.55 -3.40 | 43.50 -0.73 -0.17 | 36.66 -0.65 -3.89 | 48.80 -1.15 -0.58 | 34.66 -0.55 -2.84 | 28.99 -0.48 -4.11 | 27.04 -0.52 -4.03 | 22.44 -0.26 -6.57 | 10.01 0.10 -18.19 | 32.84 -0.41 -5.06 | 45.47 -0.70 -1.33 | 38.91 -0.40 -4.15 | 35.77 -0.60 -1.24 | 25.54 -0.59 -1.87 | 12.02 -0.26 -3.12 |
| GLEN PARK____ 23778 | 39.42 0.10 -0.20 | 6.51 -0.04 -1.92 | 9.20 -0.11 -1.84 | 14.34 -0.23 -1.22 | 14.46 -0.05 -1.21 | 25.54 0.00 -0.78 | 25.62 0.31 -0.66 | 58.18 0.99 0.00 | 30.42 0.65 0.00 | 39.17 0.73 0.00 | 44.78 0.72 0.00 | 34.00 0.58 0.00 | 49.97 0.60 0.00 | 32.67 0.25 -0.04 | 26.56 0.05 -1.15 | 24.90 -0.12 -1.49 | 17.82 -0.14 -1.82 | 1.71 0.03 -9.96 | 30.58 -0.09 -2.48 | 46.02 -0.07 -1.25 | 37.53 -0.03 -2.40 | 35.68 -0.17 -0.71 | 24.76 -0.26 -0.76 | 9.79 -0.14 -0.77 |
| GLENWOOD_IC_1_G5 23712 | 63.80 3.59 -21.09 | 45.12 0.43 -40.07 | 46.64 0.70 -38.49 | 40.14 1.25 -25.54 | 39.84 1.29 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.57 6.45 -2.93 | 95.67 3.52 -62.38 | 93.85 4.61 -50.80 | 75.41 5.14 -26.21 | 81.69 3.83 -44.43 | 62.35 6.03 -6.96 | 66.92 3.96 -30.60 | 64.15 3.16 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 190.73 3.51 -159.03 | 63.59 5.46 -13.28 | 67.45 4.36 -27.93 | 46.80 4.08 -7.60 | 41.43 2.76 -14.40 | 38.62 0.99 -28.47 |

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|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_2_G1 23688 | 63.59 3.37 -21.09 | 45.11 0.41 -40.07 | 46.61 0.66 -38.49 | 40.08 1.19 -25.54 | 39.77 1.22 -25.25 | 43.63 2.46 -16.41 | 42.34 2.62 -15.08 | 66.24 6.12 -2.93 | 95.45 3.30 -62.38 | 93.54 4.30 -50.80 | 75.07 4.81 -26.21 | 81.44 3.59 -44.43 | 62.01 5.69 -6.96 | 66.70 3.73 -30.60 | 63.96 2.98 -35.63 | 71.61 2.77 -45.32 | 86.99 1.92 -68.94 | 126.11 -0.97 -135.38 | 188.85 3.29 -157.37 | 63.30 5.18 -13.28 | 67.21 4.13 -27.93 | 46.62 3.90 -7.60 | 41.30 2.63 -14.40 | 38.57 0.94 -28.47 |
| GLENWOOD_IC_3_G1 23689 | 63.59 3.37 -21.09 | 45.11 0.41 -40.07 | 46.61 0.66 -38.49 | 40.08 1.19 -25.54 | 39.77 1.22 -25.25 | 43.63 2.46 -16.41 | 42.34 2.62 -15.08 | 66.24 6.12 -2.93 | 95.45 3.30 -62.38 | 93.54 4.30 -50.80 | 75.07 4.81 -26.21 | 81.44 3.59 -44.43 | 62.01 5.69 -6.96 | 66.70 3.73 -30.60 | 63.96 2.98 -35.63 | 71.61 2.77 -45.32 | 86.99 1.92 -68.94 | 126.11 -0.97 -135.38 | 188.85 3.29 -157.37 | 63.30 5.18 -13.28 | 67.21 4.13 -27.93 | 46.62 3.90 -7.60 | 41.30 2.63 -14.40 | 38.57 0.94 -28.47 |
| GLENWOOD___4 23550 | 63.80 3.59 -21.09 | 45.12 0.43 -40.07 | 46.64 0.70 -38.49 | 40.14 1.25 -25.54 | 39.84 1.29 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.57 6.45 -2.93 | 95.67 3.52 -62.38 | 93.85 4.61 -50.80 | 75.41 5.14 -26.21 | 81.69 3.83 -44.43 | 62.35 6.03 -6.96 | 66.92 3.96 -30.60 | 64.15 3.16 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 190.73 3.51 -159.03 | 63.59 5.46 -13.28 | 67.45 4.36 -27.93 | 46.80 4.08 -7.60 | 41.43 2.76 -14.40 | 38.62 0.99 -28.47 |
| GLENWOOD___5 23614 | 63.80 3.59 -21.09 | 45.12 0.43 -40.07 | 46.64 0.70 -38.49 | 40.14 1.25 -25.54 | 39.84 1.29 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.57 6.45 -2.93 | 95.67 3.52 -62.38 | 93.85 4.61 -50.80 | 75.41 5.14 -26.21 | 81.69 3.83 -44.43 | 62.35 6.03 -6.96 | 66.92 3.96 -30.60 | 64.15 3.16 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 190.73 3.51 -159.03 | 63.59 5.46 -13.28 | 67.45 4.36 -27.93 | 46.80 4.08 -7.60 | 41.43 2.76 -14.40 | 38.62 0.99 -28.47 |
| GLOBAL GREEN_PORT_GT1 23814 | 64.52 4.31 -21.09 | 45.18 0.49 -40.07 | 46.75 0.80 -38.49 | 40.36 1.47 -25.54 | 40.23 1.68 -25.25 | 44.48 3.30 -16.41 | 43.33 3.60 -15.08 | 68.20 8.08 -2.93 | 96.97 4.82 -62.38 | 95.70 6.46 -50.80 | 77.79 7.53 -26.21 | 83.45 5.59 -44.43 | 64.75 8.42 -6.96 | 68.48 5.52 -30.60 | 65.43 4.44 -35.63 | 73.15 4.31 -45.32 | 88.11 3.03 -68.94 | 175.32 -1.50 -185.11 | 330.52 4.57 -297.76 | 65.67 7.54 -13.29 | 130.24 6.43 -88.65 | 48.39 5.66 -7.60 | 42.63 3.96 -14.40 | 39.08 1.45 -28.47 |
| GLOBE___DSASP 323697 | 38.32 -1.46 -0.66 | 10.83 -0.01 -6.21 | 13.36 -0.07 -5.96 | 17.12 -0.19 -3.96 | 16.99 -0.22 -3.91 | 26.22 -1.09 -2.54 | 25.17 -1.78 -2.30 | 32.77 -3.86 20.56 | 35.29 -2.24 -7.77 | 40.55 -2.75 -4.86 | 40.98 -3.32 -0.25 | 36.18 -2.60 -5.36 | 44.94 -3.97 0.46 | 33.71 -2.73 -4.06 | 28.77 -2.27 -5.68 | 26.74 -2.27 -5.48 | 22.48 -1.37 -7.72 | 16.39 0.65 -24.02 | 27.51 -2.29 -1.61 | 34.74 -3.46 6.64 | 38.44 -2.20 -5.48 | 34.47 -2.30 -1.64 | 24.37 -1.99 -2.10 | 12.71 -0.76 -4.31 |
| GOETHSLN___LBMP 323567 | 65.63 2.91 -23.61 | 44.99 0.38 -39.99 | 46.48 0.60 -38.41 | 39.92 1.07 -25.49 | 39.57 1.08 -25.20 | 43.39 2.24 -16.38 | 42.14 2.44 -15.05 | 65.84 5.72 -2.93 | 94.71 2.99 -61.95 | 91.76 3.83 -49.49 | 72.35 4.23 -24.06 | 80.73 3.18 -44.13 | 61.52 5.21 -6.94 | 66.33 3.42 -30.53 | 63.49 2.72 -35.41 | 57.75 2.53 -31.69 | 76.18 1.75 -58.28 | 106.84 -0.89 -116.01 | 69.19 2.97 -38.03 | 62.88 4.77 -13.27 | 64.41 3.79 -25.46 | 46.36 3.65 -7.59 | 41.12 2.47 -14.38 | 38.43 0.86 -28.42 |
| GOODYEAR_LAKE_HYD 323669 | 41.56 1.62 -0.82 | 12.56 0.21 -7.72 | 15.23 0.35 -7.42 | 18.84 0.57 -4.93 | 18.75 0.58 -4.86 | 29.08 1.16 -3.16 | 29.77 1.23 -3.89 | 63.00 3.07 -2.75 | 86.51 1.57 -55.17 | 74.99 2.09 -34.46 | 48.10 2.32 -1.73 | 74.49 1.78 -39.29 | 58.56 2.68 -6.51 | 62.64 1.72 -28.55 | 57.51 1.32 -30.82 | 51.37 1.21 -26.63 | 67.89 0.86 -50.89 | 79.46 -0.45 -88.20 | 60.29 1.56 -30.54 | 57.20 2.50 -9.86 | 56.09 2.01 -18.92 | 42.67 1.91 -5.64 | 37.35 1.19 -11.91 | 30.01 0.41 -20.45 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 41.37 0.85 -1.40 | 17.96 0.13 -13.20 | 20.35 0.21 -12.68 | 22.10 0.33 -8.41 | 21.98 0.36 -8.32 | 30.81 0.64 -5.41 | 30.22 0.61 -4.96 | 61.80 1.70 -2.91 | 49.64 0.78 -19.08 | 51.35 0.99 -11.92 | 45.62 0.97 -0.60 | 47.80 0.81 -13.57 | 53.06 1.32 -2.37 | 43.12 0.79 -9.96 | 39.14 0.60 -13.18 | 36.56 0.55 -12.48 | 38.36 0.44 -21.78 | 43.90 -0.23 -52.41 | 45.47 0.76 -16.53 | 53.51 1.29 -7.38 | 48.08 1.10 -11.81 | 39.61 0.96 -3.52 | 30.67 0.57 -5.84 | 19.30 0.21 -9.94 |
| GOUDEY___7 23579 | 41.40 0.88 -1.40 | 17.96 0.14 -13.20 | 20.36 0.21 -12.68 | 22.11 0.34 -8.41 | 21.99 0.37 -8.32 | 30.83 0.66 -5.41 | 30.25 0.63 -4.96 | 61.86 1.76 -2.91 | 49.66 0.81 -19.08 | 51.39 1.03 -11.92 | 45.67 1.01 -0.60 | 47.83 0.84 -13.57 | 53.11 1.37 -2.37 | 43.16 0.83 -9.96 | 39.17 0.63 -13.18 | 36.59 0.58 -12.48 | 38.38 0.45 -21.78 | 43.89 -0.23 -52.41 | 45.50 0.79 -16.53 | 53.56 1.33 -7.38 | 48.11 1.14 -11.81 | 39.65 0.99 -3.52 | 30.68 0.58 -5.84 | 19.31 0.21 -9.94 |
| GOUDEY___8 23580 | 41.37 0.85 -1.40 | 17.96 0.13 -13.20 | 20.35 0.21 -12.68 | 22.10 0.33 -8.41 | 21.98 0.36 -8.32 | 30.81 0.64 -5.41 | 30.22 0.61 -4.96 | 61.80 1.70 -2.91 | 49.64 0.78 -19.08 | 51.35 0.99 -11.92 | 45.62 0.97 -0.60 | 47.80 0.81 -13.57 | 53.06 1.32 -2.37 | 43.12 0.79 -9.96 | 39.14 0.60 -13.18 | 36.56 0.55 -12.48 | 38.36 0.44 -21.78 | 43.90 -0.23 -52.41 | 45.47 0.76 -16.53 | 53.51 1.29 -7.38 | 48.08 1.10 -11.81 | 39.61 0.96 -3.52 | 30.67 0.57 -5.84 | 19.30 0.21 -9.94 |
| GOWANUS_GT1_1 24077 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_2 24078 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_3 24079 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_4 24080 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|---------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_5 24084 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_6 24111 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_7 24112 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT1_8 24113 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT2_1 24114 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT2_2 24115 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT2_3 24116 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27</ | | | | |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_4 24125 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT3_5 24126 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT3_6 24127 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT3_7 24128 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT3_8 24129 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_1 24130 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_2 24131 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_3 24132 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_4 24133 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_5 24134 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_6 24135 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_7 24136 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GOWANUS_GT4_8 24137 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GREENIDGE___3 23582 | 40.90 0.92 -0.86 | 12.91 0.15 -8.13 | 15.52 0.24 -7.81 | 18.92 0.39 -5.18 | 18.85 0.43 -5.12 | 28.78 0.69 -3.33 | 28.29 0.60 -3.03 | 62.85 1.74 -3.92 | 41.37 0.82 -10.78 | 46.18 1.00 -6.74 | 45.32 0.93 -0.34 | 41.83 0.76 -7.65 | 52.02 1.17 -1.48 | 38.73 0.73 -5.63 | 33.58 0.51 -7.71 | 31.36 0.43 -7.40 | 29.47 0.41 -12.92 | 23.52 -0.22 -32.02 | 39.48 0.76 -10.53 | 51.78 1.27 -5.67 | 43.56 1.14 -7.26 | 38.19 0.89 -2.17 | 28.23 0.44 -3.53 | 15.13 0.14 -5.83 |
| GREENIDGE___4 23583 | 40.90 0.92 -0.86 | 12.91 0.15 -8.13 | 15.52 0.24 -7.81 | 18.92 0.39 -5.18 | 18.85 0.43 -5.12 | 28.78 0.69 -3.33 | 28.29 0.60 -3.03 | 62.85 1.74 -3.92 | 41.37 0.82 -10.78 | 46.18 1.00 -6.74 | 45.32 0.93 -0.34 | 41.83 0.76 -7.65 | 52.02 1.17 -1.48 | 38.73 0.73 -5.63 | 33.58 0.51 -7.71 | 31.36 0.43 -7.40 | 29.47 0.41 -12.92 | 23.52 -0.22 -32.02 | 39.48 0.76 -10.53 | 51.78 1.27 -5.67 | 43.56 1.14 -7.26 | 38.19 0.89 -2.17 | 28.23 0.44 -3.53 | 15.13 0.14 -5.83 |

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|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| GROVEVILLE__HYD 323602 | 46.32 2.98 -4.22 | 44.77 0.38 -39.77 | 46.26 0.60 -38.20 | 39.77 1.07 -25.35 | 39.43 1.07 -25.06 | 43.21 2.16 -16.29 | 41.98 2.34 -14.99 | 65.70 5.54 -2.97 | 92.30 2.90 -59.62 | 79.43 3.75 -37.25 | 50.16 4.24 -1.87 | 79.10 3.21 -42.46 | 61.48 5.08 -7.04 | 66.63 3.31 -30.94 | 63.64 2.62 -35.66 | 57.77 2.42 -31.82 | 76.55 1.70 -58.71 | 106.39 -0.88 -115.56 | 69.23 2.99 -38.05 | 62.79 4.76 -13.20 | 64.22 3.75 -25.32 | 46.26 3.58 -7.55 | 41.06 2.37 -14.42 | 38.57 0.83 -28.58 |
| HAMPSHIRE__PAPER_HYD 323593 | 38.51 -0.61 0.00 | 4.51 -0.11 0.00 | 7.26 -0.20 0.00 | 13.02 -0.34 0.00 | 13.01 -0.28 0.00 | 24.30 -0.46 0.00 | 24.16 -0.39 0.10 | 56.25 -0.71 0.23 | 24.75 -0.43 4.59 | 35.02 -0.55 2.86 | 43.53 -0.38 0.14 | 29.72 -0.43 3.27 | 48.06 -0.77 0.54 | 29.15 -0.74 2.48 | 23.29 -0.67 1.39 | 22.35 -0.66 0.50 | 13.23 -2.63 2.42 | -2.63 0.24 -5.42 | 27.95 -0.74 -0.51 | 44.47 -1.17 -0.80 | 35.58 -1.11 -1.53 | 34.67 -0.92 -0.46 | 23.50 -0.67 0.09 | 7.64 -0.30 1.21 |
| HARDSCRABBLE_WT_PWR 323673 | 38.78 -0.23 0.11 | 3.56 -0.03 1.04 | 6.43 -0.04 1.00 | 12.65 -0.04 0.66 | 12.61 -0.03 0.66 | 24.31 -0.02 0.43 | 24.20 0.25 0.70 | 57.09 0.67 0.77 | 14.66 0.38 15.49 | 29.12 0.36 9.68 | 43.94 0.37 0.49 | 22.70 0.32 11.04 | 47.80 0.26 1.83 | 24.60 0.08 7.86 | 20.21 0.03 5.18 | 20.51 0.01 3.03 | 7.37 0.02 8.79 | -3.70 -0.03 -4.62 | 27.09 0.13 1.23 | 45.93 0.18 -0.91 | 37.35 0.45 -1.75 | 36.14 0.49 -0.52 | 23.68 0.49 1.07 | 5.26 0.20 4.10 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 34.88 2.63 6.87 | 41.09 0.34 -36.12 | 42.69 0.53 -34.70 | 37.33 0.95 -23.03 | 37.01 0.94 -22.76 | 41.49 1.93 -14.80 | 40.30 2.06 -13.59 | 64.74 4.91 -2.63 | 81.47 2.53 -49.17 | 59.60 3.27 -17.89 | 22.96 3.67 24.76 | 71.24 2.81 -35.01 | 60.07 4.46 -6.24 | 62.80 2.93 -27.50 | 60.33 2.33 -32.64 | 55.22 2.17 -29.52 | 71.34 1.54 -53.67 | 102.05 -0.80 -111.13 | 66.80 2.71 -35.90 | 61.94 4.31 -12.79 | 63.11 3.42 -24.53 | 45.70 3.26 -7.32 | 39.86 2.14 -13.46 | 35.81 0.74 -25.91 |
| HARZA MOOSE__RIVER 24016 | 39.79 0.66 0.00 | 4.69 0.06 0.00 | 7.55 0.08 0.00 | 13.49 0.14 0.00 | 13.50 0.20 0.00 | 25.23 0.47 0.00 | 25.16 0.66 0.15 | 58.57 1.72 0.33 | 24.06 0.97 6.67 | 35.48 1.22 4.17 | 45.21 1.36 0.21 | 29.69 1.03 4.76 | 49.96 1.39 0.79 | 29.38 0.76 3.76 | 23.42 0.43 2.37 | 22.88 0.35 0.99 | 12.29 0.24 4.08 | -1.08 -0.14 -7.35 | 29.12 0.45 -0.49 | 46.66 0.71 -1.11 | 37.84 0.55 -2.13 | 36.23 0.47 -0.63 | 24.25 0.23 0.24 | 7.23 0.06 1.99 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 65.14 3.25 -22.77 | 45.06 0.42 -40.01 | 46.56 0.67 -38.44 | 40.05 1.19 -25.51 | 39.71 1.19 -25.22 | 43.60 2.45 -16.39 | 42.33 2.62 -15.06 | 66.21 6.09 -2.93 | 94.88 3.22 -61.89 | 91.69 4.17 -49.08 | 71.97 4.61 -23.30 | 80.97 3.47 -44.08 | 61.96 5.65 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.30 1.85 -58.32 | 106.81 -0.94 -116.04 | 69.42 3.19 -38.05 | 63.22 5.10 -13.27 | 64.69 4.06 -25.46 | 46.63 3.91 -7.59 | 41.29 2.65 -14.39 | 38.51 0.92 -28.44 |
| HEMPSTEAD____ 23647 | 63.81 3.59 -21.09 | 45.11 0.42 -40.07 | 46.63 0.68 -38.49 | 40.12 1.23 -25.54 | 39.85 1.30 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.52 6.39 -2.93 | 95.70 3.54 -62.38 | 93.89 4.65 -50.80 | 75.36 5.10 -26.21 | 81.64 3.78 -44.43 | 62.27 5.95 -6.96 | 66.88 3.91 -30.60 | 64.14 3.15 -35.63 | 71.77 2.93 -45.32 | 87.11 2.03 -68.94 | 126.06 -1.03 -135.38 | 191.64 3.49 -159.96 | 63.47 5.35 -13.28 | 67.39 4.31 -27.93 | 46.70 3.98 -7.60 | 41.41 2.75 -14.40 | 38.65 1.02 -28.47 |
| HICKLING__1 23621 | 41.54 1.29 -1.13 | 15.42 0.20 -10.59 | 17.96 0.32 -10.18 | 20.61 0.51 -6.76 | 20.54 0.57 -6.68 | 30.07 0.97 -4.34 | 29.46 0.84 -3.96 | 69.70 2.44 -10.07 | 45.34 0.98 -14.58 | 48.76 1.21 -9.11 | 45.57 1.06 -0.46 | 44.63 0.87 -10.34 | 53.15 1.47 -2.32 | 40.79 0.81 -7.61 | 36.17 0.57 -10.25 | 33.80 0.50 -9.78 | 34.12 0.46 -17.53 | 33.15 0.83 -41.67 | 44.13 0.83 -15.12 | 55.93 1.53 -9.55 | 45.96 1.38 -9.42 | 39.13 1.20 -2.80 | 29.66 0.64 -4.76 | 17.14 0.24 -7.75 |
| HICKLING__2 23622 | 41.54 1.29 -1.13 | 15.42 0.20 -10.59 | 17.96 0.32 -10.18 | 20.61 0.51 -6.76 | 20.54 0.57 -6.68 | 30.07 0.97 -4.34 | 29.46 0.84 -3.96 | 69.70 2.44 -10.07 | 45.34 0.98 -14.58 | 48.76 1.21 -9.11 | 45.57 1.06 -0.46 | 44.63 0.87 -10.34 | 53.15 1.47 -2.32 | 40.79 0.81 -7.61 | 36.17 0.57 -10.25 | 33.80 0.50 -9.78 | 34.12 0.46 -17.53 | 33.15 0.83 -41.67 | 44.13 0.83 -15.12 | 55.93 1.53 -9.55 | 45.96 1.38 -9.42 | 39.13 1.20 -2.80 | 29.66 0.64 -4.76 | 17.14 0.24 -7.75 |
| HIGH FALLS__HY 23754 | 46.38 3.18 -4.08 | 43.43 0.40 -38.40 | 44.99 0.64 -36.88 | 38.97 1.14 -24.48 | 38.63 1.14 -24.20 | 42.80 2.31 -15.73 | 41.65 2.49 -14.51 | 66.11 5.98 -2.94 | 91.91 3.11 -59.03 | 79.35 4.03 -36.88 | 50.45 4.55 -1.85 | 78.91 3.45 -42.04 | 61.70 5.36 -6.97 | 66.54 3.53 -30.64 | 63.37 2.80 -35.21 | 57.50 2.60 -31.38 | 75.94 1.83 -57.97 | 104.32 -0.95 -113.55 | 68.90 3.26 -37.46 | 62.98 5.18 -12.96 | 64.09 4.07 -24.86 | 46.41 3.87 -7.41 | 41.01 2.53 -14.21 | 38.12 0.88 -28.08 |
| HILLBURN__GT 23639 | 33.49 2.66 8.28 | 41.50 0.34 -36.53 | 43.10 0.55 -35.10 | 37.61 0.97 -23.29 | 37.28 0.96 -23.02 | 41.69 1.97 -14.97 | 40.49 2.09 -13.74 | 64.82 4.96 -2.67 | 81.62 2.53 -49.33 | 58.03 3.27 -16.33 | 19.54 3.63 28.14 | 71.33 2.79 -35.11 | 60.18 4.49 -6.32 | 63.16 2.96 -27.82 | 60.64 2.35 -32.94 | 55.46 2.18 -29.76 | 71.86 1.56 -54.16 | 102.55 -0.81 -111.65 | 67.04 2.73 -36.13 | 62.04 4.37 -12.84 | 63.26 3.47 -24.63 | 45.79 3.32 -7.34 | 40.00 2.18 -13.56 | 36.09 0.76 -26.18 |
| HISHELDN_WT_PWR 323625 | 39.99 0.10 -0.77 | 12.03 0.13 -7.27 | 14.63 0.18 -6.98 | 18.21 0.22 -4.64 | 18.10 0.22 -4.58 | 27.66 -0.07 -2.98 | 26.83 -0.53 -2.71 | 89.60 -0.67 -33.08 | 38.50 -0.77 -9.50 | 43.38 -0.99 -5.93 | 42.79 -1.57 -0.30 | 38.79 -1.26 -6.63 | 50.77 -1.82 -3.22 | 36.05 -1.29 -4.97 | 31.02 -1.18 -6.83 | 28.86 -1.25 -6.59 | 29.09 -0.67 -13.63 | 20.70 0.33 -28.66 | 44.45 -1.00 -17.26 | 62.07 -1.26 -18.48 | 41.12 -0.52 -6.49 | 36.41 -0.64 -1.93 | 27.35 -0.72 -3.81 | 14.07 -0.26 -5.17 |
| HOLTSVILLE_IC_1 23690 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.12 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| HOLTSVILLE_IC_10 23699 | 64.06 3.85 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.33 -25.54 | 40.03 1.48 -25.25 | 44.09 2.92 -16.41 | 42.87 3.14 -15.08 | 67.28 7.16 -2.93 | 96.33 4.18 -62.38 | 94.77 5.54 -50.80 | 76.48 6.21 -26.21 | 82.45 4.60 -44.43 | 63.32 6.99 -6.96 | 67.49 4.52 -30.60 | 64.66 3.67 -35.63 | 72.37 3.53 -45.32 | 87.55 2.47 -68.94 | 169.38 -1.26 -178.92 | 313.72 4.33 -281.21 | 64.65 6.52 -13.29 | 121.66 5.39 -81.10 | 47.46 4.74 -7.60 | 42.00 3.34 -14.40 | 38.87 1.24 -28.47 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_2 23691 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.12 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| HOLTSVILLE_IC_3 23692 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.12 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| HOLTSVILLE_IC_4 23693 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.12 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| HOLTSVILLE_IC_5 23694 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.12 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| HOLTSVILLE_IC_6 23695 | 64.06 3.85 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.33 -25.54 | 40.03 1.48 -25.25 | 44.09 2.92 -16.41 | 42.87 3.14 -15.08 | 67.28 7.16 -2.93 | 96.33 4.18 -62.38 | 94.77 5.54 -50.80 | 76.48 6.21 -26.21 | 82.45 4.60 -44.43 | 63.32 6.99 -6.96 | 67.49 4.52 -30.60 | 64.66 3.67 -35.63 | 72.37 3.53 -45.32 | 87.55 2.47 -68.94 | 169.38 -1.26 -178.92 | 313.72 4.33 -281.21 | 64.65 6.52 -13.29 | 121.66 5.39 -81.10 | 47.46 4.74 -7.60 | 42.00 3.34 -14.40 | 38.87 1.24 -28.47 |
| HOLTSVILLE_IC_7 23696 | 64.06 3.85 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.33 -25.54 | 40.03 1.48 -25.25 | 44.09 2.92 -16.41 | 42.87 3.14 -15.08 | 67.28 7.16 -2.93 | 96.33 4.18 -62.38 | 94.77 5.54 -50.80 | 76.48 6.21 -26.21 | 82.45 4.60 -44.43 | 63.32 6.99 -6.96 | 67.49 4.52 -30.60 | 64.66 3.67 -35.63 | 72.37 3.53 -45.32 | 87.55 2.47 -68.94 | 169.38 -1.26 -178.92 | 313.72 4.33 -281.21 | 64.65 6.52 -13.29 | 121.66 5.39 -81.10 | 47.46 4.74 -7.60 | 42.00 3.34 -14.40 | 38.87 1.24 -28.47 |
| HOLTSVILLE_IC_8 23697 | 64.06 3.85 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.33 -25.54 | 40.03 1.48 -25.25 | 44.09 2.92 -16.41 | 42.87 3.14 -15.08 | 67.28 7.16 -2.93 | 96.33 4.18 -62.38 | 94.77 5.54 -50.80 | 76.48 6.21 -26.21 | 82.45 4.60 -44.43 | 63.32 6.99 -6.96 | 67.49 4.52 -30.60 | 64.66 3.67 -35.63 | 72.37 3.53 -45.32 | 87.55 2.47 -68.94 | 169.38 -1.26 -178.92 | 313.72 4.33 -281.21 | 64.65 6.52 -13.29 | 121.66 5.39 -81.10 | 47.46 4.74 -7.60 | 42.00 3.34 -14.40 | 38.87 1.24 -28.47 |
| HOLTSVILLE_IC_9 23698 | 64.06 3.85 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.33 -25.54 | 40.03 1.48 -25.25 | 44.09 2.92 -16.41 | 42.87 3.14 -15.08 | 67.28 7.16 -2.93 | 96.33 4.18 -62.38 | 94.77 5.54 -50.80 | 76.48 6.21 -26.21 | 82.45 4.60 -44.43 | 63.32 6.99 -6.96 | 67.49 4.52 -30.60 | 64.66 3.67 -35.63 | 72.37 3.53 -45.32 | 87.55 2.47 -68.94 | 169.38 -1.26 -178.92 | 313.72 4.33 -281.21 | 64.65 6.52 -13.29 | 121.66 5.39 -81.10 | 47.46 4.74 -7.60 | 42.00 3.34 -14.40 | 38.87 1.24 -28.47 |
| HOWARD_WT_PWR 323690 | 41.41 1.37 -0.91 | 13.44 0.24 -8.57 | 16.06 0.37 -8.23 | 19.38 0.57 -5.46 | 19.30 0.61 -5.40 | 29.15 0.88 -3.51 | 28.46 0.61 -3.20 | 75.67 1.90 -16.59 | 41.71 0.45 -11.49 | 45.82 0.21 -7.17 | 44.16 -0.26 -0.36 | 41.41 -0.12 -8.11 | 51.73 -0.02 -2.38 | 38.24 -0.14 -6.00 | 33.25 -0.28 -8.17 | 31.00 -0.36 -7.84 | 30.79 -0.07 -14.72 | 25.52 0.03 -33.78 | 42.67 0.03 -14.46 | 57.32 0.31 -12.17 | 43.43 0.62 -7.64 | 37.98 0.58 -2.27 | 28.55 0.27 -4.01 | 15.44 0.10 -6.18 |
| HQ_GEN_CEDARS 23644 | 38.29 -0.83 0.00 | 4.49 -0.14 0.00 | 7.23 -0.23 0.00 | 12.99 -0.36 0.00 | 12.91 -0.39 0.00 | 24.02 -0.74 0.00 | 23.70 -0.84 0.11 | 55.10 -1.84 0.25 | 23.68 -1.11 4.98 | 33.97 -1.36 3.11 | 42.78 -1.12 0.16 | 29.00 -0.87 3.55 | 47.45 -1.33 0.59 | 28.72 -1.07 2.58 | 22.81 -0.86 1.69 | 21.82 -0.75 0.94 | 12.69 -0.56 2.89 | -5.87 0.29 -2.13 | 27.02 -0.89 0.28 | 43.85 -1.38 -0.38 | 34.41 -1.47 -0.73 | 34.32 -1.03 -0.22 | 23.24 -0.71 0.32 | 7.53 -0.31 1.31 |
| HQ_GEN_CEDARS_PROXY 323590 | 38.29 -0.83 0.00 | 4.49 -0.14 0.00 | 7.23 -0.23 0.00 | 12.99 -0.36 0.00 | 12.91 -0.39 0.00 | 24.02 -0.74 0.00 | 23.70 -0.84 0.11 | 55.10 -1.84 0.25 | 23.68 -1.11 4.98 | 33.97 -1.36 3.11 | 42.78 -1.12 0.16 | 29.00 -0.87 3.55 | 47.45 -1.33 0.59 | 28.72 -1.07 2.58 | 22.81 -0.86 1.69 | 21.82 -0.75 0.94 | 12.69 -0.56 2.89 | -5.87 0.29 -2.13 | 27.02 -0.89 0.28 | 43.85 -1.38 -0.38 | 34.41 -1.47 -0.73 | 34.32 -1.03 -0.22 | 23.24 -0.71 0.32 | 7.53 -0.31 1.31 |
| HQ_GEN_IMPORT 323601 | 38.38 -0.74 0.00 | 4.51 -0.12 0.00 | 7.28 -0.19 0.00 | 13.05 -0.30 0.00 | 12.98 -0.32 0.00 | 24.18 -0.58 0.00 | 24.19 -0.57 -0.11 | 55.86 -1.34 0.00 | 29.02 -0.75 0.00 | 37.53 -0.90 0.00 | 43.14 -0.91 0.00 | 29.78 -0.73 2.91 | 36.79 -1.10 11.48 | 29.89 -0.81 1.67 | 24.72 -0.64 0.00 | 22.96 -0.56 0.00 | 15.72 -0.42 0.00 | -8.07 0.21 0.00 | 27.51 -0.68 0.00 | 43.79 -1.05 0.00 | 34.23 -0.93 0.00 | 34.31 -0.82 0.00 | 23.72 -0.54 0.00 | 8.94 -0.21 0.00 |
| HQ_GEN_WHEEL 23651 | 38.38 -0.74 0.00 | 4.51 -0.12 0.00 | 7.28 -0.19 0.00 | 13.05 -0.30 0.00 | 12.98 -0.32 0.00 | 24.18 -0.58 0.00 | 24.19 -0.57 -0.11 | 55.86 -1.34 0.00 | 29.02 -0.75 0.00 | 37.53 -0.90 0.00 | 43.14 -0.91 0.00 | 29.78 -0.73 2.91 | 36.79 -1.10 11.48 | 29.89 -0.81 1.67 | 24.72 -0.64 0.00 | 22.96 -0.56 0.00 | 15.72 -0.42 0.00 | -8.07 0.21 0.00 | 27.51 -0.68 0.00 | 43.79 -1.05 0.00 | 34.23 -0.93 0.00 | 34.31 -0.82 0.00 | 23.72 -0.54 0.00 | 8.94 -0.21 0.00 |
| HUDSON_AVE_GT_3 23810 | 65.91 3.19 -23.61 | 45.02 0.41 -39.99 | 46.52 0.65 -38.41 | 40.00 1.16 -25.49 | 39.66 1.17 -25.20 | 43.53 2.39 -16.38 | 42.28 2.58 -15.05 | 66.20 6.08 -2.93 | 94.92 3.20 -61.95 | 92.07 4.14 -49.49 | 72.72 4.60 -24.06 | 81.01 3.46 -44.13 | 61.88 5.57 -6.94 | 66.55 3.65 -30.53 | 63.67 2.90 -35.41 | 57.90 2.69 -31.69 | 76.28 1.86 -58.28 | 106.78 -0.94 -116.01 | 69.41 3.19 -38.03 | 63.20 5.09 -13.27 | 64.66 4.04 -25.46 | 46.60 3.88 -7.59 | 41.27 2.62 -14.38 | 38.49 0.92 -28.42 |
| HUDSON_AVE_GT_4 23540 | 65.91 3.19 -23.61 | 45.02 0.41 -39.99 | 46.52 0.65 -38.41 | 40.00 1.16 -25.49 | 39.66 1.17 -25.20 | 43.53 2.39 -16.38 | 42.28 2.58 -15.05 | 66.20 6.08 -2.93 | 94.92 3.20 -61.95 | 92.07 4.14 -49.49 | 72.72 4.60 -24.06 | 81.01 3.46 -44.13 | 61.88 5.57 -6.94 | 66.55 3.65 -30.53 | 63.67 2.90 -35.41 | 57.90 2.69 -31.69 | 76.28 1.86 -58.28 | 106.78 -0.94 -116.01 | 69.41 3.19 -38.03 | 63.20 5.09 -13.27 | 64.66 4.04 -25.46 | 46.60 3.88 -7.59 | 41.27 2.62 -14.38 | 38.49 0.92 -28.42 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON_AVE_GT_5 23657 | 65.91 3.19 -23.61 | 45.02 0.41 -39.99 | 46.52 0.65 -38.41 | 40.00 1.16 -25.49 | 39.66 1.17 -25.20 | 43.53 2.39 -16.38 | 42.28 2.58 -15.05 | 66.20 6.08 -2.93 | 94.92 3.20 -61.95 | 92.07 4.14 -49.49 | 72.72 4.60 -24.06 | 81.01 3.46 -44.13 | 61.88 5.57 -6.94 | 66.55 3.65 -30.53 | 63.67 2.90 -35.41 | 57.90 2.69 -31.69 | 76.28 1.86 -58.28 | 106.78 -0.94 -116.01 | 69.41 3.19 -38.03 | 63.20 5.09 -13.27 | 64.66 4.04 -25.46 | 46.60 3.88 -7.59 | 41.27 2.62 -14.38 | 38.49 0.92 -28.42 |
| HUDSON_AVE_10 24168 | 65.77 3.04 -23.61 | 45.01 0.39 -39.99 | 46.50 0.63 -38.41 | 39.95 1.11 -25.49 | 39.62 1.13 -25.20 | 43.46 2.32 -16.38 | 42.21 2.51 -15.05 | 66.07 5.95 -2.93 | 94.85 3.13 -61.95 | 91.95 4.02 -49.49 | 72.55 4.43 -24.06 | 80.89 3.34 -44.13 | 61.69 5.38 -6.94 | 66.41 3.51 -30.53 | 63.55 2.78 -35.41 | 57.80 2.59 -31.69 | 76.21 1.79 -58.28 | 106.82 -0.90 -116.01 | 69.29 3.07 -38.03 | 63.00 4.89 -13.27 | 64.50 3.88 -25.46 | 46.44 3.72 -7.59 | 41.18 2.53 -14.38 | 38.46 0.88 -28.42 |
| HUNTER MOUNT___DRP 323613 | 46.15 2.45 -4.58 | 48.08 0.30 -43.15 | 49.39 0.48 -41.45 | 41.72 0.86 -27.51 | 41.38 0.88 -27.19 | 44.19 1.75 -17.68 | 42.98 1.88 -16.45 | 65.34 4.51 -3.63 | 105.13 2.40 -72.97 | 87.12 3.10 -45.58 | 49.83 3.49 -2.28 | 88.05 2.65 -51.97 | 62.09 4.10 -8.61 | 72.83 2.68 -37.78 | 68.43 2.09 -40.98 | 60.93 1.92 -35.49 | 85.13 1.35 -67.64 | 109.41 -0.70 -118.39 | 71.41 2.40 -40.83 | 61.85 3.75 -13.26 | 63.52 2.92 -25.44 | 45.52 2.81 -7.59 | 42.02 1.87 -15.88 | 42.75 0.67 -32.93 |
| HUNTINGTON_RES_REC 323705 | 64.09 3.88 -21.09 | 45.13 0.44 -40.07 | 46.68 0.73 -38.49 | 40.23 1.34 -25.54 | 40.00 1.46 -25.25 | 44.04 2.86 -16.41 | 42.78 3.05 -15.08 | 67.17 7.04 -2.93 | 96.19 4.04 -62.38 | 94.56 5.32 -50.80 | 76.06 5.79 -26.21 | 82.10 4.24 -44.43 | 62.90 6.57 -6.96 | 67.26 4.29 -30.60 | 64.47 3.48 -35.63 | 72.14 3.30 -45.32 | 87.38 2.30 -68.94 | 142.72 -1.18 -152.20 | 240.62 4.02 -208.42 | 64.16 6.03 -13.28 | 88.49 4.87 -48.46 | 47.04 4.32 -7.60 | 41.68 3.02 -14.40 | 38.75 1.12 -28.47 |
| HUNTLEY___63 23557 | 39.50 -0.29 -0.67 | 11.05 0.12 -6.30 | 13.66 0.15 -6.05 | 17.56 0.19 -4.02 | 17.42 0.15 -3.97 | 27.04 -0.30 -2.58 | 26.08 -0.91 -2.35 | 63.96 -1.63 -8.40 | 36.63 -1.16 -8.02 | 42.09 -1.36 -5.01 | 42.55 -1.76 -0.25 | 37.58 -1.40 -5.56 | 48.62 -2.18 -1.43 | 35.01 -1.54 -4.18 | 29.83 -1.36 -5.84 | 27.73 -1.43 -5.64 | 25.65 -0.77 -10.28 | 16.85 0.35 -24.79 | 36.73 -1.21 -9.76 | 50.51 -1.75 -7.42 | 39.89 -0.90 -5.62 | 35.75 -1.05 -1.68 | 25.94 -1.14 -2.82 | 13.13 -0.45 -4.42 |
| HUNTLEY___64 23558 | 39.50 -0.29 -0.67 | 11.05 0.12 -6.30 | 13.66 0.15 -6.05 | 17.56 0.19 -4.02 | 17.42 0.15 -3.97 | 27.04 -0.30 -2.58 | 26.08 -0.91 -2.35 | 63.96 -1.63 -8.40 | 36.63 -1.16 -8.02 | 42.09 -1.36 -5.01 | 42.55 -1.76 -0.25 | 37.58 -1.40 -5.56 | 48.62 -2.18 -1.43 | 35.01 -1.54 -4.18 | 29.83 -1.36 -5.84 | 27.73 -1.43 -5.64 | 25.65 -0.77 -10.28 | 16.85 0.35 -24.79 | 36.73 -1.21 -9.76 | 50.51 -1.75 -7.42 | 39.89 -0.90 -5.62 | 35.75 -1.05 -1.68 | 25.94 -1.14 -2.82 | 13.13 -0.45 -4.42 |
| HUNTLEY___65 23559 | 39.50 -0.29 -0.67 | 11.05 0.12 -6.30 | 13.66 0.15 -6.05 | 17.56 0.19 -4.02 | 17.42 0.15 -3.97 | 27.04 -0.30 -2.58 | 26.08 -0.91 -2.35 | 63.96 -1.63 -8.40 | 36.63 -1.16 -8.02 | 42.09 -1.36 -5.01 | 42.55 -1.76 -0.25 | 37.58 -1.40 -5.56 | 48.62 -2.18 -1.43 | 35.01 -1.54 -4.18 | 29.83 -1.36 -5.84 | 27.73 -1.43 -5.64 | 25.65 -0.77 -10.28 | 16.85 0.35 -24.79 | 36.73 -1.21 -9.76 | 50.51 -1.75 -7.42 | 39.89 -0.90 -5.62 | 35.75 -1.05 -1.68 | 25.94 -1.14 -2.82 | 13.13 -0.45 -4.42 |
| HUNTLEY___66 23560 | 39.50 -0.29 -0.67 | 11.05 0.12 -6.30 | 13.66 0.15 -6.05 | 17.56 0.19 -4.02 | 17.42 0.15 -3.97 | 27.04 -0.30 -2.58 | 26.08 -0.91 -2.35 | 63.96 -1.63 -8.40 | 36.63 -1.16 -8.02 | 42.09 -1.36 -5.01 | 42.55 -1.76 -0.25 | 37.58 -1.40 -5.56 | 48.62 -2.18 -1.43 | 35.01 -1.54 -4.18 | 29.83 -1.36 -5.84 | 27.73 -1.43 -5.64 | 25.65 -0.77 -10.28 | 16.85 0.35 -24.79 | 36.73 -1.21 -9.76 | 50.51 -1.75 -7.42 | 39.89 -0.90 -5.62 | 35.75 -1.05 -1.68 | 25.94 -1.14 -2.82 | 13.13 -0.45 -4.42 |
| HUNTLEY___67 23561 | 39.28 -0.52 -0.68 | 11.14 0.08 -6.43 | 13.73 0.09 -6.18 | 17.54 0.09 -4.10 | 17.42 0.07 -4.05 | 26.93 -0.47 -2.63 | 25.98 -1.07 -2.39 | 96.08 -1.95 -40.84 | 36.71 -1.30 -8.24 | 42.02 -1.55 -5.13 | 42.25 -2.07 -0.26 | 37.55 -1.57 -5.69 | 50.25 -2.44 -3.31 | 34.98 -1.71 -4.32 | 29.87 -1.48 -5.98 | 27.80 -1.54 -5.81 | 31.05 -0.86 -15.78 | 17.57 0.39 -25.47 | 45.29 -1.38 -18.49 | 80.53 -1.99 -37.67 | 39.86 -1.07 -5.77 | 35.59 -1.25 -1.71 | 26.56 -1.23 -3.53 | 13.21 -0.48 -4.53 |
| HUNTLEY___68 23562 | 39.28 -0.52 -0.68 | 11.14 0.08 -6.43 | 13.73 0.09 -6.18 | 17.54 0.09 -4.10 | 17.42 0.07 -4.05 | 26.93 -0.47 -2.63 | 25.98 -1.07 -2.39 | 96.08 -1.95 -40.84 | 36.71 -1.30 -8.24 | 42.02 -1.55 -5.13 | 42.25 -2.07 -0.26 | 37.55 -1.57 -5.69 | 50.25 -2.44 -3.31 | 34.98 -1.71 -4.32 | 29.87 -1.48 -5.98 | 27.80 -1.54 -5.81 | 31.05 -0.86 -15.78 | 17.57 0.39 -25.47 | 45.29 -1.38 -18.49 | 80.53 -1.99 -37.67 | 39.86 -1.07 -5.77 | 35.59 -1.25 -1.71 | 26.56 -1.23 -3.53 | 13.21 -0.48 -4.53 |
| HYLAND___LFGE 323620 | 41.86 2.00 -0.74 | 11.94 0.31 -7.00 | 14.66 0.47 -6.73 | 18.60 0.78 -4.46 | 18.55 0.83 -4.41 | 28.95 1.33 -2.87 | 28.49 1.23 -2.61 | 66.43 3.59 -5.65 | 40.51 1.68 -9.06 | 46.27 2.17 -5.66 | 46.47 2.13 -0.28 | 41.49 1.65 -6.41 | 53.16 2.39 -1.40 | 38.71 1.61 -4.73 | 33.02 1.11 -6.54 | 30.80 0.97 -6.31 | 28.10 0.84 -11.12 | 18.72 -0.47 -27.48 | 39.47 1.68 -9.61 | 53.50 2.77 -5.88 | 43.75 2.36 -6.24 | 39.01 2.02 -1.86 | 28.38 1.05 -3.06 | 14.44 0.33 -4.95 |
| INDECK___CORINTH 23802 | 50.40 2.99 -8.29 | 63.81 0.36 -58.83 | 64.54 0.57 -56.51 | 51.84 0.99 -37.50 | 51.22 0.85 -37.07 | 50.09 1.23 -24.10 | 49.24 1.23 -23.35 | 67.36 3.17 -7.00 | 173.19 1.73 -141.69 | 131.83 2.15 -91.25 | 56.18 2.48 -9.65 | 136.46 1.88 -101.16 | 68.80 2.76 -16.67 | 107.00 1.96 -72.66 | 93.52 1.34 -66.81 | 77.18 1.15 -52.51 | 128.13 0.82 -111.17 | 112.41 -0.45 -121.14 | 81.86 1.54 -52.14 | 59.27 2.31 -12.12 | 60.05 1.63 -23.26 | 43.66 1.59 -6.94 | 48.00 1.29 -22.45 | 64.20 0.71 -54.33 |
| INDECK___ILION 23567 | 39.24 0.23 0.11 | 3.61 0.03 1.04 | 6.51 0.05 1.00 | 12.78 0.09 0.66 | 12.74 0.10 0.66 | 24.53 0.20 0.43 | 24.27 0.32 0.70 | 57.24 0.81 0.77 | 14.73 0.45 15.49 | 29.26 0.50 9.68 | 44.10 0.53 0.49 | 22.82 0.43 11.04 | 48.14 0.60 1.83 | 24.89 0.38 7.86 | 20.45 0.27 5.18 | 20.74 0.24 3.03 | 7.53 0.18 8.79 | -3.77 -0.10 -4.62 | 27.29 0.33 1.23 | 46.25 0.50 -0.91 | 37.41 0.50 -1.75 | 36.11 0.46 -0.52 | 23.54 0.35 1.07 | 5.20 0.15 4.10 |
| INDECK___OLEAN 23982 | 41.39 1.50 -0.77 | 12.14 0.29 -7.22 | 14.81 0.41 -6.94 | 18.66 0.70 -4.60 | 18.51 0.66 -4.55 | 28.70 0.98 -2.96 | 28.05 0.70 -2.69 | 94.16 2.68 -34.29 | 40.09 0.86 -9.46 | 45.40 1.07 -5.90 | 45.05 0.70 -0.29 | 40.85 0.84 -6.59 | 54.05 1.43 -3.25 | 38.03 0.70 -4.95 | 32.57 0.41 -6.80 | 30.34 0.23 -6.58 | 30.83 0.38 -14.31 | 20.10 -0.24 -28.63 | 46.70 0.85 -17.67 | 68.70 1.53 -22.34 | 43.30 1.66 -6.48 | 38.45 1.41 -1.92 | 28.70 0.63 -3.81 | 14.56 0.25 -5.15 |
| INDECK___OSWEGO 23783 | 38.84 -0.62 -0.34 | 7.78 -0.06 -3.21 | 10.45 -0.10 -3.08 | 15.20 -0.19 -2.05 | 15.16 -0.16 -2.02 | 25.70 -0.38 -1.31 | 25.34 -0.41 -1.10 | 56.17 -1.02 0.00 | 29.32 -0.45 0.00 | 37.80 -0.64 0.00 | 43.25 -0.81 0.00 | 32.86 -0.56 0.00 | 48.43 -0.94 0.00 | 31.89 -0.53 -0.05 | 26.39 -0.41 -1.44 | 24.99 -0.41 -1.87 | 18.16 -0.26 -2.28 | 4.30 0.12 -12.46 | 30.82 -0.47 -3.10 | 45.57 -0.83 -1.56 | 37.56 -0.59 -3.00 | 35.33 -0.69 -0.89 | 24.73 -0.49 -0.96 | 10.13 -0.17 -1.14 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___YERKES 23781 | 39.55 -0.24 -0.67 | 11.05 0.12 -6.30 | 13.67 0.15 -6.05 | 17.57 0.20 -4.02 | 17.44 0.16 -3.97 | 27.07 -0.27 -2.58 | 26.11 -0.89 -2.35 | 64.02 -1.57 -8.40 | 36.66 -1.13 -8.02 | 42.13 -1.31 -5.01 | 42.60 -1.71 -0.25 | 37.63 -1.36 -5.56 | 48.68 -2.11 -1.43 | 35.06 -1.50 -4.18 | 29.86 -1.33 -5.84 | 27.76 -1.41 -5.64 | 25.67 -0.75 -10.28 | 16.84 0.34 -24.79 | 36.77 -1.18 -9.76 | 50.56 -1.70 -7.42 | 39.93 -0.86 -5.62 | 35.79 -1.01 -1.68 | 25.96 -1.11 -2.82 | 13.14 -0.44 -4.42 |
| INDIAN POINT_GT_1 24139 | 136.61 2.77 -94.72 | 44.28 0.36 -39.30 | 45.77 0.56 -37.75 | 39.40 1.00 -25.05 | 39.07 1.00 -24.76 | 42.91 2.05 -16.10 | 41.65 2.21 -14.79 | 65.28 5.21 -2.87 | 114.53 2.71 -82.05 | 176.66 3.50 -134.73 | 221.63 3.89 -173.68 | 94.89 2.97 -58.50 | 60.93 4.75 -6.82 | 65.47 3.11 -29.99 | 62.74 2.47 -34.91 | 57.12 2.29 -31.30 | 75.21 1.61 -57.46 | 106.02 -0.83 -115.14 | 68.65 2.81 -37.65 | 62.50 4.48 -13.18 | 63.99 3.54 -25.29 | 46.08 3.41 -7.54 | 40.74 2.26 -14.22 | 37.92 0.79 -27.97 |
| INDIAN POINT_GT_2 23659 | 136.61 2.77 -94.72 | 44.28 0.36 -39.30 | 45.77 0.56 -37.75 | 39.40 1.00 -25.05 | 39.07 1.00 -24.76 | 42.91 2.05 -16.10 | 41.65 2.21 -14.79 | 65.28 5.21 -2.87 | 114.53 2.71 -82.05 | 176.66 3.50 -134.73 | 221.63 3.89 -173.68 | 94.89 2.97 -58.50 | 60.93 4.75 -6.82 | 65.47 3.11 -29.99 | 62.74 2.47 -34.91 | 57.12 2.29 -31.30 | 75.21 1.61 -57.46 | 106.02 -0.83 -115.14 | 68.65 2.81 -37.65 | 62.50 4.48 -13.18 | 63.99 3.54 -25.29 | 46.08 3.41 -7.54 | 40.74 2.26 -14.22 | 37.92 0.79 -27.97 |
| INDIAN POINT_GT_3 24019 | 136.61 2.77 -94.72 | 44.28 0.36 -39.30 | 45.77 0.56 -37.75 | 39.40 1.00 -25.05 | 39.07 1.00 -24.76 | 42.91 2.05 -16.10 | 41.65 2.21 -14.79 | 65.28 5.21 -2.87 | 114.53 2.71 -82.05 | 176.66 3.50 -134.73 | 221.63 3.89 -173.68 | 94.89 2.97 -58.50 | 60.93 4.75 -6.82 | 65.47 3.11 -29.99 | 62.74 2.47 -34.91 | 57.12 2.29 -31.30 | 75.21 1.61 -57.46 | 106.02 -0.83 -115.14 | 68.65 2.81 -37.65 | 62.50 4.48 -13.18 | 63.99 3.54 -25.29 | 46.08 3.41 -7.54 | 40.74 2.26 -14.22 | 37.92 0.79 -27.97 |
| INDIAN POINT___2 23530 | 24.13 2.66 17.64 | 43.04 0.35 -38.07 | 44.58 0.55 -36.57 | 38.59 0.97 -24.27 | 38.26 0.97 -23.99 | 42.33 1.98 -15.60 | 41.10 2.13 -14.33 | 65.00 5.02 -2.78 | 80.91 2.59 -48.56 | 46.91 3.34 -5.13 | -2.37 3.72 50.14 | 70.81 2.84 -34.56 | 60.53 4.56 -6.60 | 64.40 3.00 -29.03 | 61.77 2.37 -34.04 | 56.35 2.21 -30.62 | 73.70 1.56 -56.00 | 104.50 -0.81 -113.59 | 67.88 2.72 -36.98 | 62.22 4.34 -13.03 | 63.60 3.45 -25.00 | 45.89 3.31 -7.45 | 40.38 2.19 -13.92 | 37.10 0.77 -27.18 |
| INDIAN POINT___3 23531 | 71.56 2.80 -29.64 | 45.22 0.36 -40.23 | 46.67 0.57 -38.64 | 40.01 1.02 -25.65 | 39.67 1.02 -25.35 | 43.31 2.07 -16.48 | 42.04 2.25 -15.14 | 65.44 5.31 -2.94 | 95.69 2.77 -63.15 | 95.15 3.58 -53.13 | 78.09 4.00 -30.03 | 81.43 3.03 -44.98 | 61.19 4.84 -6.98 | 66.25 3.17 -30.71 | 63.45 2.51 -35.58 | 57.68 2.33 -31.82 | 76.33 1.63 -58.56 | 107.20 -0.83 -116.32 | 69.18 2.82 -38.17 | 62.66 4.52 -13.30 | 64.24 3.57 -25.52 | 46.17 3.43 -7.61 | 41.01 2.31 -14.44 | 38.51 0.78 -28.57 |
| IP CORINTH___1 23988 | 50.40 2.99 -8.29 | 63.81 0.36 -58.83 | 64.54 0.57 -56.51 | 51.84 0.99 -37.50 | 51.25 0.88 -37.07 | 50.22 1.36 -24.10 | 49.38 1.37 -23.35 | 67.70 3.51 -7.00 | 173.35 1.90 -141.69 | 132.06 2.37 -91.25 | 56.44 2.73 -9.65 | 136.66 2.08 -101.16 | 69.08 3.04 -16.67 | 107.18 2.14 -72.66 | 93.66 1.49 -66.81 | 77.31 1.28 -52.51 | 128.22 0.91 -111.17 | 112.36 -0.50 -121.14 | 82.02 1.70 -52.14 | 59.54 2.58 -12.12 | 60.25 1.83 -23.26 | 43.85 1.78 -6.94 | 48.14 1.42 -22.45 | 64.20 0.71 -54.33 |
| IP___TICONDEROGA 23804 | 52.53 5.13 -8.29 | 63.98 0.63 -58.72 | 64.88 1.00 -56.41 | 52.55 1.76 -37.44 | 51.96 1.66 -37.01 | 51.63 2.81 -24.06 | 50.83 2.87 -23.31 | 71.26 7.09 -6.98 | 174.89 3.83 -141.29 | 134.31 4.82 -91.06 | 59.23 5.53 -9.65 | 138.48 4.13 -100.92 | 71.82 5.82 -16.63 | 108.77 3.91 -72.49 | 95.10 3.05 -66.69 | 78.65 2.69 -52.43 | 129.06 1.96 -110.96 | 111.85 -1.06 -121.20 | 83.82 3.54 -52.10 | 62.39 5.41 -12.14 | 62.23 3.79 -23.29 | 45.80 3.73 -6.94 | 49.42 2.73 -22.43 | 64.46 1.08 -54.23 |
| ISLIP_RES_REC 323679 | 64.30 4.08 -21.09 | 45.16 0.47 -40.07 | 46.72 0.77 -38.49 | 40.29 1.40 -25.54 | 40.10 1.55 -25.25 | 44.24 3.07 -16.41 | 43.04 3.31 -15.08 | 67.69 7.57 -2.93 | 96.55 4.40 -62.38 | 95.08 5.85 -50.80 | 76.84 6.58 -26.21 | 82.72 4.86 -44.43 | 63.72 7.39 -6.96 | 67.76 4.79 -30.60 | 64.85 3.87 -35.63 | 72.56 3.72 -45.32 | 87.69 2.61 -68.94 | 165.85 -1.33 -175.46 | 304.78 4.56 -272.03 | 64.99 6.86 -13.29 | 117.69 5.66 -76.87 | 47.71 4.98 -7.60 | 42.16 3.50 -14.40 | 38.92 1.29 -28.47 |
| JARVIS____ 23743 | 39.06 0.05 0.11 | 3.60 0.01 1.04 | 6.48 0.02 1.00 | 12.71 0.02 0.66 | 12.67 0.03 0.66 | 24.39 0.06 0.43 | 24.01 0.07 0.70 | 56.59 0.17 0.77 | 14.38 0.10 15.49 | 28.88 0.12 9.68 | 43.66 0.09 0.49 | 22.46 0.08 11.04 | 47.66 0.12 1.83 | 24.61 0.10 7.86 | 20.26 0.08 5.18 | 20.54 0.05 3.03 | 7.39 0.05 8.79 | -3.69 -0.02 -4.62 | 27.01 0.06 1.23 | 45.84 0.09 -0.91 | 37.01 0.11 -1.75 | 35.73 0.08 -0.52 | 23.24 0.05 1.07 | 5.08 0.03 4.10 |
| JENNISON___1 23625 | 42.55 1.98 -1.44 | 18.47 0.26 -13.59 | 20.92 0.40 -13.05 | 22.69 0.68 -8.66 | 22.57 0.71 -8.56 | 31.71 1.38 -5.57 | 31.36 1.48 -5.23 | 63.82 3.91 -2.72 | 56.95 1.98 -25.20 | 56.71 2.53 -15.74 | 47.68 2.84 -0.79 | 53.58 2.22 -17.93 | 55.82 3.39 -3.06 | 47.58 2.09 -13.12 | 43.40 1.57 -16.47 | 40.22 1.42 -15.27 | 44.35 1.04 -27.18 | 52.22 -0.55 -61.06 | 49.59 1.90 -19.50 | 55.96 3.11 -8.02 | 51.29 2.49 -13.64 | 41.46 2.26 -4.07 | 32.72 1.40 -7.06 | 21.71 0.48 -12.07 |
| JENNISON___2 23626 | 42.55 1.98 -1.44 | 18.47 0.26 -13.59 | 20.92 0.40 -13.05 | 22.69 0.68 -8.66 | 22.57 0.71 -8.56 | 31.71 1.38 -5.57 | 31.36 1.48 -5.23 | 63.82 3.91 -2.72 | 56.95 1.98 -25.20 | 56.71 2.53 -15.74 | 47.68 2.84 -0.79 | 53.58 2.22 -17.93 | 55.82 3.39 -3.06 | 47.58 2.09 -13.12 | 43.40 1.57 -16.47 | 40.22 1.42 -15.27 | 44.35 1.04 -27.18 | 52.22 -0.55 -61.06 | 49.59 1.90 -19.50 | 55.96 3.11 -8.02 | 51.29 2.49 -13.64 | 41.46 2.26 -4.07 | 32.72 1.40 -7.06 | 21.71 0.48 -12.07 |
| JERICHO_RISE_WT_PWR 323719 | 37.94 -1.18 0.00 | 4.41 -0.22 0.00 | 7.18 -0.29 0.00 | 13.03 -0.32 0.00 | 12.82 -0.48 0.00 | 24.20 -0.56 0.00 | 24.02 -0.52 0.11 | 55.87 -1.07 0.25 | 23.92 -0.82 5.02 | 34.32 -0.98 3.14 | 43.11 -0.79 0.16 | 29.22 -0.62 3.58 | 47.79 -0.99 0.59 | 28.77 -1.02 2.59 | 22.80 -0.84 1.72 | 21.82 -0.72 0.99 | 12.66 -0.55 2.93 | -6.20 0.26 -1.82 | 26.97 -0.87 0.35 | 43.69 -1.49 -0.34 | 34.50 -1.31 -0.65 | 34.33 -0.99 -0.19 | 23.30 -0.61 0.34 | 7.59 -0.25 1.32 |
| KCE_NY_1 323755 | 50.39 2.99 -8.28 | 63.55 0.36 -58.56 | 64.29 0.57 -56.26 | 51.71 1.03 -37.33 | 51.21 1.01 -36.90 | 50.56 1.81 -23.99 | 49.73 1.84 -23.24 | 68.56 4.43 -6.94 | 172.32 2.34 -140.21 | 131.50 2.91 -90.16 | 57.05 3.33 -9.67 | 135.84 2.54 -99.88 | 69.55 3.72 -16.46 | 106.63 2.50 -71.76 | 93.42 1.88 -66.19 | 77.33 1.69 -52.12 | 127.45 1.21 -110.11 | 112.49 -0.63 -121.41 | 82.27 2.16 -51.93 | 60.37 3.33 -12.19 | 61.10 2.55 -23.40 | 44.64 2.54 -6.98 | 48.36 1.79 -22.31 | 63.68 0.72 -53.80 |
| KEDC_PORT_JEFF_GT2 24210 | 64.02 3.81 -21.09 | 45.13 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 40.01 1.47 -25.25 | 44.05 2.88 -16.41 | 42.83 3.10 -15.08 | 67.19 7.06 -2.93 | 96.28 4.13 -62.38 | 94.70 5.46 -50.80 | 76.38 6.11 -26.21 | 82.38 4.52 -44.43 | 63.26 6.93 -6.96 | 67.48 4.51 -30.60 | 64.65 3.66 -35.63 | 72.36 3.52 -45.32 | 87.54 2.46 -68.94 | 169.83 -1.25 -179.37 | 314.77 4.31 -282.27 | 64.56 6.43 -13.29 | 122.11 5.31 -81.64 | 47.37 4.65 -7.60 | 41.95 3.29 -14.40 | 38.85 1.22 -28.47 |

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|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 64.02 3.81 -21.09 | 45.13 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 40.01 1.47 -25.25 | 44.05 2.88 -16.41 | 42.83 3.10 -15.08 | 67.19 7.06 -2.93 | 96.28 4.13 -62.38 | 94.70 5.46 -50.80 | 76.38 6.11 -26.21 | 82.38 4.52 -44.43 | 63.26 6.93 -6.96 | 67.48 4.51 -30.60 | 64.65 3.66 -35.63 | 72.36 3.52 -45.32 | 87.54 2.46 -68.94 | 169.83 -1.25 -179.37 | 314.77 4.31 -282.27 | 64.56 6.43 -13.29 | 122.11 5.31 -81.64 | 47.37 4.65 -7.60 | 41.95 3.29 -14.40 | 38.85 1.22 -28.47 |
| KEDC_GLWD_GT4 24219 | 63.80 3.59 -21.09 | 45.12 0.43 -40.07 | 46.64 0.70 -38.49 | 40.14 1.25 -25.54 | 39.84 1.29 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.57 6.45 -2.93 | 95.67 3.52 -62.38 | 93.85 4.61 -50.80 | 75.41 5.14 -26.21 | 81.69 3.83 -44.43 | 62.35 6.03 -6.96 | 66.92 3.96 -30.60 | 64.15 3.16 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 190.73 3.51 -159.03 | 63.59 5.46 -13.28 | 67.45 4.36 -27.93 | 46.80 4.08 -7.60 | 41.43 2.76 -14.40 | 38.62 0.99 -28.47 |
| KEDC_GLWD_GT5 24220 | 63.80 3.59 -21.09 | 45.12 0.43 -40.07 | 46.64 0.70 -38.49 | 40.14 1.25 -25.54 | 39.84 1.29 -25.25 | 43.77 2.60 -16.41 | 42.49 2.76 -15.08 | 66.57 6.45 -2.93 | 95.67 3.52 -62.38 | 93.85 4.61 -50.80 | 75.41 5.14 -26.21 | 81.69 3.83 -44.43 | 62.35 6.03 -6.96 | 66.92 3.96 -30.60 | 64.15 3.16 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 190.73 3.51 -159.03 | 63.59 5.46 -13.28 | 67.45 4.36 -27.93 | 46.80 4.08 -7.60 | 41.43 2.76 -14.40 | 38.62 0.99 -28.47 |
| KENSICO____ 23655 | 69.59 2.85 -27.61 | 44.88 0.37 -39.88 | 46.35 0.58 -38.31 | 39.81 1.03 -25.43 | 39.47 1.04 -25.13 | 43.21 2.12 -16.34 | 41.96 2.30 -15.01 | 65.53 5.42 -2.92 | 94.91 2.83 -62.31 | 93.62 3.66 -51.53 | 75.92 4.08 -27.79 | 80.90 3.09 -44.39 | 61.23 4.94 -6.92 | 66.05 3.23 -30.44 | 63.25 2.56 -35.33 | 57.54 2.38 -31.63 | 75.96 1.67 -58.15 | 106.74 -0.86 -115.88 | 69.05 2.89 -37.98 | 62.71 4.61 -13.26 | 64.24 3.64 -25.43 | 46.22 3.51 -7.58 | 40.97 2.35 -14.36 | 38.33 0.82 -28.35 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 46.35 3.34 -3.89 | 41.72 0.42 -36.67 | 43.36 0.67 -35.22 | 37.92 1.19 -23.38 | 37.60 1.20 -23.11 | 42.19 2.41 -15.02 | 41.08 2.59 -13.84 | 66.14 6.18 -2.77 | 88.53 3.22 -55.55 | 77.31 4.18 -34.70 | 50.50 4.70 -1.74 | 76.56 3.58 -39.56 | 61.46 5.54 -6.56 | 64.86 3.64 -28.84 | 61.91 2.88 -33.67 | 56.42 2.67 -30.22 | 73.42 1.88 -55.41 | 102.25 -0.98 -111.52 | 67.94 3.35 -36.41 | 62.93 5.31 -12.78 | 63.84 4.17 -24.51 | 46.40 3.97 -7.31 | 40.60 2.60 -13.73 | 36.81 0.91 -26.74 |
| KIAC_JFK_GT1 23816 | 65.89 3.17 -23.61 | 45.03 0.41 -39.99 | 46.53 0.66 -38.41 | 40.00 1.16 -25.49 | 39.68 1.18 -25.20 | 43.57 2.43 -16.38 | 42.33 2.63 -15.05 | 66.45 6.33 -2.93 | 95.05 3.33 -61.95 | 92.19 4.26 -49.49 | 72.70 4.59 -24.06 | 81.03 3.48 -44.13 | 61.85 5.54 -6.94 | 66.47 3.57 -30.53 | 63.61 2.84 -35.41 | 57.85 2.64 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.92 -116.01 | 69.35 3.13 -38.03 | 63.11 5.00 -13.27 | 64.57 3.95 -25.46 | 46.50 3.77 -7.59 | 41.28 2.63 -14.38 | 38.48 0.90 -28.42 |
| KIAC_JFK_GT2 23817 | 65.89 3.17 -23.61 | 45.03 0.41 -39.99 | 46.53 0.66 -38.41 | 40.00 1.16 -25.49 | 39.68 1.18 -25.20 | 43.57 2.43 -16.38 | 42.33 2.63 -15.05 | 66.45 6.33 -2.93 | 95.05 3.33 -61.95 | 92.19 4.26 -49.49 | 72.70 4.59 -24.06 | 81.03 3.48 -44.13 | 61.85 5.54 -6.94 | 66.47 3.57 -30.53 | 63.61 2.84 -35.41 | 57.85 2.64 -31.69 | 76.23 1.81 -58.28 | 106.81 -0.92 -116.01 | 69.35 3.13 -38.03 | 63.11 5.00 -13.27 | 64.57 3.95 -25.46 | 46.50 3.77 -7.59 | 41.28 2.63 -14.38 | 38.48 0.90 -28.42 |
| KINTIGH____ 23543 | 39.44 -0.16 -0.48 | 9.22 0.05 -4.55 | 11.89 0.06 -4.37 | 16.33 0.08 -2.90 | 16.25 0.09 -2.87 | 26.51 -0.11 -1.86 | 25.99 -0.35 -1.68 | 54.39 -0.58 2.22 | 34.76 -0.33 -5.33 | 41.38 -0.38 -3.33 | 43.65 -0.57 -0.17 | 36.66 -0.80 -4.03 | 48.47 -1.41 -0.51 | 34.71 -0.45 -2.78 | 28.99 -0.40 -4.03 | 27.01 -0.46 -3.95 | 22.25 -0.22 -6.33 | 9.61 0.08 -17.81 | 32.45 -0.33 -4.60 | 45.00 -0.50 -0.67 | 39.03 -0.19 -4.07 | 35.98 -0.36 -1.21 | 25.62 -0.45 -1.80 | 12.03 -0.18 -3.06 |
| LACHUTE____HYDRO 323717 | 52.53 5.13 -8.29 | 63.98 0.63 -58.72 | 64.88 1.00 -56.41 | 52.55 1.76 -37.44 | 51.96 1.66 -37.01 | 51.63 2.81 -24.06 | 50.83 2.87 -23.31 | 71.26 7.09 -6.98 | 174.89 3.83 -141.29 | 134.31 4.82 -91.06 | 59.23 5.53 -9.65 | 138.48 4.13 -100.92 | 71.82 5.82 -16.63 | 108.77 3.91 -72.49 | 95.10 3.05 -66.69 | 78.65 2.69 -52.43 | 129.06 1.96 -110.96 | 111.85 -1.06 -121.20 | 83.82 3.54 -52.10 | 62.39 5.41 -12.14 | 62.23 3.79 -23.29 | 45.80 3.73 -6.94 | 49.42 2.73 -22.43 | 64.46 1.08 -54.23 |
| LEDERLE____ 23769 | 32.95 2.80 8.97 | 41.71 0.36 -36.72 | 43.31 0.57 -35.27 | 37.77 1.01 -23.41 | 37.44 1.01 -23.14 | 41.85 2.05 -15.04 | 40.65 2.18 -13.82 | 65.05 5.18 -2.68 | 81.80 2.65 -49.39 | 57.44 3.43 -15.57 | 18.09 3.81 29.77 | 71.51 2.93 -35.16 | 60.42 4.70 -6.35 | 63.44 3.09 -27.97 | 60.88 2.45 -33.07 | 55.66 2.28 -29.86 | 72.16 1.63 -54.39 | 102.75 -0.84 -111.89 | 67.28 2.86 -36.23 | 62.27 4.57 -12.86 | 63.45 3.62 -24.67 | 45.95 3.46 -7.36 | 40.13 2.27 -13.60 | 36.25 0.79 -26.30 |
| LINDEN COGEN____ 23786 | 65.62 2.89 -23.61 | 44.99 0.37 -39.99 | 46.47 0.60 -38.41 | 39.91 1.07 -25.49 | 39.57 1.08 -25.20 | 43.37 2.23 -16.38 | 42.12 2.42 -15.05 | 65.83 5.71 -2.93 | 94.71 2.98 -61.95 | 91.74 3.81 -49.49 | 72.32 4.21 -24.06 | 80.72 3.17 -44.13 | 61.50 5.18 -6.94 | 66.32 3.41 -30.53 | 63.48 2.71 -35.41 | 57.74 2.52 -31.69 | 76.17 1.75 -58.28 | 106.84 -0.88 -116.01 | 69.18 2.96 -38.03 | 62.85 4.75 -13.27 | 64.39 3.78 -25.46 | 46.34 3.62 -7.59 | 41.12 2.47 -14.38 | 38.43 0.86 -28.42 |
| LIPA_MISC_IPP 23656 | 63.69 3.48 -21.09 | 45.08 0.39 -40.07 | 46.60 0.65 -38.49 | 40.09 1.20 -25.54 | 39.94 1.39 -25.25 | 43.90 2.73 -16.41 | 42.69 2.96 -15.08 | 66.73 6.61 -2.93 | 96.12 3.97 -62.38 | 94.49 5.26 -50.80 | 76.32 6.06 -26.21 | 82.33 4.48 -44.43 | 63.14 6.82 -6.96 | 67.41 4.44 -30.60 | 64.60 3.61 -35.63 | 72.38 3.54 -45.32 | 87.55 2.47 -68.94 | 176.09 -1.25 -185.63 | 331.64 4.28 -299.17 | 64.43 6.30 -13.29 | 129.75 5.30 -89.29 | 47.33 4.60 -7.60 | 41.95 3.29 -14.40 | 38.84 1.21 -28.47 |
| LISF__SOLAR 323691 | 63.73 3.52 -21.09 | 45.09 0.40 -40.07 | 46.61 0.66 -38.49 | 40.11 1.22 -25.54 | 39.95 1.40 -25.25 | 43.93 2.76 -16.41 | 42.73 3.00 -15.08 | 66.83 6.71 -2.93 | 96.16 4.01 -62.38 | 94.57 5.34 -50.80 | 76.41 6.14 -26.21 | 82.40 4.54 -44.43 | 63.26 6.93 -6.96 | 67.48 4.51 -30.60 | 64.65 3.67 -35.63 | 72.43 3.59 -45.32 | 87.59 2.51 -68.94 | 174.61 -1.28 -184.18 | 327.82 4.37 -295.26 | 64.56 6.42 -13.29 | 128.07 5.39 -87.51 | 47.40 4.68 -7.60 | 42.00 3.34 -14.40 | 38.86 1.23 -28.47 |
| LITTLE FALLS____HYD 24013 | 39.27 0.26 0.11 | 3.61 0.03 1.04 | 6.52 0.05 1.00 | 12.80 0.12 0.66 | 12.77 0.13 0.66 | 24.61 0.28 0.43 | 24.50 0.56 0.70 | 57.86 1.44 0.77 | 15.07 0.79 15.49 | 29.60 0.84 9.68 | 44.47 0.90 0.49 | 23.13 0.74 11.04 | 48.54 1.00 1.83 | 25.09 0.58 7.86 | 20.60 0.42 5.18 | 20.88 0.38 3.03 | 7.62 0.28 8.79 | -3.83 -0.16 -4.62 | 27.50 0.54 1.23 | 46.56 0.81 -0.91 | 37.78 0.87 -1.75 | 36.48 0.82 -0.52 | 23.86 0.67 1.07 | 5.33 0.27 4.10 |
| LI_NEWBRDGE____DRP 323616 | 63.84 3.63 -21.09 | 45.11 0.42 -40.07 | 46.63 0.69 -38.49 | 40.13 1.24 -25.54 | 39.86 1.32 -25.25 | 43.79 2.62 -16.41 | 42.50 2.77 -15.08 | 66.52 6.39 -2.93 | 95.73 3.58 -62.38 | 93.94 4.71 -50.80 | 75.39 5.12 -26.21 | 81.64 3.78 -44.43 | 62.28 5.95 -6.96 | 66.88 3.91 -30.60 | 64.15 3.16 -35.63 | 71.79 2.95 -45.32 | 87.12 2.05 -68.94 | 126.05 -1.04 -135.38 | 188.57 3.50 -156.89 | 63.47 5.35 -13.28 | 67.40 4.31 -27.93 | 46.66 3.93 -7.60 | 41.42 2.75 -14.40 | 38.64 1.01 -28.47 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOCKPORT___CC1 323769 | 39.02 -0.75 -0.65 | 10.80 0.06 -6.11 | 13.39 0.06 -5.87 | 17.27 0.03 -3.90 | 17.14 -0.01 -3.85 | 26.66 -0.61 -2.51 | 25.67 -1.25 -2.27 | 61.57 -2.38 -6.75 | 35.89 -1.57 -7.69 | 41.36 -1.88 -4.81 | 41.98 -2.32 -0.24 | 36.88 -1.88 -5.34 | 47.92 -2.82 -1.37 | 34.39 -1.99 -4.01 | 29.27 -1.70 -5.62 | 27.21 -1.74 -5.42 | 23.84 -0.99 -8.69 | 16.03 0.46 -23.86 | 35.39 -1.56 -8.76 | 43.21 -2.32 -0.69 | 39.20 -1.39 -5.43 | 35.22 -1.54 -1.63 | 25.51 -1.47 -2.72 | 12.85 -0.57 -4.26 |
| LOCKPORT___CC2 323770 | 39.02 -0.75 -0.65 | 10.80 0.06 -6.11 | 13.39 0.06 -5.87 | 17.27 0.03 -3.90 | 17.14 -0.01 -3.85 | 26.66 -0.61 -2.51 | 25.67 -1.25 -2.27 | 61.57 -2.38 -6.75 | 35.89 -1.57 -7.69 | 41.36 -1.88 -4.81 | 41.98 -2.32 -0.24 | 36.88 -1.88 -5.34 | 47.92 -2.82 -1.37 | 34.39 -1.99 -4.01 | 29.27 -1.70 -5.62 | 27.21 -1.74 -5.42 | 23.84 -0.99 -8.69 | 16.03 0.46 -23.86 | 35.39 -1.56 -8.76 | 43.21 -2.32 -0.69 | 39.20 -1.39 -5.43 | 35.22 -1.54 -1.63 | 25.51 -1.47 -2.72 | 12.85 -0.57 -4.26 |
| LOCKPORT___CC3 323771 | 39.02 -0.75 -0.65 | 10.80 0.06 -6.11 | 13.39 0.06 -5.87 | 17.27 0.03 -3.90 | 17.14 -0.01 -3.85 | 26.66 -0.61 -2.51 | 25.67 -1.25 -2.27 | 61.57 -2.38 -6.75 | 35.89 -1.57 -7.69 | 41.36 -1.88 -4.81 | 41.98 -2.32 -0.24 | 36.88 -1.88 -5.34 | 47.92 -2.82 -1.37 | 34.39 -1.99 -4.01 | 29.27 -1.70 -5.62 | 27.21 -1.74 -5.42 | 23.84 -0.99 -8.69 | 16.03 0.46 -23.86 | 35.39 -1.56 -8.76 | 43.21 -2.32 -0.69 | 39.20 -1.39 -5.43 | 35.22 -1.54 -1.63 | 25.51 -1.47 -2.72 | 12.85 -0.57 -4.26 |
| LONG_LAKE_PHOENIX 24014 | 39.07 -0.40 -0.35 | 7.92 -0.03 -3.32 | 10.60 -0.05 -3.19 | 15.36 -0.11 -2.12 | 15.32 -0.07 -2.09 | 25.91 -0.21 -1.36 | 25.54 -0.26 -1.14 | 56.54 -0.65 0.00 | 29.49 -0.28 0.00 | 38.06 -0.38 0.00 | 43.55 -0.50 0.00 | 33.10 -0.32 0.00 | 48.78 -0.59 0.00 | 32.14 -0.29 -0.05 | 26.61 -0.23 -1.48 | 25.21 -0.24 -1.92 | 18.36 -0.12 -2.35 | 4.59 0.06 -12.82 | 31.13 -0.25 -3.19 | 45.96 -0.48 -1.61 | 37.90 -0.34 -3.08 | 35.57 -0.47 -0.92 | 24.89 -0.35 -0.98 | 10.22 -0.12 -1.18 |
| LOVETT___3 23632 | 32.61 2.64 9.14 | 41.74 0.34 -36.77 | 43.32 0.54 -35.32 | 37.75 0.96 -23.44 | 37.42 0.95 -23.17 | 41.77 1.95 -15.06 | 40.56 2.08 -13.83 | 64.80 4.92 -2.68 | 81.68 2.51 -49.40 | 57.06 3.24 -15.38 | 17.47 3.60 30.19 | 71.35 2.77 -35.17 | 60.19 4.46 -6.36 | 63.32 2.93 -28.01 | 60.79 2.33 -33.11 | 55.57 2.16 -29.89 | 72.13 1.55 -54.45 | 102.85 -0.80 -111.94 | 67.14 2.70 -36.26 | 62.03 4.32 -12.86 | 63.28 3.44 -24.68 | 45.78 3.29 -7.36 | 40.04 2.16 -13.61 | 36.24 0.75 -26.33 |
| LOVETT___4 23642 | 32.61 2.64 9.14 | 41.74 0.34 -36.77 | 43.32 0.54 -35.32 | 37.75 0.96 -23.44 | 37.42 0.95 -23.17 | 41.77 1.95 -15.06 | 40.56 2.08 -13.83 | 64.80 4.92 -2.68 | 81.68 2.51 -49.40 | 57.06 3.24 -15.38 | 17.47 3.60 30.19 | 71.35 2.77 -35.17 | 60.19 4.46 -6.36 | 63.32 2.93 -28.01 | 60.79 2.33 -33.11 | 55.57 2.16 -29.89 | 72.13 1.55 -54.45 | 102.85 -0.80 -111.94 | 67.14 2.70 -36.26 | 62.03 4.32 -12.86 | 63.28 3.44 -24.68 | 45.78 3.29 -7.36 | 40.04 2.16 -13.61 | 36.24 0.75 -26.33 |
| LOVETT___5 23593 | 32.61 2.64 9.14 | 41.74 0.34 -36.77 | 43.32 0.54 -35.32 | 37.75 0.96 -23.44 | 37.42 0.95 -23.17 | 41.77 1.95 -15.06 | 40.56 2.08 -13.83 | 64.80 4.92 -2.68 | 81.68 2.51 -49.40 | 57.06 3.24 -15.38 | 17.47 3.60 30.19 | 71.35 2.77 -35.17 | 60.19 4.46 -6.36 | 63.32 2.93 -28.01 | 60.79 2.33 -33.11 | 55.57 2.16 -29.89 | 72.13 1.55 -54.45 | 102.85 -0.80 -111.94 | 67.14 2.70 -36.26 | 62.03 4.32 -12.86 | 63.28 3.44 -24.68 | 45.78 3.29 -7.36 | 40.04 2.16 -13.61 | 36.24 0.75 -26.33 |
| LOWER RAQUET___HYD 24057 | 37.89 -1.24 0.00 | 4.43 -0.20 0.00 | 7.14 -0.32 0.00 | 12.84 -0.51 0.00 | 12.76 -0.54 0.00 | 23.82 -0.94 0.00 | 23.48 -1.06 0.11 | 54.64 -2.31 0.24 | 23.51 -1.41 4.84 | 33.70 -1.72 3.02 | 42.50 -1.40 0.15 | 28.62 -1.35 3.45 | 46.74 -2.06 0.57 | 28.14 -1.69 2.55 | 22.40 -1.37 1.59 | 21.49 -1.24 0.79 | 12.52 -0.90 2.72 | -4.54 0.45 -3.29 | 26.75 -1.44 0.00 | 43.08 -2.29 -0.53 | 33.99 -2.18 -1.01 | 33.74 -1.69 -0.30 | 22.91 -1.12 0.24 | 7.40 -0.48 1.27 |
| LOWER___HUDSON 24059 | 49.77 2.44 -8.21 | 61.75 0.30 -56.83 | 62.52 0.47 -54.59 | 50.43 0.86 -36.23 | 49.97 0.86 -35.81 | 49.64 1.60 -23.28 | 48.70 1.60 -22.45 | 67.45 3.75 -6.51 | 163.36 1.96 -131.63 | 125.80 2.45 -84.92 | 56.47 2.72 -9.69 | 129.28 2.12 -93.75 | 67.88 3.07 -15.44 | 101.78 2.06 -67.35 | 90.05 1.58 -63.11 | 75.17 1.43 -50.22 | 122.04 1.00 -104.90 | 113.95 -0.53 -122.76 | 80.88 1.78 -50.92 | 60.16 2.77 -12.55 | 61.39 2.14 -24.08 | 44.48 2.17 -7.18 | 47.42 1.56 -21.61 | 60.98 0.61 -51.21 |
| LWR___OSWEGATCHIE_HYD 23850 | 38.51 -0.61 0.00 | 4.51 -0.11 0.00 | 7.26 -0.20 0.00 | 13.02 -0.34 0.00 | 13.01 -0.28 0.00 | 24.30 -0.46 0.00 | 24.16 -0.39 0.10 | 56.25 -0.71 0.23 | 24.75 -0.43 4.59 | 35.02 -0.55 2.86 | 43.53 -0.38 0.14 | 29.72 -0.43 3.27 | 48.06 -0.77 0.54 | 29.15 -0.74 2.48 | 23.29 -0.67 1.39 | 22.35 -0.66 0.50 | 13.23 -0.49 2.42 | -2.63 0.24 -5.42 | 27.95 -0.74 -0.51 | 44.47 -1.17 -0.80 | 35.58 -1.11 -1.53 | 34.67 -0.92 -0.46 | 23.50 -0.67 0.09 | 7.64 -0.30 1.21 |
| LYONS_FALL_HYD 23570 | 39.79 0.66 0.00 | 4.69 0.06 0.00 | 7.55 0.08 0.00 | 13.49 0.14 0.00 | 13.50 0.20 0.00 | 25.23 0.47 0.00 | 25.16 0.66 0.15 | 58.57 1.72 0.33 | 24.06 0.97 6.67 | 35.48 1.22 4.17 | 45.21 1.36 0.21 | 29.69 1.03 4.76 | 49.96 1.39 0.79 | 29.38 0.76 3.76 | 23.42 0.43 2.37 | 22.88 0.35 0.99 | 12.29 0.24 4.08 | -1.08 -0.14 -7.35 | 29.12 0.45 -0.49 | 46.66 0.71 -1.11 | 37.84 0.55 -2.13 | 36.23 0.47 -0.63 | 24.25 0.23 0.24 | 7.23 0.06 1.99 |
| MADISON___COUNTY_LFGE 323628 | 40.25 0.94 -0.19 | 6.54 0.12 -1.80 | 9.38 0.19 -1.73 | 14.82 0.32 -1.15 | 14.77 0.34 -1.14 | 26.23 0.73 -0.74 | 26.01 0.85 -0.51 | 59.01 2.06 0.24 | 26.13 1.14 4.79 | 36.92 1.48 2.99 | 45.50 1.59 0.15 | 31.27 1.26 3.41 | 50.72 1.92 0.56 | 31.08 1.21 2.51 | 25.53 0.89 0.73 | 24.66 0.79 -0.35 | 15.34 0.56 1.36 | 2.45 -0.29 -11.02 | 30.97 0.88 -1.91 | 47.73 1.39 -1.50 | 39.19 1.16 -2.87 | 37.00 1.01 -0.86 | 25.20 0.59 -0.35 | 8.73 0.21 0.64 |
| MAPLE_RIDGE_WT_1 323574 | 38.50 -0.32 0.29 | 1.81 -0.04 2.77 | 4.71 -0.09 2.67 | 11.38 -0.20 1.77 | 11.42 -0.14 1.75 | 23.34 -0.28 1.14 | 22.87 -0.19 1.59 | 55.34 -0.44 1.41 | 1.21 -0.23 28.34 | 20.46 -0.27 17.70 | 42.80 -0.36 0.89 | 12.88 -0.35 20.19 | 45.54 -0.48 3.35 | 17.58 -0.35 14.45 | 14.95 -0.44 9.97 | 16.90 -0.53 6.09 | -1.10 -0.37 16.86 | -2.83 0.21 -5.24 | 24.42 -0.67 3.09 | 45.16 -0.95 -1.27 | 36.89 -0.71 -2.44 | 35.23 -0.63 -0.73 | 21.64 -0.39 2.23 | 1.14 -0.11 7.90 |
| MAPLE_RIDGE_WT_2 323611 | 38.50 -0.32 0.29 | 1.81 -0.04 2.77 | 4.71 -0.09 2.67 | 11.38 -0.20 1.77 | 11.42 -0.14 1.75 | 23.34 -0.28 1.14 | 22.87 -0.19 1.59 | 55.34 -0.44 1.41 | 1.21 -0.23 28.34 | 20.46 -0.27 17.70 | 42.80 -0.36 0.89 | 12.88 -0.35 20.19 | 45.54 -0.48 3.35 | 17.58 -0.35 14.45 | 14.95 -0.44 9.97 | 16.90 -0.53 6.09 | -1.10 -0.37 16.86 | -2.83 0.21 -5.24 | 24.42 -0.67 3.09 | 45.16 -0.95 -1.27 | 36.89 -0.71 -2.44 | 35.23 -0.63 -0.73 | 21.64 -0.39 2.23 | 1.14 -0.11 7.90 |
| MARBLE_RIVER_WT_PWR 323696 | 37.96 -1.16 0.00 | 4.41 -0.22 0.00 | 7.17 -0.29 0.00 | 13.06 -0.29 0.00 | 12.83 -0.47 0.00 | 24.25 -0.51 0.00 | 24.09 -0.45 0.11 | 56.07 -0.87 0.25 | 24.02 -0.71 5.04 | 34.45 -0.83 3.15 | 43.27 -0.63 0.16 | 29.31 -0.52 3.60 | 47.92 -0.86 0.60 | 28.85 -0.93 2.60 | 22.85 -0.77 1.74 | 21.84 -0.68 1.01 | 12.66 -0.53 2.95 | -6.40 0.23 -1.66 | 26.99 -0.81 0.39 | 43.78 -1.38 -0.32 | 34.54 -1.23 -0.62 | 34.41 -0.91 -0.18 | 23.37 -0.54 0.35 | 7.61 -0.22 1.32 |

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|--------------------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| MARSH_HILL_WT_PWR 323713 | 41.33 1.32 -0.89 | 13.28 0.23 -8.42 | 15.91 0.36 -8.09 | 19.28 0.55 -5.37 | 19.20 0.59 -5.31 | 29.06 0.85 -3.45 | 28.38 0.58 -3.15 | 76.61 1.79 -17.63 | 41.46 0.43 -11.26 | 45.71 0.24 -7.03 | 44.20 -0.20 -0.35 | 41.28 -0.08 -7.94 | 51.80 0.02 -2.42 | 38.15 -0.11 -5.89 | 33.12 -0.25 -8.02 | 30.89 -0.33 -7.70 | 30.65 -0.05 -14.56 | 24.94 0.02 -33.21 | 42.80 0.06 -14.56 | 57.85 0.36 -12.65 | 43.32 0.65 -7.51 | 37.93 0.57 -2.24 | 28.48 0.24 -3.97 | 15.32 0.10 -6.07 |
| MG INDUSTRY___DRP 24185 | 48.48 1.89 -7.47 | 53.62 0.22 -48.77 | 54.67 0.36 -46.85 | 45.08 0.64 -31.09 | 44.71 0.67 -30.73 | 45.98 1.24 -19.98 | 44.69 1.23 -18.81 | 64.51 2.75 -4.58 | 123.92 1.43 -92.72 | 100.82 1.80 -60.58 | 54.45 2.04 -8.35 | 101.06 1.59 -66.05 | 62.56 2.33 -10.86 | 81.31 1.43 -47.50 | 75.25 1.10 -48.78 | 65.53 0.99 -41.02 | 97.52 0.67 -80.72 | 115.81 -0.34 -124.44 | 74.62 1.14 -45.29 | 60.12 1.68 -13.61 | 62.58 1.32 -26.10 | 44.34 1.43 -7.79 | 43.42 1.05 -18.12 | 48.90 0.40 -39.35 |
| MID___OSWEGATCHIE_HYD 23849 | 38.51 -0.61 0.00 | 4.51 -0.11 0.00 | 7.26 -0.20 0.00 | 13.02 -0.34 0.00 | 13.01 -0.28 0.00 | 24.30 -0.46 0.00 | 24.16 -0.39 0.10 | 56.25 -0.71 0.23 | 24.75 -0.43 4.59 | 35.02 -0.55 2.86 | 43.53 -0.38 0.14 | 29.72 -0.43 3.27 | 48.06 -0.77 0.54 | 29.15 -0.74 2.48 | 23.29 -0.67 1.39 | 22.35 -0.66 0.50 | 13.23 -0.49 2.42 | -2.63 0.24 -5.42 | 27.95 -0.74 -0.51 | 44.47 -1.17 -0.80 | 35.58 -1.11 -1.53 | 34.67 -0.92 -0.46 | 23.50 -0.67 0.09 | 7.64 -0.30 1.21 |
| MID___RAQUETTE_HYD 23851 | 37.89 -1.24 0.00 | 4.43 -0.20 0.00 | 7.14 -0.32 0.00 | 12.84 -0.51 0.00 | 12.76 -0.54 0.00 | 23.82 -0.94 0.00 | 23.48 -1.06 0.11 | 54.64 -2.31 0.24 | 23.51 -1.41 4.84 | 33.70 -1.72 3.02 | 42.50 -1.40 0.15 | 28.62 -1.35 3.45 | 46.74 -2.06 0.57 | 28.14 -1.69 2.55 | 22.40 -1.37 1.59 | 21.49 -1.24 0.79 | 12.52 -0.90 2.72 | -4.54 0.45 -3.29 | 26.75 -1.44 0.00 | 43.08 -2.29 -0.53 | 33.99 -2.18 -1.01 | 33.74 -1.69 -0.30 | 22.91 -1.12 0.24 | 7.40 -0.48 1.27 |
| MILLIKEN___1 23584 | 40.99 1.00 -0.87 | 13.00 0.14 -8.23 | 15.60 0.23 -7.90 | 18.98 0.38 -5.25 | 18.87 0.39 -5.19 | 28.82 0.69 -3.37 | 28.43 0.70 -3.07 | 60.89 1.95 -1.76 | 41.82 1.01 -11.04 | 46.56 1.22 -6.90 | 45.74 1.34 -0.35 | 42.31 1.03 -7.85 | 52.35 1.61 -1.38 | 39.20 1.06 -5.76 | 34.07 0.80 -7.91 | 31.82 0.69 -7.61 | 29.72 0.53 -13.05 | 24.40 -0.29 -32.97 | 39.38 0.96 -10.23 | 51.05 1.60 -4.60 | 43.91 1.28 -7.48 | 38.48 1.12 -2.23 | 28.52 0.68 -3.58 | 15.35 0.24 -5.96 |
| MILLIKEN___2 23585 | 40.99 1.00 -0.87 | 13.00 0.14 -8.23 | 15.60 0.23 -7.90 | 18.98 0.38 -5.25 | 18.87 0.39 -5.19 | 28.82 0.69 -3.37 | 28.43 0.70 -3.07 | 60.89 1.95 -1.76 | 41.82 1.01 -11.04 | 46.56 1.22 -6.90 | 45.74 1.34 -0.35 | 42.31 1.03 -7.85 | 52.35 1.61 -1.38 | 39.20 1.06 -5.76 | 34.07 0.80 -7.91 | 31.82 0.69 -7.61 | 29.72 0.53 -13.05 | 24.40 -0.29 -32.97 | 39.38 0.96 -10.23 | 51.05 1.60 -4.60 | 43.91 1.28 -7.48 | 38.48 1.12 -2.23 | 28.52 0.68 -3.58 | 15.35 0.24 -5.96 |
| MILLIKEN___DIESEL 23629 | 40.99 1.00 -0.87 | 13.00 0.14 -8.23 | 15.60 0.23 -7.90 | 18.98 0.38 -5.25 | 18.87 0.39 -5.19 | 28.82 0.69 -3.37 | 28.43 0.70 -3.07 | 60.89 1.95 -1.76 | 41.82 1.01 -11.04 | 46.56 1.22 -6.90 | 45.74 1.34 -0.35 | 42.31 1.03 -7.85 | 52.35 1.61 -1.38 | 39.20 1.06 -5.76 | 34.07 0.80 -7.91 | 31.82 0.69 -7.61 | 29.72 0.53 -13.05 | 24.40 -0.29 -32.97 | 39.38 0.96 -10.23 | 51.05 1.60 -4.60 | 43.91 1.28 -7.48 | 38.48 1.12 -2.23 | 28.52 0.68 -3.58 | 15.35 0.24 -5.96 |
| MILLSEAT___LFGE 323607 | 39.73 -0.01 -0.61 | 10.55 0.14 -5.79 | 13.20 0.17 -5.56 | 17.28 0.24 -3.69 | 17.16 0.21 -3.65 | 27.04 -0.09 -2.37 | 26.20 -0.60 -2.15 | 55.40 -0.79 1.00 | 36.31 -0.66 -7.20 | 42.22 -0.71 -4.50 | 43.34 -0.94 -0.22 | 37.58 -0.87 -5.03 | 48.82 -1.33 -0.78 | 35.16 -0.96 -3.75 | 29.76 -0.88 -5.29 | 27.67 -0.97 -5.12 | 23.71 -0.48 -8.05 | 14.50 0.19 -22.60 | 33.88 -0.66 -6.36 | 43.44 -0.92 0.47 | 39.92 -0.39 -5.15 | 36.06 -0.60 -1.54 | 25.81 -0.84 -2.39 | 12.82 -0.34 -4.01 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 109.11 2.80 -67.19 | 44.68 0.36 -39.69 | 46.16 0.57 -38.13 | 39.67 1.02 -25.30 | 39.33 1.02 -25.01 | 43.09 2.07 -16.26 | 41.83 2.25 -14.94 | 65.40 5.30 -2.90 | 106.59 2.76 -74.05 | 142.22 3.57 -100.21 | 160.95 3.98 -112.91 | 89.22 3.02 -52.78 | 61.08 4.83 -6.89 | 65.83 3.16 -30.29 | 63.06 2.50 -35.19 | 57.38 2.33 -31.52 | 75.69 1.63 -57.92 | 106.51 -0.84 -115.64 | 68.89 2.83 -37.87 | 62.59 4.52 -13.23 | 64.12 3.58 -25.39 | 46.14 3.44 -7.57 | 40.87 2.30 -14.31 | 38.19 0.80 -28.22 |
| MODEL_CITY_ENERGY 24167 | 38.54 -1.23 -0.65 | 10.80 0.01 -6.16 | 13.35 -0.03 -5.92 | 17.14 -0.14 -3.93 | 17.00 -0.18 -3.88 | 26.36 -0.92 -2.53 | 25.34 -1.60 -2.29 | 40.01 -3.23 13.95 | 35.44 -2.07 -7.75 | 40.77 -2.51 -4.85 | 41.36 -2.94 -0.24 | 36.36 -2.43 -5.38 | 45.76 -3.57 0.03 | 33.88 -2.52 -4.03 | 28.89 -2.12 -5.65 | 26.86 -2.11 -5.45 | 22.83 -1.25 -7.95 | 16.24 0.59 -23.93 | 29.52 -1.98 -3.31 | 37.09 -2.99 4.76 | 38.65 -1.96 -5.45 | 34.70 -2.07 -1.64 | 24.66 -1.84 -2.24 | 12.74 -0.70 -4.29 |
| MODERN_LFGE___ 323580 | 38.54 -1.23 -0.65 | 10.80 0.01 -6.16 | 13.35 -0.03 -5.92 | 17.14 -0.14 -3.93 | 17.00 -0.18 -3.88 | 26.36 -0.92 -2.53 | 25.34 -1.60 -2.29 | 40.01 -3.23 13.95 | 35.44 -2.07 -7.75 | 40.77 -2.51 -4.85 | 41.36 -2.94 -0.24 | 36.36 -2.43 -5.38 | 45.76 -3.57 0.03 | 33.88 -2.52 -4.03 | 28.89 -2.12 -5.65 | 26.86 -2.11 -5.45 | 22.83 -1.25 -7.95 | 16.24 0.59 -23.93 | 29.52 -1.98 -3.31 | 37.09 -2.99 4.76 | 38.65 -1.96 -5.45 | 34.70 -2.07 -1.64 | 24.66 -1.84 -2.24 | 12.74 -0.70 -4.29 |
| MOHAWK_PAPER___DRP 24187 | 49.34 2.14 -8.08 | 60.43 0.25 -55.56 | 61.23 0.40 -53.37 | 49.51 0.74 -35.42 | 49.09 0.78 -35.01 | 48.99 1.47 -22.76 | 47.91 1.47 -21.79 | 66.61 3.39 -6.03 | 153.42 1.79 -121.87 | 119.54 2.26 -78.85 | 55.97 2.52 -9.40 | 122.16 1.93 -86.81 | 66.55 2.89 -14.29 | 96.65 1.90 -62.38 | 86.53 1.46 -59.70 | 73.01 1.34 -48.15 | 116.20 0.94 -99.13 | 116.02 -0.48 -124.79 | 79.73 1.64 -49.91 | 60.42 2.56 -13.02 | 62.15 2.01 -24.98 | 44.60 2.03 -7.45 | 46.53 1.42 -20.85 | 58.14 0.54 -48.44 |
| MONGAUP___HYD 23641 | 36.67 2.35 4.80 | 40.20 0.30 -35.27 | 41.82 0.47 -33.88 | 36.68 0.84 -22.49 | 36.37 0.84 -22.23 | 40.93 1.72 -14.45 | 39.66 1.74 -13.27 | 63.93 4.18 -2.57 | 80.49 2.16 -48.57 | 61.22 2.82 -19.96 | 27.49 3.18 19.75 | 70.40 2.40 -34.58 | 59.20 3.75 -6.09 | 61.67 2.48 -26.81 | 59.33 1.95 -32.02 | 54.39 1.83 -29.04 | 69.95 1.17 -52.64 | 101.16 -0.61 -110.06 | 65.73 2.11 -35.43 | 60.88 3.36 -12.68 | 62.15 2.67 -24.33 | 45.04 2.65 -7.25 | 39.12 1.61 -13.25 | 35.06 0.55 -25.35 |
| MONTAUK___DIESEL 23721 | 64.56 4.35 -21.09 | 45.19 0.49 -40.07 | 46.76 0.81 -38.49 | 40.38 1.49 -25.54 | 40.25 1.70 -25.25 | 44.50 3.33 -16.41 | 43.35 3.62 -15.08 | 68.26 8.14 -2.93 | 97.00 4.85 -62.38 | 95.73 6.50 -50.80 | 77.86 7.59 -26.21 | 83.49 5.64 -44.43 | 64.83 8.50 -6.96 | 68.54 5.57 -30.60 | 65.47 4.48 -35.63 | 73.20 4.36 -45.32 | 88.14 3.06 -68.94 | 175.32 -1.53 -185.14 | 330.94 4.91 -297.85 | 65.88 7.74 -13.29 | 130.34 6.49 -88.69 | 48.45 5.72 -7.60 | 42.67 4.01 -14.40 | 39.10 1.47 -28.47 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 64.57 3.13 -22.32 | 45.05 0.40 -40.03 | 46.55 0.63 -38.45 | 40.00 1.14 -25.52 | 39.67 1.15 -25.22 | 43.50 2.34 -16.40 | 42.23 2.52 -15.06 | 66.05 5.92 -2.93 | 94.75 3.12 -61.85 | 91.35 4.05 -48.86 | 71.45 4.50 -22.89 | 80.86 3.38 -44.06 | 61.75 5.43 -6.95 | 66.50 3.56 -30.56 | 63.63 2.82 -35.44 | 57.86 2.63 -31.71 | 76.29 1.82 -58.33 | 106.85 -0.92 -116.06 | 69.36 3.12 -38.06 | 63.09 4.97 -13.27 | 64.57 3.94 -25.47 | 46.51 3.79 -7.59 | 41.21 2.56 -14.39 | 38.50 0.90 -28.45 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MUNSVILLE_WIND_PWR 323609 | 43.18 2.77 -1.30 | 17.17 0.33 -12.21 | 19.71 0.52 -11.73 | 22.04 0.91 -7.78 | 21.92 0.93 -7.69 | 31.57 1.81 -5.00 | 31.26 1.94 -4.67 | 64.95 5.22 -2.54 | 53.69 2.65 -21.28 | 55.02 3.29 -13.29 | 48.54 3.82 -0.67 | 51.55 2.99 -15.14 | 56.50 4.53 -2.60 | 46.17 2.71 -11.08 | 41.43 1.94 -14.12 | 38.45 1.75 -13.18 | 40.72 1.27 -23.31 | 44.52 -0.70 -53.50 | 47.64 2.44 -17.01 | 56.11 4.12 -7.15 | 50.50 3.35 -11.99 | 41.73 3.03 -3.57 | 32.23 1.86 -6.11 | 20.19 0.63 -10.41 |
| N SALMON___HYD 24042 | 38.46 -0.66 0.00 | 4.48 -0.15 0.00 | 7.27 -0.19 0.00 | 13.15 -0.20 0.00 | 12.98 -0.32 0.00 | 24.43 -0.32 0.00 | 24.24 -0.30 0.11 | 56.50 -0.44 0.25 | 24.30 -0.49 4.98 | 34.82 -0.50 3.11 | 43.70 -0.20 0.16 | 29.63 -0.24 3.55 | 48.36 -0.42 0.59 | 29.15 -0.64 2.58 | 23.12 -0.55 1.69 | 22.12 -0.46 0.94 | 12.89 -0.37 2.88 | -5.93 0.16 -2.19 | 27.42 -0.51 0.26 | 44.33 -0.89 -0.39 | 34.98 -0.93 -0.74 | 34.75 -0.60 -0.22 | 23.57 -0.38 0.32 | 7.66 -0.19 1.31 |
| N.E_GEN_SANDY PD 24062 | 49.85 2.31 -8.42 | 52.32 0.29 -47.41 | 53.46 0.46 -45.54 | 44.69 0.84 -30.50 | 44.02 0.84 -29.88 | 45.83 1.65 -19.42 | 44.07 1.70 -17.71 | 65.21 3.97 -4.06 | 114.55 2.06 -82.72 | 96.98 2.61 -55.93 | 58.29 2.92 -11.32 | 94.58 2.24 -58.92 | 62.37 3.39 -9.62 | 76.75 2.23 -42.14 | 71.83 1.76 -44.71 | 63.40 1.60 -38.27 | 91.13 1.11 -73.87 | 114.28 -0.58 -123.14 | 73.48 1.95 -43.34 | 61.62 3.11 -13.67 | 63.83 2.44 -26.23 | 45.39 2.44 -7.82 | 43.00 1.70 -17.04 | 45.98 0.62 -36.20 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 32.69 2.65 9.09 | 41.72 0.34 -36.75 | 43.31 0.55 -35.30 | 37.74 0.96 -23.43 | 37.42 0.96 -23.16 | 41.78 1.97 -15.06 | 40.57 2.09 -13.83 | 64.81 4.94 -2.68 | 81.69 2.53 -49.40 | 57.14 3.26 -15.44 | 17.63 3.63 30.05 | 71.37 2.78 -35.17 | 60.20 4.47 -6.36 | 63.32 2.96 -27.99 | 60.80 2.34 -33.09 | 55.58 2.17 -29.88 | 72.12 1.56 -54.43 | 102.83 -0.81 -111.93 | 67.16 2.72 -36.25 | 62.06 4.35 -12.86 | 63.30 3.46 -24.68 | 45.79 3.31 -7.36 | 40.04 2.17 -13.61 | 36.24 0.76 -26.32 |
| NARROWS_GT1_1 24228 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_2 24229 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_3 24230 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_4 24231 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_5 24232 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_6 24233 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_7 24234 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT1_8 24235 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_1 24236 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_2 24237 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_3 24238 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |

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|---------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_4 24239 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_5 24240 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_6 24241 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_7 24242 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NARROWS_GT2_8 24243 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 46.15 2.45 -4.58 | 48.08 0.30 -43.15 | 49.39 0.48 -41.45 | 41.72 0.86 -27.51 | 41.38 0.88 -27.19 | 44.19 1.75 -17.68 | 42.98 1.88 -16.45 | 65.34 4.51 -3.63 | 105.13 2.40 -72.97 | 87.12 3.10 -45.58 | 49.83 3.49 -2.28 | 88.05 2.65 -51.97 | 62.09 4.10 -8.61 | 72.83 2.68 -37.78 | 68.43 2.09 -40.98 | 60.93 1.92 -35.49 | 85.13 1.35 -67.64 | 109.41 -0.70 -118.39 | 71.41 2.40 -40.83 | 61.85 3.75 -13.26 | 63.52 2.92 -25.44 | 45.52 2.81 -7.59 | 42.02 1.87 -15.88 | 42.75 0.67 -32.93 |
| NEG CAPITAL___MECHNVIL 23645 | 50.37 2.98 -8.26 | 63.06 0.35 -58.08 | 63.82 0.57 -55.79 | 51.39 1.02 -37.02 | 50.90 1.01 -36.60 | 50.38 1.83 -23.79 | 49.54 1.87 -23.02 | 68.51 4.49 -6.83 | 170.19 2.36 -138.07 | 130.26 2.97 -88.85 | 57.08 3.34 -9.69 | 134.34 2.58 -98.34 | 69.34 3.76 -16.21 | 105.56 2.53 -70.65 | 92.69 1.92 -65.41 | 76.89 1.73 -51.64 | 126.16 1.22 -108.80 | 112.80 -0.65 -121.74 | 82.06 2.20 -51.67 | 60.55 3.43 -12.28 | 61.33 2.60 -23.57 | 44.74 2.58 -7.03 | 48.21 1.81 -22.13 | 63.02 0.72 -53.14 |
| NEG CENTRAL_HIGH_ACRES 23767 | 39.45 -0.16 -0.50 | 9.34 0.04 -4.68 | 12.00 0.04 -4.49 | 16.39 0.05 -2.98 | 16.31 0.07 -2.95 | 26.61 -0.07 -1.92 | 26.15 -0.23 -1.73 | 56.14 -0.32 0.73 | 35.12 -0.12 -5.47 | 41.73 -0.12 -3.42 | 43.97 -0.26 -0.17 | 37.06 -0.27 -3.91 | 49.35 -0.61 -0.59 | 35.03 -0.20 -2.86 | 29.30 -0.21 -4.14 | 27.32 -0.27 -4.07 | 22.67 -0.10 -6.64 | 10.11 0.02 -18.38 | 33.21 -0.12 -5.15 | 46.07 -0.21 -1.44 | 39.35 0.00 -4.20 | 36.15 -0.23 -1.25 | 25.82 -0.33 -1.89 | 12.15 -0.15 -3.15 |
| NEG CENTRAL___DRP 24199 | 40.17 0.49 -0.57 | 10.03 0.09 -5.31 | 12.71 0.15 -5.10 | 16.97 0.23 -3.39 | 16.90 0.26 -3.35 | 27.34 0.40 -2.18 | 26.95 0.33 -1.97 | 58.54 1.04 -0.31 | 36.60 0.52 -6.31 | 42.98 0.60 -3.94 | 44.82 0.57 -0.20 | 38.37 0.46 -4.49 | 50.78 0.66 -0.74 | 36.14 0.47 -3.29 | 30.45 0.34 -4.75 | 28.44 0.26 -4.66 | 24.15 0.25 -7.76 | 12.57 -0.14 -21.00 | 34.85 0.47 -6.19 | 48.14 0.81 -2.50 | 40.66 0.71 -4.79 | 37.08 0.52 -1.43 | 26.68 0.23 -2.19 | 12.83 0.07 -3.60 |
| NEG CENTRAL___INDECK 23768 | 41.49 1.63 -0.74 | 11.91 0.27 -7.01 | 14.61 0.41 -6.74 | 18.48 0.66 -4.47 | 18.43 0.71 -4.42 | 28.71 1.08 -2.87 | 28.18 0.92 -2.61 | 65.63 2.76 -5.68 | 40.09 1.24 -9.08 | 45.70 1.59 -5.67 | 45.84 1.50 -0.28 | 40.98 1.14 -6.42 | 52.41 1.65 -1.40 | 38.23 1.12 -4.74 | 32.65 0.74 -6.55 | 30.46 0.62 -6.31 | 27.86 0.59 -11.14 | 18.90 -0.34 -27.52 | 39.00 1.19 -9.63 | 52.76 2.01 -5.90 | 43.19 1.78 -6.24 | 38.49 1.50 -1.86 | 28.06 0.73 -3.07 | 14.35 0.23 -4.96 |
| NEG CENTRAL___SENECA 23627 | 40.57 0.83 -0.62 | 10.65 0.14 -5.88 | 13.33 0.22 -5.65 | 17.45 0.36 -3.75 | 17.40 0.39 -3.70 | 27.81 0.65 -2.41 | 27.39 0.55 -2.18 | 59.22 1.67 -0.36 | 37.85 0.81 -7.27 | 43.98 1.00 -4.54 | 45.25 0.97 -0.23 | 39.35 0.76 -5.17 | 51.34 1.11 -0.86 | 36.92 0.75 -3.79 | 31.26 0.54 -5.37 | 29.20 0.45 -5.22 | 25.31 0.41 -8.77 | 14.65 -0.22 -23.16 | 35.83 0.76 -6.88 | 48.85 1.26 -2.75 | 41.53 1.10 -5.27 | 37.56 0.86 -1.57 | 27.13 0.42 -2.45 | 13.36 0.13 -4.06 |
| NEG CENTRAL___STATE_STREET 24147 | 40.23 0.56 -0.55 | 9.92 0.10 -5.20 | 12.62 0.16 -4.99 | 16.93 0.26 -3.31 | 16.81 0.23 -3.27 | 27.25 0.36 -2.13 | 26.88 0.31 -1.92 | 58.51 1.02 -0.30 | 36.44 0.58 -6.09 | 42.80 0.56 -3.81 | 44.95 0.71 -0.19 | 38.22 0.46 -4.34 | 50.87 0.78 -0.72 | 36.18 0.62 -3.18 | 30.45 0.46 -4.63 | 28.37 0.30 -4.55 | 23.94 0.25 -7.55 | 12.22 -0.14 -20.65 | 34.71 0.45 -6.07 | 48.18 0.88 -2.46 | 40.51 0.63 -4.72 | 37.10 0.57 -1.41 | 26.75 0.35 -2.14 | 12.78 0.12 -3.50 |
| NEG MILLWOOD___DRP 24198 | 50.89 3.09 -8.68 | 45.25 0.39 -40.24 | 46.73 0.62 -38.65 | 40.11 1.11 -25.65 | 39.76 1.11 -25.36 | 43.50 2.26 -16.48 | 42.25 2.43 -15.16 | 65.97 5.80 -2.98 | 93.99 3.04 -61.17 | 84.78 3.94 -42.40 | 58.98 4.43 -10.50 | 80.34 3.35 -43.57 | 61.74 5.29 -7.08 | 66.94 3.46 -31.11 | 63.94 2.73 -35.86 | 58.06 2.54 -32.00 | 76.94 1.77 -59.03 | 107.00 -0.91 -116.21 | 69.56 3.12 -38.26 | 63.05 4.94 -13.27 | 64.50 3.89 -25.46 | 46.44 3.72 -7.59 | 41.24 2.47 -14.50 | 38.81 0.87 -28.78 |
| NEG NORTH_FLCN_SEA 23793 | 38.48 -0.64 0.00 | 4.47 -0.15 0.00 | 7.27 -0.19 0.00 | 13.22 -0.13 0.00 | 13.01 -0.29 0.00 | 24.55 -0.21 0.00 | 24.42 -0.11 0.11 | 56.93 -0.01 0.25 | 24.46 -0.26 5.04 | 34.97 -0.31 3.15 | 43.83 -0.07 0.16 | 29.75 -0.08 3.59 | 48.54 -0.23 0.60 | 29.27 -0.51 2.59 | 23.17 -0.45 1.74 | 22.13 -0.39 1.01 | 12.87 -0.31 2.95 | -6.50 0.12 -1.67 | 27.34 -0.45 0.39 | 44.32 -0.84 -0.32 | 34.97 -0.80 -0.62 | 34.82 -0.49 -0.18 | 23.67 -0.24 0.35 | 7.74 -0.10 1.32 |
| NEG NORTH_KES_CHATEGAY 23792 | 38.04 -1.08 0.00 | 4.42 -0.20 0.00 | 7.20 -0.26 0.00 | 13.06 -0.29 0.00 | 12.86 -0.44 0.00 | 24.26 -0.50 0.00 | 24.09 -0.45 0.11 | 56.05 -0.89 0.25 | 24.01 -0.73 5.02 | 34.45 -0.85 3.14 | 43.25 -0.65 0.16 | 29.34 -0.50 3.58 | 47.95 -0.82 0.59 | 28.88 -0.90 2.59 | 22.88 -0.75 1.72 | 21.90 -0.64 0.99 | 12.71 -0.50 2.93 | -6.24 0.22 -1.82 | 27.08 -0.75 0.35 | 43.87 -1.31 -0.34 | 34.64 -1.17 -0.65 | 34.46 -0.86 -0.19 | 23.39 -0.53 0.34 | 7.61 -0.23 1.32 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG NORTH___ALICE_FALLS 23915 | 38.79 -0.33 0.00 | 4.51 -0.12 0.00 | 7.33 -0.14 0.00 | 13.29 -0.06 0.00 | 13.09 -0.21 0.00 | 24.73 -0.03 0.00 | 24.64 0.10 0.11 | 57.53 0.59 0.25 | 24.78 0.04 5.03 | 35.40 0.11 3.14 | 44.35 0.45 0.16 | 30.21 0.37 3.58 | 49.14 0.36 0.60 | 29.64 -0.14 2.59 | 23.46 -0.17 1.73 | 22.42 -0.11 0.99 | 13.09 -0.10 2.94 | -6.55 -0.02 -1.76 | 27.86 0.04 0.37 | 45.11 -0.06 -0.33 | 35.54 -0.26 -0.64 | 35.31 -0.01 -0.19 | 23.92 0.01 0.34 | 7.80 -0.04 1.32 |
| NEG NORTH___LWR_SARANAC 23913 | 38.79 -0.33 0.00 | 4.51 -0.12 0.00 | 7.33 -0.14 0.00 | 13.29 -0.06 0.00 | 13.09 -0.21 0.00 | 24.73 -0.03 0.00 | 24.64 0.10 0.11 | 57.53 0.59 0.25 | 24.78 0.04 5.03 | 35.40 0.11 3.14 | 44.35 0.45 0.16 | 30.21 0.37 3.58 | 49.14 0.36 0.60 | 29.64 -0.14 2.59 | 23.46 -0.17 1.73 | 22.42 -0.11 0.99 | 13.09 -0.10 2.94 | -6.55 -0.02 -1.76 | 27.86 0.04 0.37 | 45.11 -0.06 -0.33 | 35.54 -0.26 -0.64 | 35.31 -0.01 -0.19 | 23.92 0.01 0.34 | 7.80 -0.04 1.32 |
| NEG NORTH___PLATTSBURG 23628 | 38.79 -0.33 0.00 | 4.51 -0.12 0.00 | 7.33 -0.14 0.00 | 13.29 -0.06 0.00 | 13.09 -0.21 0.00 | 24.73 -0.03 0.00 | 24.64 0.10 0.11 | 57.53 0.59 0.25 | 24.78 0.04 5.03 | 35.40 0.11 3.14 | 44.35 0.45 0.16 | 30.21 0.37 3.58 | 49.14 0.36 0.60 | 29.64 -0.14 2.59 | 23.46 -0.17 1.73 | 22.42 -0.11 0.99 | 13.09 -0.10 2.94 | -6.55 -0.02 -1.76 | 27.86 0.04 0.37 | 45.11 -0.06 -0.33 | 35.54 -0.26 -0.64 | 35.31 -0.01 -0.19 | 23.92 0.01 0.34 | 7.80 -0.04 1.32 |
| NEG WEST_LEA_LOCKPORT 23791 | 39.02 -0.75 -0.65 | 10.80 0.06 -6.11 | 13.39 0.06 -5.87 | 17.27 0.03 -3.90 | 17.14 -0.01 -3.85 | 26.66 -0.61 -2.51 | 25.67 -1.25 -2.27 | 61.57 -2.38 -6.75 | 35.89 -1.57 -7.69 | 41.36 -1.88 -4.81 | 41.98 -2.32 -0.24 | 36.88 -1.88 -5.34 | 47.92 -2.82 -1.37 | 34.39 -1.99 -4.01 | 29.27 -1.70 -5.62 | 27.21 -1.74 -5.42 | 23.84 -0.99 -8.69 | 16.03 0.46 -23.86 | 35.39 -1.56 -8.76 | 43.21 -2.32 -0.69 | 39.20 -1.39 -5.43 | 35.22 -1.54 -1.63 | 25.51 -1.47 -2.72 | 12.85 -0.57 -4.26 |
| NEG WEST___LANCASTR 23811 | 40.69 0.84 -0.73 | 11.72 0.22 -6.87 | 14.37 0.31 -6.60 | 18.24 0.51 -4.38 | 18.11 0.48 -4.33 | 28.09 0.52 -2.81 | 27.33 0.12 -2.56 | 113.30 1.10 -55.01 | 38.87 0.14 -8.96 | 44.23 0.22 -5.58 | 44.18 -0.15 -0.28 | 39.68 0.04 -6.22 | 54.05 0.13 -4.55 | 36.99 -0.09 -4.71 | 31.62 -0.21 -6.47 | 29.48 -0.34 -6.30 | 31.42 -0.03 -15.31 | 19.16 -0.03 -27.48 | 51.16 0.10 -22.87 | 76.81 0.37 -31.60 | 42.11 0.74 -6.20 | 37.47 0.52 -1.82 | 28.39 0.00 -4.13 | 14.05 0.00 -4.89 |
| NEG_PENN_ALLEGHNY 23528 | 41.34 0.81 -1.41 | 18.00 0.12 -13.26 | 20.40 0.20 -12.73 | 22.12 0.31 -8.45 | 22.00 0.35 -8.35 | 30.82 0.63 -5.43 | 30.23 0.60 -4.98 | 61.75 1.68 -2.88 | 49.72 0.77 -19.18 | 51.40 0.99 -11.98 | 45.63 0.98 -0.60 | 47.88 0.82 -13.64 | 53.07 1.32 -2.38 | 43.17 0.79 -10.01 | 39.21 0.60 -13.24 | 36.62 0.56 -12.54 | 38.45 0.43 -21.88 | 44.12 -0.23 -52.64 | 45.54 0.76 -16.59 | 53.52 1.29 -7.39 | 48.12 1.09 -11.86 | 39.62 0.95 -3.54 | 30.68 0.56 -5.86 | 19.34 0.20 -9.99 |
| NEG___GEN_MONROE 24207 | 40.18 0.55 -0.51 | 9.59 0.14 -4.83 | 12.34 0.25 -4.63 | 16.81 0.38 -3.08 | 16.74 0.40 -3.04 | 27.17 0.44 -1.98 | 26.46 0.03 -1.78 | 57.68 0.38 -0.11 | 35.66 0.16 -5.73 | 42.31 0.30 -3.58 | 44.45 0.21 -0.18 | 37.56 0.05 -4.08 | 49.95 -0.09 -0.68 | 35.45 0.08 -2.99 | 29.66 0.00 -4.30 | 27.64 -0.10 -4.21 | 23.07 0.05 -6.88 | 10.55 -0.07 -18.91 | 33.91 0.19 -5.54 | 46.64 0.32 -1.48 | 39.93 0.45 -4.31 | 36.65 0.23 -1.29 | 26.13 -0.12 -1.98 | 12.35 -0.07 -3.27 |
| NEPA___ENERGY 23901 | 40.32 0.47 -0.73 | 11.67 0.16 -6.88 | 14.31 0.24 -6.61 | 18.07 0.33 -4.39 | 17.97 0.34 -4.33 | 27.84 0.26 -2.82 | 27.02 -0.19 -2.56 | 91.39 0.72 -33.48 | 38.53 -0.16 -8.93 | 43.86 -0.14 -5.57 | 43.67 -0.66 -0.28 | 39.28 -0.34 -6.20 | 52.26 -0.20 -3.09 | 36.48 -0.57 -4.67 | 31.25 -0.56 -6.45 | 29.16 -0.60 -6.24 | 29.97 -0.21 -14.05 | 19.02 0.08 -27.23 | 44.89 -0.31 -17.02 | 68.76 -0.03 -23.95 | 41.67 0.35 -6.17 | 37.05 0.10 -1.83 | 27.64 -0.25 -3.62 | 13.96 -0.08 -4.88 |
| NEVERSINK___HYD 23608 | 47.30 4.56 -3.62 | 39.32 0.57 -34.12 | 41.16 0.92 -32.78 | 36.73 1.62 -21.75 | 36.45 1.65 -21.50 | 42.00 3.26 -13.98 | 40.94 3.43 -12.86 | 67.89 8.16 -2.54 | 84.16 4.23 -50.16 | 72.46 5.44 -28.59 | 46.11 6.11 4.06 | 73.83 4.69 -35.72 | 62.39 7.01 -6.01 | 63.53 4.67 -26.49 | 60.64 3.68 -31.60 | 55.58 3.42 -28.64 | 70.46 2.38 -51.95 | 98.89 -1.24 -108.42 | 67.34 4.24 -34.92 | 64.02 6.69 -12.49 | 64.35 5.23 -23.96 | 47.26 4.98 -7.14 | 40.62 3.29 -13.07 | 35.24 1.18 -24.90 |
| NEWTON___FALLS_HYD 23847 | 38.51 -0.61 0.00 | 4.51 -0.11 0.00 | 7.26 -0.20 0.00 | 13.02 -0.34 0.00 | 13.01 -0.28 0.00 | 24.30 -0.46 0.00 | 24.16 -0.39 0.10 | 56.25 -0.71 0.23 | 24.75 -0.43 4.59 | 35.02 -0.55 2.86 | 43.53 -0.38 0.14 | 29.72 -0.43 3.27 | 48.06 -0.77 0.54 | 29.15 -0.74 2.48 | 23.29 -0.67 1.39 | 22.35 -0.66 0.50 | 13.23 -0.49 2.42 | -2.63 0.24 -5.42 | 27.95 -0.74 -0.51 | 44.47 -1.17 -0.80 | 35.58 -1.11 -1.53 | 34.67 -0.92 -0.46 | 23.50 -0.67 0.09 | 7.64 -0.30 1.21 |
| NIAGARA_115E_LBMP 323715 | 38.29 -1.48 -0.66 | 10.82 -0.02 -6.21 | 13.35 -0.08 -5.97 | 17.09 -0.22 -3.96 | 16.94 -0.27 -3.92 | 26.21 -1.10 -2.54 | 25.15 -1.81 -2.31 | 32.91 -3.72 20.56 | 35.22 -2.36 -7.81 | 40.45 -2.88 -4.89 | 41.00 -3.31 -0.25 | 36.09 -2.75 -5.42 | 44.89 -4.00 0.48 | 33.61 -2.82 -4.06 | 28.69 -2.37 -5.70 | 26.67 -2.34 -5.48 | 22.46 -1.40 -7.73 | 16.45 0.67 -24.07 | 27.54 -2.23 -1.58 | 34.79 -3.39 6.66 | 38.36 -2.29 -5.48 | 34.41 -2.37 -1.65 | 24.31 -2.06 -2.10 | 12.70 -0.77 -4.32 |
| NIAGARA_115W_LBMP 323714 | 38.32 -1.46 -0.66 | 10.83 -0.01 -6.21 | 13.36 -0.07 -5.96 | 17.12 -0.19 -3.96 | 16.99 -0.22 -3.91 | 26.22 -1.09 -2.54 | 25.17 -1.78 -2.30 | 32.77 -3.86 20.56 | 35.29 -2.24 -7.77 | 40.55 -2.75 -4.86 | 40.98 -3.32 -0.25 | 36.18 -2.60 -5.36 | 44.94 -3.97 0.46 | 33.71 -2.73 -4.06 | 28.77 -2.27 -5.68 | 26.74 -2.27 -5.48 | 22.48 -1.37 -7.72 | 16.39 0.65 -24.02 | 27.51 -2.29 -1.61 | 34.74 -3.46 6.64 | 38.44 -2.20 -5.48 | 34.47 -2.30 -1.64 | 24.37 -1.99 -2.10 | 12.71 -0.76 -4.31 |
| NIAGARA_230_LBMP 323716 | 38.67 -1.10 -0.65 | 10.80 0.02 -6.15 | 13.36 -0.01 -5.91 | 17.19 -0.08 -3.92 | 17.07 -0.11 -3.88 | 26.43 -0.85 -2.52 | 25.44 -1.50 -2.29 | 33.51 -3.10 20.58 | 35.67 -1.85 -7.75 | 41.03 -2.25 -4.84 | 41.47 -2.83 -0.24 | 36.62 -2.14 -5.34 | 45.53 -3.36 0.48 | 34.13 -2.28 -4.04 | 29.09 -1.92 -5.66 | 27.04 -1.94 -5.46 | 22.69 -1.15 -7.70 | 16.25 0.54 -24.00 | 27.88 -1.90 -1.59 | 35.33 -2.85 6.66 | 38.90 -1.72 -5.46 | 34.88 -1.88 -1.63 | 24.68 -1.67 -2.08 | 12.81 -0.64 -4.29 |
| NIAGARA____ 23760 | 38.37 -1.40 -0.66 | 10.82 -0.02 -6.21 | 13.35 -0.08 -5.97 | 17.10 -0.21 -3.96 | 16.96 -0.25 -3.91 | 26.25 -1.05 -2.54 | 25.28 -1.68 -2.30 | 33.15 -3.47 20.57 | 35.39 -2.16 -7.78 | 40.70 -2.61 -4.87 | 41.25 -3.05 -0.24 | 36.30 -2.49 -5.38 | 45.23 -3.67 0.47 | 33.84 -2.59 -4.05 | 28.85 -2.18 -5.68 | 26.82 -2.18 -5.48 | 22.55 -1.31 -7.72 | 16.38 0.63 -24.04 | 27.67 -2.10 -1.59 | 35.04 -3.15 6.66 | 38.60 -2.03 -5.47 | 34.66 -2.11 -1.64 | 24.48 -1.88 -2.10 | 12.75 -0.72 -4.31 |
| NINE_MILE_1 23575 | 38.54 -0.87 -0.28 | 7.23 -0.08 -2.69 | 9.90 -0.14 -2.58 | 14.80 -0.26 -1.71 | 14.74 -0.25 -1.69 | 25.33 -0.53 -1.10 | 24.97 -0.61 -0.92 | 55.71 -1.48 0.00 | 29.07 -0.70 0.00 | 37.49 -0.95 0.00 | 42.91 -1.14 0.00 | 32.60 -0.83 0.00 | 48.04 -1.33 0.00 | 31.65 -0.77 -0.04 | 25.93 -0.59 -1.16 | 24.45 -0.57 -1.50 | 17.60 -0.36 -1.83 | 1.88 0.18 -9.98 | 29.99 -0.68 -2.49 | 44.96 -1.14 -1.25 | 36.72 -0.84 -2.40 | 34.93 -0.91 -0.72 | 24.41 -0.62 -0.77 | 9.88 -0.21 -0.94 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|--------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NINE_MILE_2 23744 | 38.53 -0.87 -0.28 | 7.22 -0.08 -2.68 | 9.90 -0.14 -2.57 | 14.80 -0.26 -1.71 | 14.74 -0.25 -1.69 | 25.33 -0.53 -1.10 | 24.96 -0.61 -0.92 | 55.71 -1.48 0.00 | 29.07 -0.70 0.00 | 37.49 -0.94 0.00 | 42.91 -1.14 0.00 | 32.60 -0.83 0.00 | 48.05 -1.32 0.00 | 31.64 -0.77 -0.04 | 25.93 -0.59 -1.15 | 24.45 -0.57 -1.49 | 17.60 -0.36 -1.82 | 1.86 0.18 -9.96 | 29.99 -0.68 -2.48 | 44.96 -1.14 -1.25 | 36.72 -0.83 -2.40 | 34.93 -0.91 -0.71 | 24.41 -0.62 -0.76 | 9.88 -0.21 -0.94 |
| NM_CAPITAL___DRP 24208 | 49.06 1.90 -8.04 | 59.85 0.22 -55.01 | 60.65 0.35 -52.84 | 49.08 0.66 -35.07 | 48.66 0.70 -34.66 | 48.62 1.33 -22.53 | 47.50 1.31 -21.53 | 66.02 2.95 -5.87 | 150.12 1.55 -118.80 | 117.35 1.95 -76.96 | 55.58 2.18 -9.35 | 119.71 1.67 -84.62 | 65.79 2.50 -13.93 | 94.81 1.64 -60.80 | 85.25 1.27 -58.62 | 72.18 1.16 -47.49 | 114.24 0.81 -97.30 | 116.73 -0.41 -125.43 | 79.16 1.39 -49.59 | 60.19 2.19 -13.16 | 62.14 1.73 -25.26 | 44.41 1.75 -7.53 | 46.12 1.24 -20.62 | 57.17 0.47 -47.54 |
| NM_CENTRAL___DRP 24181 | 39.40 -0.10 -0.38 | 8.24 0.01 -3.61 | 10.94 0.01 -3.46 | 15.65 0.00 -2.30 | 15.59 0.02 -2.27 | 26.22 -0.01 -1.48 | 25.84 -0.05 -1.24 | 57.10 -0.09 0.00 | 29.78 0.01 0.00 | 38.42 -0.01 0.00 | 43.96 -0.09 0.00 | 33.39 -0.03 0.00 | 49.26 -0.11 0.00 | 32.44 0.01 -0.06 | 27.03 0.00 -1.67 | 25.66 -0.02 -2.16 | 18.79 0.02 -2.63 | 6.07 -0.02 -14.38 | 31.77 0.01 -3.58 | 46.60 -0.05 -1.80 | 38.64 0.02 -3.46 | 36.05 -0.11 -1.03 | 25.26 -0.11 -1.10 | 10.43 -0.03 -1.30 |
| NM_FRONTIER___DRP 24179 | 38.32 -1.46 -0.66 | 10.83 -0.01 -6.21 | 13.36 -0.07 -5.96 | 17.12 -0.19 -3.96 | 16.99 -0.22 -3.91 | 26.22 -1.09 -2.54 | 25.17 -1.78 -2.30 | 32.77 -3.86 20.56 | 35.29 -2.24 -7.77 | 40.55 -2.75 -4.86 | 40.98 -3.32 -0.25 | 36.18 -2.60 -5.36 | 44.94 -3.97 0.46 | 33.71 -2.73 -4.06 | 28.77 -2.27 -5.68 | 26.74 -2.27 -5.48 | 22.48 -1.37 -7.72 | 16.39 0.65 -24.02 | 27.51 -2.29 -1.61 | 34.74 -3.46 6.64 | 38.44 -2.20 -5.48 | 34.47 -2.30 -1.64 | 24.37 -1.99 -2.10 | 12.71 -0.76 -4.31 |
| NM_ST_REGIS___HYD 24053 | 38.04 -1.08 0.00 | 4.44 -0.18 0.00 | 7.17 -0.29 0.00 | 12.92 -0.43 0.00 | 12.82 -0.48 0.00 | 23.98 -0.78 0.00 | 23.68 -0.87 0.11 | 55.13 -1.82 0.24 | 23.73 -1.17 4.87 | 33.99 -1.40 3.04 | 42.82 -1.08 0.15 | 28.90 -1.05 3.47 | 47.16 -1.63 0.58 | 28.41 -1.42 2.55 | 22.59 -1.16 1.61 | 21.67 -1.03 0.82 | 12.62 -0.76 2.75 | -4.84 0.37 -3.07 | 26.93 -1.20 0.05 | 43.42 -1.92 -0.50 | 34.26 -1.85 -0.96 | 34.01 -1.40 -0.29 | 23.09 -0.92 0.25 | 7.47 -0.40 1.28 |
| NORTHPORT___1 23551 | 63.98 3.76 -21.09 | 45.12 0.43 -40.07 | 46.68 0.74 -38.49 | 40.24 1.35 -25.54 | 40.00 1.46 -25.25 | 43.99 2.82 -16.41 | 42.69 2.96 -15.08 | 66.92 6.79 -2.93 | 96.02 3.87 -62.38 | 94.30 5.07 -50.80 | 75.61 5.35 -26.20 | 81.83 3.98 -44.43 | 62.56 6.24 -6.96 | 67.05 4.08 -30.60 | 64.34 3.35 -35.63 | 71.99 3.15 -45.32 | 87.25 2.18 -68.94 | 123.43 -1.11 -132.83 | 191.91 3.77 -159.95 | 63.70 5.58 -13.28 | 64.58 4.60 -24.81 | 46.77 4.04 -7.60 | 41.55 2.88 -14.40 | 38.74 1.11 -28.47 |
| NORTHPORT___2 23552 | 63.98 3.76 -21.09 | 45.12 0.43 -40.07 | 46.68 0.74 -38.49 | 40.24 1.35 -25.54 | 40.00 1.46 -25.25 | 43.99 2.82 -16.41 | 42.69 2.96 -15.08 | 66.92 6.79 -2.93 | 96.02 3.87 -62.38 | 94.30 5.07 -50.80 | 75.61 5.35 -26.20 | 81.83 3.98 -44.43 | 62.56 6.24 -6.96 | 67.05 4.08 -30.60 | 64.34 3.35 -35.63 | 71.99 3.15 -45.32 | 87.25 2.18 -68.94 | 123.43 -1.11 -132.83 | 191.91 3.77 -159.95 | 63.70 5.58 -13.28 | 64.58 4.60 -24.81 | 46.77 4.04 -7.60 | 41.55 2.88 -14.40 | 38.74 1.11 -28.47 |
| NORTHPORT___3 23553 | 64.00 3.79 -21.09 | 45.12 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 39.96 1.42 -25.25 | 43.95 2.78 -16.41 | 42.66 2.93 -15.08 | 66.92 6.79 -2.93 | 95.99 3.84 -62.38 | 94.27 5.04 -50.80 | 75.62 5.35 -26.21 | 81.74 3.88 -44.43 | 62.38 6.05 -6.96 | 66.94 3.98 -30.60 | 64.23 3.25 -35.63 | 71.88 3.04 -45.32 | 87.19 2.11 -68.94 | 128.69 -1.08 -138.06 | 198.40 3.62 -166.60 | 63.58 5.46 -13.28 | 70.72 4.36 -31.21 | 46.64 3.92 -7.60 | 41.42 2.75 -14.40 | 38.65 1.03 -28.47 |
| NORTHPORT___4 23650 | 64.00 3.79 -21.09 | 45.12 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 39.96 1.42 -25.25 | 43.95 2.78 -16.41 | 42.66 2.93 -15.08 | 66.92 6.79 -2.93 | 95.99 3.84 -62.38 | 94.27 5.04 -50.80 | 75.62 5.35 -26.21 | 81.74 3.88 -44.43 | 62.38 6.05 -6.96 | 66.94 3.98 -30.60 | 64.23 3.25 -35.63 | 71.88 3.04 -45.32 | 87.19 2.11 -68.94 | 128.69 -1.08 -138.06 | 198.40 3.62 -166.60 | 63.58 5.46 -13.28 | 70.72 4.36 -31.21 | 46.64 3.92 -7.60 | 41.42 2.75 -14.40 | 38.65 1.03 -28.47 |
| NORTHPORT___IC 23718 | 63.98 3.76 -21.09 | 45.12 0.43 -40.07 | 46.68 0.74 -38.49 | 40.24 1.35 -25.54 | 40.00 1.46 -25.25 | 43.99 2.82 -16.41 | 42.69 2.96 -15.08 | 66.92 6.79 -2.93 | 96.02 3.87 -62.38 | 94.30 5.07 -50.80 | 75.61 5.35 -26.20 | 81.83 3.98 -44.43 | 62.56 6.24 -6.96 | 67.05 4.08 -30.60 | 64.34 3.35 -35.63 | 71.99 3.15 -45.32 | 87.25 2.18 -68.94 | 123.43 -1.11 -132.83 | 191.91 3.77 -159.95 | 63.70 5.58 -13.28 | 64.58 4.60 -24.81 | 46.77 4.04 -7.60 | 41.55 2.88 -14.40 | 38.74 1.11 -28.47 |
| NPX_GEN_1385_PROXY 323591 | 63.27 3.06 -21.09 | 45.03 0.34 -40.07 | 46.68 0.74 -38.49 | 40.34 1.45 -25.54 | 40.11 1.56 -25.25 | 44.18 3.01 -16.41 | 42.71 2.98 -15.08 | 67.36 7.23 -2.93 | 96.30 4.15 -62.38 | 94.56 5.33 -50.80 | 75.14 4.88 -26.20 | 81.46 3.61 -44.43 | 62.01 5.69 -6.96 | 66.72 3.75 -30.60 | 64.27 3.28 -35.63 | 71.82 2.98 -45.32 | 87.14 2.06 -68.94 | 123.43 -1.11 -132.83 | 191.82 3.68 -159.95 | 63.05 4.93 -13.28 | 64.05 4.08 -24.81 | 46.14 3.41 -7.60 | 41.13 2.46 -14.40 | 38.68 1.05 -28.47 |
| NPX_GEN_CSC 323557 | 63.44 3.22 -21.09 | 45.05 0.36 -40.07 | 46.55 0.60 -38.49 | 40.00 1.11 -25.54 | 39.89 1.34 -25.25 | 43.80 2.63 -16.41 | 42.61 2.88 -15.08 | 66.40 6.28 -2.93 | 96.04 3.89 -62.38 | 94.41 5.18 -50.80 | 76.45 6.18 -26.21 | 82.42 4.56 -44.43 | 63.23 6.91 -6.96 | 67.46 4.49 -30.60 | 64.65 3.66 -35.63 | 72.47 3.63 -45.32 | 87.63 2.55 -68.94 | 175.92 -1.29 -185.50 | 331.33 4.35 -298.80 | 64.40 6.27 -13.29 | 129.66 5.38 -89.13 | 47.42 4.69 -7.60 | 42.05 3.38 -14.40 | 38.88 1.25 -28.47 |
| NSINS_S___GLNS_FALLS 23858 | 50.64 3.24 -8.29 | 63.74 0.39 -58.73 | 64.49 0.62 -56.41 | 51.87 1.08 -37.44 | 51.29 0.98 -37.01 | 50.42 1.60 -24.06 | 49.59 1.63 -23.31 | 68.25 4.08 -6.98 | 173.27 2.20 -141.30 | 132.28 2.78 -91.06 | 56.91 3.20 -9.65 | 136.78 2.43 -100.93 | 69.53 3.53 -16.63 | 107.30 2.44 -72.49 | 93.80 1.74 -66.70 | 77.48 1.52 -52.43 | 128.19 1.09 -110.97 | 112.32 -0.59 -121.20 | 82.27 1.99 -52.10 | 60.04 3.06 -12.14 | 60.65 2.20 -23.29 | 44.21 2.14 -6.94 | 48.34 1.65 -22.43 | 64.17 0.78 -54.23 |
| NUCOR_STEEL___DRP 24197 | 40.16 0.51 -0.53 | 9.70 0.09 -4.98 | 12.40 0.16 -4.78 | 16.78 0.25 -3.17 | 16.65 0.21 -3.14 | 27.11 0.31 -2.04 | 26.76 0.26 -1.84 | 58.40 0.92 -0.28 | 36.04 0.54 -5.73 | 42.51 0.49 -3.58 | 44.88 0.65 -0.18 | 37.91 0.40 -4.09 | 50.76 0.71 -0.68 | 35.96 0.59 -2.99 | 30.20 0.44 -4.40 | 28.13 0.27 -4.34 | 23.53 0.22 -7.17 | 11.39 -0.12 -19.80 | 34.39 0.40 -5.81 | 48.01 0.81 -2.36 | 40.25 0.56 -4.53 | 37.00 0.53 -1.35 | 26.63 0.32 -2.05 | 12.60 0.11 -3.33 |
| NYISO_LBMP_REFERENCE 24008 | 39.12 0.00 0.00 | 4.63 0.00 0.00 | 7.46 0.00 0.00 | 13.35 0.00 0.00 | 13.30 0.00 0.00 | 24.76 0.00 0.00 | 24.65 0.00 0.00 | 57.19 0.00 0.00 | 29.77 0.00 0.00 | 38.44 0.00 0.00 | 44.06 0.00 0.00 | 33.42 0.00 0.00 | 49.37 0.00 0.00 | 32.37 0.00 0.00 | 25.36 0.00 0.00 | 23.52 0.00 0.00 | 16.14 0.00 0.00 | -8.29 0.00 0.00 | 28.18 0.00 0.00 | 44.84 0.00 0.00 | 35.16 0.00 0.00 | 35.13 0.00 0.00 | 24.26 0.00 0.00 | 9.16 0.00 0.00 |

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| NYPA_BRENTWD____GT 24164 | 64.32 4.11 -21.09 | 45.16 0.47 -40.07 | 46.74 0.78 -38.49 | 40.32 1.43 -25.54 | 40.09 1.55 -25.25 | 44.20 3.03 -16.41 | 42.94 3.21 -15.08 | 67.54 7.42 -2.93 | 96.38 4.23 -62.38 | 94.79 5.56 -50.80 | 76.21 5.95 -26.21 | 82.37 4.51 -44.43 | 63.32 6.99 -6.96 | 67.52 4.55 -30.60 | 64.68 3.69 -35.63 | 72.35 3.51 -45.32 | 87.51 2.44 -68.94 | 138.56 -1.23 -148.08 | 231.83 4.16 -199.48 | 64.41 6.28 -13.28 | 83.81 5.22 -43.44 | 47.34 4.61 -7.60 | 41.91 3.25 -14.40 | 38.84 1.21 -28.47 |
| NYPA_GOWANUS____GT5 24156 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.08 3.58 -44.08 | 62.18 5.86 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.56 3.32 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NYPA_GOWANUS____GT6 24157 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.08 3.58 -44.08 | 62.18 5.86 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.34 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.56 3.32 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |
| NYPA_HARLEM__RVR__GT1 24160 | 65.41 3.52 -22.77 | 45.07 0.43 -40.01 | 46.60 0.70 -38.44 | 40.09 1.24 -25.51 | 39.76 1.25 -25.22 | 43.70 2.55 -16.39 | 42.39 2.68 -15.06 | 66.38 6.26 -2.93 | 94.99 3.33 -61.89 | 91.79 4.27 -49.08 | 72.08 4.73 -23.30 | 81.07 3.57 -44.08 | 62.09 5.77 -6.95 | 66.67 3.74 -30.55 | 63.76 2.97 -35.43 | 58.00 2.77 -31.71 | 76.35 1.90 -58.32 | 106.79 -0.97 -116.04 | 69.50 3.26 -38.05 | 63.34 5.23 -13.27 | 64.77 4.14 -25.46 | 46.70 3.98 -7.59 | 41.34 2.69 -14.39 | 38.52 0.93 -28.44 |
| NYPA_HARLEM__RVR__GT2 24161 | 65.41 3.52 -22.77 | 45.07 0.43 -40.01 | 46.60 0.70 -38.44 | 40.09 1.24 -25.51 | 39.76 1.25 -25.22 | 43.70 2.55 -16.39 | 42.39 2.68 -15.06 | 66.38 6.26 -2.93 | 94.99 3.33 -61.89 | 91.79 4.27 -49.08 | 72.08 4.73 -23.30 | 81.07 3.57 -44.08 | 62.09 5.77 -6.95 | 66.67 3.74 -30.55 | 63.76 2.97 -35.43 | 58.00 2.77 -31.71 | 76.35 1.90 -58.32 | 106.79 -0.97 -116.04 | 69.50 3.26 -38.05 | 63.34 5.23 -13.27 | 64.77 4.14 -25.46 | 46.70 3.98 -7.59 | 41.34 2.69 -14.39 | 38.52 0.93 -28.44 |
| NYPA_KENT____GT 24152 | 65.15 3.26 -22.77 | 45.06 0.42 -40.01 | 46.57 0.67 -38.44 | 40.05 1.19 -25.51 | 39.71 1.20 -25.22 | 43.61 2.46 -16.39 | 42.34 2.63 -15.06 | 66.27 6.15 -2.93 | 94.91 3.25 -61.89 | 91.76 4.24 -49.08 | 72.05 4.70 -23.30 | 81.03 3.53 -44.08 | 62.08 5.76 -6.95 | 66.66 3.73 -30.55 | 63.73 2.94 -35.43 | 57.98 2.75 -31.71 | 76.33 1.88 -58.32 | 106.80 -0.96 -116.04 | 69.49 3.26 -38.05 | 63.35 5.24 -13.27 | 64.82 4.20 -25.47 | 46.76 4.04 -7.60 | 41.38 2.73 -14.39 | 38.55 0.95 -28.44 |
| NYPA_POUCH1____GT 24155 | 65.00 3.12 -22.77 | 45.06 0.42 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.18 -25.22 | 43.60 2.45 -16.39 | 42.27 2.56 -15.06 | 66.13 6.01 -2.93 | 94.83 3.17 -61.89 | 91.69 4.17 -49.08 | 71.93 4.57 -23.30 | 80.97 3.47 -44.08 | 62.05 5.73 -6.95 | 66.60 3.68 -30.55 | 63.71 2.92 -35.43 | 57.94 2.71 -31.71 | 76.28 1.82 -58.32 | 106.82 -0.93 -116.04 | 69.49 3.25 -38.05 | 63.36 5.25 -13.27 | 64.89 4.26 -25.47 | 46.83 4.11 -7.60 | 41.42 2.77 -14.39 | 38.56 0.97 -28.44 |
| NYPA_VERNON____GT2 24162 | 65.15 3.25 -22.77 | 45.06 0.42 -40.01 | 46.56 0.67 -38.44 | 40.04 1.18 -25.51 | 39.70 1.18 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.98 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.64 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.93 -28.44 |
| NYPA_VERNON____GT3 24163 | 65.15 3.25 -22.77 | 45.06 0.42 -40.01 | 46.56 0.67 -38.44 | 40.04 1.18 -25.51 | 39.70 1.18 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.98 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.64 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.93 -28.44 |
| NYPA__ASTORIA_CC1 323568 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| NYPA__ASTORIA_CC2 323569 | 65.11 3.22 -22.77 | 45.05 0.41 -40.01 | 46.56 0.66 -38.44 | 40.04 1.18 -25.51 | 39.70 1.19 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.17 6.05 -2.93 | 94.86 3.21 -61.89 | 91.67 4.15 -49.08 | 71.95 4.60 -23.30 | 80.96 3.46 -44.08 | 61.93 5.62 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.93 2.70 -31.71 | 76.30 1.84 -58.32 | 106.82 -0.94 -116.04 | 69.41 3.17 -38.05 | 63.18 5.07 -13.27 | 64.67 4.05 -25.46 | 46.62 3.90 -7.59 | 41.29 2.64 -14.39 | 38.51 0.92 -28.44 |
| NYPA__HOLTSVILL 23794 | 63.92 3.71 -21.09 | 45.11 0.42 -40.07 | 46.65 0.71 -38.49 | 40.18 1.29 -25.54 | 39.98 1.43 -25.25 | 43.98 2.81 -16.41 | 42.74 3.01 -15.08 | 67.00 6.87 -2.93 | 96.16 4.01 -62.38 | 94.53 5.29 -50.80 | 76.16 5.89 -26.21 | 82.22 4.37 -44.43 | 63.03 6.70 -6.96 | 67.33 4.36 -30.60 | 64.54 3.55 -35.63 | 72.25 3.41 -45.32 | 87.46 2.38 -68.94 | 177.48 -1.21 -186.98 | 335.08 4.15 -302.75 | 64.32 6.18 -13.29 | 131.22 5.13 -90.94 | 47.22 4.49 -7.60 | 41.86 3.19 -14.40 | 38.81 1.19 -28.47 |
| NYPA__HELLGATE_GT1 24158 | 65.36 3.47 -22.77 | 45.07 0.43 -40.01 | 46.60 0.70 -38.44 | 40.09 1.24 -25.51 | 39.77 1.25 -25.22 | 43.70 2.55 -16.39 | 42.39 2.68 -15.06 | 66.38 6.26 -2.93 | 94.99 3.33 -61.89 | 91.76 4.24 -49.08 | 72.01 4.66 -23.30 | 81.02 3.52 -44.08 | 62.08 5.76 -6.95 | 66.67 3.74 -30.55 | 63.76 2.97 -35.43 | 58.00 2.77 -31.71 | 76.34 1.89 -58.32 | 106.80 -0.96 -116.04 | 69.46 3.23 -38.05 | 63.32 5.21 -13.27 | 64.77 4.14 -25.46 | 46.70 3.98 -7.59 | 41.34 2.69 -14.39 | 38.52 0.93 -28.44 |
| NYPA__HELLGATE_GT2 24159 | 65.36 3.47 -22.77 | 45.07 0.43 -40.01 | 46.60 0.70 -38.44 | 40.09 1.24 -25.51 | 39.77 1.25 -25.22 | 43.70 2.55 -16.39 | 42.39 2.68 -15.06 | 66.38 6.26 -2.93 | 94.99 3.33 -61.89 | 91.76 4.24 -49.08 | 72.01 4.66 -23.30 | 81.02 3.52 -44.08 | 62.08 5.76 -6.95 | 66.67 3.74 -30.55 | 63.76 2.97 -35.43 | 58.00 2.77 -31.71 | 76.34 1.89 -58.32 | 106.80 -0.96 -116.04 | 69.46 3.23 -38.05 | 63.32 5.21 -13.27 | 64.77 4.14 -25.46 | 46.70 3.98 -7.59 | 41.34 2.69 -14.39 | 38.52 0.93 -28.44 |
| NYS_BARGE__HYD 23848 | 39.00 -0.77 -0.64 | 10.75 0.06 -6.06 | 13.34 0.06 -5.82 | 17.23 0.02 -3.86 | 17.10 -0.02 -3.82 | 26.63 -0.61 -2.48 | 25.65 -1.26 -2.25 | 54.56 -2.38 0.25 | 35.80 -1.59 -7.61 | 41.30 -1.89 -4.76 | 42.00 -2.30 -0.24 | 36.82 -1.89 -5.29 | 47.44 -2.80 -0.87 | 34.35 -1.99 -3.97 | 29.21 -1.72 -5.56 | 27.16 -1.73 -5.37 | 23.66 -0.99 -8.52 | 15.82 0.46 -23.65 | 33.52 -1.54 -6.88 | 42.34 -2.31 0.20 | 39.13 -1.41 -5.38 | 35.20 -1.55 -1.61 | 25.30 -1.49 -2.52 | 12.81 -0.57 -4.22 |

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| OAK ORCHARD___HYD 24046 | 39.84 0.21 -0.51 | 9.49 0.09 -4.77 | 12.18 0.13 -4.58 | 16.60 0.21 -3.04 | 16.53 0.22 -3.00 | 26.85 0.14 -1.95 | 26.33 -0.08 -1.76 | 57.34 0.06 -0.09 | 35.44 0.03 -5.64 | 42.06 0.10 -3.52 | 44.21 -0.02 -0.18 | 37.33 -0.11 -4.03 | 49.68 -0.35 -0.67 | 35.27 -0.05 -2.95 | 29.52 -0.09 -4.25 | 27.51 -0.17 -4.16 | 22.90 -0.02 -6.78 | 10.38 -0.03 -18.70 | 33.69 0.04 -5.47 | 46.31 0.07 -1.39 | 39.68 0.25 -4.27 | 36.45 0.04 -1.27 | 26.03 -0.19 -1.95 | 12.29 -0.09 -3.22 |
| OCC_CHEM___DRP 24175 | 38.50 -1.28 -0.66 | 10.86 0.01 -6.22 | 13.40 -0.04 -5.98 | 17.19 -0.13 -3.96 | 17.05 -0.17 -3.92 | 26.34 -0.97 -2.55 | 25.30 -1.67 -2.32 | 55.54 -3.57 -1.92 | 35.61 -2.09 -7.93 | 40.83 -2.56 -4.95 | 41.20 -3.11 -0.25 | 36.47 -2.43 -5.48 | 46.63 -3.75 -1.01 | 33.95 -2.56 -4.13 | 28.99 -2.14 -5.77 | 26.96 -2.16 -5.59 | 24.37 -1.29 -9.52 | 16.90 0.61 -24.57 | 33.32 -2.15 -7.28 | 44.98 -3.24 -3.39 | 38.71 -2.02 -5.57 | 34.65 -2.14 -1.66 | 25.03 -1.88 -2.64 | 12.82 -0.71 -4.37 |
| OH_GEN_PROXY 24063 | 38.72 -1.06 -0.65 | 10.79 0.02 -6.14 | 13.36 0.00 -5.90 | 17.20 -0.07 -3.91 | 17.07 -0.10 -3.87 | 26.47 -0.80 -2.52 | 25.50 -1.43 -2.28 | 36.43 -2.92 17.84 | 35.75 -1.76 -7.73 | 41.14 -2.14 -4.84 | 41.60 -2.70 -0.24 | 36.71 -2.04 -5.33 | 45.89 -3.18 0.30 | 34.24 -2.17 -4.03 | 29.17 -1.83 -5.65 | 27.12 -1.86 -5.46 | 22.90 -1.09 -7.85 | 16.20 0.52 -23.97 | 28.68 -1.81 -2.30 | 36.56 -2.69 5.59 | 39.01 -1.60 -5.46 | 34.99 -1.77 -1.63 | 24.82 -1.59 -2.14 | 12.83 -0.61 -4.28 |
| OLIN_CORP_DRP 24177 | 38.53 -1.26 -0.67 | 10.91 0.01 -6.28 | 13.46 -0.03 -6.03 | 17.22 -0.14 -4.00 | 17.08 -0.18 -3.96 | 26.39 -0.95 -2.57 | 25.36 -1.63 -2.34 | 13.06 -3.35 40.79 | 35.54 -2.10 -7.88 | 40.82 -2.56 -4.94 | 41.29 -3.02 -0.25 | 36.43 -2.46 -5.46 | 43.89 -3.66 1.82 | 33.89 -2.56 -4.08 | 28.95 -2.15 -5.74 | 26.87 -2.15 -5.50 | 21.43 -1.28 -6.58 | 16.41 0.61 -24.10 | 22.32 -2.05 3.82 | 27.52 -3.09 14.23 | 38.66 -2.00 -5.51 | 34.69 -2.11 -1.67 | 24.05 -1.87 -1.66 | 12.83 -0.71 -4.39 |
| OLIN_CORP_DSASP 323712 | 38.50 -1.28 -0.66 | 10.86 0.01 -6.22 | 13.40 -0.04 -5.98 | 17.19 -0.13 -3.96 | 17.05 -0.17 -3.92 | 26.34 -0.97 -2.55 | 25.30 -1.67 -2.32 | 55.54 -3.57 -1.92 | 35.61 -2.09 -7.93 | 40.83 -2.56 -4.95 | 41.20 -3.11 -0.25 | 36.47 -2.43 -5.48 | 46.63 -3.75 -1.01 | 33.95 -2.56 -4.13 | 28.99 -2.14 -5.77 | 26.96 -2.16 -5.59 | 24.37 -1.29 -9.52 | 16.90 0.61 -24.57 | 33.32 -2.15 -7.28 | 44.98 -3.24 -3.39 | 38.71 -2.02 -5.57 | 34.65 -2.14 -1.66 | 25.03 -1.88 -2.64 | 12.82 -0.71 -4.37 |
| ONEIDA_HERK_LFGE 323681 | 39.95 0.83 0.00 | 4.71 0.08 0.00 | 7.58 0.12 0.00 | 13.56 0.21 0.00 | 13.56 0.26 0.00 | 25.34 0.58 0.00 | 25.26 0.77 0.16 | 58.78 1.95 0.36 | 23.60 1.10 7.26 | 35.30 1.40 4.54 | 45.38 1.56 0.23 | 29.43 1.19 5.18 | 50.14 1.63 0.86 | 29.12 0.91 4.17 | 23.07 0.53 2.82 | 22.67 0.44 1.30 | 11.61 0.31 4.84 | -1.30 -0.17 -7.16 | 29.00 0.55 -0.26 | 46.82 0.87 -1.11 | 37.98 0.69 -2.13 | 36.37 0.61 -0.63 | 24.23 0.33 0.36 | 6.95 0.10 2.31 |
| ONONDAGA_REF_OCCRA 23987 | 39.76 0.16 -0.48 | 9.16 0.04 -4.49 | 11.84 0.06 -4.32 | 16.30 0.08 -2.87 | 16.24 0.11 -2.83 | 26.75 0.15 -1.84 | 26.32 0.13 -1.54 | 57.54 0.34 0.00 | 30.00 0.23 0.00 | 38.72 0.28 0.00 | 44.30 0.25 0.00 | 33.66 0.23 0.00 | 49.66 0.29 0.00 | 32.71 0.26 -0.07 | 27.57 0.20 -2.01 | 26.29 0.16 -2.60 | 19.46 0.15 -3.18 | 9.00 -0.08 -17.37 | 32.76 0.24 -4.33 | 47.36 0.35 -2.18 | 39.67 0.33 -4.18 | 36.56 0.19 -1.25 | 25.68 0.08 -1.33 | 10.79 0.03 -1.60 |
| ONONDAGA___COGEN 23986 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| ONTARIO___LFGE 23819 | 40.57 0.83 -0.62 | 10.65 0.14 -5.88 | 13.33 0.22 -5.65 | 17.45 0.36 -3.75 | 17.40 0.39 -3.70 | 27.81 0.65 -2.41 | 27.39 0.55 -2.18 | 59.22 1.67 -0.36 | 37.85 0.81 -7.27 | 43.98 1.00 -4.54 | 45.25 0.97 -0.23 | 39.35 0.76 -5.17 | 51.34 1.11 -0.86 | 36.92 0.75 -3.79 | 31.26 0.54 -5.37 | 29.20 0.45 -5.22 | 25.31 0.41 -8.77 | 14.65 -0.22 -23.16 | 35.83 0.76 -6.88 | 48.85 1.26 -2.75 | 41.53 1.10 -5.27 | 37.56 0.86 -1.57 | 27.13 0.42 -2.45 | 13.36 0.13 -4.06 |
| ORANGEVILLE_WT_PWR 323706 | 40.17 0.24 -0.80 | 12.31 0.14 -7.54 | 14.90 0.19 -7.25 | 18.41 0.25 -4.81 | 18.30 0.24 -4.75 | 27.87 0.02 -3.09 | 27.06 -0.40 -2.81 | 87.30 -0.40 -30.50 | 39.01 -0.67 -9.92 | 43.74 -0.89 -6.19 | 42.87 -1.49 -0.31 | 39.14 -1.22 -6.94 | 50.74 -1.73 -3.10 | 36.35 -1.20 -5.18 | 31.35 -1.12 -7.11 | 29.18 -1.20 -6.85 | 29.40 -0.64 -13.90 | 21.76 0.32 -29.73 | 44.16 -0.93 -16.90 | 61.16 -1.13 -17.45 | 41.47 -0.42 -6.73 | 36.60 -0.53 -2.00 | 27.53 -0.61 -3.87 | 14.33 -0.22 -5.39 |
| ORANGEVILLE___ESR 323794 | 40.17 0.24 -0.80 | 12.31 0.14 -7.54 | 14.90 0.19 -7.25 | 18.41 0.25 -4.81 | 18.30 0.24 -4.75 | 27.87 0.02 -3.09 | 27.06 -0.40 -2.81 | 87.30 -0.40 -30.50 | 39.01 -0.67 -9.92 | 43.74 -0.89 -6.19 | 42.87 -1.49 -0.31 | 39.14 -1.22 -6.94 | 50.74 -1.73 -3.10 | 36.35 -1.20 -5.18 | 31.35 -1.12 -7.11 | 29.18 -1.20 -6.85 | 29.40 -0.64 -13.90 | 21.76 0.32 -29.73 | 44.16 -0.93 -16.90 | 61.16 -1.13 -17.45 | 41.47 -0.42 -6.73 | 36.60 -0.53 -2.00 | 27.53 -0.61 -3.87 | 14.33 -0.22 -5.39 |
| OSWEGATCHIE___HYD 24044 | 38.51 -0.61 0.00 | 4.51 -0.11 0.00 | 7.26 -0.20 0.00 | 13.02 -0.34 0.00 | 13.01 -0.28 0.00 | 24.30 -0.46 0.00 | 24.16 -0.39 0.10 | 56.25 -0.71 0.23 | 24.75 -0.43 4.59 | 35.02 -0.55 2.86 | 43.53 -0.38 0.14 | 29.72 -0.43 3.27 | 48.06 -0.77 0.54 | 29.15 -0.74 2.48 | 23.29 -0.67 1.39 | 22.35 -0.66 0.50 | 13.23 -0.49 2.42 | -2.63 0.24 -5.42 | 27.95 -0.74 -0.51 | 44.47 -1.17 -0.80 | 35.58 -1.11 -1.53 | 34.67 -0.92 -0.46 | 23.50 -0.67 0.09 | 7.64 -0.30 1.21 |
| OSWEGO___5 23606 | 38.86 -0.59 -0.32 | 7.63 -0.05 -3.05 | 10.31 -0.08 -2.93 | 15.14 -0.16 -1.95 | 15.07 -0.15 -1.92 | 25.66 -0.35 -1.25 | 25.29 -0.41 -1.05 | 56.20 -0.99 0.00 | 29.31 -0.46 0.00 | 37.80 -0.64 0.00 | 43.27 -0.78 0.00 | 32.87 -0.55 0.00 | 48.46 -0.91 0.00 | 31.91 -0.51 -0.05 | 26.29 -0.39 -1.32 | 24.85 -0.38 -1.71 | 17.98 -0.24 -2.08 | 3.23 0.12 -11.40 | 30.58 -0.44 -2.84 | 45.51 -0.76 -1.43 | 37.36 -0.54 -2.74 | 35.33 -0.62 -0.82 | 24.70 -0.43 -0.87 | 10.08 -0.15 -1.07 |
| OSWEGO___6 23613 | 38.86 -0.59 -0.32 | 7.63 -0.05 -3.05 | 10.31 -0.08 -2.93 | 15.14 -0.16 -1.95 | 15.07 -0.15 -1.92 | 25.66 -0.35 -1.25 | 25.29 -0.41 -1.05 | 56.20 -0.99 0.00 | 29.31 -0.46 0.00 | 37.80 -0.64 0.00 | 43.27 -0.78 0.00 | 32.87 -0.55 0.00 | 48.46 -0.91 0.00 | 31.91 -0.51 -0.05 | 26.29 -0.39 -1.32 | 24.85 -0.38 -1.71 | 17.98 -0.24 -2.08 | 3.23 0.12 -11.40 | 30.58 -0.44 -2.84 | 45.51 -0.76 -1.43 | 37.36 -0.54 -2.74 | 35.33 -0.62 -0.82 | 24.70 -0.43 -0.87 | 10.08 -0.15 -1.07 |
| OUTOKUMPU-AB___DRP 24206 | 39.50 -0.29 -0.67 | 11.05 0.12 -6.30 | 13.66 0.15 -6.05 | 17.56 0.19 -4.02 | 17.42 0.15 -3.97 | 27.04 -0.30 -2.58 | 26.08 -0.91 -2.35 | 63.96 -1.63 -8.40 | 36.63 -1.16 -8.02 | 42.09 -1.36 -5.01 | 42.55 -1.76 -0.25 | 37.58 -1.40 -5.56 | 48.62 -2.18 -1.43 | 35.01 -1.54 -5.84 | 29.83 -1.36 -5.64 | 27.73 -1.43 -5.64 | 25.65 -0.77 -10.28 | 16.85 0.35 -24.79 | 36.73 -1.21 -9.76 | 50.51 -1.75 -7.42 | 39.89 -0.90 -5.62 | 35.75 -1.05 -1.68 | 25.94 -1.14 -2.82 | 13.13 -0.45 -4.42 |

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|-----------------------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OXBOW____ 24026 | 39.06 -0.73 -0.66 | 10.96 0.07 -6.26 | 13.54 0.07 -6.01 | 17.39 0.05 -3.99 | 17.26 0.01 -3.95 | 26.73 -0.60 -2.57 | 25.74 -1.25 -2.33 | 60.33 -2.49 -5.63 | 36.17 -1.57 -7.98 | 41.54 -1.88 -4.98 | 41.96 -2.34 -0.25 | 37.10 -1.84 -5.52 | 47.78 -2.85 -1.26 | 34.55 -1.99 -4.16 | 29.46 -1.70 -5.81 | 27.39 -1.75 -5.62 | 25.01 -0.99 -9.87 | 16.86 0.46 -24.68 | 35.52 -1.61 -8.95 | 47.71 -2.39 -5.26 | 39.37 -1.38 -5.60 | 35.27 -1.53 -1.67 | 25.54 -1.47 -2.74 | 12.99 -0.57 -4.40 |
| OXY_CHEM_DSASP 323612 | 38.50 -1.28 -0.66 | 10.86 0.01 -6.22 | 13.40 -0.04 -5.98 | 17.19 -0.13 -3.96 | 17.05 -0.17 -3.92 | 26.34 -0.97 -2.55 | 25.30 -1.67 -2.32 | 55.54 -3.57 -1.92 | 35.61 -2.09 -7.93 | 40.83 -2.56 -4.95 | 41.20 -3.11 -0.25 | 36.47 -2.43 -5.48 | 46.63 -3.75 -1.01 | 33.95 -2.56 -4.13 | 28.99 -2.14 -5.77 | 26.96 -2.16 -5.59 | 24.37 -1.29 -9.52 | 16.90 0.61 -24.57 | 33.32 -2.15 -7.28 | 44.98 -3.24 -3.39 | 38.71 -2.02 -5.57 | 34.65 -2.14 -1.66 | 25.03 -1.88 -2.64 | 12.82 -0.71 -4.37 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 38.50 -1.28 -0.66 | 10.86 0.01 -6.22 | 13.40 -0.04 -5.98 | 17.19 -0.13 -3.96 | 17.05 -0.17 -3.92 | 26.34 -0.97 -2.55 | 25.30 -1.67 -2.32 | 55.54 -3.57 -1.92 | 35.61 -2.09 -7.93 | 40.83 -2.56 -4.95 | 41.20 -3.11 -0.25 | 36.47 -2.43 -5.48 | 46.63 -3.75 -1.01 | 33.95 -2.56 -4.13 | 28.99 -2.14 -5.77 | 26.96 -2.16 -5.59 | 24.37 -1.29 -9.52 | 16.90 0.61 -24.57 | 33.32 -2.15 -7.28 | 44.98 -3.24 -3.39 | 38.71 -2.02 -5.57 | 34.65 -2.14 -1.66 | 25.03 -1.88 -2.64 | 12.82 -0.71 -4.37 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 65.27 3.38 -22.77 | 45.06 0.42 -40.01 | 46.58 0.68 -38.44 | 40.06 1.21 -25.51 | 39.73 1.22 -25.22 | 43.65 2.50 -16.39 | 42.32 2.61 -15.06 | 66.20 6.09 -2.93 | 94.89 3.24 -61.89 | 91.67 4.15 -49.08 | 71.96 4.60 -23.30 | 80.97 3.47 -44.08 | 61.95 5.63 -6.95 | 66.58 3.66 -30.55 | 63.69 2.90 -35.43 | 57.92 2.70 -31.71 | 76.29 1.84 -58.32 | 106.82 -0.93 -116.04 | 69.40 3.16 -38.05 | 63.17 5.06 -13.27 | 64.64 4.02 -25.46 | 46.57 3.85 -7.59 | 41.26 2.61 -14.39 | 38.49 0.90 -28.44 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 66.12 4.23 -22.77 | 45.16 0.52 -40.01 | 46.77 0.88 -38.44 | 40.41 1.55 -25.51 | 40.08 1.57 -25.22 | 44.31 3.16 -16.39 | 42.97 3.26 -15.06 | 67.62 7.50 -2.93 | 95.55 3.90 -61.89 | 92.53 5.01 -49.08 | 72.87 5.52 -23.30 | 81.67 4.16 -44.08 | 62.98 6.66 -6.95 | 67.23 4.30 -30.55 | 64.20 3.41 -35.43 | 58.40 3.17 -31.71 | 76.62 2.17 -58.32 | 106.65 -1.11 -116.04 | 69.97 3.73 -38.05 | 64.07 5.96 -13.27 | 65.35 4.73 -25.46 | 47.26 4.54 -7.59 | 41.74 3.09 -14.39 | 38.68 1.09 -28.44 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 40.48 0.64 -0.71 | 11.56 0.20 -6.72 | 14.21 0.29 -6.46 | 18.09 0.45 -4.29 | 17.96 0.42 -4.24 | 27.88 0.36 -2.76 | 27.06 -0.09 -2.50 | 142.70 0.57 -84.95 | 38.47 -0.11 -8.80 | 43.84 -0.06 -5.46 | 43.89 -0.44 -0.27 | 39.28 -0.23 -6.09 | 55.56 -0.32 -6.51 | 36.65 -0.37 -4.65 | 31.29 -0.44 -6.36 | 29.20 -0.56 -6.24 | 33.16 -0.18 -17.21 | 19.04 0.05 -27.28 | 58.86 -0.16 -30.83 | 88.96 -0.04 -44.16 | 41.72 0.42 -6.14 | 37.11 0.20 -1.78 | 28.80 -0.24 -4.77 | 13.86 -0.09 -4.80 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 50.89 3.09 -8.68 | 45.25 0.39 -40.24 | 46.73 0.62 -38.65 | 40.11 1.11 -25.65 | 39.76 1.11 -25.36 | 43.50 2.26 -16.48 | 42.25 2.43 -15.16 | 65.97 5.80 -2.98 | 93.99 3.04 -61.17 | 84.78 3.94 -42.40 | 58.98 4.43 -10.50 | 80.34 3.35 -43.57 | 61.74 5.29 -7.08 | 66.94 3.46 -31.11 | 63.94 2.73 -35.86 | 58.06 2.54 -32.00 | 76.94 1.77 -59.03 | 107.00 -0.91 -116.21 | 69.56 3.12 -38.26 | 63.05 4.94 -13.27 | 64.50 3.89 -25.46 | 46.44 3.72 -7.59 | 41.24 2.47 -14.50 | 38.81 0.87 -28.78 |
| PEEKSKILL____ 23653 | 136.61 2.77 -94.72 | 44.28 0.36 -39.30 | 45.77 0.56 -37.75 | 39.40 1.00 -25.05 | 39.07 1.00 -24.76 | 42.91 2.05 -16.10 | 41.65 2.21 -14.79 | 65.28 5.21 -2.87 | 114.53 2.71 -82.05 | 176.66 3.50 -134.73 | 221.63 3.89 -173.68 | 94.89 2.97 -58.50 | 60.93 4.75 -6.82 | 65.47 3.11 -29.99 | 62.74 2.47 -34.91 | 57.12 2.29 -31.30 | 75.21 1.61 -57.46 | 106.02 -0.83 -115.14 | 68.65 2.81 -37.65 | 62.50 4.48 -13.18 | 63.99 3.54 -25.29 | 46.08 3.41 -7.54 | 40.74 2.26 -14.22 | 37.92 0.79 -27.97 |
| PGE MADISON____WINDPWR 24146 | 43.18 2.77 -1.30 | 17.17 0.33 -12.21 | 19.71 0.52 -11.73 | 22.04 0.91 -7.78 | 21.92 0.93 -7.69 | 31.57 1.81 -5.00 | 31.26 1.94 -4.67 | 64.95 5.22 -2.54 | 53.69 2.65 -21.28 | 55.02 3.29 -13.29 | 48.54 3.82 -0.67 | 51.55 2.99 -15.14 | 56.50 4.53 -2.60 | 46.17 2.71 -11.08 | 41.43 1.94 -14.12 | 38.45 1.75 -13.18 | 40.72 1.27 -23.31 | 44.52 -0.70 -53.50 | 47.64 2.44 -17.01 | 56.11 4.12 -7.15 | 50.50 3.35 -11.99 | 41.73 3.03 -3.57 | 32.23 1.86 -6.11 | 20.19 0.63 -10.41 |
| PIERCEFIELD____HYD 23852 | 37.89 -1.24 0.00 | 4.43 -0.20 0.00 | 7.14 -0.32 0.00 | 12.84 -0.51 0.00 | 12.76 -0.54 0.00 | 23.82 -0.94 0.00 | 23.48 -1.06 0.11 | 54.64 -2.31 0.24 | 23.51 -1.41 4.84 | 33.70 -1.72 3.02 | 42.50 -1.40 0.15 | 28.62 -1.35 3.45 | 46.74 -2.06 0.57 | 28.14 -1.69 2.55 | 22.40 -1.37 1.59 | 21.49 -1.24 0.79 | 12.52 -0.90 2.72 | -4.54 0.45 -3.29 | 26.75 -1.44 0.00 | 43.08 -2.29 -0.53 | 33.99 -2.18 -1.01 | 33.74 -1.69 -0.30 | 22.91 -1.12 0.24 | 7.40 -0.48 1.27 |
| PINELAWN_CC_1 323563 | 64.19 3.97 -21.09 | 45.15 0.46 -40.07 | 46.70 0.75 -38.49 | 40.26 1.36 -25.54 | 40.01 1.46 -25.25 | 44.07 2.90 -16.41 | 42.61 2.88 -15.08 | 66.69 6.57 -2.93 | 95.87 3.72 -62.38 | 94.14 4.91 -50.80 | 75.61 5.35 -26.21 | 81.79 3.93 -44.43 | 62.45 6.13 -6.96 | 66.98 4.01 -30.60 | 64.26 3.27 -35.63 | 71.92 3.08 -45.32 | 87.20 2.13 -68.94 | 129.88 -1.06 -139.23 | 207.93 3.59 -176.16 | 63.51 5.39 -13.28 | 72.33 4.54 -32.63 | 46.80 4.08 -7.60 | 41.75 3.09 -14.40 | 38.78 1.15 -28.47 |
| PJM_GEN_HTP_PROXY 323702 | 66.37 3.05 -24.21 | 44.99 0.39 -39.97 | 46.48 0.62 -38.40 | 39.94 1.11 -25.48 | 39.60 1.12 -25.19 | 43.43 2.30 -16.37 | 42.29 2.48 -15.16 | 65.96 5.84 -2.93 | 94.83 3.06 -62.00 | 92.17 3.95 -49.79 | 73.06 4.40 -24.60 | 80.89 3.30 -44.16 | 61.64 5.33 -6.94 | 66.37 3.49 -30.52 | 63.52 2.77 -35.40 | 57.78 2.57 -31.68 | 76.18 1.78 -58.26 | 106.79 -0.91 -115.99 | 69.27 3.06 -38.02 | 63.00 4.89 -13.27 | 64.48 3.87 -25.45 | 46.45 3.73 -7.59 | 41.16 2.52 -14.38 | 38.45 0.88 -28.41 |
| PJM_GEN_KEystone 24065 | 38.29 1.17 1.99 | 26.79 0.21 -21.96 | 28.88 0.32 -21.09 | 27.89 0.55 -14.00 | 27.67 0.53 -13.84 | 34.65 0.90 -8.99 | 33.77 0.75 -8.36 | 66.77 2.15 -7.43 | 60.53 0.89 -29.87 | 52.27 1.16 -12.68 | 33.80 1.06 11.32 | 55.53 0.92 -21.19 | 55.06 1.60 -4.09 | 49.76 0.95 -16.44 | 45.93 0.70 -19.86 | 42.24 0.59 -18.12 | 49.90 0.54 -33.22 | 61.08 -0.29 -69.66 | 52.98 0.97 -23.83 | 58.02 1.67 -11.51 | 52.14 1.55 -15.44 | 41.11 1.38 -4.60 | 33.42 0.74 -8.41 | 25.10 0.25 -15.69 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 63.82 3.61 -21.09 | 45.11 0.42 -40.07 | 46.63 0.68 -38.49 | 40.13 1.23 -25.54 | 39.86 1.31 -25.25 | 43.78 2.61 -16.41 | 42.61 2.76 -15.19 | 66.49 6.37 -2.93 | 95.72 3.57 -62.38 | 93.92 4.68 -50.80 | 75.36 5.10 -26.21 | 81.62 3.76 -44.43 | 62.26 5.93 -6.96 | 66.86 3.89 -30.60 | 64.14 3.15 -35.63 | 71.78 2.94 -45.32 | 87.12 2.04 -68.94 | 126.05 -1.04 -135.38 | 188.20 3.49 -156.52 | 63.45 5.33 -13.28 | 67.38 4.30 -27.93 | 46.64 3.91 -7.60 | 41.40 2.74 -14.40 | 38.64 1.01 -28.47 |
| PJM_GEN_VFT_PROXY 323633 | 65.62 2.89 -23.61 | 44.99 0.37 -39.99 | 46.47 0.60 -38.41 | 39.91 1.07 -25.49 | 39.57 1.08 -25.20 | 43.37 2.23 -16.38 | 42.24 2.42 -15.17 | 65.83 5.71 -2.93 | 94.71 2.98 -61.95 | 91.74 3.81 -49.49 | 72.32 4.21 -24.06 | 80.72 3.17 -44.13 | 61.50 5.18 -6.94 | 66.32 3.41 -30.53 | 63.48 2.71 -35.41 | 57.74 2.52 -31.69 | 76.17 1.75 -58.28 | 106.84 -0.88 -116.01 | 69.18 2.96 -38.03 | 62.85 4.75 -13.27 | 64.39 3.78 -25.46 | 46.34 3.62 -7.59 | 41.12 2.47 -14.38 | 38.43 0.86 -28.42 |

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|----------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PLEASANTVLY___LBMP 24000 | 50.68 2.58 -8.99 | 46.53 0.33 -41.57 | 47.92 0.52 -39.93 | 40.79 0.94 -26.50 | 40.43 0.94 -26.19 | 43.69 1.90 -17.03 | 42.35 2.05 -15.64 | 65.05 4.82 -3.04 | 95.13 2.52 -62.84 | 86.71 3.25 -45.03 | 61.50 3.64 -13.80 | 80.93 2.75 -44.76 | 60.96 4.37 -7.22 | 66.97 2.86 -31.74 | 64.15 2.27 -36.52 | 58.18 2.09 -32.56 | 77.73 1.46 -60.13 | 108.99 -0.75 -118.02 | 69.63 2.54 -38.90 | 62.37 4.06 -13.47 | 64.21 3.20 -25.84 | 45.93 3.09 -7.71 | 41.10 2.08 -14.75 | 39.31 0.73 -29.43 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 59.05 3.00 -16.93 | 45.20 0.38 -40.20 | 46.68 0.60 -38.61 | 40.06 1.08 -25.62 | 39.72 1.09 -25.33 | 43.44 2.22 -16.47 | 42.15 2.37 -15.13 | 65.71 5.57 -2.94 | 94.15 2.95 -61.43 | 88.47 3.82 -46.22 | 66.32 4.27 -18.00 | 80.39 3.21 -43.76 | 61.47 5.12 -6.98 | 66.43 3.35 -30.71 | 63.58 2.65 -35.57 | 57.78 2.45 -31.81 | 76.39 1.71 -58.54 | 107.11 -0.87 -116.27 | 69.30 2.96 -38.15 | 62.85 4.72 -13.29 | 64.40 3.73 -25.51 | 46.31 3.58 -7.61 | 41.10 2.40 -14.43 | 38.56 0.84 -28.56 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 48.88 2.84 -6.92 | 45.91 0.36 -40.93 | 47.34 0.56 -39.32 | 40.46 1.02 -26.09 | 40.11 1.02 -25.79 | 43.58 2.05 -16.77 | 42.32 2.22 -15.45 | 65.56 5.27 -3.10 | 95.69 2.78 -63.14 | 84.12 3.59 -42.09 | 55.49 4.04 -7.40 | 81.46 3.07 -44.97 | 61.74 5.01 -7.36 | 67.89 3.16 -32.35 | 64.69 2.49 -36.84 | 58.50 2.30 -32.68 | 78.42 1.60 -60.69 | 107.74 -0.83 -116.86 | 69.82 2.84 -38.80 | 62.65 4.51 -13.30 | 64.21 3.53 -25.51 | 46.13 3.40 -7.61 | 41.30 2.26 -14.78 | 39.53 0.79 -29.59 |
| POLETTI____ 23519 | 65.84 3.11 -23.61 | 45.01 0.40 -39.99 | 46.52 0.65 -38.41 | 39.99 1.15 -25.49 | 39.66 1.16 -25.20 | 43.52 2.38 -16.38 | 42.25 2.54 -15.05 | 66.09 5.98 -2.93 | 94.87 3.15 -61.95 | 91.99 4.06 -49.49 | 72.63 4.51 -24.06 | 80.94 3.39 -44.13 | 61.78 5.47 -6.94 | 66.50 3.59 -30.53 | 63.61 2.84 -35.41 | 57.84 2.63 -31.69 | 76.24 1.82 -58.28 | 106.80 -0.93 -116.01 | 69.34 3.12 -38.03 | 63.09 4.98 -13.27 | 64.57 3.95 -25.46 | 46.51 3.79 -7.59 | 41.22 2.57 -14.38 | 38.47 0.90 -28.42 |
| PORT_JEFF_3 23555 | 63.99 3.78 -21.09 | 45.12 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 40.00 1.46 -25.25 | 44.04 2.87 -16.41 | 42.81 3.08 -15.08 | 67.13 7.01 -2.93 | 96.24 4.09 -62.38 | 94.64 5.40 -50.80 | 76.29 6.02 -26.21 | 82.32 4.46 -44.43 | 63.16 6.84 -6.96 | 67.42 4.45 -30.60 | 64.61 3.62 -35.63 | 72.32 3.48 -45.32 | 87.51 2.43 -68.94 | 175.54 -1.24 -185.07 | 330.06 4.24 -297.64 | 64.47 6.33 -13.29 | 129.00 5.24 -88.60 | 47.32 4.59 -7.60 | 41.91 3.25 -14.40 | 38.83 1.21 -28.47 |
| PORT_JEFF_4 23616 | 63.99 3.78 -21.09 | 45.12 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 40.00 1.46 -25.25 | 44.04 2.87 -16.41 | 42.81 3.08 -15.08 | 67.13 7.01 -2.93 | 96.24 4.09 -62.38 | 94.64 5.40 -50.80 | 76.29 6.02 -26.21 | 82.32 4.46 -44.43 | 63.16 6.84 -6.96 | 67.42 4.45 -30.60 | 64.61 3.62 -35.63 | 72.32 3.48 -45.32 | 87.51 2.43 -68.94 | 175.54 -1.24 -185.07 | 330.06 4.24 -297.64 | 64.47 6.33 -13.29 | 129.00 5.24 -88.60 | 47.32 4.59 -7.60 | 41.91 3.25 -14.40 | 38.83 1.21 -28.47 |
| PORT_JEFF_IC 23713 | 64.02 3.81 -21.09 | 45.13 0.43 -40.07 | 46.67 0.72 -38.49 | 40.21 1.32 -25.54 | 40.01 1.47 -25.25 | 44.05 2.88 -16.41 | 42.83 3.10 -15.08 | 67.19 7.06 -2.93 | 96.28 4.13 -62.38 | 94.70 5.46 -50.80 | 76.38 6.11 -26.21 | 82.38 4.52 -44.43 | 63.26 6.93 -6.96 | 67.48 4.51 -30.60 | 64.65 3.66 -35.63 | 72.36 3.52 -45.32 | 87.54 2.46 -68.94 | 169.83 -1.25 -179.37 | 314.77 4.31 -282.27 | 64.56 6.43 -13.29 | 122.11 5.31 -81.64 | 47.37 4.65 -7.60 | 41.95 3.29 -14.40 | 38.85 1.22 -28.47 |
| PPL PILGRIM_ST_GT1 24216 | 64.32 4.11 -21.09 | 45.16 0.47 -40.07 | 46.74 0.78 -38.49 | 40.32 1.43 -25.54 | 40.09 1.55 -25.25 | 44.20 3.03 -16.41 | 42.94 3.21 -15.08 | 67.54 7.42 -2.93 | 96.38 4.23 -62.38 | 94.79 5.56 -50.80 | 76.21 5.95 -26.21 | 82.37 4.51 -44.43 | 63.32 6.99 -6.96 | 67.52 4.55 -30.60 | 64.68 3.69 -35.63 | 72.35 3.51 -45.32 | 87.51 2.44 -68.94 | 138.56 -1.23 -148.08 | 231.83 4.16 -199.48 | 64.41 6.28 -13.28 | 83.81 5.22 -43.44 | 47.34 4.61 -7.60 | 41.91 3.25 -14.40 | 38.84 1.21 -28.47 |
| PPL PILGRIM_ST_GT2 24217 | 64.32 4.11 -21.09 | 45.16 0.47 -40.07 | 46.74 0.78 -38.49 | 40.32 1.43 -25.54 | 40.09 1.55 -25.25 | 44.20 3.03 -16.41 | 42.94 3.21 -15.08 | 67.54 7.42 -2.93 | 96.38 4.23 -62.38 | 94.79 5.56 -50.80 | 76.21 5.95 -26.21 | 82.37 4.51 -44.43 | 63.32 6.99 -6.96 | 67.52 4.55 -30.60 | 64.68 3.69 -35.63 | 72.35 3.51 -45.32 | 87.51 2.44 -68.94 | 138.56 -1.23 -148.08 | 231.83 4.16 -199.48 | 64.41 6.28 -13.28 | 83.81 5.22 -43.44 | 47.34 4.61 -7.60 | 41.91 3.25 -14.40 | 38.84 1.21 -28.47 |
| PPL_SHRM_GT3 24213 | 63.46 3.24 -21.09 | 45.06 0.36 -40.07 | 46.56 0.61 -38.49 | 40.01 1.12 -25.54 | 39.89 1.35 -25.25 | 43.81 2.63 -16.41 | 42.63 2.90 -15.08 | 66.45 6.32 -2.93 | 96.06 3.91 -62.38 | 94.42 5.18 -50.80 | 76.39 6.13 -26.21 | 82.32 4.46 -44.43 | 62.84 6.51 -6.96 | 67.20 4.24 -30.60 | 64.47 3.48 -35.63 | 72.45 3.61 -45.32 | 87.63 2.56 -68.94 | 173.70 -1.27 -183.25 | 324.96 4.00 -292.77 | 64.06 5.93 -13.29 | 126.76 5.21 -86.39 | 47.43 4.71 -7.60 | 42.05 3.39 -14.40 | 38.88 1.25 -28.47 |
| PPL_SHRM_GT4 24214 | 63.46 3.24 -21.09 | 45.06 0.36 -40.07 | 46.56 0.61 -38.49 | 40.01 1.12 -25.54 | 39.89 1.35 -25.25 | 43.81 2.63 -16.41 | 42.63 2.90 -15.08 | 66.45 6.32 -2.93 | 96.06 3.91 -62.38 | 94.42 5.18 -50.80 | 76.39 6.13 -26.21 | 82.32 4.46 -44.43 | 62.84 6.51 -6.96 | 67.20 4.24 -30.60 | 64.47 3.48 -35.63 | 72.45 3.61 -45.32 | 87.63 2.56 -68.94 | 173.70 -1.27 -183.25 | 324.96 4.00 -292.77 | 64.06 5.93 -13.29 | 126.76 5.21 -86.39 | 47.43 4.71 -7.60 | 42.05 3.39 -14.40 | 38.88 1.25 -28.47 |
| PROJECT___ORANGE 1 24174 | 39.44 -0.07 -0.39 | 8.31 0.01 -3.67 | 11.00 0.02 -3.52 | 15.70 0.02 -2.34 | 15.65 0.04 -2.31 | 26.27 0.01 -1.50 | 25.87 -0.04 -1.26 | 57.12 -0.07 0.00 | 29.80 0.03 0.00 | 38.46 0.02 0.00 | 43.99 -0.06 0.00 | 33.42 0.00 0.00 | 49.29 -0.08 0.00 | 32.47 0.03 -0.06 | 27.07 0.02 -1.68 | 25.70 0.00 -2.18 | 18.83 0.04 -2.66 | 6.22 -0.02 -14.53 | 31.83 0.03 -3.62 | 46.65 -0.01 -1.82 | 38.70 0.05 -3.50 | 36.09 -0.08 -1.04 | 25.28 -0.10 -1.12 | 10.45 -0.03 -1.32 |
| PROJECT___ORANGE 2 24166 | 39.44 -0.07 -0.39 | 8.31 0.01 -3.67 | 11.00 0.02 -3.52 | 15.70 0.02 -2.34 | 15.65 0.04 -2.31 | 26.27 0.01 -1.50 | 25.87 -0.04 -1.26 | 57.12 -0.07 0.00 | 29.80 0.03 0.00 | 38.46 0.02 0.00 | 43.99 -0.06 0.00 | 33.42 0.00 0.00 | 49.29 -0.08 0.00 | 32.47 0.03 -0.06 | 27.07 0.02 -1.68 | 25.70 0.00 -2.18 | 18.83 0.04 -2.66 | 6.22 -0.02 -14.53 | 31.83 0.03 -3.62 | 46.65 -0.01 -1.82 | 38.70 0.05 -3.50 | 36.09 -0.08 -1.04 | 25.28 -0.10 -1.12 | 10.45 -0.03 -1.32 |
| PYRITES___HYD 24023 | 38.34 -0.78 0.00 | 4.48 -0.14 0.00 | 7.23 -0.24 0.00 | 13.00 -0.36 0.00 | 12.91 -0.38 0.00 | 24.12 -0.64 0.00 | 23.86 -0.68 0.11 | 55.53 -1.41 0.24 | 23.98 -0.92 4.86 | 34.35 -1.05 3.04 | 43.25 -0.66 0.15 | 29.21 -0.74 3.47 | 47.64 -1.16 0.57 | 28.74 -1.08 2.55 | 22.85 -0.90 1.61 | 21.91 -0.80 0.81 | 12.80 -0.59 2.74 | -4.88 0.29 -3.12 | 27.26 -0.88 0.04 | 43.94 -1.40 -0.50 | 34.61 -1.52 -0.97 | 34.32 -1.09 -0.29 | 23.25 -0.76 0.25 | 7.52 -0.35 1.28 |
| RAMAPO___LBMP 323565 | 32.15 2.52 9.48 | 41.81 0.33 -36.86 | 43.39 0.52 -35.41 | 37.77 0.92 -23.50 | 37.44 0.91 -23.23 | 41.73 1.87 -15.10 | 40.51 1.99 -13.87 | 64.59 4.71 -2.69 | 81.60 2.41 -49.43 | 56.53 3.10 -15.00 | 16.49 3.44 31.00 | 71.25 2.64 -35.19 | 60.01 4.26 -6.38 | 63.26 2.81 -28.08 | 60.76 2.23 -33.17 | 55.54 2.07 -29.94 | 72.18 1.48 -54.56 | 103.01 -0.76 -112.06 | 67.08 2.58 -36.31 | 61.85 4.13 -12.88 | 63.16 3.29 -24.71 | 45.65 3.15 -7.37 | 39.96 2.07 -13.63 | 36.27 0.72 -26.39 |

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|-----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_7 24255 | 65.01 3.13 -22.77 | 45.04 0.40 -40.01 | 46.53 0.63 -38.44 | 39.98 1.13 -25.51 | 39.65 1.14 -25.22 | 43.48 2.33 -16.39 | 42.22 2.51 -15.06 | 66.04 5.92 -2.93 | 94.77 3.11 -61.89 | 91.54 4.03 -49.08 | 71.83 4.48 -23.30 | 80.86 3.36 -44.08 | 61.73 5.42 -6.95 | 66.47 3.55 -30.55 | 63.61 2.82 -35.43 | 57.84 2.62 -31.71 | 76.27 1.82 -58.32 | 106.84 -0.92 -116.04 | 69.34 3.10 -38.05 | 63.08 4.97 -13.27 | 64.56 3.94 -25.46 | 46.50 3.78 -7.59 | 41.20 2.55 -14.39 | 38.49 0.89 -28.44 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 65.02 3.13 -22.77 | 45.04 0.40 -40.01 | 46.53 0.63 -38.44 | 39.99 1.14 -25.51 | 39.66 1.14 -25.22 | 43.50 2.35 -16.39 | 42.24 2.53 -15.06 | 66.06 5.94 -2.93 | 94.79 3.13 -61.89 | 91.57 4.05 -49.08 | 71.86 4.50 -23.30 | 80.88 3.38 -44.08 | 61.76 5.45 -6.95 | 66.49 3.57 -30.55 | 63.62 2.83 -35.43 | 57.86 2.63 -31.71 | 76.27 1.82 -58.32 | 106.83 -0.92 -116.04 | 69.36 3.12 -38.05 | 63.09 4.98 -13.27 | 64.58 3.96 -25.46 | 46.53 3.81 -7.59 | 41.22 2.57 -14.39 | 38.49 0.90 -28.44 |
| RAVENSWOOD_GT_9 24257 | 65.02 3.13 -22.77 | 45.04 0.40 -40.01 | 46.53 0.63 -38.44 | 39.99 1.14 -25.51 | 39.66 1.14 -25.22 | 43.50 2.35 -16.39 | 42.24 2.53 -15.06 | 66.06 5.94 -2.93 | 94.79 3.13 -61.89 | 91.57 4.05 -49.08 | 71.86 4.50 -23.30 | 80.88 3.38 -44.08 | 61.76 5.45 -6.95 | 66.49 3.57 -30.55 | 63.62 2.83 -35.43 | 57.86 2.63 -31.71 | 76.27 1.82 -58.32 | 106.83 -0.92 -116.04 | 69.36 3.12 -38.05 | 63.09 4.98 -13.27 | 64.58 3.96 -25.46 | 46.53 3.81 -7.59 | 41.22 2.57 -14.39 | 38.49 0.90 -28.44 |
| RAVENSWOOD___1 23533 | 65.08 3.19 -22.77 | 45.05 0.41 -40.01 | 46.55 0.65 -38.44 | 40.03 1.17 -25.51 | 39.70 1.18 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.98 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.64 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.93 -28.44 |
| RAVENSWOOD___2 23534 | 65.08 3.19 -22.77 | 45.05 0.41 -40.01 | 46.55 0.65 -38.44 | 40.03 1.17 -25.51 | 39.70 1.18 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.98 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.64 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.93 -28.44 |
| RAVENSWOOD___3 23535 | 65.02 3.13 -22.77 | 45.04 0.40 -40.01 | 46.53 0.63 -38.44 | 39.99 1.14 -25.51 | 39.66 1.15 -25.22 | 43.50 2.35 -16.39 | 42.24 2.53 -15.06 | 66.07 5.95 -2.93 | 94.79 3.13 -61.89 | 91.57 4.05 -49.08 | 71.86 4.51 -23.30 | 80.89 3.39 -44.08 | 61.77 5.46 -6.95 | 66.50 3.58 -30.55 | 63.63 2.84 -35.43 | 57.87 2.64 -31.71 | 76.28 1.82 -58.32 | 106.83 -0.93 -116.04 | 69.36 3.13 -38.05 | 63.10 4.99 -13.27 | 64.58 3.96 -25.46 | 46.53 3.81 -7.59 | 41.22 2.57 -14.39 | 38.49 0.90 -28.44 |
| RAVENSWOOD___4 23820 | 65.08 3.19 -22.77 | 45.05 0.41 -40.01 | 46.55 0.65 -38.44 | 40.03 1.17 -25.51 | 39.70 1.18 -25.22 | 43.58 2.43 -16.39 | 42.32 2.61 -15.06 | 66.20 6.08 -2.93 | 94.88 3.22 -61.89 | 91.69 4.18 -49.08 | 71.98 4.62 -23.30 | 80.97 3.47 -44.08 | 61.96 5.64 -6.95 | 66.60 3.68 -30.55 | 63.70 2.91 -35.43 | 57.94 2.71 -31.71 | 76.31 1.86 -58.32 | 106.81 -0.94 -116.04 | 69.43 3.19 -38.05 | 63.22 5.10 -13.27 | 64.70 4.07 -25.46 | 46.64 3.92 -7.59 | 41.30 2.65 -14.39 | 38.52 0.93 -28.44 |
| RCPL_TRUST___DRP 24196 | 66.41 3.09 -24.21 | 44.99 0.40 -39.97 | 46.48 0.63 -38.40 | 39.95 1.12 -25.48 | 39.62 1.13 -25.19 | 43.45 2.32 -16.37 | 42.21 2.52 -15.04 | 66.05 5.93 -2.93 | 94.88 3.11 -62.00 | 92.23 4.01 -49.79 | 73.14 4.48 -24.60 | 80.94 3.36 -44.16 | 61.71 5.40 -6.94 | 66.43 3.54 -30.52 | 63.56 2.81 -35.40 | 57.82 2.62 -31.68 | 76.21 1.81 -58.26 | 106.78 -0.92 -115.99 | 69.32 3.10 -38.02 | 63.06 4.95 -13.27 | 64.54 3.93 -25.45 | 46.50 3.78 -7.59 | 41.19 2.55 -14.38 | 38.46 0.89 -28.41 |
| RED___ROCHESTER 323720 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| RENSSELAER___COGEN 23796 | 48.71 1.61 -7.98 | 59.18 0.18 -54.38 | 59.99 0.29 -52.24 | 48.58 0.56 -34.67 | 48.17 0.60 -34.27 | 48.18 1.15 -22.28 | 47.04 1.15 -21.25 | 65.40 2.50 -5.71 | 146.63 1.31 -115.55 | 115.02 1.65 -74.93 | 55.14 1.83 -9.25 | 117.16 1.41 -82.32 | 65.05 2.14 -13.55 | 92.93 1.40 -59.17 | 83.94 1.07 -57.51 | 71.33 0.98 -46.84 | 112.24 0.68 -95.43 | 117.61 -0.35 -126.24 | 78.63 1.16 -49.29 | 60.00 1.82 -13.34 | 62.19 1.45 -25.59 | 44.23 1.47 -7.63 | 45.70 1.06 -20.38 | 56.16 0.41 -46.60 |
| REVERE_CPPR_DRP 24186 | 40.45 1.17 -0.16 | 6.24 0.14 -1.48 | 9.09 0.21 -1.42 | 14.67 0.37 -0.94 | 14.63 0.40 -0.93 | 26.23 0.86 -0.60 | 26.06 1.03 -0.38 | 59.42 2.51 0.28 | 25.53 1.39 5.63 | 36.71 1.79 3.52 | 45.85 1.97 0.18 | 30.96 1.54 4.00 | 51.04 2.34 0.66 | 30.79 1.45 3.03 | 25.03 1.04 1.37 | 24.29 0.92 0.16 | 14.37 0.66 2.43 | 1.17 -0.34 -9.80 | 30.67 1.09 -1.40 | 47.91 1.69 -1.37 | 39.17 1.37 -2.64 | 37.12 1.21 -0.79 | 25.11 0.72 -0.13 | 8.26 0.24 1.14 |
| RIVERBAY___ 323610 | 66.12 4.23 -22.77 | 45.16 0.52 -40.01 | 46.77 0.88 -38.44 | 40.41 1.55 -25.51 | 40.08 1.57 -25.22 | 44.31 3.16 -16.39 | 42.97 3.26 -15.06 | 67.62 7.50 -2.93 | 95.55 3.90 -61.89 | 92.53 5.01 -49.08 | 72.87 5.52 -23.30 | 81.67 4.16 -44.08 | 62.98 6.66 -6.95 | 67.23 4.30 -30.55 | 64.20 3.41 -35.43 | 58.40 3.17 -31.71 | 76.62 2.17 -58.32 | 106.65 -1.11 -116.04 | 69.97 3.73 -38.05 | 64.07 5.96 -13.27 | 65.35 4.73 -25.46 | 47.26 4.54 -7.59 | 41.74 3.09 -14.39 | 38.68 1.09 -28.44 |
| ROARING___BROOK_WT_PWR 323790 | 38.50 -0.32 0.29 | 1.81 -0.04 2.77 | 4.71 -0.09 2.67 | 11.38 -0.20 1.77 | 11.42 -0.14 1.75 | 23.34 -0.28 1.14 | 22.87 -0.19 1.59 | 55.34 -0.44 1.41 | 1.21 -0.23 28.34 | 20.46 -0.27 17.70 | 42.80 -0.36 0.89 | 12.88 -0.35 20.19 | 45.54 -0.48 3.35 | 17.58 -0.35 14.45 | 14.95 -0.44 9.97 | 16.90 -0.53 6.09 | -1.10 -0.37 16.86 | -2.83 0.21 -5.24 | 24.42 -0.67 3.09 | 45.16 -0.95 -1.27 | 36.89 -0.71 -2.44 | 35.23 -0.63 -0.73 | 21.64 -0.39 2.23 | 1.14 -0.11 7.90 |
| ROCHESTER_9_IC 23652 | 39.89 0.27 -0.50 | 9.46 0.10 -4.73 | 12.16 0.15 -4.55 | 16.60 0.23 -3.02 | 16.52 0.24 -2.98 | 26.88 0.18 -1.94 | 26.36 -0.04 -1.75 | 56.55 0.16 0.80 | 35.44 0.07 -5.59 | 42.10 0.16 -3.50 | 44.28 0.05 -0.17 | 37.36 -0.06 -4.00 | 49.68 -0.29 -0.60 | 35.31 0.02 -2.92 | 29.52 -0.05 -4.21 | 27.52 -0.13 -4.12 | 22.86 0.01 -6.71 | 10.23 -0.04 -18.56 | 33.47 0.09 -5.19 | 46.24 0.15 -1.25 | 39.71 0.31 -4.24 | 36.50 0.11 -1.26 | 26.03 -0.15 -1.92 | 12.27 -0.08 -3.20 |
| ROSETON___1 23587 | 45.82 2.56 -4.15 | 44.02 0.33 -39.06 | 45.51 0.52 -37.52 | 39.18 0.93 -24.90 | 38.85 0.93 -24.62 | 42.65 1.89 -16.00 | 41.39 2.03 -14.70 | 64.83 4.78 -2.86 | 89.77 2.49 -57.51 | 77.58 3.22 -35.92 | 49.47 3.61 -1.80 | 77.10 2.73 -40.95 | 60.51 4.36 -6.79 | 65.08 2.85 -29.86 | 62.40 2.26 -34.79 | 56.81 2.09 -31.20 | 74.85 1.47 -57.24 | 105.79 -0.75 -114.83 | 68.27 2.55 -37.54 | 62.06 4.07 -13.15 | 63.60 3.22 -25.23 | 45.75 3.10 -7.52 | 40.50 2.07 -14.17 | 37.73 0.72 -27.85 |

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|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ROSETON___2 23588 | 45.82 2.56 -4.15 | 44.02 0.33 -39.06 | 45.51 0.52 -37.52 | 39.18 0.93 -24.90 | 38.85 0.93 -24.62 | 42.65 1.89 -16.00 | 41.39 2.03 -14.70 | 64.83 4.78 -2.86 | 89.77 2.49 -57.51 | 77.58 3.22 -35.92 | 49.47 3.61 -1.80 | 77.10 2.73 -40.95 | 60.51 4.36 -6.79 | 65.08 2.85 -29.86 | 62.40 2.26 -34.79 | 56.81 2.09 -31.20 | 74.85 1.47 -57.24 | 105.79 -0.75 -114.83 | 68.27 2.55 -37.54 | 62.06 4.07 -13.15 | 63.60 3.22 -25.23 | 45.75 3.10 -7.52 | 40.50 2.07 -14.17 | 37.73 0.72 -27.85 |
| RUSSELL___1 23602 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| RUSSELL___2 23532 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| RUSSELL___3 23549 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| RUSSELL___4 23556 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| RUSSELL___STATION 23914 | 40.08 0.46 -0.50 | 9.48 0.12 -4.73 | 12.19 0.18 -4.55 | 16.65 0.28 -3.02 | 16.58 0.30 -2.98 | 27.00 0.30 -1.94 | 26.49 0.09 -1.75 | 56.85 0.46 0.80 | 35.61 0.24 -5.59 | 42.31 0.38 -3.50 | 44.54 0.31 -0.17 | 37.55 0.13 -4.00 | 49.98 0.01 -0.60 | 35.51 0.21 -2.92 | 29.67 0.10 -4.21 | 27.66 0.01 -4.12 | 22.96 0.11 -6.71 | 10.18 -0.10 -18.56 | 33.65 0.28 -5.19 | 46.54 0.45 -1.25 | 39.93 0.54 -4.24 | 36.71 0.31 -1.26 | 26.16 -0.02 -1.92 | 12.32 -0.03 -3.20 |
| S SALMON___HYD 24043 | 39.12 -0.31 -0.30 | 7.47 -0.04 -2.88 | 10.14 -0.08 -2.77 | 15.01 -0.18 -1.83 | 15.00 -0.11 -1.81 | 25.71 -0.23 -1.18 | 25.48 -0.16 -0.99 | 56.88 -0.31 0.00 | 29.71 -0.06 0.00 | 38.29 -0.14 0.00 | 43.78 -0.27 0.00 | 33.26 -0.16 0.00 | 48.91 -0.46 0.00 | 32.16 -0.27 -0.05 | 26.49 -0.26 -1.39 | 25.01 -0.31 -1.79 | 18.11 -0.22 -2.19 | 3.76 0.09 -11.96 | 30.80 -0.36 -2.98 | 45.63 -0.71 -1.50 | 37.53 -0.50 -2.88 | 35.36 -0.63 -0.86 | 24.69 -0.49 -0.92 | 10.02 -0.18 -1.05 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 39.39 -0.41 -0.68 | 11.15 0.09 -6.43 | 13.75 0.11 -6.17 | 17.58 0.13 -4.10 | 17.45 0.10 -4.05 | 26.99 -0.40 -2.63 | 26.05 -0.99 -2.39 | 96.30 -1.77 -40.87 | 36.80 -1.20 -8.23 | 42.14 -1.43 -5.13 | 42.39 -1.93 -0.25 | 37.65 -1.46 -5.69 | 50.41 -2.28 -3.31 | 35.09 -1.60 -4.31 | 29.95 -1.40 -5.98 | 27.86 -1.47 -5.81 | 31.13 -0.81 -15.80 | 17.53 0.37 -25.45 | 45.39 -1.28 -18.49 | 80.83 -1.83 -37.83 | 39.98 -0.95 -5.77 | 35.70 -1.14 -1.71 | 26.63 -1.16 -3.53 | 13.23 -0.45 -4.53 |
| SELKIRK___I 23801 | 48.48 1.89 -7.47 | 53.62 0.22 -48.77 | 54.67 0.36 -46.85 | 45.08 0.64 -31.09 | 44.71 0.67 -30.73 | 45.98 1.24 -19.98 | 44.69 1.23 -18.81 | 64.51 2.75 -4.58 | 123.92 1.43 -92.72 | 100.82 1.80 -60.58 | 54.45 2.04 -8.35 | 101.06 1.59 -66.05 | 62.56 2.33 -10.86 | 81.31 1.43 -47.50 | 75.25 1.10 -48.78 | 65.53 0.99 -41.02 | 97.52 0.67 -80.72 | 115.81 -0.34 -124.44 | 74.62 1.14 -45.29 | 60.12 1.68 -13.61 | 62.58 1.32 -26.10 | 44.34 1.43 -7.79 | 43.42 1.05 -18.12 | 48.90 0.40 -39.35 |
| SELKIRK___II 23799 | 48.64 1.69 -7.82 | 57.97 0.20 -53.15 | 58.84 0.33 -51.05 | 47.83 0.60 -33.88 | 47.41 0.62 -33.49 | 47.73 1.19 -21.77 | 46.55 1.21 -20.69 | 65.32 2.70 -5.43 | 140.98 1.41 -109.81 | 111.51 1.79 -71.28 | 55.00 2.00 -8.95 | 113.19 1.54 -78.23 | 64.57 2.33 -12.87 | 90.14 1.52 -56.24 | 82.05 1.19 -55.50 | 70.22 1.08 -45.61 | 108.91 0.75 -92.02 | 118.68 -0.38 -127.36 | 78.16 1.30 -48.68 | 60.46 2.02 -13.60 | 62.87 1.62 -26.10 | 44.54 1.62 -7.78 | 45.34 1.15 -19.93 | 54.48 0.44 -44.88 |
| SENECA OSWGO___HYD 24041 | 39.07 -0.40 -0.35 | 7.92 -0.03 -3.32 | 10.60 -0.05 -3.19 | 15.36 -0.11 -2.12 | 15.32 -0.07 -2.09 | 25.91 -0.21 -1.36 | 25.54 -0.26 -1.14 | 56.54 -0.65 0.00 | 29.49 -0.28 0.00 | 38.06 -0.38 0.00 | 43.55 -0.50 0.00 | 33.10 -0.32 0.00 | 48.78 -0.59 0.00 | 32.14 -0.29 -0.05 | 26.61 -0.23 -1.48 | 25.21 -0.24 -1.92 | 18.36 -0.12 -2.35 | 4.59 0.06 -12.82 | 31.13 -0.25 -3.19 | 45.96 -0.48 -1.61 | 37.90 -0.34 -3.08 | 35.57 -0.47 -0.92 | 24.89 -0.35 -0.98 | 10.22 -0.12 -1.18 |
| SENECA___ENERGY 23797 | 39.83 0.15 -0.56 | 9.94 0.05 -5.26 | 12.60 0.09 -5.05 | 16.82 0.12 -3.35 | 16.76 0.14 -3.31 | 27.12 0.20 -2.15 | 26.71 0.11 -1.94 | 58.02 0.52 -0.31 | 36.26 0.28 -6.21 | 42.56 0.24 -3.88 | 44.42 0.17 -0.19 | 38.00 0.16 -4.42 | 50.31 0.21 -0.73 | 35.79 0.18 -3.24 | 30.16 0.10 -4.70 | 28.17 0.03 -4.61 | 23.90 0.10 -7.66 | 12.50 -0.06 -20.84 | 34.51 0.18 -6.14 | 47.72 0.39 -2.48 | 40.29 0.37 -4.76 | 36.75 0.20 -1.42 | 26.46 0.03 -2.17 | 12.71 -0.01 -3.55 |
| SHOEMAKER___GT 23640 | 36.48 2.16 4.80 | 40.18 0.28 -35.27 | 41.79 0.44 -33.88 | 36.62 0.78 -22.49 | 36.31 0.78 -22.23 | 40.81 1.60 -14.45 | 39.62 1.70 -13.27 | 63.79 4.03 -2.57 | 80.42 2.09 -48.57 | 61.10 2.71 -19.96 | 27.34 3.03 19.75 | 70.29 2.30 -34.58 | 59.10 3.64 -6.09 | 61.58 2.40 -26.81 | 59.29 1.91 -32.02 | 54.34 1.77 -29.04 | 70.02 1.24 -52.64 | 101.14 -0.64 -110.06 | 65.79 2.17 -35.43 | 60.99 3.47 -12.68 | 62.23 2.75 -24.33 | 45.02 2.64 -7.25 | 39.25 1.73 -13.25 | 35.11 0.60 -25.35 |
| SHOREHAM_IC_1 23715 | 63.46 3.24 -21.09 | 45.06 0.36 -40.07 | 46.56 0.61 -38.49 | 40.01 1.12 -25.54 | 39.89 1.35 -25.25 | 43.81 2.63 -16.41 | 42.63 2.90 -15.08 | 66.45 6.32 -2.93 | 96.06 3.91 -62.38 | 94.42 5.18 -50.80 | 76.39 6.13 -26.21 | 82.32 4.46 -44.43 | 62.84 6.51 -6.96 | 67.20 4.24 -30.60 | 64.47 3.48 -35.63 | 72.45 3.61 -45.32 | 87.63 2.56 -68.94 | 173.70 -1.27 -183.25 | 324.96 4.00 -292.77 | 64.06 5.93 -13.29 | 126.76 5.21 -86.39 | 47.43 4.71 -7.60 | 42.05 3.39 -14.40 | 38.88 1.25 -28.47 |
| SHOREHAM_IC_2 23716 | 63.46 3.24 -21.09 | 45.06 0.36 -40.07 | 46.56 0.61 -38.49 | 40.01 1.12 -25.54 | 39.89 1.35 -25.25 | 43.81 2.63 -16.41 | 42.63 2.90 -15.08 | 66.45 6.32 -2.93 | 96.06 3.91 -62.38 | 94.42 5.18 -50.80 | 76.39 6.13 -26.21 | 82.32 4.46 -44.43 | 62.84 6.51 -6.96 | 67.20 4.24 -30.60 | 64.47 3.48 -35.63 | 72.45 3.61 -45.32 | 87.63 2.56 -68.94 | 173.70 -1.27 -183.25 | 324.96 4.00 -292.77 | 64.06 5.93 -13.29 | 126.76 5.21 -86.39 | 47.43 4.71 -7.60 | 42.05 3.39 -14.40 | 38.88 1.25 -28.47 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SISSONVILLE____ 23735 | 37.89 -1.24 0.00 | 4.43 -0.20 0.00 | 7.14 -0.32 0.00 | 12.84 -0.51 0.00 | 12.76 -0.54 0.00 | 23.82 -0.94 0.00 | 23.48 -1.06 0.11 | 54.64 -2.31 0.24 | 23.51 -1.41 4.84 | 33.70 -1.72 3.02 | 42.50 -1.40 0.15 | 28.62 -1.35 3.45 | 46.74 -2.06 0.57 | 28.14 -1.69 2.55 | 22.40 -1.37 1.59 | 21.49 -1.24 0.79 | 12.52 -0.90 2.72 | -4.54 0.45 -3.29 | 26.75 -1.44 0.00 | 43.08 -2.29 -0.53 | 33.99 -2.18 -1.01 | 33.74 -1.69 -0.30 | 22.91 -1.12 0.24 | 7.40 -0.48 1.27 |
| SITHE_IND_GS1 24169 | 38.56 -0.84 -0.29 | 7.25 -0.08 -2.71 | 9.93 -0.13 -2.60 | 14.82 -0.25 -1.72 | 14.77 -0.24 -1.71 | 25.35 -0.52 -1.11 | 24.98 -0.60 -0.93 | 55.70 -1.49 0.00 | 29.07 -0.69 0.00 | 37.48 -0.96 0.00 | 42.90 -1.15 0.00 | 32.60 -0.83 0.00 | 48.03 -1.34 0.00 | 31.65 -0.76 -0.04 | 25.94 -0.59 -1.17 | 24.46 -0.56 -1.51 | 17.62 -0.36 -1.84 | 1.96 0.18 -10.07 | 30.01 -0.68 -2.51 | 44.97 -1.14 -1.26 | 36.74 -0.84 -2.42 | 34.94 -0.91 -0.72 | 24.42 -0.61 -0.77 | 9.90 -0.20 -0.95 |
| SITHE_IND_GS2 24170 | 38.56 -0.84 -0.29 | 7.25 -0.08 -2.71 | 9.93 -0.13 -2.60 | 14.82 -0.25 -1.72 | 14.77 -0.24 -1.71 | 25.35 -0.52 -1.11 | 24.98 -0.60 -0.93 | 55.70 -1.49 0.00 | 29.07 -0.69 0.00 | 37.48 -0.96 0.00 | 42.90 -1.15 0.00 | 32.60 -0.83 0.00 | 48.03 -1.34 0.00 | 31.65 -0.76 -0.04 | 25.94 -0.59 -1.17 | 24.46 -0.56 -1.51 | 17.62 -0.36 -1.84 | 1.96 0.18 -10.07 | 30.01 -0.68 -2.51 | 44.97 -1.14 -1.26 | 36.74 -0.84 -2.42 | 34.94 -0.91 -0.72 | 24.42 -0.61 -0.77 | 9.90 -0.20 -0.95 |
| SITHE_IND_GS3 24171 | 38.56 -0.84 -0.29 | 7.25 -0.08 -2.71 | 9.93 -0.13 -2.60 | 14.82 -0.25 -1.72 | 14.77 -0.24 -1.71 | 25.35 -0.52 -1.11 | 24.98 -0.60 -0.93 | 55.70 -1.49 0.00 | 29.07 -0.69 0.00 | 37.48 -0.96 0.00 | 42.90 -1.15 0.00 | 32.60 -0.83 0.00 | 48.03 -1.34 0.00 | 31.65 -0.76 -0.04 | 25.94 -0.59 -1.17 | 24.46 -0.56 -1.51 | 17.62 -0.36 -1.84 | 1.96 0.18 -10.07 | 30.01 -0.68 -2.51 | 44.97 -1.14 -1.26 | 36.74 -0.84 -2.42 | 34.94 -0.91 -0.72 | 24.42 -0.61 -0.77 | 9.90 -0.20 -0.95 |
| SITHE_IND_GS4 24172 | 38.56 -0.84 -0.29 | 7.25 -0.08 -2.71 | 9.93 -0.13 -2.60 | 14.82 -0.25 -1.72 | 14.77 -0.24 -1.71 | 25.35 -0.52 -1.11 | 24.98 -0.60 -0.93 | 55.70 -1.49 0.00 | 29.07 -0.69 0.00 | 37.48 -0.96 0.00 | 42.90 -1.15 0.00 | 32.60 -0.83 0.00 | 48.03 -1.34 0.00 | 31.65 -0.76 -0.04 | 25.94 -0.59 -1.17 | 24.46 -0.56 -1.51 | 17.62 -0.36 -1.84 | 1.96 0.18 -10.07 | 30.01 -0.68 -2.51 | 44.97 -1.14 -1.26 | 36.74 -0.84 -2.42 | 34.94 -0.91 -0.72 | 24.42 -0.61 -0.77 | 9.90 -0.20 -0.95 |
| SITHE____BATAVIA 24024 | 40.14 0.42 -0.59 | 10.40 0.18 -5.60 | 13.09 0.24 -5.38 | 17.29 0.37 -3.57 | 17.18 0.35 -3.53 | 27.27 0.21 -2.29 | 26.51 -0.22 -2.08 | 55.88 0.11 1.42 | 36.54 -0.13 -6.91 | 42.71 -0.04 -4.32 | 44.09 -0.18 -0.22 | 37.97 -0.28 -4.84 | 49.59 -0.49 -0.71 | 35.61 -0.36 -3.60 | 30.04 -0.41 -5.09 | 27.94 -0.52 -4.93 | 23.76 -0.17 -7.80 | 13.61 0.04 -21.86 | 34.07 -0.14 -6.03 | 44.50 -0.13 0.21 | 40.34 0.20 -4.98 | 36.57 -0.05 -1.49 | 26.10 -0.45 -2.29 | 12.82 -0.20 -3.86 |
| SITHE____INDEPEND 23800 | 38.56 -0.84 -0.29 | 7.25 -0.08 -2.71 | 9.93 -0.13 -2.60 | 14.82 -0.25 -1.72 | 14.77 -0.24 -1.71 | 25.35 -0.52 -1.11 | 24.98 -0.60 -0.93 | 55.70 -1.49 0.00 | 29.07 -0.69 0.00 | 37.48 -0.96 0.00 | 42.90 -1.15 0.00 | 32.60 -0.83 0.00 | 48.03 -1.34 0.00 | 31.65 -0.76 -0.04 | 25.94 -0.59 -1.17 | 24.46 -0.56 -1.51 | 17.62 -0.36 -1.84 | 1.96 0.18 -10.07 | 30.01 -0.68 -2.51 | 44.97 -1.14 -1.26 | 36.74 -0.84 -2.42 | 34.94 -0.91 -0.72 | 24.42 -0.61 -0.77 | 9.90 -0.20 -0.95 |
| SITHE____MASSENA 23902 | 38.34 -0.78 0.00 | 4.50 -0.13 0.00 | 7.25 -0.21 0.00 | 13.01 -0.34 0.00 | 12.93 -0.37 0.00 | 24.10 -0.66 0.00 | 23.83 -0.71 0.11 | 55.36 -1.58 0.25 | 23.81 -0.95 5.01 | 34.19 -1.12 3.13 | 42.94 -0.96 0.16 | 29.06 -0.79 3.57 | 47.56 -1.22 0.59 | 28.81 -0.98 2.58 | 22.86 -0.79 1.71 | 21.87 -0.69 0.97 | 12.71 -0.51 2.91 | -6.06 0.26 -1.96 | 27.06 -0.81 0.32 | 43.95 -1.25 -0.36 | 34.56 -1.29 -0.69 | 34.40 -0.93 -0.21 | 23.29 -0.64 0.33 | 7.57 -0.28 1.31 |
| SITHE____OGDNSBRG 24021 | 38.45 -0.67 0.00 | 4.50 -0.13 0.00 | 7.25 -0.21 0.00 | 13.03 -0.31 0.00 | 12.95 -0.35 0.00 | 24.17 -0.59 0.00 | 23.93 -0.61 0.11 | 55.65 -1.29 0.24 | 24.02 -0.84 4.91 | 34.43 -0.94 3.07 | 43.29 -0.61 0.15 | 29.29 -0.63 3.50 | 47.80 -0.99 0.58 | 28.89 -0.92 2.56 | 22.95 -0.77 1.64 | 21.99 -0.67 0.86 | 12.84 -0.50 2.79 | -5.26 0.25 -2.78 | 27.33 -0.74 0.12 | 44.15 -1.15 -0.46 | 34.74 -1.30 -0.89 | 34.47 -0.91 -0.27 | 23.34 -0.64 0.28 | 7.57 -0.30 1.29 |
| SITHE____STERLING 23777 | 40.25 0.94 -0.19 | 6.54 0.12 -1.80 | 9.38 0.19 -1.73 | 14.82 0.32 -1.15 | 14.77 0.34 -1.14 | 26.23 0.73 -0.74 | 26.01 0.85 -0.51 | 59.01 2.06 0.24 | 26.13 1.14 4.79 | 36.92 1.48 2.99 | 45.50 1.59 0.15 | 31.27 1.26 3.41 | 50.72 1.92 0.56 | 31.08 1.21 2.51 | 25.53 0.89 0.73 | 24.66 0.79 -0.35 | 15.34 0.56 1.36 | 2.45 -0.29 -11.02 | 30.97 0.88 -1.91 | 47.73 1.39 -1.50 | 39.19 1.16 -2.87 | 37.00 1.01 -0.86 | 25.20 0.59 -0.35 | 8.73 0.21 0.64 |
| SOUTH CAIRO____GT 23612 | 46.15 2.45 -4.58 | 48.08 0.30 -43.15 | 49.39 0.48 -41.45 | 41.72 0.86 -27.51 | 41.38 0.88 -27.19 | 44.19 1.75 -17.68 | 42.98 1.88 -16.45 | 65.34 4.51 -3.63 | 105.13 2.40 -72.97 | 87.12 3.10 -45.58 | 49.83 3.49 -2.28 | 88.05 2.65 -51.97 | 62.09 4.10 -8.61 | 72.83 2.68 -37.78 | 68.43 2.09 -40.98 | 60.93 1.92 -35.49 | 85.13 1.35 -67.64 | 109.41 -0.70 -118.39 | 71.41 2.40 -40.83 | 61.85 3.75 -13.26 | 63.52 2.92 -25.44 | 45.52 2.81 -7.59 | 42.02 1.87 -15.88 | 42.75 0.67 -32.93 |
| SOUTH HAMPTN____IC 23720 | 64.01 3.80 -21.09 | 45.12 0.43 -40.07 | 46.66 0.71 -38.49 | 40.20 1.31 -25.54 | 40.07 1.52 -25.25 | 44.15 2.98 -16.41 | 42.98 3.25 -15.08 | 67.33 7.20 -2.93 | 96.50 4.35 -62.38 | 95.03 5.79 -50.80 | 77.06 6.80 -26.21 | 82.88 5.03 -44.43 | 63.94 7.62 -6.96 | 67.94 4.97 -30.60 | 65.01 4.03 -35.63 | 72.78 3.94 -45.32 | 87.85 2.77 -68.94 | 175.49 -1.40 -185.17 | 330.80 4.68 -297.93 | 65.11 6.98 -13.29 | 129.75 5.86 -88.73 | 47.87 5.14 -7.60 | 42.31 3.64 -14.40 | 38.98 1.34 -28.47 |
| SOUTHOLD____IC 23719 | 64.52 4.31 -21.09 | 45.18 0.49 -40.07 | 46.75 0.80 -38.49 | 40.36 1.47 -25.54 | 40.23 1.68 -25.25 | 44.48 3.30 -16.41 | 43.33 3.60 -15.08 | 68.20 8.08 -2.93 | 96.97 4.82 -62.38 | 95.70 6.46 -50.80 | 77.79 7.53 -26.21 | 83.45 5.59 -44.43 | 64.75 8.42 -6.96 | 68.48 5.52 -30.60 | 65.43 4.44 -35.63 | 73.15 4.31 -45.32 | 88.11 3.03 -68.94 | 175.32 -1.50 -185.11 | 330.52 4.57 -297.76 | 65.67 7.54 -13.29 | 130.24 6.43 -88.65 | 48.39 5.66 -7.60 | 42.63 3.96 -14.40 | 39.08 1.45 -28.47 |
| ST LAWRENCE____ 23600 | 37.96 -1.16 0.00 | 4.45 -0.17 0.00 | 7.18 -0.28 0.00 | 12.89 -0.46 0.00 | 12.81 -0.49 0.00 | 23.89 -0.88 0.00 | 23.67 -0.87 0.11 | 54.93 -2.01 0.25 | 23.60 -1.13 5.04 | 33.94 -1.35 3.15 | 42.57 -1.33 0.16 | 28.75 -1.08 3.59 | 47.14 -1.64 0.60 | 28.55 -1.23 2.59 | 22.65 -0.97 1.74 | 21.66 -0.86 1.01 | 12.56 -0.63 2.95 | -6.27 0.33 -1.68 | 26.77 -1.03 0.38 | 43.58 -1.58 -0.32 | 34.36 -1.43 -0.62 | 34.11 -1.20 -0.19 | 23.10 -0.81 0.35 | 7.51 -0.32 1.32 |
| STATION 5_MISC_HYD 23604 | 39.89 0.27 -0.50 | 9.46 0.10 -4.73 | 12.16 0.15 -4.55 | 16.60 0.23 -3.02 | 16.52 0.24 -2.98 | 26.88 0.18 -1.94 | 26.36 -0.04 -1.75 | 56.55 0.16 0.80 | 35.44 0.07 -5.59 | 42.10 0.16 -3.50 | 44.28 0.05 -0.17 | 37.36 -0.06 -4.00 | 49.68 -0.29 -0.60 | 35.31 0.02 -2.92 | 29.52 -0.05 -4.21 | 27.52 -0.13 -4.12 | 22.86 0.01 -6.71 | 10.23 -0.04 -18.56 | 33.47 0.09 -5.19 | 46.24 0.15 -1.25 | 39.71 0.31 -4.24 | 36.50 0.11 -1.26 | 26.03 -0.15 -1.92 | 12.27 -0.08 -3.20 |

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|------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|--------------------------|-------------------------|---------------------------|-------------------------|--------------------------|-------------------------|-------------------------|---------------------------|----------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 40.22 0.58 -0.51 | 9.59 0.12 -4.85 | 12.30 0.18 -4.66 | 16.74 0.30 -3.09 | 16.67 0.32 -3.05 | 27.18 0.44 -1.99 | 26.76 0.32 -1.79 | 58.50 1.02 -0.28 | 36.02 0.55 -5.70 | 42.72 0.72 -3.56 | 44.93 0.69 -0.18 | 37.97 0.49 -4.07 | 50.62 0.58 -0.67 | 35.87 0.52 -2.98 | 30.03 0.36 -4.31 | 28.02 0.27 -4.22 | 23.44 0.28 -7.03 | 10.61 -0.17 -19.07 | 34.35 0.54 -5.62 | 47.96 0.85 -2.27 | 40.30 0.79 -4.35 | 36.99 0.57 -1.30 | 26.44 0.19 -1.99 | 12.48 0.05 -3.27 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 39.79 0.17 -0.50 | 9.43 0.08 -4.72 | 12.11 0.12 -4.53 | 16.54 0.18 -3.01 | 16.47 0.20 -2.97 | 26.82 0.13 -1.93 | 26.32 -0.08 -1.74 | 57.33 0.05 -0.09 | 35.38 0.04 -5.57 | 42.03 0.12 -3.48 | 44.25 0.02 -0.17 | 37.32 -0.08 -3.98 | 49.72 -0.31 -0.66 | 35.28 -0.01 -2.91 | 29.49 -0.06 -4.20 | 27.50 -0.13 -4.11 | 22.84 0.00 -6.70 | 10.18 -0.04 -18.50 | 33.66 0.07 -5.41 | 46.33 0.10 -1.38 | 39.64 0.26 -4.22 | 36.43 0.05 -1.26 | 26.01 -0.18 -1.93 | 12.25 -0.09 -3.18 |
| STEEL___WIND 323596 | 39.96 0.14 -0.70 | 11.42 0.15 -6.64 | 14.05 0.21 -6.38 | 17.88 0.30 -4.23 | 17.75 0.27 -4.18 | 27.47 -0.01 -2.72 | 26.58 -0.54 -2.47 | 96.32 -0.58 -39.71 | 37.69 -0.65 -8.57 | 43.04 -0.74 -5.34 | 43.11 -1.21 -0.27 | 38.48 -0.88 -5.94 | 51.49 -1.35 -3.47 | 35.84 -1.03 -4.49 | 30.61 -0.96 -6.21 | 28.49 -1.06 -6.02 | 29.65 -0.52 -14.04 | 18.29 0.22 -26.36 | 45.85 -0.77 -18.44 | 70.07 -0.98 -26.20 | 40.83 -0.29 -5.96 | 36.39 -0.50 -1.76 | 27.21 -0.71 -3.66 | 13.58 -0.28 -4.70 |
| STEBEN_REC_LFGE 323667 | 41.63 1.55 -0.96 | 13.89 0.27 -9.00 | 16.51 0.40 -8.65 | 19.72 0.63 -5.74 | 19.64 0.66 -5.67 | 29.46 1.02 -3.69 | 28.80 0.79 -3.36 | 73.03 2.37 -13.47 | 42.66 0.73 -12.16 | 46.66 0.63 -7.59 | 44.68 0.24 -0.38 | 42.31 0.28 -8.60 | 52.19 0.56 -2.25 | 38.97 0.25 -6.35 | 34.01 0.03 -8.62 | 31.72 -0.07 -8.27 | 31.46 0.14 -15.19 | 27.14 -0.08 -35.51 | 42.72 0.39 -14.15 | 56.42 0.84 -10.73 | 44.21 1.02 -8.03 | 38.42 0.90 -2.39 | 28.86 0.46 -4.14 | 15.85 0.17 -6.52 |
| STONY___BROOK 24151 | 64.14 3.93 -21.09 | 45.14 0.45 -40.07 | 46.70 0.74 -38.49 | 40.25 1.36 -25.54 | 40.05 1.50 -25.25 | 44.12 2.94 -16.41 | 42.89 3.16 -15.08 | 67.37 7.25 -2.93 | 96.35 4.20 -62.38 | 94.79 5.56 -50.80 | 76.45 6.19 -26.21 | 82.43 4.57 -44.43 | 63.34 7.01 -6.96 | 67.54 4.57 -30.60 | 64.69 3.70 -35.63 | 72.38 3.54 -45.32 | 87.55 2.48 -68.94 | 164.45 -1.27 -174.01 | 300.24 4.34 -267.71 | 64.63 6.49 -13.29 | 115.58 5.33 -75.09 | 47.42 4.69 -7.60 | 41.96 3.30 -14.40 | 38.85 1.22 -28.47 |
| STURGEON_POOL_HYD 23609 | 46.05 2.74 -4.19 | 44.45 0.36 -39.47 | 45.94 0.56 -37.92 | 39.50 0.99 -25.16 | 39.16 0.99 -24.87 | 42.96 2.03 -16.17 | 41.79 2.21 -14.93 | 65.50 5.26 -3.05 | 93.72 2.75 -61.20 | 80.25 3.58 -38.23 | 49.99 4.02 -1.92 | 80.05 3.04 -43.58 | 61.46 4.86 -7.22 | 67.30 3.18 -31.75 | 64.05 2.53 -36.16 | 57.97 2.35 -32.09 | 77.35 1.65 -59.57 | 105.69 -0.85 -114.82 | 69.18 2.88 -38.11 | 62.51 4.60 -13.07 | 63.86 3.63 -25.07 | 46.07 3.46 -7.48 | 41.06 2.29 -14.51 | 38.87 0.79 -28.92 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 35.24 2.37 6.25 | 40.88 0.31 -35.94 | 42.47 0.49 -34.53 | 37.13 0.86 -22.91 | 36.81 0.86 -22.65 | 41.25 1.76 -14.72 | 40.06 1.88 -13.52 | 64.27 4.46 -2.62 | 81.17 2.30 -49.11 | 59.96 2.96 -18.57 | 24.08 3.31 23.28 | 70.91 2.52 -34.96 | 59.62 4.04 -6.21 | 62.38 2.66 -27.35 | 59.99 2.11 -32.51 | 54.91 1.96 -29.43 | 70.98 1.39 -53.45 | 101.90 -0.72 -110.91 | 66.42 2.43 -35.80 | 61.49 3.89 -12.76 | 62.73 3.09 -24.49 | 45.39 2.96 -7.30 | 39.63 1.95 -13.41 | 35.63 0.68 -25.79 |
| SYNERGY___BIOGAS 323694 | 40.14 0.42 -0.59 | 10.40 0.18 -5.60 | 13.09 0.24 -5.38 | 17.29 0.37 -3.57 | 17.18 0.35 -3.53 | 27.27 0.21 -2.29 | 26.51 -0.22 -2.08 | 55.88 0.11 1.42 | 36.54 -0.13 -6.91 | 42.71 -0.04 -4.32 | 44.09 -0.18 -0.22 | 37.97 -0.28 -4.84 | 49.59 -0.49 -0.71 | 35.61 -0.36 -3.60 | 30.04 -0.41 -5.09 | 27.94 -0.52 -4.93 | 23.76 -0.17 -7.80 | 13.61 0.04 -21.86 | 34.07 -0.14 -6.03 | 44.50 -0.13 0.21 | 40.34 0.20 -4.98 | 36.57 -0.05 -1.49 | 26.10 -0.45 -2.29 | 12.82 -0.20 -3.86 |
| SYRACUSE___ENERGY_ST1 323597 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| SYRACUSE___ENERGY_ST2 323598 | 39.64 0.08 -0.44 | 8.85 0.04 -4.19 | 11.54 0.06 -4.02 | 16.08 0.07 -2.67 | 16.03 0.09 -2.64 | 26.57 0.09 -1.72 | 26.15 0.06 -1.44 | 57.37 0.18 0.00 | 29.92 0.16 0.00 | 38.57 0.14 0.00 | 44.14 0.09 0.00 | 33.53 0.11 0.00 | 49.49 0.12 0.00 | 32.60 0.16 -0.07 | 27.34 0.12 -1.85 | 25.99 0.07 -2.40 | 19.15 0.09 -2.92 | 7.64 -0.05 -15.98 | 32.30 0.14 -3.98 | 47.05 0.20 -2.00 | 39.20 0.19 -3.85 | 36.35 0.07 -1.15 | 25.50 0.02 -1.23 | 10.65 0.01 -1.48 |
| SYRACUSE___POWER 24017 | 39.68 0.10 -0.46 | 9.02 0.04 -4.36 | 11.70 0.06 -4.18 | 16.19 0.07 -2.78 | 16.14 0.09 -2.75 | 26.66 0.12 -1.78 | 26.23 0.09 -1.50 | 57.45 0.26 0.00 | 29.95 0.18 0.00 | 38.65 0.21 0.00 | 44.23 0.17 0.00 | 33.60 0.17 0.00 | 49.58 0.21 0.00 | 32.65 0.21 -0.07 | 27.47 0.16 -1.95 | 26.17 0.12 -2.53 | 19.34 0.12 -3.08 | 8.49 -0.07 -16.85 | 32.58 0.20 -4.20 | 47.22 0.27 -2.11 | 39.47 0.26 -4.05 | 36.46 0.12 -1.21 | 25.60 0.04 -1.29 | 10.73 0.02 -1.55 |
| TRIGEN___CC 323695 | 63.82 3.61 -21.09 | 45.11 0.42 -40.07 | 46.63 0.68 -38.49 | 40.12 1.23 -25.54 | 39.84 1.29 -25.25 | 43.76 2.58 -16.41 | 42.47 2.74 -15.08 | 66.45 6.32 -2.93 | 95.65 3.50 -62.38 | 93.83 4.59 -50.80 | 75.32 5.06 -26.21 | 81.60 3.74 -44.43 | 62.22 5.90 -6.96 | 66.84 3.87 -30.60 | 64.11 3.12 -35.63 | 71.74 2.90 -45.32 | 87.09 2.01 -68.94 | 126.07 -1.02 -135.38 | 189.87 3.43 -158.25 | 63.42 5.31 -13.28 | 67.34 4.26 -27.93 | 46.65 3.92 -7.60 | 41.38 2.72 -14.40 | 38.62 0.99 -28.47 |
| UNION___PROCESSING_DRP 323587 | 39.84 0.21 -0.51 | 9.49 0.09 -4.77 | 12.18 0.13 -4.58 | 16.60 0.21 -3.04 | 16.53 0.22 -3.00 | 26.85 0.14 -1.95 | 26.33 -0.08 -1.76 | 57.34 0.06 -0.09 | 35.44 0.03 -5.64 | 42.06 0.10 -3.52 | 44.21 -0.02 -0.18 | 37.33 -0.11 -4.03 | 49.68 -0.35 -0.67 | 35.27 -0.05 -2.95 | 29.52 -0.09 -4.25 | 27.51 -0.17 -4.16 | 22.90 -0.02 -6.78 | 10.38 -0.03 -18.70 | 33.69 0.04 -5.47 | 46.31 0.07 -1.39 | 39.68 0.25 -4.27 | 36.45 0.04 -1.27 | 26.03 -0.19 -1.95 | 12.29 -0.09 -3.22 |
| UPPER HUDSON___HYD 24058 | 50.40 2.99 -8.29 | 63.81 0.36 -58.83 | 64.54 0.57 -56.51 | 51.84 0.99 -37.50 | 51.25 0.88 -37.07 | 50.22 1.36 -24.10 | 49.38 1.37 -23.35 | 67.70 3.51 -7.00 | 173.35 1.90 -141.69 | 132.06 2.37 -91.25 | 56.44 2.73 -9.65 | 136.66 2.08 -101.16 | 69.08 3.04 -16.67 | 107.18 2.14 -72.66 | 93.66 1.49 -66.81 | 77.31 1.28 -52.51 | 128.22 0.91 -111.17 | 112.36 -0.50 -121.14 | 82.02 1.70 -52.14 | 59.54 2.58 -12.12 | 60.25 1.83 -23.26 | 43.85 1.78 -6.94 | 48.14 1.42 -22.45 | 64.20 0.71 -54.33 |
| UPPER RAQUET___HYD 24056 | 37.89 -1.24 0.00 | 4.43 -0.20 0.00 | 7.14 -0.32 0.00 | 12.84 -0.51 0.00 | 12.76 -0.54 0.00 | 23.82 -0.94 0.00 | 23.48 -1.06 0.11 | 54.64 -2.31 0.24 | 23.51 -1.41 4.84 | 33.70 -1.72 3.02 | 42.50 -1.40 0.15 | 28.62 -1.35 3.45 | 46.74 -2.06 0.57 | 28.14 -1.69 2.55 | 22.40 -1.37 1.59 | 21.49 -1.24 0.79 | 12.52 -0.90 2.72 | -4.54 0.45 -3.29 | 26.75 -1.44 0.00 | 43.08 -2.29 -0.53 | 33.99 -2.18 -1.01 | 33.74 -1.69 -0.30 | 22.91 -1.12 0.24 | 7.40 -0.48 1.27 |

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|--------------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|----------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WEST BABYLON___IC 23714 | 64.46 4.25 -21.09 | 45.18 0.49 -40.07 | 46.75 0.80 -38.49 | 40.35 1.46 -25.54 | 40.11 1.57 -25.25 | 44.26 3.08 -16.41 | 42.96 3.23 -15.08 | 67.58 7.45 -2.93 | 96.37 4.22 -62.38 | 94.81 5.58 -50.80 | 76.36 6.10 -26.21 | 82.39 4.53 -44.43 | 63.32 7.00 -6.96 | 67.55 4.58 -30.60 | 64.71 3.72 -35.63 | 72.34 3.50 -45.32 | 87.51 2.44 -68.94 | 132.19 -1.24 -141.71 | 214.87 4.21 -182.47 | 64.48 6.35 -13.28 | 76.04 5.22 -35.66 | 47.39 4.67 -7.60 | 41.98 3.32 -14.40 | 38.86 1.23 -28.47 |
| WEST CANADA___HYD 24049 | 39.06 0.05 0.11 | 3.60 0.01 1.04 | 6.48 0.02 1.00 | 12.71 0.02 0.66 | 12.67 0.03 0.66 | 24.39 0.06 0.43 | 24.01 0.07 0.70 | 56.59 0.17 0.77 | 14.38 0.10 15.49 | 28.88 0.12 9.68 | 43.66 0.09 0.49 | 22.46 0.08 11.04 | 47.66 0.12 1.83 | 24.61 0.10 7.86 | 20.26 0.08 5.18 | 20.54 0.05 3.03 | 7.39 0.05 8.79 | -3.69 -0.02 -4.62 | 27.01 0.06 1.23 | 45.84 0.09 -0.91 | 37.01 0.11 -1.75 | 35.73 0.08 -0.52 | 23.24 0.05 1.07 | 5.08 0.03 4.10 |
| WESTERN_NY_WIND 24143 | 40.09 0.37 -0.60 | 10.48 0.17 -5.68 | 13.15 0.23 -5.46 | 17.32 0.35 -3.62 | 17.21 0.33 -3.58 | 27.26 0.17 -2.33 | 26.48 -0.27 -2.11 | 55.93 -0.01 1.25 | 36.59 -0.21 -7.03 | 42.69 -0.14 -4.39 | 43.99 -0.28 -0.22 | 37.97 -0.37 -4.91 | 49.52 -0.59 -0.74 | 35.58 -0.45 -3.66 | 30.06 -0.48 -5.17 | 27.95 -0.58 -5.01 | 23.82 -0.22 -7.90 | 13.94 0.06 -22.17 | 34.13 -0.22 -6.16 | 44.28 -0.24 0.32 | 40.32 0.11 -5.05 | 36.52 -0.12 -1.51 | 26.09 -0.51 -2.33 | 12.86 -0.22 -3.92 |
| WESTOVER___LESR 323668 | 41.40 0.88 -1.40 | 17.96 0.14 -13.20 | 20.36 0.21 -12.68 | 22.11 0.34 -8.41 | 21.99 0.37 -8.32 | 30.83 0.66 -5.41 | 30.25 0.63 -4.96 | 61.86 1.76 -2.91 | 49.66 0.81 -19.08 | 51.39 1.03 -11.92 | 45.67 1.01 -0.60 | 47.83 0.84 -13.57 | 53.11 1.37 -2.37 | 43.16 0.83 -9.96 | 39.17 0.63 -13.18 | 36.59 0.58 -12.48 | 38.38 0.45 -21.78 | 43.89 -0.23 -52.41 | 45.50 0.79 -16.53 | 53.56 1.33 -7.38 | 48.11 1.14 -11.81 | 39.65 0.99 -3.52 | 30.68 0.58 -5.84 | 19.31 0.21 -9.94 |
| WETHRSFD_WT_PWR 323626 | 40.20 0.28 -0.81 | 12.38 0.14 -7.62 | 14.98 0.20 -7.32 | 18.47 0.26 -4.85 | 18.35 0.25 -4.80 | 27.92 0.04 -3.12 | 27.13 -0.36 -2.84 | 86.71 -0.31 -29.83 | 39.17 -0.63 -10.03 | 43.85 -0.84 -6.26 | 42.92 -1.45 -0.31 | 39.25 -1.19 -7.02 | 50.78 -1.66 -3.07 | 36.45 -1.16 -5.24 | 31.46 -1.09 -7.18 | 29.28 -1.16 -6.92 | 29.49 -0.62 -13.97 | 22.03 0.31 -30.01 | 44.10 -0.89 -16.81 | 60.95 -1.08 -17.18 | 41.56 -0.39 -6.79 | 36.66 -0.49 -2.02 | 27.58 -0.57 -3.89 | 14.39 -0.20 -5.44 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 32.56 2.59 9.15 | 41.73 0.34 -36.77 | 43.32 0.53 -35.32 | 37.74 0.95 -23.44 | 37.40 0.94 -23.17 | 41.75 1.92 -15.06 | 40.52 2.04 -13.83 | 64.70 4.83 -2.68 | 81.64 2.47 -49.40 | 56.99 3.19 -15.37 | 17.39 3.54 30.20 | 71.31 2.72 -35.17 | 60.11 4.38 -6.36 | 63.27 2.89 -28.01 | 60.76 2.29 -33.11 | 55.54 2.13 -29.89 | 72.11 1.52 -54.45 | 102.87 -0.79 -111.95 | 67.10 2.66 -36.26 | 61.97 4.26 -12.87 | 63.23 3.38 -24.68 | 45.72 3.24 -7.36 | 40.00 2.13 -13.61 | 36.23 0.74 -26.33 |
| YORK___WARBASSE 23770 | 65.16 3.27 -22.77 | 45.07 0.43 -40.01 | 46.58 0.68 -38.44 | 40.06 1.20 -25.51 | 39.73 1.21 -25.22 | 43.65 2.49 -16.39 | 42.36 2.65 -15.06 | 66.33 6.21 -2.93 | 94.94 3.28 -61.89 | 91.82 4.31 -49.08 | 72.12 4.77 -23.30 | 81.09 3.58 -44.08 | 62.18 5.87 -6.95 | 66.71 3.78 -30.55 | 63.78 2.99 -35.43 | 58.02 2.79 -31.71 | 76.35 1.89 -58.32 | 106.79 -0.97 -116.04 | 69.57 3.33 -38.05 | 63.47 5.36 -13.27 | 64.95 4.32 -25.47 | 46.89 4.16 -7.60 | 41.45 2.80 -14.39 | 38.57 0.98 -28.44 |