

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/19/2019

| 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 | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 48.10 | 49.77 | 46.39 | 46.14 | 45.48 | 47.22 | 41.45 | 41.18 | 55.27 | 61.65 | 72.47 | 66.56 | 64.94 | 63.44 | 63.36 | 63.49 | 74.16 | 80.88 | 74.48 | 77.56 | 69.20 | 65.58 | 61.75 | 57.52 |
| 24138 | 2.81 | 2.47 | 2.25 | 2.13 | 2.25 | 2.45 | 2.94 | 3.73 | 3.93 | 3.69 | 4.11 | 3.76 | 3.31 | 3.29 | 3.62 | 4.25 | 5.71 | 6.19 | 6.24 | 5.92 | 5.22 | 4.03 | 3.74 | 3.18 |
| | -14.72 | -18.94 | -17.03 | -18.69 | -15.17 | -16.30 | -5.43 | -1.61 | -10.84 | -19.11 | -30.27 | -29.53 | -31.76 | -30.54 | -27.37 | -15.37 | -7.73 | -9.52 | -2.55 | -8.61 | -9.09 | -17.72 | -18.18 | -18.27 |
| 74TH STREET_GT_1 | 48.16 | 49.83 | 46.45 | 46.19 | 45.53 | 47.28 | 41.51 | 41.22 | 55.31 | 61.73 | 72.55 | 66.63 | 65.00 | 63.50 | 63.43 | 63.58 | 74.28 | 81.00 | 74.60 | 77.69 | 69.30 | 65.67 | 61.83 | 57.63 |
| 24260 | 2.87 | 2.52 | 2.30 | 2.18 | 2.30 | 2.51 | 3.01 | 3.76 | 3.97 | 3.77 | 4.19 | 3.82 | 3.37 | 3.34 | 3.69 | 4.34 | 5.83 | 6.32 | 6.37 | 6.05 | 5.32 | 4.12 | 3.82 | 3.28 |
| | -14.73 | -18.94 | -17.03 | -18.69 | -15.17 | -16.31 | -5.43 | -1.61 | -10.84 | -19.12 | -30.28 | -29.53 | -31.77 | -30.55 | -27.38 | -15.37 | -7.74 | -9.52 | -2.55 | -8.61 | -9.09 | -17.72 | -18.18 | -18.27 |
| 74TH STREET_GT_2 | 48.16 | 49.83 | 46.45 | 46.19 | 45.53 | 47.28 | 41.51 | 41.22 | 55.31 | 61.73 | 72.55 | 66.63 | 65.00 | 63.50 | 63.43 | 63.58 | 74.28 | 81.00 | 74.60 | 77.69 | 69.30 | 65.67 | 61.83 | 57.63 |
| 24261 | 2.87 | 2.52 | 2.30 | 2.18 | 2.30 | 2.51 | 3.01 | 3.76 | 3.97 | 3.77 | 4.19 | 3.82 | 3.37 | 3.34 | 3.69 | 4.34 | 5.83 | 6.32 | 6.37 | 6.05 | 5.32 | 4.12 | 3.82 | 3.28 |
| | -14.73 | -18.94 | -17.03 | -18.69 | -15.17 | -16.31 | -5.43 | -1.61 | -10.84 | -19.12 | -30.28 | -29.53 | -31.77 | -30.55 | -27.38 | -15.37 | -7.74 | -9.52 | -2.55 | -8.61 | -9.09 | -17.72 | -18.18 | -18.27 |
| ADK HUDSON___FALLS | 52.91 | 56.10 | 52.24 | 52.47 | 50.87 | 52.81 | 43.35 | 41.16 | 58.95 | 68.28 | 82.29 | 75.95 | 75.45 | 73.53 | 72.21 | 68.50 | 76.51 | 84.14 | 75.28 | 80.27 | 72.09 | 71.66 | 67.94 | 63.75 |
| 24011 | 2.57 | 2.30 | 2.25 | 2.05 | 2.44 | 2.45 | 2.98 | 3.16 | 3.89 | 3.77 | 3.54 | 3.03 | 2.93 | 2.90 | 3.08 | 3.99 | 5.40 | 6.19 | 6.17 | 5.68 | 4.99 | 4.03 | 3.70 | 3.14 |
| | -19.78 | -25.44 | -22.87 | -25.10 | -20.37 | -21.90 | -7.30 | -2.16 | -14.56 | -25.67 | -40.66 | -39.65 | -42.66 | -41.02 | -36.77 | -20.64 | -10.39 | -12.78 | -3.43 | -11.56 | -12.21 | -23.80 | -24.41 | -24.53 |
| ADK RESOURCE___RCVRY | 53.08 | 56.19 | 52.31 | 52.53 | 50.98 | 52.93 | 43.64 | 41.61 | 59.31 | 68.49 | 82.32 | 75.91 | 75.35 | 73.44 | 72.18 | 68.76 | 77.09 | 84.74 | 75.98 | 80.86 | 72.53 | 71.85 | 68.09 | 63.86 |
| 23798 | 2.91 | 2.61 | 2.52 | 2.33 | 2.72 | 2.76 | 3.34 | 3.62 | 4.38 | 4.20 | 3.92 | 3.33 | 3.20 | 3.17 | 3.37 | 4.43 | 6.07 | 6.90 | 6.89 | 6.36 | 5.54 | 4.43 | 4.06 | 3.46 |
| | -19.60 | -25.21 | -22.67 | -24.88 | -20.20 | -21.71 | -7.24 | -2.14 | -14.43 | -25.45 | -40.31 | -39.31 | -42.29 | -40.67 | -36.45 | -20.46 | -10.30 | -12.67 | -3.40 | -11.46 | -12.10 | -23.59 | -24.20 | -24.32 |
| ADK S GLENS___FALLS | 52.91 | 56.10 | 52.24 | 52.47 | 50.87 | 52.81 | 43.35 | 41.16 | 58.95 | 68.28 | 82.29 | 75.95 | 75.45 | 73.53 | 72.21 | 68.50 | 76.51 | 84.14 | 75.28 | 80.27 | 72.09 | 71.66 | 67.94 | 63.75 |
| 24028 | 2.57 | 2.30 | 2.25 | 2.05 | 2.44 | 2.45 | 2.98 | 3.16 | 3.89 | 3.77 | 3.54 | 3.03 | 2.93 | 2.90 | 3.08 | 3.99 | 5.40 | 6.19 | 6.17 | 5.68 | 4.99 | 4.03 | 3.70 | 3.14 |
| | -19.78 | -25.44 | -22.87 | -25.10 | -20.37 | -21.90 | -7.30 | -2.16 | -14.56 | -25.67 | -40.66 | -39.65 | -42.66 | -41.02 | -36.77 | -20.64 | -10.39 | -12.78 | -3.43 | -11.56 | -12.21 | -23.80 | -24.41 | -24.53 |
| ADK_NYS___DAM | 52.47 | 55.56 | 51.71 | 51.91 | 50.30 | 52.34 | 43.19 | 41.22 | 58.37 | 67.36 | 81.02 | 74.71 | 74.00 | 72.13 | 70.94 | 67.62 | 75.94 | 83.29 | 74.73 | 79.65 | 71.40 | 70.66 | 66.92 | 62.94 |
| 23527 | 2.63 | 2.41 | 2.30 | 2.13 | 2.38 | 2.53 | 3.01 | 3.26 | 3.69 | 3.50 | 3.31 | 2.80 | 2.57 | 2.55 | 2.75 | 3.64 | 5.10 | 5.67 | 5.71 | 5.35 | 4.61 | 3.64 | 3.30 | 2.96 |
| | -19.27 | -24.79 | -22.29 | -24.46 | -19.85 | -21.34 | -7.11 | -2.11 | -14.19 | -25.02 | -39.63 | -38.65 | -41.57 | -39.98 | -35.83 | -20.11 | -10.12 | -12.46 | -3.34 | -11.27 | -11.90 | -23.20 | -23.79 | -23.91 |
| AIR_PRODUCTS___DRP | 51.48 | 54.53 | 50.77 | 51.00 | 49.41 | 51.33 | 42.28 | 39.71 | 56.56 | 65.43 | 78.81 | 72.84 | 72.12 | 70.28 | 69.06 | 65.58 | 73.16 | 80.15 | 71.79 | 76.76 | 68.89 | 68.79 | 65.37 | 61.64 |
| 24190 | 1.96 | 1.79 | 1.74 | 1.62 | 1.82 | 1.88 | 2.22 | 1.79 | 2.10 | 1.98 | 1.75 | 1.56 | 1.37 | 1.36 | 1.46 | 1.93 | 2.49 | 2.74 | 2.82 | 2.65 | 2.30 | 2.15 | 2.15 | 2.06 |
| | -18.95 | -24.38 | -21.92 | -24.05 | -19.53 | -20.99 | -6.99 | -2.07 | -13.95 | -24.60 | -38.97 | -38.00 | -40.89 | -39.32 | -35.24 | -19.78 | -9.96 | -12.25 | -3.29 | -11.08 | -11.70 | -22.81 | -23.40 | -23.51 |
| ALBANY___1 | 51.48 | 54.53 | 50.77 | 51.00 | 49.41 | 51.33 | 42.28 | 39.71 | 56.56 | 65.43 | 78.81 | 72.84 | 72.12 | 70.28 | 69.06 | 65.58 | 73.16 | 80.15 | 71.79 | 76.76 | 68.89 | 68.79 | 65.37 | 61.64 |
| 23571 | 1.96 | 1.79 | 1.74 | 1.62 | 1.82 | 1.88 | 2.22 | 1.79 | 2.10 | 1.98 | 1.75 | 1.56 | 1.37 | 1.36 | 1.46 | 1.93 | 2.49 | 2.74 | 2.82 | 2.65 | 2.30 | 2.15 | 2.15 | 2.06 |
| | -18.95 | -24.38 | -21.92 | -24.05 | -19.53 | -20.99 | -6.99 | -2.07 | -13.95 | -24.60 | -38.97 | -38.00 | -40.89 | -39.32 | -35.24 | -19.78 | -9.96 | -12.25 | -3.29 | -11.08 | -11.70 | -22.81 | -23.40 | -23.51 |
| ALBANY___2 | 51.48 | 54.53 | 50.77 | 51.00 | 49.41 | 51.33 | 42.28 | 39.71 | 56.56 | 65.43 | 78.81 | 72.84 | 72.12 | 70.28 | 69.06 | 65.58 | 73.16 | 80.15 | 71.79 | 76.76 | 68.89 | 68.79 | 65.37 | 61.64 |
| 23572 | 1.96 | 1.79 | 1.74 | 1.62 | 1.82 | 1.88 | 2.22 | 1.79 | 2.10 | 1.98 | 1.75 | 1.56 | 1.37 | 1.36 | 1.46 | 1.93 | 2.49 | 2.74 | 2.82 | 2.65 | 2.30 | 2.15 | 2.15 | 2.06 |
| | -18.95 | -24.38 | -21.92 | -24.05 | -19.53 | -20.99 | -6.99 | -2.07 | -13.95 | -24.60 | -38.97 | -38.00 | -40.89 | -39.32 | -35.24 | -19.78 | -9.96 | -12.25 | -3.29 | -11.08 | -11.70 | -22.81 | -23.40 | -23.51 |
| ALBANY___3 | 51.48 | 54.53 | 50.77 | 51.00 | 49.41 | 51.33 | 42.28 | 39.71 | 56.56 | 65.43 | 78.81 | 72.84 | 72.12 | 70.28 | 69.06 | 65.58 | 73.16 | 80.15 | 71.79 | 76.76 | 68.89 | 68.79 | 65.37 | 61.64 |
| 23573 | 1.96 | 1.79 | 1.74 | 1.62 | 1.82 | 1.88 | 2.22 | 1.79 | 2.10 | 1.98 | 1.75 | 1.56 | 1.37 | 1.36 | 1.46 | 1.93 | 2.49 | 2.74 | 2.82 | 2.65 | 2.30 | 2.15 | 2.15 | 2.06 |
| | -18.95 | -24.38 | -21.92 | -24.05 | -19.53 | -20.99 | -6.99 | -2.07 | -13.95 | -24.60 | -38.97 | -38.00 | -40.89 | -39.32 | -35.24 | -19.78 | -9.96 | -12.25 | -3.29 | -11.08 | -11.70 | -22.81 | -23.40 | -23.51 |
| ALBANY___4 | 51.48 | 54.53 | 50.77 | 51.00 | 49.41 | 51.33 | 42.28 | 39.71 | 56.56 | 65.43 | 78.81 | 72.84 | 72.12 | 70.28 | 69.06 | 65.58 | 73.16 | 80.15 | 71.79 | 76.76 | 68.89 | 68.79 | 65.37 | 61.64 |
| 23574 | 1.96 | 1.79 | 1.74 | 1.62 | 1.82 | 1.88 | 2.22 | 1.79 | 2.10 | 1.98 | 1.75 | 1.56 | 1.37 | 1.36 | 1.46 | 1.93 | 2.49 | 2.74 | 2.82 | 2.65 | 2.30 | 2.15 | 2.15 | 2.06 |
| | -18.95 | -24.38 | -21.92 | -24.05 | -19.53 | -20.99 | -6.99 | -2.07 | -13.95 | -24.60 | -38.97 | -38.00 | -40.89 | -39.32 | -35.24 | -19.78 | -9.96 | -12.25 | -3.29 | -11.08 | -11.70 | -22.81 | -23.40 | -23.51 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGF 323615 | 52.01 2.23 -19.21 | 55.12 2.04 -24.71 | 51.31 1.98 -22.22 | 51.53 1.82 -24.38 | 49.93 2.08 -19.79 | 51.87 2.14 -21.27 | 42.71 2.55 -7.09 | 40.21 2.26 -2.10 | 57.32 2.67 -14.14 | 66.34 2.56 -24.94 | 79.95 2.36 -39.50 | 73.86 2.06 -38.52 | 73.18 1.88 -41.44 | 71.32 1.87 -39.85 | 70.05 1.97 -35.71 | 66.46 2.54 -20.05 | 74.27 3.46 -10.09 | 81.36 3.78 -12.42 | 72.89 3.87 -3.33 | 77.85 3.59 -11.23 | 69.88 3.13 -11.86 | 69.71 2.76 -23.12 | 66.21 2.67 -23.72 | 62.36 2.45 -23.83 |
| ALCOA_RYNLDS___DRP 24188 | 29.22 -1.34 0.00 | 27.23 -1.14 0.00 | 25.95 -1.17 0.00 | 24.26 -1.06 0.00 | 26.86 -1.21 0.00 | 27.27 -1.19 0.00 | 31.62 -1.45 0.00 | 34.34 -1.50 0.00 | 39.16 -1.34 0.00 | 37.91 -0.93 0.00 | 36.87 -1.22 0.00 | 31.97 -1.30 0.00 | 28.63 -1.23 0.00 | 28.42 -1.19 0.00 | 31.10 -1.26 0.00 | 43.39 -0.48 0.00 | 60.17 -0.55 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.29 -0.60 0.00 | 43.44 -0.40 0.00 | 39.39 -0.44 0.00 | 35.68 -0.40 0.00 |
| ALCOA___DSASP 323711 | 29.22 -1.34 0.00 | 27.23 -1.14 0.00 | 25.95 -1.17 0.00 | 24.26 -1.06 0.00 | 26.86 -1.21 0.00 | 27.27 -1.19 0.00 | 31.62 -1.45 0.00 | 34.34 -1.50 0.00 | 39.16 -1.34 0.00 | 37.91 -0.93 0.00 | 36.87 -1.22 0.00 | 31.97 -1.30 0.00 | 28.63 -1.23 0.00 | 28.42 -1.19 0.00 | 31.10 -1.26 0.00 | 43.39 -0.48 0.00 | 60.17 -0.55 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.29 -0.60 0.00 | 43.44 -0.40 0.00 | 39.39 -0.44 0.00 | 35.68 -0.40 0.00 |
| ALLEGHENY___COGEN 23514 | 34.17 1.07 -2.54 | 32.54 0.91 -3.26 | 31.05 1.00 -2.93 | 29.43 0.89 -3.22 | 31.74 1.07 -2.61 | 32.41 1.14 -2.81 | 35.53 1.52 -0.94 | 37.67 1.54 -0.28 | 43.05 0.69 -1.87 | 42.52 0.39 -3.29 | 44.68 0.69 -5.91 | 39.88 0.73 -5.88 | 36.69 0.75 -6.09 | 35.82 0.65 -5.57 | 37.44 0.36 -4.71 | 43.89 -2.63 -2.65 | 57.74 -4.31 -1.33 | 63.02 -3.78 -1.64 | 62.38 -3.74 -0.44 | 60.80 -3.72 -1.48 | 53.11 -3.35 -1.57 | 44.30 -2.59 -3.05 | 40.84 -2.11 -3.13 | 39.11 -0.11 -3.15 |
| ALTONA_WT_PWR 323606 | 30.11 -0.46 0.00 | 28.08 -0.28 0.00 | 26.71 -0.41 0.00 | 24.97 -0.35 0.00 | 27.67 -0.39 0.00 | 28.13 -0.34 0.00 | 32.71 -0.36 0.00 | 35.38 -0.47 0.00 | 40.26 -0.24 0.00 | 38.84 0.00 0.00 | 37.93 -0.15 0.00 | 33.04 -0.23 0.00 | 29.59 -0.27 0.00 | 29.40 -0.21 0.00 | 32.07 -0.29 0.00 | 44.27 0.39 0.00 | 61.39 0.67 0.00 | 65.69 0.52 0.00 | 66.27 0.59 0.00 | 63.73 0.69 0.00 | 55.49 0.60 0.00 | 44.36 0.53 0.00 | 40.22 0.40 0.00 | 36.36 0.29 0.00 |
| AMERICAN_REF_FUEL 24010 | 31.62 -1.19 -2.25 | 30.21 -1.05 -2.89 | 28.95 -0.76 -2.60 | 27.39 -0.79 -2.85 | 29.53 -0.84 -2.31 | 30.07 -0.88 -2.49 | 32.94 -0.96 -0.83 | 34.34 -1.76 -0.25 | 38.58 -3.48 -1.57 | 38.02 -3.61 -2.78 | 36.69 -3.12 -1.73 | 32.00 -2.50 -1.23 | 30.06 -2.06 -2.26 | 30.91 -2.59 -3.29 | 33.78 -2.59 -4.00 | 40.14 -5.97 -2.23 | 52.96 -8.87 -1.11 | 57.67 -8.86 -1.37 | 57.35 -8.67 -0.34 | 55.63 -8.63 -1.24 | 48.64 -7.63 -1.38 | 40.57 -5.92 -2.66 | 37.82 -4.78 -2.77 | 34.64 -4.22 -2.79 |
| ARKWRIGHT___SUMMIT_WT_PWR 323751 | 33.69 0.61 -2.52 | 32.12 0.51 -3.24 | 30.73 0.70 -2.91 | 29.05 0.53 -3.19 | 31.33 0.67 -2.59 | 31.88 0.63 -2.79 | 34.92 0.92 -0.93 | 37.12 1.00 -0.28 | 42.13 -0.33 -1.96 | 41.70 -0.58 -3.43 | 50.58 -0.11 -12.61 | 46.95 0.17 -13.51 | 42.21 0.30 -12.05 | 38.54 0.33 -8.61 | 37.23 -0.03 -4.90 | 43.86 -2.76 -2.76 | 57.45 -4.67 -1.41 | 62.39 -4.50 -1.72 | 62.30 -3.88 -0.49 | 60.37 -4.22 -1.56 | 52.88 -3.57 -1.56 | 44.07 -2.85 -3.08 | 41.14 -1.79 -3.11 | 37.18 -2.02 -3.12 |
| ARTHUR_KILL_GT_1 23520 | 48.42 3.12 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.39 2.38 -18.69 | 45.70 2.47 -15.17 | 47.34 2.56 -16.31 | 41.45 2.94 -5.43 | 41.08 3.62 -1.61 | 54.99 3.65 -10.84 | 61.42 3.46 -19.12 | 72.40 4.04 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.40 3.66 -27.38 | 63.49 4.25 -15.37 | 74.35 5.89 -7.74 | 81.14 6.45 -9.52 | 74.68 6.44 -2.56 | 77.83 6.18 -8.62 | 69.36 5.38 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| ARTHUR_KILL_2 23512 | 48.42 3.12 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.39 2.38 -18.69 | 45.70 2.47 -15.17 | 47.34 2.56 -16.31 | 41.45 2.94 -5.43 | 41.08 3.62 -1.61 | 54.99 3.65 -10.84 | 61.42 3.46 -19.12 | 72.40 4.04 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.40 3.66 -27.38 | 63.49 4.25 -15.37 | 74.35 5.89 -7.74 | 81.14 6.45 -9.52 | 74.68 6.44 -2.56 | 77.83 6.18 -8.62 | 69.36 5.38 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| ARTHUR_KILL_3 23513 | 47.98 2.69 -14.73 | 49.66 2.35 -18.94 | 46.26 2.12 -17.03 | 46.04 2.03 -18.69 | 45.36 2.13 -15.17 | 47.13 2.36 -16.30 | 41.35 2.84 -5.43 | 41.15 3.69 -1.61 | 55.19 3.85 -10.84 | 61.57 3.61 -19.12 | 72.40 4.04 -30.28 | 66.49 3.69 -29.53 | 64.82 3.20 -31.77 | 63.32 3.17 -30.55 | 63.27 3.53 -27.38 | 63.32 4.08 -15.37 | 73.80 5.34 -7.73 | 80.48 5.80 -9.52 | 74.02 5.78 -2.55 | 77.19 5.55 -8.61 | 68.92 4.94 -9.09 | 65.36 3.81 -17.72 | 61.63 3.62 -18.18 | 57.41 3.06 -18.27 |
| ARTHUR_KILL_COGEN 323718 | 48.42 3.12 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.39 2.38 -18.69 | 45.70 2.47 -15.17 | 47.34 2.56 -16.31 | 41.45 2.94 -5.43 | 41.08 3.62 -1.61 | 54.99 3.65 -10.84 | 61.42 3.46 -19.12 | 72.40 4.04 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.40 3.66 -27.38 | 63.49 4.25 -15.37 | 74.35 5.89 -7.74 | 81.14 6.45 -9.52 | 74.68 6.44 -2.56 | 77.83 6.18 -8.62 | 69.36 5.38 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| ASHOKAN____ 23654 | 48.63 2.32 -15.74 | 50.68 2.07 -20.25 | 47.36 2.03 -18.21 | 47.25 1.95 -19.98 | 46.33 2.05 -16.22 | 48.32 2.42 -17.43 | 41.53 2.65 -5.81 | 41.01 3.44 -1.72 | 56.51 4.42 -11.59 | 62.93 3.65 -20.44 | 74.00 3.54 -32.37 | 68.20 3.36 -31.57 | 66.78 2.96 -33.96 | 65.13 2.87 -32.66 | 64.74 3.11 -29.27 | 64.12 3.81 -16.43 | 74.21 5.22 -8.27 | 81.40 6.06 -10.17 | 74.25 5.84 -2.73 | 77.78 5.55 -9.20 | 69.44 4.83 -9.72 | 66.50 3.72 -18.95 | 62.56 3.30 -19.43 | 58.31 2.71 -19.53 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 48.42 3.12 -14.73 | 50.06 2.75 -18.94 | 46.59 2.44 -17.03 | 46.44 2.43 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.59 3.85 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 77.95 6.30 -8.62 | 69.52 5.54 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.89 3.54 -18.28 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 48.45 3.15 -14.73 | 50.06 2.75 -18.94 | 46.59 2.44 -17.03 | 46.44 2.43 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.59 3.85 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.52 5.54 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT2_I 24094 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_2 24095 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT2_3 24096 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT2_4 24097 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT3_1 24098 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT3_2 24099 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT3_3 24100 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT3_4 24101 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT4_1 24102 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT4_2 24103 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT4_3 24104 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT4_4 24105 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT_1 23523 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT_10 24110 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| ASTORIA_GT_11 24225 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| ASTORIA_GT_12 24226 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_13 24227 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| ASTORIA_GT_5 24106 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT_7 24107 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA_GT_8 24108 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA___2 24149 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA___3 23516 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| ASTORIA___4 23517 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.61 2.47 -17.03 | 46.47 2.46 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.51 4.15 -30.27 | 66.83 4.02 -29.53 | 65.12 3.49 -31.77 | 63.56 3.40 -30.55 | 63.62 3.88 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.14 6.45 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.19 4.18 -18.19 | 57.92 3.57 -18.28 |
| ASTORIA___5 23518 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| AST_ENERGY_2_CC3 323677 | 48.07 2.78 -14.73 | 49.75 2.44 -18.94 | 46.34 2.20 -17.03 | 46.11 2.10 -18.69 | 45.42 2.19 -15.17 | 47.19 2.42 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| AST_ENERGY_2_CC4 323678 | 48.07 2.78 -14.73 | 49.75 2.44 -18.94 | 46.34 2.20 -17.03 | 46.11 2.10 -18.69 | 45.42 2.19 -15.17 | 47.19 2.42 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| ATHENS_STG_1 23668 | 48.94 1.93 -16.45 | 51.31 1.79 -21.16 | 47.85 1.71 -19.03 | 47.80 1.60 -20.88 | 46.75 1.74 -16.95 | 48.53 1.85 -18.22 | 41.29 2.15 -6.07 | 40.08 2.44 -1.80 | 55.24 2.63 -12.11 | 62.69 2.49 -21.36 | 74.50 2.59 -33.83 | 68.55 2.29 -32.99 | 67.41 2.06 -35.49 | 65.77 2.04 -34.13 | 65.15 2.20 -30.58 | 63.67 2.63 -17.17 | 72.94 3.58 -8.64 | 79.71 3.91 -10.63 | 72.47 3.94 -2.85 | 76.43 3.78 -9.62 | 68.34 3.29 -10.16 | 66.22 2.59 -19.80 | 62.57 2.43 -20.31 | 58.58 2.09 -20.41 |
| ATHENS_STG_2 23670 | 48.94 1.93 -16.45 | 51.31 1.79 -21.16 | 47.85 1.71 -19.03 | 47.80 1.60 -20.88 | 46.75 1.74 -16.95 | 48.53 1.85 -18.22 | 41.29 2.15 -6.07 | 40.08 2.44 -1.80 | 55.24 2.63 -12.11 | 62.69 2.49 -21.36 | 74.50 2.59 -33.83 | 68.55 2.29 -32.99 | 67.41 2.06 -35.49 | 65.77 2.04 -34.13 | 65.15 2.20 -30.58 | 63.67 2.63 -17.17 | 72.94 3.58 -8.64 | 79.71 3.91 -10.63 | 72.47 3.94 -2.85 | 76.43 3.78 -9.62 | 68.34 3.29 -10.16 | 66.22 2.59 -19.80 | 62.57 2.43 -20.31 | 58.58 2.09 -20.41 |
| ATHENS_STG_3 23677 | 48.94 1.93 -16.45 | 51.31 1.79 -21.16 | 47.85 1.71 -19.03 | 47.80 1.60 -20.88 | 46.75 1.74 -16.95 | 48.53 1.85 -18.22 | 41.29 2.15 -6.07 | 40.08 2.44 -1.80 | 55.24 2.63 -12.11 | 62.69 2.49 -21.36 | 74.50 2.59 -33.83 | 68.55 2.29 -32.99 | 67.41 2.06 -35.49 | 65.77 2.04 -34.13 | 65.15 2.20 -30.58 | 63.67 2.63 -17.17 | 72.94 3.58 -8.64 | 79.71 3.91 -10.63 | 72.47 3.94 -2.85 | 76.43 3.78 -9.62 | 68.34 3.29 -10.16 | 66.22 2.59 -19.80 | 62.57 2.43 -20.31 | 58.58 2.09 -20.41 |
| AUBURN___LFGE 323710 | 32.70 0.27 -1.86 | 30.98 0.23 -2.39 | 29.51 0.24 -2.15 | 27.88 0.20 -2.36 | 30.23 0.25 -1.91 | 30.78 0.26 -2.06 | 34.09 0.33 -0.69 | 36.45 0.40 -0.20 | 41.91 0.04 -1.37 | 41.18 -0.08 -2.41 | 41.95 0.04 -3.82 | 37.17 0.17 -3.73 | 34.05 0.18 -4.01 | 33.61 0.15 -3.86 | 35.76 -0.06 -3.46 | 45.15 -0.66 -1.94 | 60.72 -0.97 -0.98 | 65.65 -0.72 -1.20 | 65.28 -0.72 -0.32 | 63.43 -0.69 -1.09 | 55.22 -0.82 -1.15 | 45.36 -0.70 -2.24 | 41.56 -0.56 -2.29 | 37.98 -0.40 -2.31 |
| BABYLON_RES_REC 323704 | 49.48 4.19 -14.73 | 50.80 3.49 -18.94 | 47.29 3.14 -17.03 | 47.33 3.32 -18.69 | 46.32 3.09 -15.17 | 48.56 3.79 -16.31 | 43.00 4.50 -5.44 | 42.76 5.30 -1.61 | 56.33 4.98 -10.85 | 62.78 4.82 -19.13 | 85.72 5.45 -42.19 | 85.70 4.89 -47.54 | 83.03 4.33 -48.84 | 77.16 4.35 -43.20 | 78.86 4.73 -41.77 | 81.54 5.75 -31.93 | 103.92 7.77 -35.43 | 107.98 8.47 -34.35 | 105.46 8.53 -31.25 | 99.45 8.19 -28.23 | 92.94 7.13 -30.91 | 90.43 5.61 -40.98 | 73.72 5.14 -28.75 | 84.02 4.51 -43.43 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| BARRETT_IC_1 23704 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_10 23701 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.50 4.84 -76.58 | 120.69 4.36 -83.06 | 120.69 3.85 -86.98 | 120.69 3.85 -87.24 | 124.36 4.18 -87.82 | 120.69 5.04 -71.78 | 124.36 6.74 -56.90 | 125.60 7.30 -53.14 | 125.60 7.42 -52.50 | 125.60 7.06 -55.51 | 124.36 6.20 -63.27 | 124.36 4.91 -75.62 | 119.50 4.58 -75.10 | 86.17 3.97 -46.13 |
| BARRETT_IC_11 23702 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.50 4.84 -76.58 | 120.69 4.36 -83.06 | 120.69 3.85 -86.98 | 120.69 3.85 -87.24 | 124.36 4.18 -87.82 | 120.69 5.04 -71.78 | 124.36 6.74 -56.90 | 125.60 7.30 -53.14 | 125.60 7.42 -52.50 | 125.60 7.06 -55.51 | 124.36 6.20 -63.27 | 124.36 4.91 -75.62 | 119.50 4.58 -75.10 | 86.17 3.97 -46.13 |
| BARRETT_IC_12 23703 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.50 4.84 -76.58 | 120.69 4.36 -83.06 | 120.69 3.85 -86.98 | 120.69 3.85 -87.24 | 124.36 4.18 -87.82 | 120.69 5.04 -71.78 | 124.36 6.74 -56.90 | 125.60 7.30 -53.14 | 125.60 7.42 -52.50 | 125.60 7.06 -55.51 | 124.36 6.20 -63.27 | 124.36 4.91 -75.62 | 119.50 4.58 -75.10 | 86.17 3.97 -46.13 |
| BARRETT_IC_2 23705 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_3 23706 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_4 23707 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_5 23708 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_6 23709 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_7 23710 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_8 23711 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT_IC_9 23700 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.50 4.84 -76.58 | 120.69 4.36 -83.06 | 120.69 3.85 -86.98 | 120.69 3.85 -87.24 | 124.36 4.18 -87.82 | 120.69 5.04 -71.78 | 124.36 6.74 -56.90 | 125.60 7.30 -53.14 | 125.60 7.42 -52.50 | 125.60 7.06 -55.51 | 124.36 6.20 -63.27 | 124.36 4.91 -75.62 | 119.50 4.58 -75.10 | 86.17 3.97 -46.13 |
| BARRETT___1 23545 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.49 4.84 -76.57 | 120.68 4.36 -83.05 | 120.68 3.85 -86.97 | 120.68 3.85 -87.23 | 124.35 4.18 -87.81 | 120.68 5.04 -71.76 | 124.35 6.74 -56.89 | 125.59 7.30 -53.13 | 125.59 7.42 -52.49 | 125.59 7.06 -55.50 | 124.35 6.20 -63.26 | 124.35 4.91 -75.61 | 119.49 4.58 -75.09 | 86.17 3.97 -46.13 |
| BARRETT___2 23546 | 48.96 3.67 -14.73 | 50.43 3.12 -18.94 | 46.87 2.71 -17.04 | 46.93 2.91 -18.70 | 45.91 2.67 -15.18 | 48.08 3.30 -16.31 | 42.45 3.93 -5.44 | 42.16 4.69 -1.62 | 55.48 4.13 -10.84 | 61.93 3.96 -19.12 | 119.50 4.84 -76.58 | 120.69 4.36 -83.06 | 120.69 3.85 -86.98 | 120.69 3.85 -87.24 | 124.36 4.18 -87.82 | 120.69 5.04 -71.78 | 124.36 6.74 -56.90 | 125.60 7.30 -53.14 | 125.60 7.42 -52.50 | 125.60 7.06 -55.51 | 124.36 6.20 -63.27 | 124.36 4.91 -75.62 | 119.50 4.58 -75.10 | 86.17 3.97 -46.13 |
| BAYONEEC___CTG1 323682 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |

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| BAYONEEC___CTG10 323750 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG2 323683 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG3 323684 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG4 323685 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG5 323686 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG6 323687 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG7 323688 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG8 323689 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BAYONEEC___CTG9 323749 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.34 6.11 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| BEACON___LESR 323632 | 51.78 2.35 -18.87 | 54.76 2.13 -24.26 | 51.02 2.09 -21.82 | 51.19 1.92 -23.94 | 49.69 2.19 -19.44 | 51.60 2.25 -20.89 | 42.74 2.71 -6.96 | 40.46 2.55 -2.06 | 57.39 3.00 -13.89 | 66.21 2.87 -24.49 | 79.54 2.67 -38.79 | 73.43 2.33 -37.83 | 72.64 2.09 -40.70 | 70.81 2.07 -39.13 | 69.67 2.23 -35.07 | 66.41 2.85 -19.69 | 74.52 3.89 -9.91 | 81.66 4.30 -12.19 | 73.29 4.33 -3.27 | 78.10 4.04 -11.03 | 70.05 3.52 -11.65 | 69.56 3.02 -22.71 | 66.02 2.91 -23.29 | 62.11 2.63 -23.41 |
| BEAVER RIVER___HYD 24048 | 30.80 -0.06 -0.29 | 28.69 -0.06 -0.38 | 27.32 -0.13 -0.34 | 25.57 -0.13 -0.37 | 28.25 -0.11 -0.30 | 28.82 0.03 -0.33 | 33.21 0.03 -0.11 | 35.67 -0.21 -0.03 | 40.84 0.12 -0.22 | 39.50 0.27 -0.38 | 38.88 0.19 -0.61 | 34.03 0.17 -0.59 | 30.61 0.12 -0.64 | 30.34 0.12 -0.61 | 32.91 0.00 -0.55 | 44.36 0.18 -0.31 | 61.24 0.37 -0.15 | 65.62 0.26 -0.19 | 66.00 0.26 -0.05 | 63.46 0.25 -0.17 | 55.18 0.11 -0.18 | 44.45 0.26 -0.35 | 40.47 0.28 -0.36 | 36.66 0.22 -0.37 |
| BEEBEE_GT_13 23619 | 31.92 -0.43 -1.78 | 30.23 -0.42 -2.29 | 28.93 -0.24 -2.06 | 27.33 -0.25 -2.26 | 29.64 -0.25 -1.83 | 30.18 -0.26 -1.97 | 33.46 -0.27 -0.66 | 35.47 -0.57 -0.19 | 40.27 -1.54 -1.31 | 39.45 -1.71 -2.31 | 40.13 -1.45 -3.49 | 35.49 -1.17 -3.38 | 32.60 -0.96 -3.69 | 32.25 -0.98 -3.62 | 34.35 -1.33 -3.31 | 42.57 -3.16 -1.86 | 56.98 -4.67 -0.94 | 61.95 -4.37 -1.15 | 61.65 -4.34 -0.31 | 59.78 -4.29 -1.04 | 52.15 -3.84 -1.10 | 42.90 -3.07 -2.14 | 39.55 -2.47 -2.20 | 36.52 -1.77 -2.21 |
| BETHLEHEM___GRP 23843 | 51.48 1.96 -18.95 | 54.53 1.79 -24.38 | 50.77 1.74 -21.92 | 51.00 1.62 -24.05 | 49.41 1.82 -19.53 | 51.33 1.88 -20.99 | 42.28 2.22 -6.99 | 39.71 1.79 -2.07 | 56.56 2.10 -13.95 | 65.43 1.98 -24.60 | 78.81 1.75 -38.97 | 72.84 1.56 -38.00 | 72.12 1.37 -40.89 | 70.28 1.36 -39.32 | 69.06 1.46 -35.24 | 65.58 1.93 -19.78 | 73.16 2.49 -9.96 | 80.15 2.74 -12.25 | 71.79 2.82 -3.29 | 76.76 2.65 -11.08 | 68.89 2.30 -11.70 | 68.79 2.15 -22.81 | 65.37 2.15 -23.40 | 61.64 2.06 -23.51 |
| BETHLEHEM___GS1 323560 | 51.48 1.96 -18.95 | 54.53 1.79 -24.38 | 50.77 1.74 -21.92 | 51.00 1.62 -24.05 | 49.41 1.82 -19.53 | 51.33 1.88 -20.99 | 42.28 2.22 -6.99 | 39.71 1.79 -2.07 | 56.56 2.10 -13.95 | 65.43 1.98 -24.60 | 78.81 1.75 -38.97 | 72.84 1.56 -38.00 | 72.12 1.37 -40.89 | 70.28 1.36 -39.32 | 69.06 1.46 -35.24 | 65.58 1.93 -19.78 | 73.16 2.49 -9.96 | 80.15 2.74 -12.25 | 71.79 2.82 -3.29 | 76.76 2.65 -11.08 | 68.89 2.30 -11.70 | 68.79 2.15 -22.81 | 65.37 2.15 -23.40 | 61.64 2.06 -23.51 |
| BETHLEHEM___GS2 323561 | 51.48 1.96 -18.95 | 54.53 1.79 -24.38 | 50.77 1.74 -21.92 | 51.00 1.62 -24.05 | 49.41 1.82 -19.53 | 51.33 1.88 -20.99 | 42.28 2.22 -6.99 | 39.71 1.79 -2.07 | 56.56 2.10 -13.95 | 65.43 1.98 -24.60 | 78.81 1.75 -38.97 | 72.84 1.56 -38.00 | 72.12 1.37 -40.89 | 70.28 1.36 -39.32 | 69.06 1.46 -35.24 | 65.58 1.93 -19.78 | 73.16 2.49 -9.96 | 80.15 2.74 -12.25 | 71.79 2.82 -3.29 | 76.76 2.65 -11.08 | 68.89 2.30 -11.70 | 68.79 2.15 -22.81 | 65.37 2.15 -23.40 | 61.64 2.06 -23.51 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BETHLEHEM___GS3 323562 | 51.48 1.96 -18.95 | 54.53 1.79 -24.38 | 50.77 1.74 -21.92 | 51.00 1.62 -24.05 | 49.41 1.82 -19.53 | 51.33 1.88 -20.99 | 42.28 2.22 -6.99 | 39.71 1.79 -2.07 | 56.56 2.10 -13.95 | 65.43 1.98 -24.60 | 78.81 1.75 -38.97 | 72.84 1.56 -38.00 | 72.12 1.37 -40.89 | 70.28 1.36 -39.32 | 69.06 1.46 -35.24 | 65.58 1.93 -19.78 | 73.16 2.49 -9.96 | 80.15 2.74 -12.25 | 71.79 2.82 -3.29 | 76.76 2.65 -11.08 | 68.89 2.30 -11.70 | 68.79 2.15 -22.81 | 65.37 2.15 -23.40 | 61.64 2.06 -23.51 |
| BETHLEHEM___STEEL 23779 | 33.07 0.09 -2.41 | 31.53 0.06 -3.10 | 30.21 0.30 -2.79 | 28.56 0.18 -3.06 | 30.80 0.25 -2.49 | 31.34 0.20 -2.67 | 34.36 0.40 -0.89 | 36.29 0.18 -0.26 | 41.18 -1.21 -1.89 | 40.61 -1.55 -3.32 | 49.91 -1.07 -12.89 | 46.44 -0.70 -13.87 | 41.68 -0.45 -12.27 | 37.81 -0.41 -8.62 | 36.22 -0.87 -4.73 | 42.89 -3.64 -2.66 | 56.37 -5.71 -1.36 | 61.36 -5.47 -1.67 | 60.91 -5.26 -0.48 | 59.19 -5.36 -1.51 | 51.72 -4.67 -1.50 | 43.25 -3.55 -2.96 | 40.14 -2.67 -2.98 | 36.65 -2.42 -2.99 |
| BETHPAGE_CC_5 323564 | 49.27 3.97 -14.73 | 50.63 3.32 -18.94 | 47.10 2.96 -17.03 | 47.13 3.11 -18.69 | 46.15 2.92 -15.17 | 48.36 3.59 -16.31 | 42.74 4.23 -5.44 | 42.48 5.02 -1.61 | 56.13 4.78 -10.85 | 62.55 4.58 -19.12 | 85.81 5.22 -42.50 | 85.58 4.69 -47.61 | 83.06 4.18 -49.02 | 77.48 4.14 -43.73 | 79.17 4.53 -42.27 | 81.53 5.48 -32.17 | 103.14 7.40 -35.02 | 107.15 8.01 -33.97 | 104.55 8.08 -30.80 | 99.06 7.75 -28.28 | 92.37 6.75 -30.73 | 89.97 5.35 -40.79 | 74.19 4.94 -29.43 | 82.72 4.29 -42.36 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 33.32 0.31 -2.45 | 31.77 0.25 -3.15 | 30.40 0.46 -2.83 | 28.76 0.33 -3.11 | 31.00 0.42 -2.52 | 31.55 0.37 -2.71 | 34.57 0.60 -0.90 | 36.58 0.46 -0.27 | 41.54 -0.89 -1.93 | 41.02 -1.20 -3.39 | 50.94 -0.72 -13.58 | 47.51 -0.40 -14.64 | 42.57 -0.18 -12.89 | 38.47 -0.12 -8.98 | 36.64 -0.55 -4.82 | 43.30 -3.29 -2.72 | 56.95 -5.16 -1.39 | 61.98 -4.89 -1.70 | 61.45 -4.73 -0.50 | 59.73 -4.85 -1.55 | 52.13 -4.28 -1.52 | 43.60 -3.24 -3.01 | 40.50 -2.35 -3.02 | 36.95 -2.16 -3.04 |
| BINGHAMTON___COGEN 23790 | 36.19 0.79 -4.83 | 35.29 0.71 -6.22 | 33.44 0.73 -5.59 | 32.14 0.68 -6.13 | 33.80 0.76 -4.98 | 34.61 0.80 -5.35 | 35.85 0.99 -1.78 | 37.49 1.11 -0.53 | 44.91 0.85 -3.56 | 45.78 0.66 -6.27 | 49.14 0.84 -10.21 | 44.11 0.83 -10.01 | 41.30 0.78 -10.67 | 40.52 0.77 -10.15 | 42.00 0.65 -8.98 | 49.00 0.09 -5.04 | 63.26 0.00 -2.54 | 68.55 0.26 -3.12 | 66.78 0.26 -0.84 | 66.05 0.19 -2.83 | 57.93 0.05 -2.98 | 49.69 0.04 -5.82 | 45.95 0.16 -5.97 | 42.29 0.22 -6.00 |
| BLACK RIVER___HYD 24047 | 31.52 0.37 -0.59 | 29.43 0.31 -0.75 | 28.01 0.22 -0.68 | 26.27 0.20 -0.74 | 28.92 0.25 -0.60 | 29.57 0.45 -0.65 | 33.88 0.60 -0.22 | 36.27 0.36 -0.06 | 41.74 0.81 -0.43 | 40.46 0.85 -0.76 | 40.05 0.76 -1.20 | 35.18 0.73 -1.17 | 31.75 0.63 -1.26 | 31.47 0.65 -1.21 | 33.97 0.52 -1.09 | 45.14 0.66 -0.61 | 62.06 1.03 -0.31 | 66.65 1.11 -0.38 | 66.90 1.12 -0.10 | 64.38 1.01 -0.34 | 55.96 0.71 -0.36 | 45.23 0.70 -0.70 | 41.18 0.64 -0.72 | 37.30 0.50 -0.73 |
| BLISS_WT_PWR 323608 | 34.16 1.01 -2.59 | 32.58 0.88 -3.33 | 31.20 1.09 -3.00 | 29.52 0.91 -3.29 | 31.80 1.07 -2.67 | 32.33 1.00 -2.87 | 35.45 1.42 -0.96 | 37.67 1.54 -0.28 | 42.92 0.40 -2.02 | 42.38 0.00 -3.54 | 51.11 0.46 -12.56 | 47.33 0.63 -13.43 | 42.61 0.72 -12.03 | 39.06 0.77 -8.68 | 37.80 0.39 -5.05 | 44.43 -2.28 -2.84 | 58.41 -3.76 -1.45 | 63.62 -3.32 -1.78 | 62.97 -3.22 -0.51 | 61.30 -3.34 -1.61 | 53.48 -3.02 -1.61 | 44.82 -2.19 -3.18 | 41.59 -1.43 -3.20 | 37.99 -1.30 -3.21 |
| BLUE_CIRC_CHEM_DRP 24182 | 51.24 1.86 -18.81 | 54.29 1.73 -24.19 | 50.55 1.68 -21.75 | 50.77 1.57 -23.87 | 49.18 1.74 -19.38 | 51.12 1.82 -20.83 | 42.16 2.15 -6.94 | 39.98 2.08 -2.06 | 56.70 2.35 -13.85 | 65.43 2.17 -24.42 | 78.85 2.09 -38.67 | 72.85 1.86 -37.72 | 72.11 1.67 -40.58 | 70.28 1.66 -39.02 | 69.11 1.78 -34.97 | 65.74 2.24 -19.63 | 73.57 2.97 -9.88 | 80.58 3.26 -12.16 | 72.29 3.35 -3.26 | 77.18 3.15 -11.00 | 69.24 2.74 -11.61 | 68.79 2.32 -22.64 | 65.28 2.23 -23.22 | 61.43 2.02 -23.34 |
| BOC_GAS_DRP 24189 | 51.23 1.71 -18.96 | 54.34 1.59 -24.38 | 50.58 1.54 -21.92 | 50.82 1.44 -24.06 | 49.19 1.60 -19.53 | 51.14 1.68 -20.99 | 42.02 1.95 -7.00 | 39.85 1.93 -2.07 | 56.60 2.15 -13.96 | 65.47 2.02 -24.61 | 79.04 1.98 -38.98 | 73.05 1.76 -38.01 | 72.33 1.58 -40.89 | 70.50 1.57 -39.32 | 69.29 1.68 -35.24 | 65.72 2.06 -19.78 | 73.47 2.79 -9.96 | 80.42 3.00 -12.25 | 72.06 3.09 -3.29 | 77.08 2.96 -11.08 | 69.12 2.53 -11.70 | 68.79 2.15 -22.81 | 65.26 2.03 -23.40 | 61.43 1.84 -23.52 |
| BORALEX_4TH_BRANCH 23824 | 52.47 2.63 -19.27 | 55.56 2.41 -24.79 | 51.71 2.30 -22.29 | 51.91 2.13 -24.46 | 50.30 2.38 -19.85 | 52.34 2.53 -21.34 | 43.19 3.01 -7.11 | 41.22 3.26 -2.11 | 58.37 3.69 -14.19 | 67.36 3.50 -25.02 | 81.02 3.31 -39.63 | 74.71 2.80 -38.65 | 74.00 2.57 -41.57 | 72.13 2.55 -39.98 | 70.94 2.75 -35.83 | 67.62 3.64 -20.11 | 75.94 5.10 -10.12 | 83.29 5.67 -12.46 | 74.73 5.71 -3.34 | 79.65 5.35 -11.27 | 71.40 4.61 -11.90 | 70.66 3.64 -23.20 | 66.92 3.30 -23.79 | 62.94 2.96 -23.91 |
| BOWLINE___1 23526 | 47.16 2.26 -14.33 | 48.82 2.01 -18.43 | 45.54 1.84 -16.58 | 45.26 1.75 -18.19 | 44.68 1.85 -14.77 | 46.36 2.02 -15.87 | 40.77 2.41 -5.29 | 40.43 3.01 -1.57 | 54.29 3.24 -10.55 | 60.48 3.03 -18.61 | 70.87 3.31 -29.47 | 65.04 3.03 -28.74 | 63.43 2.66 -30.92 | 62.00 2.67 -29.73 | 61.93 2.91 -26.65 | 62.21 3.38 -14.96 | 72.80 4.56 -7.53 | 79.38 4.95 -9.26 | 73.16 4.99 -2.49 | 76.20 4.79 -8.38 | 67.91 4.17 -8.85 | 64.32 3.24 -17.25 | 60.51 2.99 -17.69 | 56.38 2.52 -17.78 |
| BOWLINE___2 23595 | 47.16 2.26 -14.33 | 48.82 2.01 -18.44 | 45.54 1.84 -16.58 | 45.26 1.75 -18.19 | 44.68 1.85 -14.77 | 46.36 2.02 -15.87 | 40.77 2.41 -5.29 | 40.43 3.01 -1.57 | 54.29 3.24 -10.55 | 60.48 3.03 -18.61 | 70.87 3.31 -29.47 | 65.04 3.03 -28.74 | 63.44 2.66 -30.92 | 62.00 2.67 -29.73 | 61.93 2.91 -26.65 | 62.21 3.38 -14.96 | 72.80 4.56 -7.53 | 79.38 4.95 -9.26 | 73.16 4.99 -2.49 | 76.20 4.79 -8.38 | 67.91 4.17 -8.85 | 64.33 3.24 -17.25 | 60.51 2.99 -17.70 | 56.38 2.52 -17.78 |
| BROOKHAVEN___DRP 24191 | 50.37 5.08 -14.73 | 51.62 4.31 -18.94 | 48.05 3.91 -17.03 | 48.06 4.05 -18.69 | 47.08 3.84 -15.17 | 49.44 4.67 -16.31 | 44.03 5.52 -5.43 | 43.84 6.38 -1.61 | 57.06 5.71 -10.85 | 63.52 5.55 -19.13 | 84.63 6.06 -40.49 | 84.93 5.46 -46.20 | 81.93 4.84 -47.23 | 75.28 4.83 -40.84 | 77.02 5.28 -39.38 | 80.48 6.45 -30.16 | 104.86 8.80 -35.35 | 109.06 9.58 -34.31 | 106.58 9.66 -31.24 | 99.50 9.27 -27.20 | 92.99 8.01 -30.08 | 90.24 6.31 -40.10 | 71.71 5.81 -26.07 | 86.63 5.48 -45.07 |
| BROOKLYN_NAVY_YARD 23515 | 48.07 2.78 -14.73 | 49.75 2.44 -18.94 | 46.31 2.17 -17.03 | 46.09 2.08 -18.69 | 45.39 2.16 -15.17 | 47.16 2.39 -16.30 | 41.42 2.91 -5.43 | 41.19 3.73 -1.61 | 55.23 3.89 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.22 5.77 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| BROOKLYN___ARMY_DRP 323595 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BROOME_2_LFGE 323671 | 36.19 0.79 -4.83 | 35.29 0.71 -6.22 | 33.44 0.73 -5.59 | 32.14 0.68 -6.13 | 33.80 0.76 -4.98 | 34.61 0.80 -5.35 | 35.85 0.99 -1.78 | 37.49 1.11 -0.53 | 44.91 0.85 -3.56 | 45.78 0.66 -6.27 | 49.14 0.84 -10.21 | 44.11 0.83 -10.01 | 41.30 0.78 -10.67 | 40.52 0.77 -10.15 | 42.00 0.65 -8.98 | 49.00 0.09 -5.04 | 63.26 0.00 -2.54 | 68.55 0.26 -3.12 | 66.78 0.26 -0.84 | 66.05 0.19 -2.83 | 57.93 0.05 -2.98 | 49.69 0.04 -5.82 | 45.95 0.16 -5.97 | 42.29 0.22 -6.00 |
| BROOME___LFGE 323600 | 36.19 0.79 -4.83 | 35.29 0.71 -6.22 | 33.44 0.73 -5.59 | 32.14 0.68 -6.13 | 33.80 0.76 -4.98 | 34.61 0.80 -5.35 | 35.85 0.99 -1.78 | 37.49 1.11 -0.53 | 44.91 0.85 -3.56 | 45.78 0.66 -6.27 | 49.14 0.84 -10.21 | 44.11 0.83 -10.01 | 41.30 0.78 -10.67 | 40.52 0.77 -10.15 | 42.00 0.65 -8.98 | 49.00 0.09 -5.04 | 63.26 0.00 -2.54 | 68.55 0.26 -3.12 | 66.78 0.26 -0.84 | 66.05 0.19 -2.83 | 57.93 0.05 -2.98 | 49.69 0.04 -5.82 | 45.95 0.16 -5.97 | 42.29 0.22 -6.00 |
| BURROWS___LYONSDAL 23803 | 31.12 0.55 0.00 | 28.85 0.48 0.00 | 27.52 0.41 0.00 | 25.70 0.38 0.00 | 28.51 0.45 0.00 | 29.04 0.57 0.00 | 33.80 0.73 0.00 | 36.49 0.65 0.00 | 41.43 0.93 0.00 | 39.77 0.93 0.00 | 38.96 0.88 0.00 | 34.07 0.80 0.00 | 30.55 0.69 0.00 | 30.29 0.68 0.00 | 32.98 0.61 0.00 | 44.66 0.79 0.00 | 61.87 1.15 0.00 | 66.40 1.24 0.00 | 66.99 1.31 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.62 0.79 0.00 | 40.58 0.75 0.00 | 36.69 0.61 0.00 |
| CAITHNESS_CC_1 323624 | 50.24 4.95 -14.73 | 51.51 4.20 -18.94 | 47.94 3.80 -17.03 | 47.96 3.95 -18.69 | 46.99 3.76 -15.17 | 49.33 4.55 -16.31 | 43.90 5.39 -5.43 | 43.69 6.24 -1.61 | 56.90 5.55 -10.85 | 63.37 5.40 -19.13 | 84.48 5.90 -40.49 | 84.79 5.32 -46.19 | 81.80 4.72 -47.23 | 75.15 4.71 -40.84 | 76.89 5.15 -39.37 | 80.30 6.27 -30.15 | 104.63 8.56 -35.35 | 108.79 9.32 -34.31 | 106.31 9.39 -31.24 | 99.18 8.95 -27.20 | 92.76 7.79 -30.08 | 90.06 6.14 -40.09 | 71.58 5.69 -26.06 | 86.49 5.34 -45.08 |
| CALPINE BETH_PAGE_GT4 24209 | 49.18 3.88 -14.73 | 50.54 3.23 -18.94 | 47.02 2.87 -17.03 | 47.08 3.06 -18.69 | 46.07 2.83 -15.17 | 48.28 3.50 -16.31 | 42.64 4.13 -5.44 | 42.37 4.91 -1.61 | 56.00 4.66 -10.85 | 62.43 4.47 -19.12 | 86.51 5.11 -43.32 | 86.05 4.62 -48.16 | 83.67 4.09 -49.73 | 78.61 4.09 -44.92 | 80.29 4.47 -43.46 | 82.20 5.35 -32.98 | 102.81 7.28 -34.81 | 106.80 7.88 -33.76 | 104.16 7.94 -30.53 | 99.35 7.62 -28.69 | 92.46 6.64 -30.94 | 90.09 5.26 -41.01 | 75.51 4.86 -30.83 | 81.40 4.22 -41.11 |
| CALPINE_BETH_PAGE_GT_4 323586 | 49.18 3.88 -14.73 | 50.54 3.23 -18.94 | 47.02 2.87 -17.03 | 47.08 3.06 -18.69 | 46.07 2.83 -15.17 | 48.28 3.50 -16.31 | 42.64 4.13 -5.44 | 42.37 4.91 -1.61 | 56.00 4.66 -10.85 | 62.43 4.47 -19.12 | 86.51 5.11 -43.32 | 86.05 4.62 -48.16 | 83.67 4.09 -49.73 | 78.61 4.09 -44.92 | 80.29 4.47 -43.46 | 82.20 5.35 -32.98 | 102.81 7.28 -34.81 | 106.80 7.88 -33.76 | 104.16 7.94 -30.53 | 99.35 7.62 -28.69 | 92.46 6.64 -30.94 | 90.09 5.26 -41.01 | 75.51 4.86 -30.83 | 81.40 4.22 -41.11 |
| CALPINE_BP_GT1 23823 | 49.18 3.88 -14.73 | 50.54 3.23 -18.94 | 47.02 2.87 -17.03 | 47.08 3.06 -18.69 | 46.07 2.83 -15.17 | 48.28 3.50 -16.31 | 42.64 4.13 -5.44 | 42.37 4.91 -1.61 | 56.00 4.66 -10.85 | 62.43 4.47 -19.12 | 86.51 5.11 -43.32 | 86.05 4.62 -48.16 | 83.67 4.09 -49.73 | 78.61 4.09 -44.92 | 80.29 4.47 -43.46 | 82.20 5.35 -32.98 | 102.81 7.28 -34.81 | 106.80 7.88 -33.76 | 104.16 7.94 -30.53 | 99.35 7.62 -28.69 | 92.46 6.64 -30.94 | 90.09 5.26 -41.01 | 75.51 4.86 -30.83 | 81.40 4.22 -41.11 |
| CALSPAN___DRP 24200 | 33.07 0.09 -2.41 | 31.53 0.06 -3.10 | 30.21 0.30 -2.79 | 28.56 0.18 -3.06 | 30.80 0.25 -2.49 | 31.34 0.20 -2.67 | 34.36 0.40 -0.89 | 36.29 0.18 -0.26 | 41.18 -1.21 -1.89 | 40.61 -1.55 -3.32 | 49.91 -1.07 -12.89 | 46.44 -0.70 -13.87 | 41.68 -0.45 -12.27 | 37.81 -0.41 -8.62 | 36.22 -0.87 -4.73 | 42.89 -3.64 -2.66 | 56.37 -5.71 -1.36 | 61.36 -5.47 -1.67 | 60.91 -5.26 -0.48 | 59.19 -5.36 -1.51 | 51.72 -4.67 -1.50 | 43.25 -3.55 -2.96 | 40.14 -2.67 -2.98 | 36.65 -2.42 -2.99 |
| CANDIGU_WT_PWR 323617 | 34.51 0.67 -3.27 | 33.14 0.57 -4.20 | 31.57 0.68 -3.78 | 30.05 0.58 -4.15 | 32.10 0.67 -3.37 | 32.80 0.71 -3.62 | 35.30 1.03 -1.21 | 37.21 1.00 -0.36 | 43.10 0.16 -2.44 | 42.99 -0.15 -4.30 | 47.90 0.19 -9.62 | 43.46 0.33 -9.86 | 39.91 0.42 -9.63 | 38.11 0.41 -8.09 | 38.65 0.13 -6.15 | 45.57 -1.76 -3.46 | 59.67 -2.79 -1.75 | 64.84 -2.48 -2.15 | 63.84 -2.43 -0.59 | 62.51 -2.46 -1.94 | 54.61 -2.30 -2.02 | 46.07 -1.71 -3.95 | 42.63 -1.23 -4.03 | 39.23 -0.90 -4.05 |
| CARR STREET_E_SYR 24060 | 31.73 -0.15 -1.32 | 29.87 -0.20 -1.70 | 28.48 -0.16 -1.52 | 26.84 -0.15 -1.67 | 29.25 -0.17 -1.36 | 29.70 -0.23 -1.46 | 33.29 -0.27 -0.49 | 35.74 -0.25 -0.14 | 40.94 -0.53 -0.97 | 39.97 -0.58 -1.71 | 40.34 -0.46 -2.71 | 35.58 -0.33 -2.64 | 32.43 -0.27 -2.84 | 32.04 -0.30 -2.73 | 34.36 -0.45 -2.45 | 44.19 -1.05 -1.38 | 59.95 -1.46 -0.69 | 64.65 -1.37 -0.85 | 64.53 -1.38 -0.23 | 62.42 -1.39 -0.77 | 54.44 -1.26 -0.81 | 44.36 -1.05 -1.59 | 40.58 -0.88 -1.63 | 36.95 -0.76 -1.64 |
| CARTHAGE___PAPER 23857 | 31.29 0.22 -0.50 | 29.19 0.17 -0.65 | 27.78 0.08 -0.58 | 26.04 0.08 -0.64 | 28.69 0.11 -0.52 | 29.31 0.28 -0.56 | 33.65 0.40 -0.19 | 36.05 0.14 -0.06 | 41.44 0.57 -0.37 | 40.16 0.66 -0.65 | 39.69 0.57 -1.04 | 34.81 0.53 -1.01 | 31.39 0.45 -1.09 | 31.09 0.44 -1.04 | 33.63 0.32 -0.94 | 44.93 0.53 -0.53 | 61.83 0.85 -0.26 | 66.34 0.84 -0.33 | 66.62 0.85 -0.09 | 64.09 0.76 -0.29 | 55.75 0.55 -0.31 | 45.00 0.57 -0.61 | 41.01 0.56 -0.62 | 37.13 0.43 -0.62 |
| CE_DUNWOOD___DRP 24194 | 47.84 2.57 -14.70 | 49.58 2.30 -18.91 | 46.21 2.09 -17.01 | 45.96 1.98 -18.66 | 45.32 2.11 -15.15 | 47.03 2.28 -16.28 | 41.24 2.74 -5.43 | 40.86 3.41 -1.61 | 54.97 3.65 -10.83 | 61.35 3.42 -19.09 | 72.05 3.73 -30.23 | 66.19 3.43 -29.49 | 64.60 3.01 -31.72 | 63.10 2.99 -30.50 | 62.97 3.27 -27.34 | 63.08 3.86 -15.35 | 73.66 5.22 -7.72 | 80.34 5.67 -9.50 | 73.94 5.71 -2.55 | 77.11 5.48 -8.60 | 68.74 4.77 -9.08 | 65.25 3.72 -17.70 | 61.41 3.43 -18.15 | 57.24 2.92 -18.24 |
| CE_MILLWOOD___DRP 24193 | 47.70 2.47 -14.66 | 49.44 2.21 -18.86 | 46.08 2.01 -16.96 | 45.83 1.90 -18.61 | 45.19 2.02 -15.10 | 46.89 2.19 -16.23 | 41.09 2.61 -5.41 | 40.68 3.23 -1.60 | 54.78 3.48 -10.79 | 61.14 3.26 -19.03 | 71.81 3.58 -30.14 | 65.93 3.26 -29.40 | 64.38 2.90 -31.63 | 62.89 2.87 -30.41 | 62.76 3.14 -27.26 | 62.86 3.69 -15.30 | 73.40 4.98 -7.70 | 80.12 5.47 -9.48 | 73.67 5.45 -2.54 | 76.83 5.23 -8.57 | 68.49 4.55 -9.05 | 65.02 3.55 -17.64 | 61.19 3.27 -18.10 | 57.04 2.78 -18.19 |
| CE_NYC2_DRP 24202 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.29 2.28 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.58 3.43 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| CE_NYC_DRP 24195 | 48.13 2.84 -14.72 | 49.80 2.50 -18.94 | 46.39 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.25 2.48 -16.30 | 41.48 2.98 -5.43 | 41.22 3.76 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.51 4.15 -30.28 | 66.62 3.82 -29.53 | 64.97 3.34 -31.77 | 63.49 3.34 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.22 5.77 -7.73 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.63 5.99 -8.61 | 69.25 5.27 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.59 3.25 -18.27 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CHAFFEE___LFGE 323603 | 33.46 0.40 -2.50 | 31.92 0.34 -3.22 | 30.55 0.54 -2.89 | 28.90 0.40 -3.17 | 31.14 0.51 -2.58 | 31.69 0.45 -2.77 | 34.72 0.73 -0.92 | 36.77 0.65 -0.27 | 41.76 -0.69 -1.95 | 41.26 -1.01 -3.43 | 50.29 -0.53 -12.73 | 46.73 -0.20 -13.65 | 41.98 -0.03 -12.15 | 38.29 0.03 -8.65 | 36.86 -0.39 -4.88 | 43.51 -3.11 -2.75 | 57.21 -4.92 -1.41 | 62.32 -4.56 -1.72 | 61.78 -4.40 -0.50 | 60.05 -4.54 -1.56 | 52.44 -4.00 -1.55 | 43.87 -3.02 -3.07 | 40.72 -2.19 -3.09 | 37.12 -2.05 -3.10 |
| CHATEAUG_WT_PWR 323614 | 29.96 -0.61 0.00 | 27.91 -0.45 0.00 | 26.57 -0.54 0.00 | 24.84 -0.48 0.00 | 27.53 -0.53 0.00 | 27.96 -0.51 0.00 | 32.51 -0.56 0.00 | 35.17 -0.68 0.00 | 40.06 -0.44 0.00 | 38.65 -0.19 0.00 | 37.70 -0.38 0.00 | 32.84 -0.43 0.00 | 29.41 -0.45 0.00 | 29.22 -0.39 0.00 | 31.91 -0.45 0.00 | 44.00 0.13 0.00 | 61.08 0.37 0.00 | 65.36 0.20 0.00 | 65.94 0.26 0.00 | 63.41 0.38 0.00 | 55.17 0.28 0.00 | 44.09 0.26 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 29.89 -0.67 0.00 | 27.88 -0.48 0.00 | 26.52 -0.60 0.00 | 24.79 -0.53 0.00 | 27.47 -0.59 0.00 | 27.93 -0.54 0.00 | 32.44 -0.63 0.00 | 35.13 -0.72 0.00 | 40.02 -0.48 0.00 | 38.61 -0.23 0.00 | 37.67 -0.42 0.00 | 32.81 -0.47 0.00 | 29.38 -0.48 0.00 | 29.19 -0.41 0.00 | 31.88 -0.48 0.00 | 44.05 0.18 0.00 | 61.15 0.43 0.00 | 65.36 0.20 0.00 | 65.94 0.26 0.00 | 63.41 0.38 0.00 | 55.22 0.33 0.00 | 44.14 0.31 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |
| CHAUTAUQUA___LFGE 323629 | 33.55 0.52 -2.46 | 31.96 0.43 -3.17 | 30.59 0.62 -2.85 | 28.90 0.46 -3.13 | 31.19 0.59 -2.54 | 31.73 0.54 -2.73 | 34.81 0.83 -0.91 | 36.94 0.83 -0.27 | 41.93 -0.48 -1.92 | 41.43 -0.78 -3.36 | 50.50 -0.31 -12.72 | 46.93 0.00 -13.66 | 42.14 0.15 -12.13 | 38.41 0.21 -8.59 | 36.97 -0.19 -4.79 | 43.67 -2.90 -2.70 | 57.36 -4.74 -1.38 | 62.36 -4.50 -1.69 | 62.09 -4.07 -0.48 | 60.21 -4.35 -1.53 | 52.63 -3.79 -1.53 | 43.91 -2.94 -3.02 | 40.92 -1.95 -3.04 | 37.11 -2.02 -3.05 |
| CH_MIDHUDSON___DRP 24192 | 48.77 2.57 -15.63 | 50.80 2.33 -20.11 | 47.36 2.17 -18.08 | 47.21 2.05 -19.84 | 46.36 2.19 -16.10 | 48.14 2.36 -17.31 | 41.62 2.78 -5.77 | 40.92 3.37 -1.71 | 55.78 3.77 -11.51 | 62.59 3.46 -20.29 | 73.92 3.69 -32.14 | 67.98 3.36 -31.35 | 66.54 2.96 -33.72 | 64.96 2.93 -32.43 | 64.63 3.20 -29.06 | 64.00 3.81 -16.31 | 74.15 5.22 -8.21 | 81.01 5.74 -10.10 | 74.10 5.71 -2.71 | 77.65 5.48 -9.14 | 69.31 4.77 -9.65 | 66.37 3.72 -18.81 | 62.51 3.38 -19.30 | 58.36 2.89 -19.39 |
| CH_MISC_IPPS 23765 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| CH_RES_BVR_FALLS 23983 | 29.47 -0.31 0.80 | 27.09 -0.26 1.02 | 25.92 -0.27 0.92 | 24.03 -0.28 1.01 | 26.96 -0.28 0.82 | 27.30 -0.28 0.88 | 32.45 -0.33 0.29 | 35.40 -0.36 0.09 | 39.59 -0.33 0.59 | 37.58 -0.23 1.03 | 36.14 -0.31 1.64 | 31.38 -0.30 1.59 | 27.87 -0.27 1.72 | 27.69 -0.27 1.65 | 30.63 -0.26 1.48 | 42.87 -0.17 0.83 | 60.06 -0.24 0.42 | 64.39 -0.26 0.51 | 65.28 -0.26 0.14 | 62.32 -0.25 0.46 | 54.18 -0.22 0.49 | 42.70 -0.17 0.96 | 38.69 -0.16 0.98 | 34.91 -0.18 0.99 |
| CH_RES_NIAGARA 23895 | 31.62 -1.19 -2.25 | 30.21 -1.05 -2.89 | 28.95 -0.76 -2.60 | 27.39 -0.79 -2.85 | 29.53 -0.84 -2.31 | 30.07 -0.88 -2.49 | 32.94 -0.96 -0.83 | 34.34 -1.76 -0.25 | 38.58 -3.48 -1.57 | 38.02 -3.61 -2.78 | 36.70 -3.12 -1.73 | 32.01 -2.50 -1.24 | 30.06 -2.06 -2.26 | 30.91 -1.98 -3.29 | 33.78 -2.59 -4.00 | 40.14 -5.97 -2.23 | 52.96 -8.87 -1.11 | 57.67 -8.86 -1.37 | 57.35 -8.67 -0.34 | 55.63 -8.63 -1.24 | 48.64 -7.63 -1.38 | 40.57 -5.92 -2.66 | 37.82 -4.78 -2.77 | 34.64 -4.22 -2.79 |
| CH_RES_SYRACUSE 23985 | 32.04 0.00 -1.47 | 30.20 -0.06 -1.89 | 28.79 -0.03 -1.70 | 27.17 -0.03 -1.87 | 29.58 0.00 -1.52 | 30.01 -0.09 -1.63 | 33.55 -0.07 -0.54 | 35.97 -0.04 -0.16 | 41.30 -0.28 -1.08 | 40.40 -0.35 -1.91 | 40.85 -0.26 -3.03 | 36.09 -0.13 -2.95 | 32.95 -0.09 -3.18 | 32.54 -0.12 -3.05 | 34.84 -0.26 -2.74 | 44.62 -0.79 -1.54 | 60.40 -1.09 -0.77 | 65.14 -0.98 -0.95 | 64.95 -0.98 -0.26 | 62.88 -1.01 -0.86 | 54.81 -0.99 -0.91 | 44.81 -0.79 -1.77 | 40.97 -0.68 -1.82 | 37.36 -0.54 -1.83 |
| CLINTON_WT_PWR 323605 | 29.96 -0.61 0.00 | 27.91 -0.45 0.00 | 26.57 -0.54 0.00 | 24.84 -0.48 0.00 | 27.53 -0.53 0.00 | 27.96 -0.51 0.00 | 32.51 -0.56 0.00 | 35.17 -0.68 0.00 | 40.06 -0.44 0.00 | 38.65 -0.19 0.00 | 37.70 -0.38 0.00 | 32.84 -0.43 0.00 | 29.41 -0.45 0.00 | 29.22 -0.39 0.00 | 31.91 -0.45 0.00 | 44.00 0.13 0.00 | 61.08 0.37 0.00 | 65.36 0.20 0.00 | 65.94 0.26 0.00 | 63.41 0.38 0.00 | 55.17 0.28 0.00 | 44.09 0.26 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |
| CLINTON___LFGE 323618 | 30.26 -0.31 0.00 | 28.25 -0.11 0.00 | 26.84 -0.27 0.00 | 25.12 -0.20 0.00 | 27.84 -0.23 0.00 | 28.27 -0.20 0.00 | 32.91 -0.16 0.00 | 35.56 -0.29 0.00 | 40.50 0.00 0.00 | 39.08 0.23 0.00 | 38.16 0.08 0.00 | 33.27 0.00 0.00 | 29.80 -0.06 0.00 | 29.60 0.00 0.00 | 32.24 -0.13 0.00 | 44.49 0.61 0.00 | 61.75 1.03 0.00 | 66.15 0.98 0.00 | 66.73 1.05 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.66 0.83 0.00 | 40.46 0.64 0.00 | 36.58 0.50 0.00 |
| COLONIE_LFGE___ 323577 | 52.52 2.32 -19.63 | 55.75 2.13 -25.25 | 51.88 2.06 -22.71 | 52.14 1.90 -24.92 | 50.45 2.16 -20.23 | 52.43 2.22 -21.74 | 42.99 2.68 -7.25 | 40.75 2.76 -2.15 | 58.15 3.20 -14.45 | 67.40 3.07 -25.49 | 81.35 2.89 -40.37 | 75.14 2.50 -39.37 | 74.54 2.33 -42.35 | 72.64 2.31 -40.73 | 71.32 2.46 -36.50 | 67.52 3.16 -20.49 | 75.40 4.37 -10.31 | 82.75 4.89 -12.69 | 74.01 4.93 -3.41 | 79.11 4.60 -11.48 | 71.01 4.00 -12.12 | 70.70 3.24 -23.63 | 67.09 3.03 -24.24 | 63.10 2.67 -24.36 |
| COPENHAGEN_WT_PWR 323753 | 31.48 0.27 -0.64 | 29.42 0.23 -0.82 | 28.02 0.16 -0.74 | 26.26 0.13 -0.81 | 28.92 0.20 -0.66 | 29.52 0.34 -0.71 | 33.77 0.46 -0.24 | 36.17 0.25 -0.07 | 41.58 0.61 -0.47 | 40.33 0.66 -0.83 | 40.01 0.61 -1.32 | 35.16 0.60 -1.29 | 31.75 0.51 -1.38 | 31.44 0.50 -1.33 | 33.95 0.39 -1.19 | 44.98 0.44 -0.67 | 61.79 0.73 -0.34 | 66.37 0.78 -0.41 | 66.58 0.79 -0.11 | 64.10 0.69 -0.37 | 55.72 0.44 -0.40 | 45.08 0.48 -0.77 | 41.10 0.48 -0.79 | 37.23 0.36 -0.80 |
| CORNELL_____ 23752 | 34.53 0.67 -3.29 | 33.26 0.65 -4.24 | 31.55 0.62 -3.81 | 30.09 0.58 -4.18 | 32.13 0.67 -3.39 | 32.83 0.71 -3.65 | 35.14 0.86 -1.22 | 37.10 0.90 -0.36 | 43.45 0.53 -2.42 | 43.55 0.43 -4.28 | 45.64 0.53 -7.02 | 40.72 0.57 -6.89 | 37.81 0.63 -7.32 | 37.14 0.59 -6.94 | 38.85 0.36 -6.12 | 47.18 -0.13 -3.44 | 62.27 -0.18 -1.73 | 67.36 0.07 -2.13 | 66.32 0.07 -0.57 | 64.96 0.00 -1.93 | 56.76 -0.16 -2.03 | 47.62 -0.17 -3.96 | 43.77 -0.12 -4.07 | 40.12 -0.04 -4.09 |
| COXSACKIE___GT 23611 | 49.26 2.54 -16.16 | 51.47 2.33 -20.78 | 48.05 2.25 -18.69 | 47.96 2.13 -20.51 | 47.01 2.30 -16.64 | 48.89 2.53 -17.89 | 41.94 2.91 -5.96 | 40.98 3.37 -1.77 | 56.48 4.09 -11.89 | 63.39 3.57 -20.97 | 74.81 3.50 -33.22 | 68.86 3.19 -32.40 | 67.55 2.84 -34.85 | 65.90 2.78 -33.51 | 65.41 3.01 -30.04 | 64.51 3.77 -16.86 | 74.30 5.10 -8.49 | 81.41 5.80 -10.44 | 74.19 5.71 -2.80 | 77.90 5.42 -9.44 | 69.53 4.66 -9.97 | 67.00 3.72 -19.44 | 63.15 3.38 -19.95 | 59.00 2.89 -20.04 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CPV_VALLEY___CC1 323721 | 45.34 1.90 -12.88 | 46.64 1.70 -16.57 | 43.56 1.54 -14.90 | 43.14 1.47 -16.35 | 42.90 1.57 -13.27 | 44.44 1.71 -14.26 | 39.84 2.02 -4.75 | 39.76 2.51 -1.41 | 52.70 2.71 -9.48 | 58.05 2.49 -16.72 | 67.32 2.74 -26.49 | 61.63 2.53 -25.83 | 59.86 2.21 -27.79 | 58.55 2.22 -26.72 | 58.71 2.40 -23.95 | 60.08 2.77 -13.44 | 71.19 3.70 -6.77 | 77.60 4.11 -8.33 | 72.06 4.14 -2.23 | 74.47 3.91 -7.53 | 66.25 3.40 -7.95 | 62.01 2.67 -15.50 | 58.20 2.47 -15.90 | 54.15 2.09 -15.98 |
| CPV_VALLEY___CC2 323722 | 45.34 1.90 -12.88 | 46.64 1.70 -16.57 | 43.56 1.54 -14.90 | 43.14 1.47 -16.35 | 42.90 1.57 -13.27 | 44.44 1.71 -14.26 | 39.84 2.02 -4.75 | 39.76 2.51 -1.41 | 52.70 2.71 -9.48 | 58.05 2.49 -16.72 | 67.32 2.74 -26.49 | 61.63 2.53 -25.83 | 59.86 2.21 -27.79 | 58.55 2.22 -26.72 | 58.71 2.40 -23.95 | 60.08 2.77 -13.44 | 71.19 3.70 -6.77 | 77.60 4.11 -8.33 | 72.06 4.14 -2.23 | 74.47 3.91 -7.53 | 66.25 3.40 -7.95 | 62.01 2.67 -15.50 | 58.20 2.47 -15.90 | 54.15 2.09 -15.98 |
| CRESCENT___HYD 24018 | 52.52 2.32 -19.63 | 55.75 2.13 -25.25 | 51.88 2.06 -22.71 | 52.14 1.90 -24.92 | 50.45 2.16 -20.23 | 52.43 2.22 -21.74 | 42.99 2.68 -7.25 | 40.75 2.76 -2.15 | 58.15 3.20 -14.45 | 67.40 3.07 -25.49 | 81.35 2.89 -40.37 | 75.14 2.50 -39.37 | 74.54 2.33 -42.35 | 72.64 2.31 -40.73 | 71.32 2.46 -36.50 | 67.52 3.16 -20.49 | 75.40 4.37 -10.31 | 82.75 4.89 -12.69 | 74.01 4.93 -3.41 | 79.11 4.60 -11.48 | 71.01 4.00 -12.12 | 70.70 3.24 -23.63 | 67.09 3.03 -24.24 | 63.10 2.67 -24.36 |
| CRUCIBLE_METL_DRP 24180 | 32.04 0.00 -1.47 | 30.20 -0.06 -1.89 | 28.79 -0.03 -1.70 | 27.17 -0.03 -1.87 | 29.58 0.00 -1.52 | 30.01 -0.09 -1.63 | 33.55 -0.07 -0.54 | 35.97 -0.04 -0.16 | 41.30 -0.28 -1.08 | 40.40 -0.35 -1.91 | 40.85 -0.26 -3.03 | 36.09 -0.13 -2.95 | 32.95 -0.09 -3.18 | 32.54 -0.12 -3.05 | 34.84 -0.26 -2.74 | 44.62 -0.79 -1.54 | 60.40 -1.09 -0.77 | 65.14 -0.98 -0.95 | 64.95 -0.98 -0.26 | 62.88 -1.01 -0.86 | 54.81 -0.99 -0.91 | 44.81 -0.79 -1.77 | 40.97 -0.68 -1.82 | 37.36 -0.54 -1.83 |
| DANC___LFGE 323619 | 31.37 -0.03 -0.84 | 29.39 -0.06 -1.08 | 27.97 -0.11 -0.97 | 26.28 -0.10 -1.06 | 28.84 -0.08 -0.86 | 29.37 -0.03 -0.93 | 33.38 0.00 -0.31 | 35.76 -0.18 -0.09 | 41.04 -0.08 -0.62 | 39.89 -0.04 -1.09 | 39.73 -0.08 -1.72 | 34.98 0.03 -1.68 | 31.72 0.06 -1.81 | 31.40 0.06 -1.74 | 33.83 -0.10 -1.56 | 44.44 -0.30 -0.87 | 60.74 -0.42 -0.44 | 65.25 -0.45 -0.54 | 65.37 -0.46 -0.15 | 63.08 -0.44 -0.49 | 54.86 -0.55 -0.52 | 44.53 -0.30 -1.01 | 40.66 -0.20 -1.03 | 36.90 -0.22 -1.04 |
| DANSKAMMER___1 23586 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| DANSKAMMER___2 23589 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| DANSKAMMER___3 23590 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| DANSKAMMER___4 23591 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| DANSKAMMER___DIESEL 23592 | 48.28 2.60 -15.12 | 50.14 2.33 -19.44 | 46.77 2.17 -17.48 | 46.56 2.05 -19.19 | 45.80 2.16 -15.57 | 47.60 2.39 -16.74 | 41.43 2.78 -5.58 | 40.94 3.44 -1.65 | 55.48 3.85 -11.13 | 62.00 3.53 -19.62 | 72.90 3.73 -31.08 | 67.01 3.43 -30.31 | 65.48 3.01 -32.61 | 63.98 3.02 -31.36 | 63.74 3.27 -28.10 | 63.55 3.90 -15.78 | 73.94 5.28 -7.94 | 80.73 5.80 -9.77 | 74.15 5.84 -2.62 | 77.42 5.55 -8.84 | 69.05 4.83 -9.33 | 65.79 3.77 -18.19 | 61.91 3.43 -18.66 | 57.72 2.89 -18.75 |
| DASHVILLE___HYD 23610 | 47.75 2.02 -15.17 | 49.72 1.84 -19.51 | 46.37 1.71 -17.54 | 46.20 1.62 -19.25 | 45.40 1.71 -15.63 | 47.17 1.91 -16.80 | 40.85 2.18 -5.60 | 40.27 2.76 -1.66 | 54.79 3.12 -11.17 | 61.33 2.80 -19.69 | 72.28 3.01 -31.19 | 66.45 2.76 -30.42 | 65.03 2.45 -32.72 | 63.50 2.43 -31.47 | 63.19 2.62 -28.20 | 62.82 3.12 -15.83 | 72.87 4.19 -7.97 | 79.60 4.63 -9.80 | 72.91 4.60 -2.63 | 76.31 4.41 -8.87 | 68.09 3.84 -9.36 | 65.07 2.98 -18.26 | 61.26 2.71 -18.73 | 57.17 2.27 -18.82 |
| DELAWARE___LFGE 323621 | 38.32 1.41 -6.35 | 37.83 1.31 -8.16 | 35.70 1.25 -7.34 | 34.57 1.19 -8.05 | 35.89 1.29 -6.54 | 36.92 1.42 -7.03 | 37.13 1.72 -2.34 | 38.40 1.86 -0.69 | 47.24 2.06 -4.67 | 48.98 1.90 -8.24 | 53.25 1.98 -13.18 | 47.98 1.83 -12.88 | 45.28 1.61 -13.81 | 44.43 1.60 -13.22 | 45.81 1.65 -11.80 | 52.29 1.80 -6.62 | 66.48 2.43 -3.33 | 72.00 2.74 -4.10 | 69.54 2.76 -1.10 | 69.39 2.65 -3.71 | 61.06 2.25 -3.92 | 53.22 1.76 -7.64 | 49.29 1.63 -7.83 | 45.35 1.41 -7.87 |
| DOGLEVILLE___HYD 23807 | 32.71 2.54 0.40 | 30.21 2.35 0.51 | 28.96 2.30 0.46 | 26.95 2.13 0.50 | 30.04 2.38 0.41 | 30.48 2.45 0.44 | 35.84 2.91 0.15 | 38.89 3.08 0.04 | 43.65 3.44 0.29 | 41.55 3.22 0.51 | 40.51 3.24 0.81 | 35.34 2.86 0.79 | 31.57 2.57 0.85 | 31.33 2.55 0.82 | 34.35 2.72 0.74 | 46.75 3.29 0.41 | 64.94 4.43 0.21 | 69.73 4.82 0.26 | 70.34 4.73 0.07 | 67.28 4.48 0.23 | 58.49 3.84 0.24 | 46.42 3.07 0.48 | 42.21 2.87 0.49 | 38.18 2.60 0.49 |
| DUNKIRK___1 23563 | 33.48 0.46 -2.46 | 31.89 0.37 -3.16 | 30.55 0.60 -2.84 | 28.87 0.43 -3.12 | 31.15 0.56 -2.53 | 31.70 0.51 -2.72 | 34.77 0.79 -0.91 | 36.87 0.75 -0.27 | 41.84 -0.57 -1.91 | 41.34 -0.85 -3.36 | 50.44 -0.38 -12.73 | 46.88 -0.07 -13.67 | 42.08 0.09 -12.14 | 38.34 0.15 -8.59 | 36.89 -0.26 -4.78 | 43.58 -2.98 -2.69 | 57.23 -4.86 -1.38 | 62.29 -4.56 -1.68 | 61.96 -4.20 -0.48 | 60.15 -4.41 -1.53 | 52.57 -3.84 -1.52 | 43.86 -2.98 -3.01 | 40.83 -2.03 -3.03 | 37.07 -2.05 -3.05 |
| DUNKIRK___2 23564 | 33.48 0.46 -2.46 | 31.89 0.37 -3.16 | 30.55 0.60 -2.84 | 28.87 0.43 -3.12 | 31.15 0.56 -2.53 | 31.70 0.51 -2.72 | 34.77 0.79 -0.91 | 36.87 0.75 -0.27 | 41.84 -0.57 -1.91 | 41.34 -0.85 -3.36 | 50.44 -0.38 -12.73 | 46.88 -0.07 -13.67 | 42.08 0.09 -12.14 | 38.34 0.15 -8.59 | 36.89 -0.26 -4.78 | 43.58 -2.98 -2.69 | 57.23 -4.86 -1.38 | 62.29 -4.56 -1.68 | 61.96 -4.20 -0.48 | 60.15 -4.41 -1.53 | 52.57 -3.84 -1.52 | 43.86 -2.98 -3.01 | 40.83 -2.03 -3.03 | 37.07 -2.05 -3.05 |

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| DUNKIRK___3 23565 | 33.30 0.31 -2.43 | 31.74 0.25 -3.12 | 30.38 0.46 -2.81 | 28.73 0.33 -3.08 | 30.98 0.42 -2.50 | 31.52 0.37 -2.69 | 34.59 0.63 -0.90 | 36.61 0.50 -0.27 | 41.58 -0.81 -1.89 | 41.03 -1.13 -3.31 | 50.21 -0.65 -12.78 | 46.67 -0.33 -13.73 | 41.90 -0.12 -12.16 | 38.12 -0.06 -8.57 | 36.60 -0.48 -4.72 | 43.28 -3.25 -2.66 | 56.92 -5.16 -1.36 | 61.87 -4.96 -1.66 | 61.50 -4.66 -0.48 | 59.75 -4.79 -1.51 | 52.22 -4.17 -1.50 | 43.56 -3.24 -2.97 | 40.51 -2.31 -3.00 | 36.88 -2.20 -3.01 |
| DUNKIRK___4 23566 | 33.30 0.31 -2.43 | 31.74 0.25 -3.12 | 30.38 0.46 -2.81 | 28.73 0.33 -3.08 | 30.98 0.42 -2.50 | 31.52 0.37 -2.69 | 34.59 0.63 -0.90 | 36.61 0.50 -0.27 | 41.58 -0.81 -1.89 | 41.03 -1.13 -3.31 | 50.21 -0.65 -12.78 | 46.67 -0.33 -13.73 | 41.90 -0.12 -12.16 | 38.12 -0.06 -8.57 | 36.60 -0.48 -4.72 | 43.28 -3.25 -2.66 | 56.92 -5.16 -1.36 | 61.87 -4.96 -1.66 | 61.50 -4.66 -0.48 | 59.75 -4.79 -1.51 | 52.22 -4.17 -1.50 | 43.56 -3.24 -2.97 | 40.51 -2.31 -3.00 | 36.88 -2.20 -3.01 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 48.01 2.72 -14.73 | 49.72 2.41 -18.94 | 46.34 2.20 -17.03 | 46.09 2.08 -18.69 | 45.42 2.19 -15.17 | 47.16 2.39 -16.30 | 41.38 2.88 -5.43 | 41.01 3.55 -1.61 | 55.15 3.81 -10.84 | 61.53 3.57 -19.12 | 72.32 3.96 -30.28 | 66.39 3.59 -29.53 | 64.79 3.16 -31.77 | 63.32 3.17 -30.55 | 63.21 3.46 -27.38 | 63.32 4.08 -15.37 | 73.98 5.52 -7.73 | 80.68 5.99 -9.52 | 74.27 6.04 -2.55 | 77.44 5.80 -8.61 | 69.03 5.05 -9.09 | 65.45 3.90 -17.72 | 61.59 3.59 -18.18 | 57.41 3.06 -18.27 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 47.38 2.26 -14.56 | 49.13 2.04 -18.72 | 45.82 1.87 -16.83 | 45.57 1.77 -18.47 | 44.94 1.88 -15.00 | 46.66 2.08 -16.12 | 40.89 2.45 -5.37 | 40.48 3.05 -1.59 | 54.58 3.36 -10.72 | 60.81 3.07 -18.90 | 71.33 3.31 -29.93 | 65.52 3.06 -29.19 | 63.95 2.69 -31.40 | 62.46 2.67 -30.19 | 62.34 2.91 -27.06 | 62.49 3.42 -15.19 | 72.98 4.61 -7.65 | 79.66 5.09 -9.41 | 73.26 5.06 -2.52 | 76.39 4.85 -8.51 | 68.10 4.23 -8.99 | 64.64 3.29 -17.52 | 60.78 2.99 -17.97 | 56.66 2.52 -18.06 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 48.36 3.06 -14.73 | 49.97 2.67 -18.94 | 46.50 2.36 -17.03 | 46.37 2.36 -18.69 | 45.59 2.36 -15.17 | 47.31 2.53 -16.31 | 41.48 2.98 -5.43 | 41.18 3.73 -1.60 | 55.02 3.69 -10.83 | 61.41 3.46 -19.11 | 72.39 4.04 -30.27 | 66.69 3.89 -29.53 | 65.03 3.40 -31.77 | 63.44 3.29 -30.55 | 63.50 3.75 -27.38 | 63.58 4.34 -15.37 | 74.41 5.95 -7.74 | 81.00 6.32 -9.52 | 74.68 6.44 -2.56 | 77.83 6.18 -8.62 | 69.36 5.38 -9.09 | 65.80 4.25 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| EAST HAMPTON___GT 23717 | 53.06 7.77 -14.73 | 54.12 6.81 -18.94 | 50.41 6.27 -17.03 | 50.34 6.33 -18.69 | 49.44 6.20 -15.17 | 52.15 7.37 -16.31 | 47.17 8.66 -5.43 | 47.17 9.71 -1.61 | 60.91 9.56 -10.85 | 67.41 9.44 -19.13 | 88.60 10.01 -40.50 | 88.40 8.92 -46.20 | 85.04 7.94 -47.24 | 78.31 7.85 -40.86 | 80.50 8.74 -39.39 | 84.96 10.93 -30.17 | 111.42 15.36 -35.34 | 116.22 16.75 -34.30 | 113.80 16.88 -31.24 | 106.31 16.07 -27.20 | 98.70 13.72 -30.09 | 94.62 10.69 -40.10 | 75.39 9.48 -26.09 | 89.86 8.73 -45.06 |
| EAST RIVER___6 23660 | 48.04 2.75 -14.73 | 49.72 2.41 -18.94 | 46.31 2.17 -17.03 | 46.09 2.08 -18.69 | 45.42 2.19 -15.17 | 47.16 2.39 -16.30 | 41.38 2.88 -5.43 | 41.15 3.69 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.81 6.12 -9.52 | 74.41 6.17 -2.55 | 77.56 5.92 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| EAST RIVER___7 23524 | 48.04 2.75 -14.73 | 49.72 2.41 -18.94 | 46.31 2.17 -17.03 | 46.09 2.08 -18.69 | 45.42 2.19 -15.17 | 47.16 2.39 -16.30 | 41.38 2.88 -5.43 | 41.15 3.69 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.81 6.12 -9.52 | 74.41 6.17 -2.55 | 77.56 5.92 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 47.84 2.57 -14.70 | 49.58 2.30 -18.91 | 46.21 2.09 -17.01 | 45.96 1.98 -18.66 | 45.32 2.11 -15.15 | 47.03 2.28 -16.28 | 41.24 2.74 -5.43 | 40.86 3.41 -1.61 | 54.97 3.65 -10.83 | 61.35 3.42 -19.09 | 72.05 3.73 -30.23 | 66.19 3.43 -29.49 | 64.60 3.01 -31.72 | 63.10 2.99 -30.50 | 62.97 3.27 -27.34 | 63.08 3.86 -15.35 | 73.66 5.22 -7.72 | 80.34 5.67 -9.50 | 73.94 5.71 -2.55 | 77.11 5.48 -8.60 | 68.74 4.77 -9.08 | 65.25 3.72 -17.70 | 61.41 3.43 -18.15 | 57.24 2.92 -18.24 |
| EAST_HAMPTON___DIESEL 23722 | 53.09 7.79 -14.73 | 54.15 6.84 -18.94 | 50.41 6.27 -17.03 | 50.34 6.33 -18.69 | 49.44 6.20 -15.17 | 52.17 7.40 -16.31 | 47.20 8.70 -5.43 | 47.17 9.71 -1.61 | 60.95 9.60 -10.85 | 67.41 9.44 -19.13 | 88.60 10.01 -40.50 | 88.40 8.92 -46.20 | 85.04 7.94 -47.24 | 78.34 7.87 -40.86 | 80.50 8.74 -39.39 | 84.96 10.93 -30.17 | 111.42 15.36 -35.34 | 116.29 16.81 -34.30 | 113.80 16.88 -31.24 | 106.31 16.07 -27.20 | 98.75 13.77 -30.09 | 94.67 10.74 -40.10 | 75.43 9.52 -26.09 | 89.86 8.73 -45.06 |
| EAST_RIVER___1 323558 | 48.13 2.84 -14.72 | 49.80 2.50 -18.94 | 46.39 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.25 2.48 -16.30 | 41.48 2.98 -5.43 | 41.22 3.76 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.51 4.15 -30.28 | 66.62 3.82 -29.53 | 64.97 3.34 -31.77 | 63.49 3.34 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.22 5.77 -7.73 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.63 5.99 -8.61 | 69.25 5.27 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.59 3.25 -18.27 |
| EAST_RIVER___2 323559 | 48.04 2.75 -14.73 | 49.72 2.41 -18.94 | 46.31 2.17 -17.03 | 46.09 2.08 -18.69 | 45.42 2.19 -15.17 | 47.16 2.39 -16.30 | 41.38 2.88 -5.43 | 41.15 3.69 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.81 6.12 -9.52 | 74.41 6.17 -2.55 | 77.56 5.92 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| EAST___DELAWARE_HYD 23607 | 45.94 1.99 -13.39 | 47.37 1.79 -17.22 | 44.25 1.65 -15.48 | 43.88 1.57 -16.99 | 43.48 1.63 -13.79 | 45.17 1.88 -14.82 | 40.19 2.18 -4.94 | 40.11 2.80 -1.46 | 53.52 3.16 -9.86 | 59.06 2.83 -17.38 | 68.62 3.01 -27.52 | 62.91 2.80 -26.84 | 61.21 2.48 -28.88 | 59.83 2.46 -27.77 | 59.91 2.65 -24.89 | 60.91 3.07 -13.97 | 71.94 4.19 -7.03 | 78.45 4.63 -8.65 | 72.60 4.60 -2.32 | 75.27 4.41 -7.83 | 66.99 3.84 -8.26 | 62.92 2.98 -16.11 | 59.02 2.67 -16.53 | 54.88 2.20 -16.61 |
| ELEC_TRO_TEK 24086 | 48.78 3.48 -14.73 | 50.20 2.89 -18.94 | 46.73 2.58 -17.03 | 46.78 2.76 -18.69 | 45.79 2.55 -15.17 | 47.91 3.13 -16.31 | 42.21 3.70 -5.44 | 41.94 4.48 -1.61 | 55.52 4.17 -10.84 | 61.96 4.00 -19.12 | 88.86 4.68 -46.10 | 86.53 4.26 -49.00 | 85.06 3.76 -51.44 | 82.77 3.76 -49.40 | 84.22 4.08 -47.77 | 84.02 4.91 -35.23 | 99.05 6.62 -31.71 | 103.21 7.17 -30.87 | 100.00 7.22 -27.09 | 99.28 6.93 -29.31 | 90.67 6.04 -29.75 | 88.29 4.74 -39.73 | 80.75 4.38 -36.54 | 72.43 3.79 -32.57 |
| ELLENBURG_WT_PWR 323604 | 29.96 -0.61 0.00 | 27.91 -0.45 0.00 | 26.57 -0.54 0.00 | 24.84 -0.48 0.00 | 27.53 -0.53 0.00 | 27.96 -0.51 0.00 | 32.51 -0.56 0.00 | 35.17 -0.68 0.00 | 40.06 -0.44 0.00 | 38.65 -0.19 0.00 | 37.70 -0.38 0.00 | 32.84 -0.43 0.00 | 29.41 -0.45 0.00 | 29.22 -0.39 0.00 | 31.91 -0.45 0.00 | 44.00 0.13 0.00 | 61.08 0.37 0.00 | 65.36 0.20 0.00 | 65.94 0.26 0.00 | 63.41 0.38 0.00 | 55.17 0.28 0.00 | 44.09 0.26 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |

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| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 32.71 -0.21 -2.36 | 31.20 -0.20 -3.03 | 29.87 0.03 -2.73 | 28.26 -0.05 -2.99 | 30.46 -0.03 -2.43 | 31.02 -0.06 -2.61 | 34.01 0.07 -0.87 | 35.82 -0.29 -0.26 | 40.59 -1.74 -1.83 | 40.00 -2.06 -3.22 | 50.00 -1.56 -13.48 | 46.70 -1.13 -14.56 | 41.79 -0.84 -12.76 | 37.60 -0.80 -8.79 | 35.69 -1.26 -4.59 | 42.28 -4.17 -2.58 | 55.66 -6.37 -1.32 | 60.59 -6.19 -1.61 | 60.10 -6.04 -0.46 | 58.38 -6.11 -1.46 | 51.03 -5.32 -1.46 | 42.64 -4.07 -2.89 | 39.63 -3.11 -2.91 | 36.19 -2.81 -2.93 |
| EMPIRE_CC_1 323656 | 51.05 2.14 -18.34 | 53.94 1.99 -23.59 | 50.23 1.90 -21.21 | 50.35 1.75 -23.28 | 48.92 1.96 -18.90 | 50.83 2.05 -20.31 | 42.25 2.41 -6.77 | 40.36 2.51 -2.01 | 56.84 2.83 -13.50 | 65.33 2.68 -23.81 | 78.35 2.55 -37.71 | 72.28 2.23 -36.78 | 71.46 2.03 -39.57 | 69.67 2.01 -38.05 | 68.60 2.14 -34.10 | 65.78 2.77 -19.14 | 74.18 3.83 -9.63 | 81.20 4.17 -11.86 | 73.07 4.21 -3.18 | 77.73 3.97 -10.72 | 69.67 3.46 -11.32 | 68.71 2.81 -22.08 | 65.10 2.63 -22.64 | 61.17 2.34 -22.76 |
| EMPIRE_CC_2 323658 | 51.05 2.14 -18.34 | 53.94 1.99 -23.59 | 50.23 1.90 -21.21 | 50.35 1.75 -23.28 | 48.92 1.96 -18.90 | 50.83 2.05 -20.31 | 42.25 2.41 -6.77 | 40.36 2.51 -2.01 | 56.84 2.83 -13.50 | 65.33 2.68 -23.81 | 78.35 2.55 -37.71 | 72.28 2.23 -36.78 | 71.46 2.03 -39.57 | 69.67 2.01 -38.05 | 68.60 2.14 -34.10 | 65.78 2.77 -19.14 | 74.18 3.83 -9.63 | 81.20 4.17 -11.86 | 73.07 4.21 -3.18 | 77.73 3.97 -10.72 | 69.67 3.46 -11.32 | 68.71 2.81 -22.08 | 65.10 2.63 -22.64 | 61.17 2.34 -22.76 |
| ERIE_WT_PWR 323693 | 33.10 0.12 -2.41 | 31.59 0.11 -3.10 | 30.23 0.33 -2.79 | 28.59 0.20 -3.06 | 30.83 0.28 -2.49 | 31.37 0.23 -2.67 | 34.39 0.43 -0.89 | 36.33 0.22 -0.26 | 41.22 -1.18 -1.89 | 40.65 -1.52 -3.32 | 49.95 -1.03 -12.89 | 46.47 -0.67 -13.87 | 41.71 -0.42 -12.27 | 37.87 -0.35 -8.62 | 36.28 -0.81 -4.73 | 42.94 -3.60 -2.66 | 56.50 -5.58 -1.36 | 61.49 -5.34 -1.67 | 60.97 -5.19 -0.48 | 59.25 -5.29 -1.51 | 51.78 -4.61 -1.50 | 43.29 -3.51 -2.96 | 40.18 -2.63 -2.98 | 36.69 -2.38 -2.99 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 34.46 0.61 -3.28 | 33.18 0.60 -4.22 | 31.50 0.60 -3.79 | 30.02 0.53 -4.16 | 32.06 0.62 -3.38 | 32.75 0.66 -3.63 | 35.07 0.79 -1.21 | 37.03 0.83 -0.36 | 43.40 0.49 -2.41 | 43.45 0.35 -4.26 | 45.50 0.46 -6.96 | 40.59 0.50 -6.82 | 37.69 0.57 -7.26 | 37.03 0.53 -6.90 | 38.78 0.32 -6.09 | 47.07 -0.22 -3.42 | 62.14 -0.30 -1.72 | 67.22 -0.07 -2.12 | 66.18 -0.07 -0.57 | 64.89 -0.06 -1.92 | 56.69 -0.22 -2.02 | 47.56 -0.22 -3.95 | 43.71 -0.16 -4.05 | 40.07 -0.07 -4.07 |
| E_CANADA_CAP_HY 24051 | 55.30 0.83 -23.91 | 59.74 0.62 -30.75 | 55.44 0.68 -27.65 | 56.30 0.63 -30.34 | 53.61 0.92 -24.63 | 55.82 0.88 -26.47 | 43.15 1.26 -8.82 | 39.86 1.40 -2.61 | 60.21 2.10 -17.60 | 71.90 2.02 -31.03 | 89.14 1.90 -49.15 | 82.91 1.70 -47.94 | 83.04 1.61 -51.57 | 80.76 1.57 -49.59 | 78.36 1.55 -44.45 | 70.62 1.80 -24.95 | 75.88 2.61 -12.56 | 83.94 3.32 -15.45 | 73.11 3.28 -4.15 | 79.97 2.96 -13.98 | 72.23 2.58 -14.76 | 74.49 1.88 -28.77 | 71.09 1.75 -29.51 | 66.96 1.23 -29.66 |
| E_CANADA_MHWK_HY 24050 | 32.71 2.54 0.40 | 30.21 2.35 0.51 | 28.96 2.30 0.46 | 26.95 2.13 0.50 | 30.04 2.38 0.41 | 30.48 2.45 0.44 | 35.84 2.91 0.15 | 38.89 3.08 0.04 | 43.65 3.44 0.29 | 41.55 3.22 0.51 | 40.51 3.24 0.81 | 35.34 2.86 0.79 | 31.57 2.57 0.85 | 31.33 2.55 0.82 | 34.35 2.72 0.74 | 46.75 3.29 0.41 | 64.94 4.43 0.21 | 69.73 4.82 0.26 | 70.34 4.73 0.07 | 67.28 4.48 0.23 | 58.49 3.84 0.24 | 46.42 3.07 0.48 | 42.21 2.87 0.49 | 38.18 2.60 0.49 |
| E_FISHKILL__LBMP 23776 | 48.10 2.41 -15.12 | 50.00 2.18 -19.45 | 46.64 2.03 -17.49 | 46.41 1.90 -19.19 | 45.66 2.02 -15.58 | 47.43 2.22 -16.74 | 41.26 2.61 -5.58 | 40.66 3.16 -1.65 | 55.07 3.44 -11.13 | 61.66 3.19 -19.63 | 72.60 3.43 -31.09 | 66.69 3.09 -30.32 | 65.22 2.75 -32.62 | 63.72 2.75 -31.37 | 63.45 2.98 -28.11 | 63.20 3.55 -15.78 | 73.46 4.80 -7.94 | 80.22 5.28 -9.77 | 73.62 5.32 -2.62 | 76.92 5.04 -8.84 | 68.62 4.39 -9.33 | 65.49 3.46 -18.20 | 61.64 3.15 -18.67 | 57.54 2.71 -18.76 |
| FAR ROCKAWAY__4 23548 | 49.30 4.00 -14.73 | 50.71 3.40 -18.94 | 47.16 3.01 -17.04 | 47.21 3.19 -18.70 | 46.21 2.97 -15.18 | 48.42 3.64 -16.31 | 42.81 4.30 -5.44 | 42.52 5.06 -1.61 | 56.12 4.78 -10.84 | 62.54 4.58 -19.12 | 104.42 5.41 -60.93 | 103.54 4.89 -65.37 | 102.82 4.36 -68.60 | 101.83 4.32 -67.90 | 104.41 4.73 -67.32 | 102.49 5.70 -52.92 | 111.92 7.71 -43.49 | 114.85 8.41 -41.27 | 113.10 8.48 -38.95 | 113.01 8.07 -41.90 | 107.66 7.08 -45.68 | 106.14 5.52 -56.79 | 100.38 5.06 -55.50 | 78.78 4.40 -38.31 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 48.13 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.30 | 41.51 3.01 -5.43 | 41.26 3.80 -1.61 | 55.31 3.97 -10.84 | 61.73 3.77 -19.12 | 72.55 4.19 -30.28 | 66.66 3.86 -29.53 | 65.00 3.37 -31.77 | 63.50 3.34 -30.55 | 63.43 3.69 -27.38 | 63.58 4.34 -15.37 | 74.28 5.83 -7.73 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.69 6.05 -8.61 | 69.30 5.32 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.59 3.25 -18.27 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 48.13 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.28 2.51 -16.30 | 41.51 3.01 -5.43 | 41.26 3.80 -1.61 | 55.31 3.97 -10.84 | 61.73 3.77 -19.12 | 72.55 4.19 -30.28 | 66.66 3.86 -29.53 | 65.00 3.37 -31.77 | 63.50 3.34 -30.55 | 63.43 3.69 -27.38 | 63.58 4.34 -15.37 | 74.28 5.83 -7.73 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.69 6.05 -8.61 | 69.30 5.32 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.62 3.28 -18.27 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 48.13 2.84 -14.73 | 49.80 2.50 -18.94 | 46.39 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.25 2.48 -16.30 | 41.48 2.98 -5.43 | 41.22 3.76 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.51 4.15 -30.28 | 66.62 3.82 -29.53 | 64.97 3.34 -31.77 | 63.47 3.32 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.22 5.77 -7.73 | 80.94 6.26 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.25 5.27 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.59 3.25 -18.27 |
| FARRAGUT__LBMP 323566 | 48.10 2.81 -14.73 | 49.77 2.47 -18.94 | 46.39 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.47 3.32 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| FENNER__WINDPWR 24204 | 32.53 0.83 -1.13 | 30.53 0.71 -1.46 | 29.10 0.68 -1.31 | 27.39 0.63 -1.44 | 29.96 0.73 -1.17 | 30.52 0.80 -1.26 | 34.51 1.03 -0.42 | 37.01 1.04 -0.12 | 42.43 1.09 -0.83 | 41.32 1.01 -1.47 | 41.45 1.03 -2.33 | 36.51 0.97 -2.27 | 33.20 0.89 -2.45 | 32.82 0.86 -2.35 | 35.28 0.81 -2.11 | 45.75 0.70 -1.18 | 62.28 0.97 -0.60 | 67.13 1.24 -0.73 | 67.12 1.24 -0.20 | 64.83 1.14 -0.66 | 56.47 0.88 -0.70 | 45.85 0.66 -1.36 | 41.86 0.64 -1.40 | 38.02 0.54 -1.41 |
| FIBERTEK__ENERGY 23856 | 32.04 0.00 -1.47 | 30.20 -0.06 -1.89 | 28.79 -0.03 -1.70 | 27.17 -0.03 -1.87 | 29.58 0.00 -1.52 | 30.01 -0.09 -1.63 | 33.55 -0.07 -0.54 | 35.97 -0.04 -0.16 | 41.30 -0.28 -1.08 | 40.40 -0.35 -1.91 | 40.85 -0.26 -3.03 | 36.09 -0.13 -2.95 | 32.95 -0.09 -3.18 | 32.54 -0.12 -3.05 | 34.84 -0.26 -2.74 | 44.62 -0.79 -1.54 | 60.40 -1.09 -0.77 | 65.14 -0.98 -0.95 | 64.95 -0.98 -0.26 | 62.88 -1.01 -0.86 | 54.81 -0.99 -0.91 | 44.81 -0.79 -1.77 | 40.97 -0.68 -1.82 | 37.36 -0.54 -1.83 |

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| FITZPATRICK____ 23598 | 30.64 -0.82 -0.90 | 28.73 -0.79 -1.16 | 27.42 -0.73 -1.04 | 25.78 -0.68 -1.14 | 28.23 -0.76 -0.93 | 28.61 -0.85 -1.00 | 32.38 -1.03 -0.33 | 34.80 -1.15 -0.10 | 39.71 -1.46 -0.66 | 38.54 -1.48 -1.17 | 38.57 -1.37 -1.85 | 33.91 -1.17 -1.80 | 30.78 -1.02 -1.94 | 30.43 -1.04 -1.87 | 32.84 -1.20 -1.67 | 42.88 -1.93 -0.94 | 58.46 -2.73 -0.47 | 62.95 -2.80 -0.58 | 63.01 -2.82 -0.16 | 60.85 -2.71 -0.53 | 53.03 -2.41 -0.56 | 42.99 -1.93 -1.08 | 39.27 -1.67 -1.11 | 35.71 -1.48 -1.12 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 48.38 2.66 -15.16 | 50.24 2.38 -19.49 | 46.87 2.22 -17.53 | 46.66 2.10 -19.24 | 45.89 2.22 -15.61 | 47.70 2.45 -16.78 | 41.51 2.84 -5.59 | 41.02 3.52 -1.66 | 55.63 3.97 -11.16 | 62.13 3.61 -19.68 | 73.09 3.85 -31.16 | 67.19 3.53 -30.39 | 65.66 3.11 -32.70 | 64.12 3.08 -31.44 | 63.88 3.33 -28.18 | 63.68 3.99 -15.82 | 74.08 5.40 -7.96 | 80.95 5.99 -9.80 | 74.29 5.98 -2.63 | 77.63 5.74 -8.86 | 69.19 4.94 -9.36 | 65.93 3.86 -18.24 | 62.04 3.51 -18.71 | 57.84 2.96 -18.80 |
| FORT ORANGE____ 23900 | 51.06 1.90 -18.59 | 54.01 1.73 -23.92 | 50.30 1.68 -21.51 | 50.49 1.57 -23.60 | 48.96 1.74 -19.16 | 50.88 1.82 -20.59 | 42.15 2.22 -6.86 | 39.92 2.04 -2.03 | 56.50 2.31 -13.69 | 65.19 2.21 -24.14 | 78.37 2.06 -38.23 | 72.39 1.83 -37.29 | 71.61 1.64 -40.11 | 69.80 1.63 -38.57 | 68.68 1.75 -34.57 | 65.51 2.24 -19.41 | 73.46 2.97 -9.77 | 80.44 3.26 -12.02 | 72.25 3.35 -3.22 | 76.99 3.09 -10.87 | 69.06 2.69 -11.48 | 68.53 2.32 -22.38 | 65.05 2.27 -22.96 | 61.20 2.06 -23.07 |
| FORT_DRUM_COGEN 23780 | 31.47 0.34 -0.56 | 29.38 0.28 -0.73 | 27.96 0.19 -0.65 | 26.22 0.18 -0.72 | 28.87 0.22 -0.58 | 29.52 0.43 -0.62 | 33.84 0.56 -0.21 | 36.23 0.32 -0.06 | 41.64 0.73 -0.42 | 40.39 0.82 -0.73 | 39.97 0.72 -1.16 | 35.10 0.70 -1.13 | 31.67 0.60 -1.22 | 31.37 0.59 -1.17 | 33.90 0.49 -1.05 | 45.07 0.61 -0.59 | 61.98 0.97 -0.30 | 66.57 1.04 -0.36 | 66.83 1.05 -0.10 | 64.31 0.95 -0.33 | 55.90 0.66 -0.35 | 45.17 0.66 -0.68 | 41.16 0.64 -0.70 | 37.24 0.47 -0.70 |
| FPL FAR_ROCK_GT1 24212 | 49.30 4.00 -14.73 | 50.71 3.40 -18.94 | 47.16 3.01 -17.04 | 47.21 3.19 -18.70 | 46.21 2.97 -15.18 | 48.42 3.64 -16.31 | 42.81 4.30 -5.44 | 42.52 5.06 -1.61 | 56.12 4.78 -10.84 | 62.54 4.58 -19.12 | 104.42 5.41 -60.93 | 103.54 4.89 -65.37 | 102.82 4.36 -68.60 | 101.83 4.32 -67.90 | 104.41 4.73 -67.32 | 102.49 5.70 -52.92 | 111.92 7.71 -43.49 | 114.85 8.41 -41.27 | 113.10 8.48 -38.95 | 113.01 8.07 -41.90 | 107.66 7.08 -45.68 | 106.14 5.52 -56.79 | 100.38 5.06 -55.50 | 78.78 4.40 -38.31 |
| FPL FAR_ROCK_GT2 23815 | 49.30 4.00 -14.73 | 50.71 3.40 -18.94 | 47.16 3.01 -17.04 | 47.21 3.19 -18.70 | 46.21 2.97 -15.18 | 48.42 3.64 -16.31 | 42.81 4.30 -5.44 | 42.52 5.06 -1.61 | 56.12 4.78 -10.84 | 62.54 4.58 -19.12 | 104.42 5.41 -60.93 | 103.54 4.89 -65.37 | 102.82 4.36 -68.60 | 101.83 4.32 -67.90 | 104.41 4.73 -67.32 | 102.49 5.70 -52.92 | 111.92 7.71 -43.49 | 114.85 8.41 -41.27 | 113.10 8.48 -38.95 | 113.01 8.07 -41.90 | 107.66 7.08 -45.68 | 106.14 5.52 -56.79 | 100.38 5.06 -55.50 | 78.78 4.40 -38.31 |
| FRANKLIN_FALL_HYD 24054 | 29.98 -0.58 0.00 | 28.00 -0.37 0.00 | 26.60 -0.52 0.00 | 24.89 -0.43 0.00 | 27.58 -0.48 0.00 | 28.04 -0.43 0.00 | 32.54 -0.53 0.00 | 35.17 -0.68 0.00 | 40.13 -0.37 0.00 | 38.84 0.00 0.00 | 37.90 -0.19 0.00 | 33.00 -0.27 0.00 | 29.53 -0.33 0.00 | 29.34 -0.27 0.00 | 31.94 -0.42 0.00 | 44.31 0.44 0.00 | 61.57 0.85 0.00 | 65.75 0.59 0.00 | 66.34 0.66 0.00 | 63.85 0.82 0.00 | 55.49 0.60 0.00 | 44.44 0.61 0.00 | 40.34 0.52 0.00 | 36.51 0.43 0.00 |
| FREEPORT_EQUS_GT1 23764 | 49.11 3.82 -14.73 | 50.51 3.20 -18.94 | 47.00 2.85 -17.03 | 47.03 3.01 -18.69 | 46.04 2.81 -15.17 | 48.22 3.44 -16.31 | 42.57 4.07 -5.44 | 42.33 4.87 -1.61 | 55.92 4.58 -10.85 | 62.35 4.39 -19.12 | 90.18 4.84 -47.26 | 89.48 4.39 -51.82 | 87.56 3.88 -53.82 | 83.63 3.88 -50.15 | 85.42 4.21 -48.85 | 86.31 5.09 -37.35 | 103.88 6.86 -36.31 | 107.69 7.49 -35.03 | 105.17 7.55 -31.94 | 101.72 7.18 -31.50 | 95.08 6.31 -33.88 | 93.07 5.08 -44.16 | 81.18 4.82 -36.53 | 79.92 4.18 -39.67 |
| FREEPORT____CT2 23818 | 49.11 3.82 -14.73 | 50.51 3.20 -18.94 | 47.00 2.85 -17.03 | 47.03 3.01 -18.69 | 46.04 2.81 -15.17 | 48.22 3.44 -16.31 | 42.57 4.07 -5.44 | 42.33 4.87 -1.61 | 55.92 4.58 -10.85 | 62.35 4.39 -19.12 | 90.18 4.84 -47.26 | 89.48 4.39 -51.82 | 87.56 3.88 -53.82 | 83.63 3.88 -50.15 | 85.42 4.21 -48.85 | 86.31 5.09 -37.35 | 103.88 6.86 -36.31 | 107.69 7.49 -35.03 | 105.17 7.55 -31.94 | 101.72 7.18 -31.50 | 95.08 6.31 -33.88 | 93.07 5.08 -44.16 | 81.18 4.82 -36.53 | 79.92 4.18 -39.67 |
| FULTON COGEN____ 23766 | 31.33 -0.40 -1.16 | 29.43 -0.42 -1.49 | 28.08 -0.38 -1.34 | 26.44 -0.35 -1.47 | 28.86 -0.39 -1.19 | 29.27 -0.48 -1.28 | 32.94 -0.56 -0.43 | 35.40 -0.57 -0.13 | 40.50 -0.85 -0.85 | 39.46 -0.89 -1.51 | 39.67 -0.80 -2.38 | 35.00 -0.60 -2.33 | 31.82 -0.54 -2.50 | 31.45 -0.56 -2.41 | 33.81 -0.71 -2.16 | 43.77 -1.31 -1.21 | 59.51 -1.82 -0.61 | 64.09 -1.82 -0.75 | 64.04 -1.84 -0.20 | 61.95 -1.76 -0.68 | 53.96 -1.65 -0.72 | 43.91 -1.31 -1.40 | 40.10 -1.16 -1.43 | 36.54 -0.97 -1.44 |
| FULTON____LFGE 323630 | 56.72 3.48 -22.67 | 60.50 2.98 -29.16 | 56.37 3.04 -26.22 | 56.88 2.79 -28.77 | 54.95 3.54 -23.35 | 56.87 3.30 -25.10 | 45.67 4.23 -8.37 | 43.02 4.69 -2.48 | 63.39 6.20 -16.69 | 74.29 6.02 -29.43 | 90.41 5.71 -46.61 | 83.78 5.06 -45.46 | 83.48 4.72 -48.90 | 81.25 4.62 -47.02 | 79.36 4.85 -42.14 | 73.59 6.06 -23.66 | 81.31 8.68 -11.91 | 89.98 10.16 -14.65 | 79.72 10.11 -3.93 | 85.49 9.20 -13.25 | 76.95 8.07 -13.99 | 77.25 6.14 -27.28 | 73.58 5.77 -27.98 | 68.78 4.58 -28.12 |
| G.F.CEMENT____DRP 24184 | 52.91 2.57 -19.78 | 56.10 2.30 -25.44 | 52.24 2.25 -22.87 | 52.47 2.05 -25.10 | 50.87 2.44 -20.37 | 52.81 2.45 -21.90 | 43.35 2.98 -7.30 | 41.16 3.16 -2.16 | 58.95 3.89 -14.56 | 68.28 3.77 -25.67 | 82.29 3.54 -40.66 | 75.95 3.03 -39.65 | 75.45 2.93 -42.66 | 73.53 2.90 -41.02 | 72.21 3.08 -36.77 | 68.50 3.99 -20.64 | 76.51 5.40 -10.39 | 84.14 6.19 -12.78 | 75.28 6.17 -3.43 | 80.27 5.68 -11.56 | 72.09 4.99 -12.21 | 71.66 4.03 -23.80 | 67.94 3.70 -24.41 | 63.75 3.14 -24.53 |
| GARDENVILLE____LBMP 24039 | 32.94 -0.03 -2.40 | 31.43 -0.03 -3.09 | 30.08 0.19 -2.78 | 28.45 0.08 -3.05 | 30.68 0.14 -2.48 | 31.21 0.09 -2.66 | 34.22 0.26 -0.89 | 36.11 0.00 -0.26 | 40.95 -1.42 -1.87 | 40.37 -1.75 -3.27 | 49.55 -1.26 -12.72 | 46.08 -0.87 -13.67 | 41.36 -0.60 -12.10 | 37.58 -0.53 -8.51 | 36.03 -1.00 -4.67 | 42.64 -3.86 -2.63 | 56.11 -5.95 -1.34 | 61.07 -5.74 -1.64 | 60.57 -5.58 -0.47 | 58.91 -5.61 -1.49 | 51.44 -4.94 -1.49 | 43.00 -3.77 -2.94 | 39.92 -2.87 -2.97 | 36.46 -2.60 -2.98 |
| GENERAL____MILLS 23808 | 33.07 0.09 -2.41 | 31.53 0.06 -3.10 | 30.21 0.30 -2.79 | 28.56 0.18 -3.06 | 30.80 0.25 -2.49 | 31.34 0.20 -2.67 | 34.36 0.40 -0.89 | 36.29 0.18 -0.26 | 41.18 -1.21 -1.89 | 40.61 -1.55 -3.32 | 49.91 -1.07 -12.89 | 46.44 -0.70 -13.87 | 41.68 -0.45 -12.27 | 37.81 -0.41 -8.62 | 36.22 -0.87 -4.73 | 42.89 -3.64 -2.66 | 56.37 -5.71 -1.36 | 61.36 -5.47 -1.67 | 60.91 -5.26 -0.48 | 59.19 -5.36 -1.51 | 51.72 -4.67 -1.50 | 43.25 -3.55 -2.96 | 40.14 -2.67 -2.98 | 36.65 -2.42 -2.99 |
| GE_PLASTICS____DRP 24183 | 51.24 1.86 -18.81 | 54.29 1.73 -24.19 | 50.55 1.68 -21.75 | 50.76 1.57 -23.87 | 49.18 1.74 -19.38 | 51.12 1.82 -20.83 | 42.16 2.15 -6.94 | 39.98 2.08 -2.06 | 56.70 2.35 -13.85 | 65.43 2.17 -24.42 | 78.85 2.09 -38.67 | 72.85 1.86 -37.72 | 72.10 1.67 -40.57 | 70.28 1.66 -39.02 | 69.11 1.78 -34.97 | 65.74 2.24 -19.63 | 73.57 2.97 -9.88 | 80.58 3.26 -12.16 | 72.23 3.28 -3.26 | 77.18 3.15 -10.99 | 69.24 2.74 -11.61 | 68.79 2.32 -22.64 | 65.27 2.23 -23.22 | 61.43 2.02 -23.33 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GILBOA___1 23756 | 46.68 1.59 -14.52 | 48.58 1.53 -18.68 | 45.48 1.57 -16.80 | 45.22 1.47 -18.43 | 44.62 1.60 -14.96 | 46.25 1.71 -16.08 | 40.31 1.88 -5.36 | 39.41 1.97 -1.59 | 53.34 2.15 -10.69 | 59.68 1.98 -18.85 | 70.00 2.06 -29.86 | 64.22 1.83 -29.12 | 62.83 1.64 -31.33 | 61.36 1.63 -30.13 | 61.11 1.75 -27.00 | 61.09 2.06 -15.16 | 71.14 2.79 -7.63 | 77.42 2.86 -9.39 | 71.16 2.96 -2.52 | 74.42 2.90 -8.49 | 66.38 2.53 -8.96 | 63.33 2.02 -17.48 | 59.63 1.87 -17.93 | 55.75 1.66 -18.02 |
| GILBOA___2 23757 | 46.68 1.59 -14.52 | 48.58 1.53 -18.68 | 45.48 1.57 -16.80 | 45.22 1.47 -18.43 | 44.62 1.60 -14.96 | 46.25 1.71 -16.08 | 40.31 1.88 -5.36 | 39.41 1.97 -1.59 | 53.34 2.15 -10.69 | 59.68 1.98 -18.85 | 70.00 2.06 -29.86 | 64.22 1.83 -29.12 | 62.83 1.64 -31.33 | 61.36 1.63 -30.13 | 61.11 1.75 -27.00 | 61.09 2.06 -15.16 | 71.14 2.79 -7.63 | 77.42 2.86 -9.39 | 71.16 2.96 -2.52 | 74.42 2.90 -8.49 | 66.38 2.53 -8.96 | 63.33 2.02 -17.48 | 59.63 1.87 -17.93 | 55.75 1.66 -18.02 |
| GILBOA___3 23758 | 46.68 1.59 -14.52 | 48.58 1.53 -18.68 | 45.48 1.57 -16.80 | 45.22 1.47 -18.43 | 44.62 1.60 -14.96 | 46.25 1.71 -16.08 | 40.31 1.88 -5.36 | 39.41 1.97 -1.59 | 53.34 2.15 -10.69 | 59.68 1.98 -18.85 | 70.00 2.06 -29.86 | 64.22 1.83 -29.12 | 62.83 1.64 -31.33 | 61.36 1.63 -30.13 | 61.11 1.75 -27.00 | 61.09 2.06 -15.16 | 71.14 2.79 -7.63 | 77.42 2.86 -9.39 | 71.16 2.96 -2.52 | 74.42 2.90 -8.49 | 66.38 2.53 -8.96 | 63.33 2.02 -17.48 | 59.63 1.87 -17.93 | 55.75 1.66 -18.02 |
| GILBOA___4 23759 | 46.68 1.59 -14.52 | 48.58 1.53 -18.68 | 45.48 1.57 -16.80 | 45.22 1.47 -18.43 | 44.62 1.60 -14.96 | 46.25 1.71 -16.08 | 40.31 1.88 -5.36 | 39.41 1.97 -1.59 | 53.34 2.15 -10.69 | 59.68 1.98 -18.85 | 70.00 2.06 -29.86 | 64.22 1.83 -29.12 | 62.83 1.64 -31.33 | 61.36 1.63 -30.13 | 61.11 1.75 -27.00 | 61.09 2.06 -15.16 | 71.14 2.79 -7.63 | 77.42 2.86 -9.39 | 71.16 2.96 -2.52 | 74.42 2.90 -8.49 | 66.38 2.53 -8.96 | 63.33 2.02 -17.48 | 59.63 1.87 -17.93 | 55.75 1.66 -18.02 |
| GILBOA____ 23599 | 46.68 1.59 -14.52 | 48.58 1.53 -18.68 | 45.48 1.57 -16.80 | 45.22 1.47 -18.43 | 44.62 1.60 -14.96 | 46.25 1.71 -16.08 | 40.31 1.88 -5.36 | 39.41 1.97 -1.59 | 53.34 2.15 -10.69 | 59.68 1.98 -18.85 | 70.00 2.06 -29.86 | 64.22 1.83 -29.12 | 62.83 1.64 -31.33 | 61.36 1.63 -30.13 | 61.11 1.75 -27.00 | 61.09 2.06 -15.16 | 71.14 2.79 -7.63 | 77.42 2.86 -9.39 | 71.16 2.96 -2.52 | 74.42 2.90 -8.49 | 66.38 2.53 -8.96 | 63.33 2.02 -17.48 | 59.63 1.87 -17.93 | 55.75 1.66 -18.02 |
| GINNA____ 23603 | 30.30 -1.99 -1.72 | 28.70 -1.87 -2.21 | 27.45 -1.65 -1.99 | 25.93 -1.57 -2.18 | 28.15 -1.68 -1.77 | 28.60 -1.77 -1.90 | 31.69 -2.02 -0.63 | 33.67 -2.37 -0.19 | 38.40 -3.36 -1.27 | 37.66 -3.42 -2.23 | 38.24 -3.20 -3.35 | 33.82 -2.69 -3.24 | 31.05 -2.36 -3.55 | 30.72 -2.37 -3.49 | 32.78 -2.78 -3.19 | 40.88 -4.78 -1.79 | 54.82 -6.80 -0.90 | 59.57 -6.71 -1.11 | 59.22 -6.76 -0.30 | 57.48 -6.56 -1.00 | 50.08 -5.87 -1.06 | 41.21 -4.69 -2.07 | 37.88 -4.06 -2.12 | 35.03 -3.17 -2.13 |
| GLEN PARK____ 23778 | 31.65 0.49 -0.60 | 29.54 0.40 -0.77 | 28.11 0.30 -0.69 | 26.36 0.28 -0.76 | 29.04 0.36 -0.62 | 29.67 0.54 -0.66 | 34.05 0.76 -0.22 | 36.41 0.50 -0.07 | 41.91 0.97 -0.44 | 40.67 1.05 -0.78 | 40.27 0.95 -1.23 | 35.37 0.90 -1.20 | 31.93 0.78 -1.29 | 31.62 0.77 -1.24 | 34.13 0.65 -1.12 | 45.33 0.83 -0.63 | 62.31 1.28 -0.32 | 66.93 1.37 -0.39 | 67.23 1.44 -0.10 | 64.64 1.26 -0.35 | 56.19 0.93 -0.37 | 45.38 0.83 -0.72 | 41.36 0.80 -0.74 | 37.43 0.61 -0.74 |
| GLENWOOD_IC_1_G5 23712 | 48.60 3.30 -14.73 | 50.15 2.84 -18.94 | 46.70 2.55 -17.03 | 46.60 2.58 -18.69 | 45.76 2.53 -15.17 | 47.74 2.96 -16.31 | 42.05 3.54 -5.44 | 41.72 4.26 -1.61 | 55.60 4.25 -10.85 | 61.89 3.92 -19.12 | 84.84 4.61 -42.15 | 82.58 4.19 -45.12 | 80.76 3.70 -47.20 | 77.54 3.67 -44.26 | 78.81 4.01 -42.43 | 79.41 4.78 -30.76 | 96.94 6.50 -29.72 | 101.35 7.04 -29.14 | 97.93 7.10 -25.15 | 96.18 6.81 -26.34 | 87.22 5.93 -26.40 | 84.62 4.64 -36.15 | 75.13 4.26 -31.04 | 72.86 3.68 -33.11 |
| GLENWOOD_IC_2_G1 23688 | 48.38 3.09 -14.73 | 49.95 2.64 -18.94 | 46.53 2.39 -17.03 | 46.42 2.41 -18.69 | 45.62 2.38 -15.17 | 47.51 2.73 -16.31 | 41.78 3.27 -5.44 | 41.44 3.98 -1.61 | 55.35 4.01 -10.84 | 61.73 3.77 -19.12 | 78.10 4.30 -35.71 | 73.64 3.92 -36.45 | 72.03 3.46 -38.71 | 69.99 3.43 -36.96 | 70.53 3.75 -34.41 | 70.69 4.48 -22.34 | 87.61 6.01 -20.88 | 92.92 6.52 -21.24 | 88.28 6.57 -16.03 | 88.99 6.30 -19.65 | 76.93 5.49 -16.55 | 73.73 4.30 -25.60 | 68.15 3.98 -24.34 | 63.36 3.43 -23.86 |
| GLENWOOD_IC_3_G1 23689 | 48.38 3.09 -14.73 | 49.95 2.64 -18.94 | 46.53 2.39 -17.03 | 46.42 2.41 -18.69 | 45.62 2.38 -15.17 | 47.51 2.73 -16.31 | 41.78 3.27 -5.44 | 41.44 3.98 -1.61 | 55.35 4.01 -10.84 | 61.73 3.77 -19.12 | 78.10 4.30 -35.71 | 73.64 3.92 -36.45 | 72.03 3.46 -38.71 | 69.99 3.43 -36.96 | 70.53 3.75 -34.41 | 70.69 4.48 -22.34 | 87.61 6.01 -20.88 | 92.92 6.52 -21.24 | 88.28 6.57 -16.03 | 88.99 6.30 -19.65 | 76.93 5.49 -16.55 | 73.73 4.30 -25.60 | 68.15 3.98 -24.34 | 63.36 3.43 -23.86 |
| GLENWOOD___4 23550 | 48.60 3.30 -14.73 | 50.15 2.84 -18.94 | 46.70 2.55 -17.03 | 46.60 2.58 -18.69 | 45.76 2.53 -15.17 | 47.74 2.96 -16.31 | 42.05 3.54 -5.44 | 41.72 4.26 -1.61 | 55.60 4.25 -10.85 | 61.93 3.96 -19.12 | 84.84 4.61 -42.15 | 82.58 4.19 -45.12 | 80.76 3.70 -47.20 | 77.54 3.67 -44.26 | 78.81 4.01 -42.43 | 79.41 4.78 -30.76 | 96.94 6.50 -29.72 | 101.35 7.04 -29.14 | 97.93 7.10 -25.15 | 96.18 6.81 -26.34 | 87.22 5.93 -26.40 | 84.62 4.64 -36.15 | 75.13 4.26 -31.04 | 72.86 3.68 -33.11 |
| GLENWOOD___5 23614 | 48.60 3.30 -14.73 | 50.15 2.84 -18.94 | 46.70 2.55 -17.03 | 46.60 2.58 -18.69 | 45.76 2.53 -15.17 | 47.74 2.96 -16.31 | 42.05 3.54 -5.44 | 41.72 4.26 -1.61 | 55.60 4.25 -10.85 | 61.93 3.96 -19.12 | 84.84 4.61 -42.15 | 82.58 4.19 -45.12 | 80.76 3.70 -47.20 | 77.54 3.67 -44.26 | 78.81 4.01 -42.43 | 79.41 4.78 -30.76 | 96.94 6.50 -29.72 | 101.35 7.04 -29.14 | 97.93 7.10 -25.15 | 96.18 6.81 -26.34 | 87.22 5.93 -26.40 | 84.62 4.64 -36.15 | 75.13 4.26 -31.04 | 72.86 3.68 -33.11 |
| GLOBAL GREEN_PORT_GT1 23814 | 52.96 7.67 -14.73 | 54.03 6.72 -18.94 | 50.33 6.18 -17.03 | 50.24 6.23 -18.69 | 49.35 6.12 -15.17 | 52.06 7.29 -16.31 | 47.07 8.56 -5.43 | 47.03 9.57 -1.61 | 60.75 9.40 -10.85 | 67.21 9.24 -19.13 | 88.41 9.83 -40.50 | 88.22 8.75 -46.20 | 84.92 7.82 -47.24 | 78.19 7.73 -40.86 | 80.34 8.58 -39.39 | 84.79 10.75 -30.17 | 111.12 15.06 -35.34 | 115.90 16.42 -34.30 | 113.47 16.55 -31.24 | 105.99 15.76 -27.20 | 98.43 13.45 -30.09 | 94.45 10.52 -40.10 | 75.23 9.32 -26.09 | 89.71 8.58 -45.06 |
| GLOBE___DSASP 323697 | 31.43 -1.37 -2.24 | 30.03 -1.22 -2.88 | 28.78 -0.92 -2.59 | 27.23 -0.94 -2.84 | 29.36 -1.01 -2.31 | 29.90 -1.05 -2.48 | 32.74 -1.16 -0.83 | 34.16 -1.94 -0.24 | 38.42 -3.64 -1.57 | 37.90 -3.73 -2.79 | 36.62 -3.20 -1.74 | 31.95 -2.56 -1.24 | 30.01 -2.12 -2.27 | 30.86 -2.04 -3.29 | 33.72 -2.65 -4.01 | 39.92 -6.18 -2.24 | 52.72 -9.11 -1.11 | 57.48 -9.06 -1.37 | 57.09 -8.93 -0.34 | 55.44 -8.82 -1.24 | 48.42 -7.85 -1.38 | 40.35 -6.14 -2.65 | 37.61 -4.98 -2.77 | 34.45 -4.40 -2.78 |
| GOETHSLN___LBMP 323567 | 47.98 2.69 -14.73 | 49.66 2.35 -18.94 | 46.26 2.12 -17.03 | 46.04 2.03 -18.69 | 45.36 2.13 -15.17 | 47.11 2.33 -16.30 | 41.35 2.84 -5.43 | 41.12 3.66 -1.61 | 55.15 3.81 -10.84 | 61.57 3.61 -19.12 | 72.40 4.04 -30.28 | 66.46 3.66 -29.53 | 64.82 3.20 -31.77 | 63.32 3.17 -30.55 | 63.27 3.53 -27.38 | 63.27 4.03 -15.37 | 73.80 5.34 -7.73 | 80.48 5.80 -9.52 | 74.02 5.78 -2.55 | 77.19 5.55 -8.61 | 68.92 4.94 -9.09 | 65.36 3.81 -17.72 | 61.59 3.59 -18.18 | 57.41 3.06 -18.27 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| GOODYEAR_LAKE_HYD 323669 | 36.25 1.41 -4.27 | 35.14 1.28 -5.50 | 33.30 1.25 -4.94 | 31.91 1.17 -5.42 | 33.78 1.32 -4.40 | 34.68 1.48 -4.73 | 36.50 1.85 -1.58 | 38.28 1.97 -0.47 | 45.95 2.31 -3.15 | 46.56 2.17 -5.55 | 49.12 2.25 -8.78 | 43.87 2.03 -8.57 | 40.90 1.82 -9.22 | 40.27 1.81 -8.86 | 42.15 1.84 -7.94 | 50.31 1.98 -4.46 | 65.76 2.79 -2.24 | 71.06 3.13 -2.76 | 69.64 3.22 -0.74 | 68.55 3.03 -2.50 | 60.11 2.58 -2.64 | 50.95 1.97 -5.14 | 46.89 1.79 -5.27 | 42.85 1.48 -5.30 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 36.16 0.79 -4.80 | 35.26 0.71 -6.18 | 33.40 0.73 -5.56 | 32.10 0.68 -6.10 | 33.77 0.76 -4.95 | 34.58 0.80 -5.32 | 35.83 0.99 -1.77 | 37.45 1.07 -0.53 | 44.85 0.81 -3.54 | 45.70 0.62 -6.24 | 49.05 0.80 -10.16 | 44.03 0.80 -9.96 | 41.22 0.75 -10.62 | 40.44 0.74 -10.09 | 41.95 0.65 -8.93 | 48.89 0.00 -5.01 | 63.18 -0.06 -2.52 | 68.40 0.13 -3.11 | 66.71 0.20 -0.83 | 65.97 0.13 -2.81 | 57.86 0.00 -2.97 | 49.61 0.00 -5.78 | 45.88 0.12 -5.93 | 42.25 0.22 -5.96 |
| GOUDEY___7 23579 | 36.20 0.83 -4.80 | 35.28 0.74 -6.18 | 33.43 0.76 -5.56 | 32.10 0.68 -6.10 | 33.80 0.78 -4.95 | 34.61 0.83 -5.32 | 35.87 1.03 -1.77 | 37.49 1.11 -0.53 | 44.89 0.85 -3.54 | 45.74 0.66 -6.24 | 49.09 0.84 -10.16 | 44.07 0.83 -9.96 | 41.25 0.78 -10.62 | 40.47 0.77 -10.09 | 41.98 0.68 -8.93 | 48.93 0.04 -5.01 | 63.24 0.00 -2.52 | 68.47 0.20 -3.11 | 66.78 0.26 -0.83 | 66.03 0.19 -2.81 | 57.91 0.05 -2.97 | 49.66 0.04 -5.78 | 45.92 0.16 -5.93 | 42.25 0.22 -5.96 |
| GOUDEY___8 23580 | 36.16 0.79 -4.80 | 35.26 0.71 -6.18 | 33.40 0.73 -5.56 | 32.10 0.68 -6.10 | 33.77 0.76 -4.95 | 34.58 0.80 -5.32 | 35.83 0.99 -1.77 | 37.45 1.07 -0.53 | 44.85 0.81 -3.54 | 45.70 0.62 -6.24 | 49.05 0.80 -10.16 | 44.03 0.80 -9.96 | 41.22 0.75 -10.62 | 40.44 0.74 -10.09 | 41.95 0.65 -8.93 | 48.89 0.00 -5.01 | 63.18 -0.06 -2.52 | 68.40 0.13 -3.11 | 66.71 0.20 -0.83 | 65.97 0.13 -2.81 | 57.86 0.00 -2.97 | 49.61 0.00 -5.78 | 45.88 0.12 -5.93 | 42.25 0.22 -5.96 |
| GOWANUS_GT1_1 24077 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_2 24078 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_3 24079 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_4 24080 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_5 24084 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_6 24111 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_7 24112 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT1_8 24113 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_1 24114 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_2 24115 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_3 24116 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT2_4 24117 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_5 24118 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_6 24119 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_7 24120 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT2_8 24121 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_1 24122 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_2 24123 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_3 24124 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_4 24125 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_5 24126 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_6 24127 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_7 24128 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT3_8 24129 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_1 24130 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_2 24131 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_3 24132 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_4 24133 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_5 24134 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_6 24135 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_7 24136 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GOWANUS_GT4_8 24137 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GREENIDGE___3 23582 | 33.81 0.34 -2.91 | 32.39 0.28 -3.74 | 30.80 0.33 -3.36 | 29.29 0.28 -3.69 | 31.42 0.36 -3.00 | 32.09 0.40 -3.22 | 34.77 0.63 -1.07 | 36.81 0.65 -0.32 | 42.48 -0.16 -2.14 | 42.23 -0.39 -3.78 | 44.35 -0.19 -6.46 | 39.85 0.20 -6.38 | 36.82 0.27 -6.70 | 36.06 0.21 -6.24 | 37.74 -0.03 -5.41 | 45.37 -1.54 -3.04 | 59.39 -2.85 -1.53 | 64.50 -2.54 -1.88 | 63.56 -2.63 -0.50 | 62.21 -2.52 -1.70 | 54.22 -2.47 -1.80 | 45.71 -1.62 -3.50 | 42.18 -1.23 -3.59 | 39.03 -0.65 -3.61 |
| GREENIDGE___4 23583 | 33.81 0.34 -2.91 | 32.39 0.28 -3.74 | 30.80 0.33 -3.36 | 29.29 0.28 -3.69 | 31.42 0.36 -3.00 | 32.09 0.40 -3.22 | 34.77 0.63 -1.07 | 36.81 0.65 -0.32 | 42.48 -0.16 -2.14 | 42.23 -0.39 -3.78 | 44.35 -0.19 -6.46 | 39.85 0.20 -6.38 | 36.82 0.27 -6.70 | 36.06 0.21 -6.24 | 37.74 -0.03 -5.41 | 45.37 -1.54 -3.04 | 59.39 -2.85 -1.53 | 64.50 -2.54 -1.88 | 63.56 -2.63 -0.50 | 62.21 -2.52 -1.70 | 54.22 -2.47 -1.80 | 45.71 -1.62 -3.50 | 42.18 -1.23 -3.59 | 39.03 -0.65 -3.61 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| GROVEVILLE___HYD 323602 | 48.38 2.66 -15.16 | 50.24 2.38 -19.49 | 46.87 2.22 -17.53 | 46.66 2.10 -19.24 | 45.89 2.22 -15.61 | 47.70 2.45 -16.78 | 41.51 2.84 -5.59 | 41.02 3.52 -1.66 | 55.63 3.97 -11.16 | 62.13 3.61 -19.68 | 73.09 3.85 -31.16 | 67.19 3.53 -30.39 | 65.66 3.11 -32.70 | 64.12 3.08 -31.44 | 63.88 3.33 -28.18 | 63.68 3.99 -15.82 | 74.08 5.40 -7.96 | 80.95 5.99 -9.80 | 74.29 5.98 -2.63 | 77.63 5.74 -8.86 | 69.19 4.94 -9.36 | 65.93 3.86 -18.24 | 62.04 3.51 -18.71 | 57.84 2.96 -18.80 |
| HAMPSHIRE___PAPER_HYD 323593 | 29.80 -0.76 0.00 | 27.69 -0.68 0.00 | 26.38 -0.73 0.00 | 24.66 -0.66 0.00 | 27.33 -0.73 0.00 | 27.78 -0.68 0.00 | 32.11 -0.96 0.00 | 34.63 -1.22 0.00 | 39.53 -0.97 0.00 | 38.26 -0.58 0.00 | 37.40 -0.68 0.00 | 32.54 -0.73 0.00 | 29.14 -0.72 0.00 | 28.92 -0.68 0.00 | 31.52 -0.84 0.00 | 43.43 -0.44 0.00 | 60.30 -0.42 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.12 -0.77 0.00 | 43.53 -0.30 0.00 | 39.71 -0.12 0.00 | 35.97 -0.11 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 32.22 2.05 0.40 | 29.76 1.90 0.51 | 28.50 1.84 0.46 | 26.54 1.72 0.50 | 29.59 1.93 0.41 | 30.05 2.02 0.44 | 35.31 2.38 0.15 | 38.35 2.55 0.04 | 43.04 2.83 0.29 | 41.01 2.68 0.51 | 39.94 2.67 0.81 | 34.81 2.33 0.79 | 31.10 2.09 0.85 | 30.89 2.10 0.82 | 33.86 2.23 0.74 | 46.14 2.68 0.41 | 64.09 3.58 0.21 | 68.75 3.84 0.26 | 69.42 3.81 0.07 | 66.27 3.46 0.23 | 57.66 3.02 0.24 | 45.72 2.37 0.48 | 41.57 2.23 0.49 | 37.60 2.02 0.49 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 46.76 2.29 -13.90 | 48.29 2.04 -17.88 | 45.06 1.87 -16.07 | 44.73 1.77 -17.64 | 44.26 1.88 -14.32 | 45.93 2.08 -15.39 | 40.65 2.45 -5.13 | 40.45 3.08 -1.52 | 54.09 3.36 -10.23 | 59.99 3.11 -18.04 | 70.01 3.35 -28.58 | 64.20 3.06 -27.87 | 62.56 2.72 -29.98 | 61.13 2.69 -28.83 | 61.15 2.94 -25.84 | 61.80 3.42 -14.51 | 72.63 4.61 -7.30 | 79.30 5.15 -8.98 | 73.22 5.13 -2.41 | 76.08 4.92 -8.12 | 67.70 4.23 -8.58 | 63.89 3.33 -16.73 | 60.01 3.03 -17.16 | 55.88 2.56 -17.24 |
| HARZA MOOSE___RIVER 24016 | 31.12 0.55 0.00 | 28.85 0.48 0.00 | 27.52 0.41 0.00 | 25.70 0.38 0.00 | 28.51 0.45 0.00 | 29.04 0.57 0.00 | 33.80 0.73 0.00 | 36.49 0.65 0.00 | 41.43 0.93 0.00 | 39.77 0.93 0.00 | 38.96 0.88 0.00 | 34.07 0.80 0.00 | 30.55 0.69 0.00 | 30.29 0.68 0.00 | 32.98 0.61 0.00 | 44.66 0.79 0.00 | 61.87 1.15 0.00 | 66.40 1.24 0.00 | 66.99 1.31 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.62 0.79 0.00 | 40.58 0.75 0.00 | 36.69 0.61 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 48.33 3.03 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.62 2.38 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.29 3.84 -1.61 | 55.23 3.89 -10.84 | 61.65 3.69 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.58 3.43 -30.55 | 63.56 3.82 -27.38 | 63.72 4.48 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |

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|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HEMPSTEAD____ 23647 | 48.81 3.51 -14.73 | 50.26 2.95 -18.94 | 46.78 2.63 -17.03 | 46.78 2.76 -18.69 | 45.81 2.58 -15.17 | 47.93 3.16 -16.31 | 42.24 3.74 -5.44 | 41.97 4.52 -1.61 | 55.64 4.29 -10.85 | 62.04 4.08 -19.12 | 87.18 4.72 -44.37 | 85.86 4.29 -48.30 | 83.91 3.79 -50.26 | 80.06 3.76 -46.70 | 81.62 4.11 -45.15 | 82.53 4.91 -33.75 | 100.61 6.68 -33.21 | 104.67 7.23 -32.28 | 101.74 7.29 -28.77 | 98.82 7.00 -28.79 | 91.13 6.09 -30.15 | 88.77 4.78 -40.16 | 77.46 4.46 -33.17 | 77.03 3.86 -37.10 |
| HICKLING___1 23621 | 35.29 0.98 -3.75 | 34.07 0.88 -4.82 | 32.37 0.92 -4.34 | 30.91 0.83 -4.76 | 32.88 0.95 -3.86 | 33.61 1.00 -4.15 | 35.81 1.36 -1.38 | 37.73 1.47 -0.41 | 44.14 0.85 -2.78 | 44.29 0.54 -4.91 | 48.37 0.84 -9.44 | 43.66 0.90 -9.49 | 40.36 0.87 -9.63 | 39.03 0.86 -8.57 | 40.03 0.65 -7.02 | 47.11 -0.70 -3.94 | 61.49 -1.21 -1.99 | 66.76 -0.85 -2.45 | 65.56 -0.79 -0.66 | 64.36 -0.88 -2.21 | 56.22 -0.99 -2.32 | 47.65 -0.70 -4.52 | 44.06 -0.40 -4.63 | 40.62 -0.11 -4.65 |
| HICKLING___2 23622 | 35.29 0.98 -3.75 | 34.07 0.88 -4.82 | 32.37 0.92 -4.34 | 30.91 0.83 -4.76 | 32.88 0.95 -3.86 | 33.61 1.00 -4.15 | 35.81 1.36 -1.38 | 37.73 1.47 -0.41 | 44.14 0.85 -2.78 | 44.29 0.54 -4.91 | 48.37 0.84 -9.44 | 43.66 0.90 -9.49 | 40.36 0.87 -9.63 | 39.03 0.86 -8.57 | 40.03 0.65 -7.02 | 47.11 -0.70 -3.94 | 61.49 -1.21 -1.99 | 66.76 -0.85 -2.45 | 65.56 -0.79 -0.66 | 64.36 -0.88 -2.21 | 56.22 -0.99 -2.32 | 47.65 -0.70 -4.52 | 44.06 -0.40 -4.63 | 40.62 -0.11 -4.65 |
| HIGH FALLS___HY 23754 | 47.55 2.29 -14.69 | 49.34 2.07 -18.90 | 46.04 1.93 -17.00 | 45.82 1.85 -18.65 | 45.14 1.93 -15.14 | 46.90 2.16 -16.27 | 41.01 2.51 -5.42 | 40.64 3.19 -1.61 | 54.92 3.60 -10.82 | 61.14 3.22 -19.08 | 71.77 3.47 -30.21 | 65.93 3.19 -29.47 | 64.40 2.84 -31.70 | 62.87 2.78 -30.48 | 62.73 3.04 -27.32 | 62.76 3.55 -15.34 | 73.23 4.80 -7.72 | 80.01 5.34 -9.50 | 73.55 5.32 -2.55 | 76.73 5.10 -8.59 | 68.35 4.39 -9.07 | 64.94 3.42 -17.69 | 61.08 3.11 -18.14 | 56.87 2.56 -18.23 |
| HILLBURN___GT 23639 | 46.97 2.32 -14.09 | 48.55 2.07 -18.12 | 45.30 1.90 -16.29 | 45.00 1.80 -17.88 | 44.45 1.88 -14.51 | 46.14 2.08 -15.60 | 40.75 2.48 -5.20 | 40.47 3.08 -1.54 | 54.19 3.32 -10.37 | 60.24 3.11 -18.29 | 70.44 3.39 -28.96 | 64.61 3.09 -28.25 | 62.99 2.75 -30.39 | 61.55 2.72 -29.22 | 61.53 2.98 -26.19 | 62.04 3.47 -14.70 | 72.79 4.68 -7.40 | 79.42 5.15 -9.10 | 73.31 5.19 -2.44 | 76.19 4.92 -8.23 | 67.87 4.28 -8.70 | 64.11 3.33 -16.95 | 60.28 3.07 -17.39 | 56.15 2.60 -17.48 |
| HISHELDN_WT_PWR 323625 | 33.24 0.06 -2.61 | 31.75 0.03 -3.36 | 30.35 0.22 -3.02 | 28.79 0.15 -3.31 | 30.95 0.20 -2.69 | 31.53 0.17 -2.89 | 34.40 0.36 -0.96 | 36.24 0.11 -0.29 | 41.30 -1.18 -1.98 | 40.85 -1.48 -3.48 | 47.47 -1.07 -10.45 | 43.60 -0.70 -11.03 | 39.53 -0.48 -10.15 | 36.88 -0.44 -7.71 | 36.47 -0.87 -4.97 | 43.11 -3.55 -2.80 | 56.67 -5.46 -1.42 | 61.63 -5.28 -1.74 | 61.04 -5.12 -0.48 | 59.44 -5.17 -1.58 | 51.95 -4.56 -1.61 | 43.49 -3.51 -3.17 | 40.38 -2.67 -3.22 | 37.00 -2.31 -3.24 |
| HOLTSVILLE_IC_1 23690 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |
| HOLTSVILLE_IC_10 23699 | 50.31 5.01 -14.73 | 51.54 4.23 -18.94 | 47.97 3.82 -17.03 | 47.99 3.98 -18.69 | 46.99 3.76 -15.17 | 49.36 4.58 -16.31 | 43.93 5.42 -5.43 | 43.73 6.27 -1.61 | 57.10 5.75 -10.85 | 63.56 5.59 -19.13 | 84.79 6.13 -40.57 | 85.05 5.52 -46.25 | 82.06 4.90 -47.30 | 75.45 4.88 -40.96 | 77.20 5.34 -39.49 | 80.65 6.54 -30.24 | 104.98 8.93 -35.33 | 109.17 9.71 -34.29 | 106.69 9.79 -31.22 | 99.60 9.33 -27.24 | 93.12 8.12 -30.11 | 90.31 6.35 -40.12 | 71.89 5.86 -26.20 | 86.41 5.38 -44.96 |
| HOLTSVILLE_IC_2 23691 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |
| HOLTSVILLE_IC_3 23692 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |
| HOLTSVILLE_IC_4 23693 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |
| HOLTSVILLE_IC_5 23694 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |
| HOLTSVILLE_IC_6 23695 | 50.31 5.01 -14.73 | 51.54 4.23 -18.94 | 47.97 3.82 -17.03 | 47.99 3.98 -18.69 | 46.99 3.76 -15.17 | 49.36 4.58 -16.31 | 43.93 5.42 -5.43 | 43.73 6.27 -1.61 | 57.10 5.75 -10.85 | 63.56 5.59 -19.13 | 84.79 6.13 -40.57 | 85.05 5.52 -46.25 | 82.06 4.90 -47.30 | 75.45 4.88 -40.96 | 77.20 5.34 -39.49 | 80.65 6.54 -30.24 | 104.98 8.93 -35.33 | 109.17 9.71 -34.29 | 106.69 9.79 -31.22 | 99.60 9.33 -27.24 | 93.12 8.12 -30.11 | 90.31 6.35 -40.12 | 71.89 5.86 -26.20 | 86.41 5.38 -44.96 |
| HOLTSVILLE_IC_7 23696 | 50.31 5.01 -14.73 | 51.54 4.23 -18.94 | 47.97 3.82 -17.03 | 47.99 3.98 -18.69 | 46.99 3.76 -15.17 | 49.36 4.58 -16.31 | 43.93 5.42 -5.43 | 43.73 6.27 -1.61 | 57.10 5.75 -10.85 | 63.56 5.59 -19.13 | 84.79 6.13 -40.57 | 85.05 5.52 -46.25 | 82.06 4.90 -47.30 | 75.45 4.88 -40.96 | 77.20 5.34 -39.49 | 80.65 6.54 -30.24 | 104.98 8.93 -35.33 | 109.17 9.71 -34.29 | 106.69 9.79 -31.22 | 99.60 9.33 -27.24 | 93.12 8.12 -30.11 | 90.31 6.35 -40.12 | 71.89 5.86 -26.20 | 86.41 5.38 -44.96 |
| HOLTSVILLE_IC_8 23697 | 50.31 5.01 -14.73 | 51.54 4.23 -18.94 | 47.97 3.82 -17.03 | 47.99 3.98 -18.69 | 46.99 3.76 -15.17 | 49.36 4.58 -16.31 | 43.93 5.42 -5.43 | 43.73 6.27 -1.61 | 57.10 5.75 -10.85 | 63.56 5.59 -19.13 | 84.79 6.13 -40.57 | 85.05 5.52 -46.25 | 82.06 4.90 -47.30 | 75.45 4.88 -40.96 | 77.20 5.34 -39.49 | 80.65 6.54 -30.24 | 104.98 8.93 -35.33 | 109.17 9.71 -34.29 | 106.69 9.79 -31.22 | 99.60 9.33 -27.24 | 93.12 8.12 -30.11 | 90.31 6.35 -40.12 | 71.89 5.86 -26.20 | 86.41 5.38 -44.96 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HOLTSVILLE_IC_9 23698 | 50.31 5.01 -14.73 | 51.54 4.23 -18.94 | 47.97 3.82 -17.03 | 47.99 3.98 -18.69 | 46.99 3.76 -15.17 | 49.36 4.58 -16.31 | 43.93 5.42 -5.43 | 43.73 6.27 -1.61 | 57.10 5.75 -10.85 | 63.56 5.59 -19.13 | 84.79 6.13 -40.57 | 85.05 5.52 -46.25 | 82.06 4.90 -47.30 | 75.45 4.88 -40.96 | 77.20 5.34 -39.49 | 80.65 6.54 -30.24 | 104.98 8.93 -35.33 | 109.17 9.71 -34.29 | 106.69 9.79 -31.22 | 99.60 9.33 -27.24 | 93.12 8.12 -30.11 | 90.31 6.35 -40.12 | 71.89 5.86 -26.20 | 86.41 5.38 -44.96 |
| HOWARD_WT_PWR 323690 | 34.87 1.22 -3.08 | 33.41 1.08 -3.96 | 31.82 1.14 -3.56 | 30.25 1.01 -3.91 | 32.41 1.18 -3.17 | 33.13 1.25 -3.41 | 35.89 1.69 -1.14 | 38.05 1.86 -0.34 | 43.82 1.01 -2.31 | 43.57 0.66 -4.06 | 48.34 1.03 -9.23 | 43.84 1.10 -9.47 | 40.16 1.07 -9.22 | 38.35 1.04 -7.71 | 38.92 0.74 -5.81 | 46.04 -1.10 -3.26 | 60.37 -2.00 -1.65 | 65.70 -1.50 -2.03 | 64.66 -1.58 -0.56 | 63.23 -1.64 -1.84 | 55.15 -1.65 -1.90 | 46.33 -1.23 -3.73 | 42.83 -0.80 -3.80 | 39.50 -0.40 -3.82 |
| HQ_GEN_CEDARS 23644 | 28.95 -1.62 0.00 | 26.98 -1.39 0.00 | 25.68 -1.44 0.00 | 24.00 -1.32 0.00 | 26.60 -1.46 0.00 | 26.99 -1.48 0.00 | 31.25 -1.82 0.00 | 34.09 -1.76 0.00 | 38.88 -1.62 0.00 | 37.87 -0.97 0.00 | 36.68 -1.41 0.00 | 31.64 -1.63 0.00 | 28.34 -1.52 0.00 | 28.13 -1.48 0.00 | 30.78 -1.59 0.00 | 43.35 -0.52 0.00 | 60.17 -0.55 0.00 | 64.19 -0.98 0.00 | 64.70 -0.98 0.00 | 62.21 -0.82 0.00 | 54.17 -0.72 0.00 | 43.39 -0.44 0.00 | 39.43 -0.40 0.00 | 35.75 -0.33 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 28.95 -1.62 0.00 | 26.98 -1.39 0.00 | 25.68 -1.44 0.00 | 24.00 -1.32 0.00 | 26.60 -1.46 0.00 | 26.99 -1.48 0.00 | 31.25 -1.82 0.00 | 34.09 -1.76 0.00 | 38.88 -1.62 0.00 | 40.16 -0.97 -2.29 | 34.39 -1.41 2.29 | 31.64 -1.63 0.00 | 28.34 -1.52 0.00 | 28.13 -1.48 0.00 | 30.78 -1.59 0.00 | 43.35 -0.52 0.00 | 60.17 -0.55 0.00 | 64.19 -0.98 0.00 | 64.70 -0.98 0.00 | 62.21 -0.82 0.00 | 54.17 -0.72 0.00 | 43.39 -0.44 0.00 | 39.43 -0.40 0.00 | 35.75 -0.33 0.00 |
| HQ_GEN_IMPORT 323601 | 29.68 -0.89 0.00 | 27.60 -0.76 0.00 | 26.33 -0.79 0.00 | 24.61 -0.71 0.00 | 27.28 -0.79 0.00 | 27.67 -0.80 0.00 | 32.11 -0.96 0.00 | 34.84 -1.00 0.00 | 39.57 -0.93 0.00 | 40.36 -0.78 -2.29 | 34.92 -0.87 2.29 | 32.41 -0.87 0.00 | 29.05 -0.80 0.00 | 28.83 -0.77 0.00 | 31.62 -0.74 0.00 | 43.43 -0.44 0.00 | 60.17 -0.55 0.00 | 64.45 -0.72 0.00 | 64.90 -0.79 0.00 | 62.34 -0.69 0.00 | 54.34 -0.55 0.00 | 43.39 -0.44 0.00 | 39.35 -0.48 0.00 | 35.64 -0.43 0.00 |
| HQ_GEN_WHEEL 23651 | 29.68 -0.89 0.00 | 27.60 -0.76 0.00 | 26.33 -0.79 0.00 | 24.61 -0.71 0.00 | 27.28 -0.79 0.00 | 27.67 -0.80 0.00 | 32.11 -0.96 0.00 | 34.84 -1.00 0.00 | 39.57 -0.93 0.00 | 40.36 -0.78 -2.29 | 34.92 -0.87 2.29 | 32.41 -0.87 0.00 | 29.05 -0.80 0.00 | 28.83 -0.77 0.00 | 31.62 -0.74 0.00 | 43.43 -0.44 0.00 | 60.17 -0.55 0.00 | 64.45 -0.72 0.00 | 64.90 -0.79 0.00 | 62.34 -0.69 0.00 | 54.34 -0.55 0.00 | 43.39 -0.44 0.00 | 39.35 -0.48 0.00 | 35.64 -0.43 0.00 |
| HUDSON_AVE_GT_3 23810 | 48.13 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.30 | 41.51 3.01 -5.43 | 41.26 3.80 -1.61 | 55.31 3.97 -10.84 | 61.73 3.77 -19.12 | 72.55 4.19 -30.28 | 66.66 3.86 -29.53 | 65.00 3.37 -31.77 | 63.50 3.34 -30.55 | 63.43 3.69 -27.38 | 63.58 4.34 -15.37 | 74.28 5.83 -7.73 | 81.00 6.32 -9.52 | 74.60 6.37 -2.55 | 77.69 6.05 -8.61 | 69.30 5.32 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.62 3.28 -18.27 |
| HUDSON_AVE_GT_4 23540 | 48.13 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.30 | 41.51 3.01 -5.43 | 41.26 3.80 -1.61 | 55.31 3.97 -10.84 | 61.73 3.77 -19.12 | 72.55 4.19 -30.28 | 66.66 3.86 -29.53 | 65.00 3.37 -31.77 | 63.50 3.34 -30.55 | 63.43 3.69 -27.38 | 63.58 4.34 -15.37 | 74.28 5.83 -7.73 | 81.00 6.32 -9.52 | 74.60 6.37 -2.55 | 77.69 6.05 -8.61 | 69.30 5.32 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.62 3.28 -18.27 |
| HUDSON_AVE_GT_5 23657 | 48.13 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.30 | 41.51 3.01 -5.43 | 41.26 3.80 -1.61 | 55.31 3.97 -10.84 | 61.73 3.77 -19.12 | 72.55 4.19 -30.28 | 66.66 3.86 -29.53 | 65.00 3.37 -31.77 | 63.50 3.34 -30.55 | 63.43 3.69 -27.38 | 63.58 4.34 -15.37 | 74.28 5.83 -7.73 | 81.00 6.32 -9.52 | 74.60 6.37 -2.55 | 77.69 6.05 -8.61 | 69.30 5.32 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.62 3.28 -18.27 |
| HUDSON_AVE_10 24168 | 48.07 2.78 -14.73 | 49.75 2.44 -18.94 | 46.31 2.17 -17.03 | 46.09 2.08 -18.69 | 45.39 2.16 -15.17 | 47.16 2.39 -16.30 | 41.42 2.91 -5.43 | 41.19 3.73 -1.61 | 55.23 3.89 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.22 5.77 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| HUNTER_MOUNT___DRP 323613 | 49.26 2.54 -16.16 | 51.47 2.33 -20.78 | 48.05 2.25 -18.69 | 47.96 2.13 -20.51 | 47.01 2.30 -16.64 | 48.89 2.53 -17.89 | 41.94 2.91 -5.96 | 40.98 3.37 -1.77 | 56.48 4.09 -11.89 | 63.39 3.57 -20.97 | 74.81 3.50 -33.22 | 68.86 3.19 -32.40 | 67.55 2.84 -34.85 | 65.90 2.78 -33.51 | 65.41 3.01 -30.04 | 64.51 3.77 -16.86 | 74.30 5.10 -8.49 | 81.41 5.80 -10.44 | 74.19 5.71 -2.80 | 77.90 5.42 -9.44 | 69.53 4.66 -9.97 | 67.00 3.72 -19.44 | 63.15 3.38 -19.95 | 59.00 2.89 -20.04 |
| HUNTINGTON_RES_REC 323705 | 49.66 4.37 -14.73 | 50.97 3.66 -18.94 | 47.43 3.28 -17.03 | 47.48 3.47 -18.69 | 46.46 3.23 -15.17 | 48.73 3.96 -16.31 | 43.20 4.69 -5.43 | 42.98 5.52 -1.61 | 56.54 5.19 -10.85 | 62.98 5.01 -19.13 | 84.32 5.68 -40.56 | 84.58 5.09 -46.22 | 81.67 4.54 -47.28 | 75.08 4.53 -40.95 | 76.76 4.92 -39.48 | 80.05 5.97 -30.21 | 104.14 8.14 -35.28 | 108.28 8.86 -34.25 | 105.78 8.93 -31.17 | 98.76 8.51 -27.22 | 92.36 7.41 -30.06 | 89.73 5.83 -40.07 | 71.37 5.34 -26.20 | 85.68 4.72 -44.88 |
| HUNTLEY___63 23557 | 32.60 -0.25 -2.28 | 31.10 -0.20 -2.93 | 29.78 0.03 -2.63 | 28.16 -0.05 -2.89 | 30.38 -0.03 -2.35 | 30.90 -0.09 -2.52 | 33.91 0.00 -0.84 | 35.59 -0.50 -0.25 | 40.07 -2.11 -1.68 | 39.47 -2.33 -2.96 | 42.42 -1.79 -6.12 | 38.15 -1.33 -6.21 | 35.03 -1.02 -6.19 | 34.01 -0.95 -5.36 | 35.15 -1.46 -4.24 | 41.73 -4.52 -2.38 | 54.99 -6.92 -1.20 | 59.93 -6.71 -1.47 | 59.51 -6.57 -0.39 | 57.81 -6.56 -1.33 | 50.48 -5.82 -1.41 | 42.10 -4.47 -2.74 | 39.13 -3.50 -2.81 | 35.80 -3.10 -2.83 |
| HUNTLEY___64 23558 | 32.60 -0.25 -2.28 | 31.10 -0.20 -2.93 | 29.78 0.03 -2.63 | 28.16 -0.05 -2.89 | 30.38 -0.03 -2.35 | 30.90 -0.09 -2.52 | 33.91 0.00 -0.84 | 35.59 -0.50 -0.25 | 40.07 -2.11 -1.68 | 39.47 -2.33 -2.96 | 42.42 -1.79 -6.12 | 38.15 -1.33 -6.21 | 35.03 -1.02 -6.19 | 34.01 -0.95 -5.36 | 35.15 -1.46 -4.24 | 41.73 -4.52 -2.38 | 54.99 -6.92 -1.20 | 59.93 -6.71 -1.47 | 59.51 -6.57 -0.39 | 57.81 -6.56 -1.33 | 50.48 -5.82 -1.41 | 42.10 -4.47 -2.74 | 39.13 -3.50 -2.81 | 35.80 -3.10 -2.83 |
| HUNTLEY___65 23559 | 32.60 -0.25 -2.28 | 31.10 -0.20 -2.93 | 29.78 0.03 -2.63 | 28.16 -0.05 -2.89 | 30.38 -0.03 -2.35 | 30.90 -0.09 -2.52 | 33.91 0.00 -0.84 | 35.59 -0.50 -0.25 | 40.07 -2.11 -1.68 | 39.47 -2.33 -2.96 | 42.42 -1.79 -6.12 | 38.15 -1.33 -6.21 | 35.03 -1.02 -6.19 | 34.01 -0.95 -5.36 | 35.15 -1.46 -4.24 | 41.73 -4.52 -2.38 | 54.99 -6.92 -1.20 | 59.93 -6.71 -1.47 | 59.51 -6.57 -0.39 | 57.81 -6.56 -1.33 | 50.48 -5.82 -1.41 | 42.10 -4.47 -2.74 | 39.13 -3.50 -2.81 | 35.80 -3.10 -2.83 |

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| HUNTLEY___66 23560 | 32.60 -0.25 -2.28 | 31.10 -0.20 -2.93 | 29.78 0.03 -2.63 | 28.16 -0.05 -2.89 | 30.38 -0.03 -2.35 | 30.90 -0.09 -2.52 | 33.91 0.00 -0.84 | 35.59 -0.50 -0.25 | 40.07 -2.11 -1.68 | 39.47 -2.33 -2.96 | 42.42 -1.79 -6.12 | 38.15 -1.33 -6.21 | 35.03 -1.02 -6.19 | 34.01 -0.95 -5.36 | 35.15 -1.46 -4.24 | 41.73 -4.52 -2.38 | 54.99 -6.92 -1.20 | 59.93 -6.71 -1.47 | 59.51 -6.57 -0.39 | 57.81 -6.56 -1.33 | 50.48 -5.82 -1.41 | 42.10 -4.47 -2.74 | 39.13 -3.50 -2.81 | 35.80 -3.10 -2.83 |
| HUNTLEY___67 23561 | 32.33 -0.55 -2.32 | 30.86 -0.48 -2.98 | 29.55 -0.24 -2.68 | 27.96 -0.30 -2.94 | 30.14 -0.31 -2.39 | 30.69 -0.34 -2.57 | 33.66 -0.27 -0.85 | 35.38 -0.72 -0.25 | 40.08 -2.23 -1.80 | 39.44 -2.56 -3.16 | 50.20 -2.06 -14.17 | 47.08 -1.56 -15.37 | 41.97 -1.25 -13.36 | 37.47 -1.19 -9.05 | 35.16 -1.72 -4.51 | 41.72 -4.69 -2.54 | 54.91 -7.10 -1.30 | 59.78 -6.97 -1.59 | 59.30 -6.83 -0.46 | 57.60 -6.87 -1.44 | 50.34 -5.98 -1.44 | 42.07 -4.60 -2.84 | 39.14 -3.54 -2.86 | 35.77 -3.17 -2.87 |
| HUNTLEY___68 23562 | 32.33 -0.55 -2.32 | 30.86 -0.48 -2.98 | 29.55 -0.24 -2.68 | 27.96 -0.30 -2.94 | 30.14 -0.31 -2.39 | 30.69 -0.34 -2.57 | 33.66 -0.27 -0.85 | 35.38 -0.72 -0.25 | 40.08 -2.23 -1.80 | 39.44 -2.56 -3.16 | 50.20 -2.06 -14.17 | 47.08 -1.56 -15.37 | 41.97 -1.25 -13.36 | 37.47 -1.19 -9.05 | 35.16 -1.72 -4.51 | 41.72 -4.69 -2.54 | 54.91 -7.10 -1.30 | 59.78 -6.97 -1.59 | 59.30 -6.83 -0.46 | 57.60 -6.87 -1.44 | 50.34 -5.98 -1.44 | 42.07 -4.60 -2.84 | 39.14 -3.54 -2.86 | 35.77 -3.17 -2.87 |
| HYLAND___LFGE 323620 | 34.26 1.16 -2.54 | 32.62 0.99 -3.26 | 31.10 1.06 -2.93 | 29.50 0.96 -3.22 | 31.82 1.15 -2.61 | 32.47 1.20 -2.81 | 35.63 1.62 -0.94 | 37.77 1.65 -0.28 | 43.18 0.81 -1.87 | 42.64 0.50 -3.29 | 44.80 0.80 -5.91 | 39.99 0.83 -5.88 | 36.78 0.83 -6.09 | 35.91 0.74 -5.57 | 37.53 0.45 -4.71 | 43.97 -2.55 -2.65 | 57.92 -4.13 -1.33 | 63.22 -3.58 -1.64 | 62.57 -3.55 -0.44 | 60.99 -3.53 -1.48 | 53.27 -3.19 -1.57 | 44.43 -2.45 -3.05 | 40.97 -1.99 -3.13 | 39.22 0.00 -3.15 |
| INDECK___CORINTH 23802 | 52.43 1.99 -19.88 | 55.70 1.76 -25.57 | 51.84 1.74 -22.99 | 52.12 1.57 -25.23 | 50.48 1.93 -20.48 | 52.39 1.91 -22.01 | 42.79 2.38 -7.34 | 40.46 2.44 -2.17 | 58.30 3.16 -14.64 | 67.72 3.07 -25.81 | 81.82 2.86 -40.88 | 75.56 2.43 -39.86 | 75.19 2.45 -42.89 | 73.24 2.40 -41.24 | 71.85 2.53 -36.96 | 67.91 3.29 -20.75 | 75.53 4.37 -10.44 | 83.10 5.09 -12.85 | 74.19 5.06 -3.45 | 79.25 4.60 -11.62 | 71.22 4.06 -12.27 | 71.09 3.33 -23.93 | 67.44 3.07 -24.54 | 63.26 2.52 -24.66 |
| INDECK___ILION 23567 | 31.42 1.25 0.40 | 28.99 1.14 0.51 | 27.77 1.11 0.46 | 25.86 1.04 0.50 | 28.80 1.15 0.41 | 29.22 1.20 0.44 | 34.35 1.42 0.15 | 37.31 1.51 0.04 | 41.87 1.66 0.29 | 39.89 1.56 0.51 | 38.83 1.56 0.81 | 33.88 1.40 0.79 | 30.26 1.25 0.85 | 30.03 1.24 0.82 | 32.96 1.33 0.74 | 45.04 1.58 0.41 | 62.63 2.12 0.21 | 67.19 2.28 0.26 | 67.85 2.23 0.07 | 64.95 2.14 0.23 | 56.45 1.81 0.24 | 44.80 1.44 0.48 | 40.69 1.35 0.49 | 36.81 1.23 0.49 |
| INDECK___OLEAN 23982 | 34.23 0.95 -2.71 | 32.68 0.82 -3.49 | 31.26 1.00 -3.14 | 29.63 0.86 -3.44 | 31.84 0.98 -2.79 | 32.47 1.00 -3.00 | 35.52 1.45 -1.00 | 37.61 1.47 -0.30 | 42.97 0.36 -2.10 | 42.42 -0.12 -3.69 | 50.64 0.34 -12.22 | 46.80 0.53 -12.99 | 42.25 0.63 -11.77 | 38.98 0.71 -8.67 | 37.98 0.36 -5.26 | 44.11 -2.72 -2.96 | 57.92 -4.31 -1.51 | 62.98 -4.04 -1.85 | 62.33 -3.88 -0.53 | 60.74 -3.97 -1.68 | 52.95 -3.62 -1.68 | 44.52 -2.63 -3.32 | 41.66 -1.51 -3.35 | 38.25 -1.19 -3.37 |
| INDECK___OSWEGO 23783 | 31.10 -0.58 -1.12 | 29.24 -0.57 -1.44 | 27.86 -0.54 -1.29 | 26.23 -0.51 -1.42 | 28.68 -0.53 -1.15 | 29.05 -0.65 -1.24 | 32.72 -0.76 -0.41 | 35.11 -0.86 -0.12 | 40.19 -1.13 -0.82 | 39.13 -1.16 -1.45 | 39.32 -1.07 -2.30 | 34.65 -0.87 -2.24 | 31.52 -0.75 -2.41 | 31.15 -0.77 -2.32 | 33.54 -0.91 -2.08 | 43.46 -1.58 -1.17 | 59.12 -2.18 -0.59 | 63.61 -2.28 -0.72 | 63.57 -2.30 -0.19 | 61.48 -2.21 -0.65 | 53.61 -1.97 -0.69 | 43.60 -1.58 -1.34 | 39.85 -1.35 -1.38 | 36.27 -1.19 -1.39 |
| INDECK___YERKES 23781 | 32.63 -0.21 -2.28 | 31.13 -0.17 -2.93 | 29.83 0.08 -2.63 | 28.19 -0.03 -2.89 | 30.44 0.03 -2.35 | 30.93 -0.06 -2.52 | 33.94 0.03 -0.84 | 35.67 -0.43 -0.25 | 40.11 -2.06 -1.68 | 39.55 -2.25 -2.96 | 42.46 -1.75 -6.12 | 38.19 -1.30 -6.21 | 35.06 -0.98 -6.19 | 34.04 -0.92 -5.36 | 35.18 -1.42 -4.24 | 41.77 -4.48 -2.38 | 55.11 -6.80 -1.20 | 59.99 -6.65 -1.47 | 59.57 -6.50 -0.39 | 57.87 -6.49 -1.33 | 50.53 -5.76 -1.41 | 42.15 -4.43 -2.74 | 39.17 -3.47 -2.81 | 35.83 -3.07 -2.83 |
| INDIAN POINT_GT_1 24139 | 47.55 2.39 -14.60 | 49.28 2.13 -18.78 | 45.93 1.93 -16.89 | 45.68 1.82 -18.53 | 45.04 1.93 -15.04 | 46.74 2.11 -16.17 | 40.97 2.51 -5.39 | 40.56 3.12 -1.60 | 54.65 3.40 -10.75 | 60.98 3.19 -18.95 | 71.57 3.47 -30.02 | 65.75 3.19 -29.28 | 64.16 2.81 -31.50 | 62.68 2.78 -30.29 | 62.55 3.04 -27.15 | 62.66 3.55 -15.24 | 73.18 4.80 -7.67 | 79.88 5.28 -9.44 | 73.53 5.32 -2.53 | 76.61 5.04 -8.54 | 68.30 4.39 -9.01 | 64.82 3.42 -17.57 | 61.00 3.15 -18.03 | 56.86 2.67 -18.11 |
| INDIAN POINT_GT_2 23659 | 47.55 2.39 -14.60 | 49.28 2.13 -18.78 | 45.93 1.93 -16.89 | 45.68 1.82 -18.53 | 45.04 1.93 -15.04 | 46.74 2.11 -16.17 | 40.97 2.51 -5.39 | 40.56 3.12 -1.60 | 54.65 3.40 -10.75 | 60.98 3.19 -18.95 | 71.57 3.47 -30.02 | 65.75 3.19 -29.28 | 64.16 2.81 -31.50 | 62.68 2.78 -30.29 | 62.55 3.04 -27.15 | 62.66 3.55 -15.24 | 73.18 4.80 -7.67 | 79.88 5.28 -9.44 | 73.53 5.32 -2.53 | 76.61 5.04 -8.54 | 68.30 4.39 -9.01 | 64.82 3.42 -17.57 | 61.00 3.15 -18.03 | 56.86 2.67 -18.11 |
| INDIAN POINT_GT_3 24019 | 47.55 2.39 -14.60 | 49.28 2.13 -18.78 | 45.93 1.93 -16.89 | 45.68 1.82 -18.53 | 45.04 1.93 -15.04 | 46.74 2.11 -16.17 | 40.97 2.51 -5.39 | 40.56 3.12 -1.60 | 54.65 3.40 -10.75 | 60.98 3.19 -18.95 | 71.57 3.47 -30.02 | 65.75 3.19 -29.28 | 64.16 2.81 -31.50 | 62.68 2.78 -30.29 | 62.55 3.04 -27.15 | 62.66 3.55 -15.24 | 73.18 4.80 -7.67 | 79.88 5.28 -9.44 | 73.53 5.32 -2.53 | 76.61 5.04 -8.54 | 68.30 4.39 -9.01 | 64.82 3.42 -17.57 | 61.00 3.15 -18.03 | 56.86 2.67 -18.11 |
| INDIAN POINT___2 23530 | 47.24 2.26 -14.42 | 48.92 2.01 -18.54 | 45.63 1.84 -16.67 | 45.34 1.72 -18.30 | 44.74 1.82 -14.85 | 46.45 2.02 -15.96 | 40.80 2.41 -5.32 | 40.43 3.01 -1.58 | 54.35 3.24 -10.61 | 60.59 3.03 -18.71 | 71.08 3.35 -29.64 | 65.24 3.06 -28.91 | 63.64 2.69 -31.10 | 62.20 2.69 -29.90 | 62.08 2.91 -26.80 | 62.29 3.38 -15.04 | 72.90 4.61 -7.57 | 79.50 5.02 -9.32 | 73.24 5.06 -2.50 | 76.25 4.79 -8.43 | 67.96 4.17 -8.90 | 64.47 3.29 -17.35 | 60.61 2.99 -17.80 | 56.48 2.52 -17.88 |
| INDIAN POINT___3 23531 | 47.44 2.26 -14.61 | 49.17 2.01 -18.79 | 45.86 1.84 -16.90 | 45.61 1.75 -18.54 | 44.94 1.82 -15.05 | 46.67 2.02 -16.18 | 40.88 2.41 -5.39 | 40.46 3.01 -1.60 | 54.50 3.24 -10.76 | 60.84 3.03 -18.97 | 71.44 3.31 -30.04 | 65.63 3.06 -29.30 | 64.07 2.69 -31.52 | 62.58 2.67 -30.31 | 62.44 2.91 -27.16 | 62.50 3.38 -15.25 | 73.00 4.61 -7.67 | 79.63 5.02 -9.44 | 73.27 5.06 -2.53 | 76.43 4.85 -8.54 | 68.08 4.17 -9.02 | 64.70 3.29 -17.58 | 60.85 2.99 -18.04 | 56.76 2.56 -18.13 |
| IP CORINTH___1 23988 | 52.62 2.17 -19.88 | 55.87 1.93 -25.57 | 52.00 1.90 -22.99 | 52.28 1.72 -25.23 | 50.65 2.11 -20.48 | 52.56 2.08 -22.01 | 42.99 2.58 -7.34 | 40.67 2.65 -2.17 | 58.50 3.36 -14.64 | 67.91 3.26 -25.81 | 82.04 3.08 -40.88 | 75.76 2.63 -39.86 | 75.37 2.63 -42.89 | 73.42 2.57 -41.24 | 72.04 2.72 -36.96 | 68.13 3.51 -20.75 | 75.84 4.68 -10.44 | 83.42 5.41 -12.85 | 74.58 5.45 -3.45 | 79.63 4.98 -11.62 | 71.50 4.34 -12.27 | 71.31 3.55 -23.93 | 67.67 3.30 -24.54 | 63.48 2.74 -24.66 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IP__TICONDEROGA 23804 | 53.77 4.16 -19.04 | 56.66 3.80 -24.49 | 52.75 3.61 -22.02 | 52.81 3.32 -24.17 | 51.47 3.79 -19.62 | 53.51 3.96 -21.09 | 44.83 4.73 -7.03 | 43.27 5.34 -2.08 | 60.64 6.12 -14.02 | 69.43 5.87 -24.72 | 82.73 5.49 -39.15 | 76.05 4.59 -38.19 | 75.18 4.24 -41.08 | 73.31 4.20 -39.50 | 72.27 4.50 -35.40 | 69.80 6.06 -19.87 | 79.34 8.62 -10.00 | 87.12 9.64 -12.31 | 78.64 9.66 -3.30 | 83.18 9.01 -11.13 | 74.44 7.79 -11.76 | 72.80 6.05 -22.92 | 68.75 5.42 -23.51 | 64.42 4.72 -23.63 |
| ISLIP_RES_REC 323679 | 50.46 5.17 -14.73 | 51.71 4.40 -18.94 | 48.11 3.96 -17.03 | 48.12 4.10 -18.69 | 47.13 3.90 -15.17 | 49.53 4.75 -16.31 | 44.13 5.62 -5.43 | 43.91 6.45 -1.61 | 57.34 5.99 -10.85 | 63.79 5.82 -19.13 | 85.12 6.40 -40.64 | 85.30 5.72 -46.30 | 82.30 5.08 -47.36 | 75.75 5.09 -41.05 | 77.52 5.57 -39.59 | 80.97 6.80 -30.30 | 105.33 9.29 -35.33 | 109.55 10.10 -34.29 | 107.07 10.18 -31.21 | 100.01 9.70 -27.28 | 93.47 8.45 -30.13 | 90.60 6.62 -40.15 | 72.23 6.09 -26.31 | 86.51 5.55 -44.88 |
| JARVIS____ 23743 | 30.48 0.31 0.40 | 28.14 0.28 0.51 | 26.93 0.27 0.46 | 25.07 0.25 0.50 | 27.93 0.28 0.41 | 28.34 0.31 0.44 | 33.29 0.36 0.15 | 36.16 0.36 0.04 | 40.61 0.40 0.29 | 38.68 0.35 0.51 | 37.61 0.34 0.81 | 32.81 0.33 0.79 | 29.30 0.30 0.85 | 29.08 0.30 0.82 | 31.92 0.29 0.74 | 43.72 0.26 0.41 | 60.88 0.37 0.21 | 65.37 0.46 0.26 | 66.08 0.46 0.07 | 63.18 0.38 0.23 | 54.98 0.33 0.24 | 43.62 0.26 0.48 | 39.62 0.28 0.49 | 35.84 0.25 0.49 |
| JENNISON____1 23625 | 37.68 1.96 -5.16 | 36.79 1.79 -6.63 | 34.79 1.71 -5.96 | 33.46 1.60 -6.54 | 35.14 1.77 -5.31 | 36.17 1.99 -5.71 | 37.52 2.55 -1.90 | 39.03 2.62 -0.56 | 47.17 2.88 -3.80 | 48.18 2.64 -6.69 | 51.56 2.67 -10.81 | 46.31 2.46 -10.58 | 43.38 2.21 -11.31 | 42.58 2.19 -10.79 | 44.09 2.14 -9.59 | 51.36 2.11 -5.38 | 66.34 2.91 -2.71 | 71.89 3.39 -3.33 | 70.05 3.48 -0.89 | 69.32 3.28 -3.01 | 60.76 2.69 -3.18 | 52.10 2.06 -6.21 | 48.10 1.91 -6.37 | 44.17 1.70 -6.40 |
| JENNISON____2 23626 | 37.68 1.96 -5.16 | 36.79 1.79 -6.63 | 34.79 1.71 -5.96 | 33.46 1.60 -6.54 | 35.14 1.77 -5.31 | 36.17 1.99 -5.71 | 37.52 2.55 -1.90 | 39.03 2.62 -0.56 | 47.17 2.88 -3.80 | 48.18 2.64 -6.69 | 51.56 2.67 -10.81 | 46.31 2.46 -10.58 | 43.38 2.21 -11.31 | 42.58 2.19 -10.79 | 44.09 2.14 -9.59 | 51.36 2.11 -5.38 | 66.34 2.91 -2.71 | 71.89 3.39 -3.33 | 70.05 3.48 -0.89 | 69.32 3.28 -3.01 | 60.76 2.69 -3.18 | 52.10 2.06 -6.21 | 48.10 1.91 -6.37 | 44.17 1.70 -6.40 |
| JERICHO_RISE_WT_PWR 323719 | 29.80 -0.76 0.00 | 27.80 -0.57 0.00 | 26.44 -0.68 0.00 | 24.71 -0.61 0.00 | 27.39 -0.67 0.00 | 27.84 1.99 0.00 | 32.34 -0.73 0.00 | 35.02 -0.82 0.00 | 39.89 -0.61 0.00 | 38.49 -0.35 0.00 | 37.55 -0.53 0.00 | 32.71 -0.57 0.00 | 29.29 -0.57 0.00 | 29.07 -0.53 0.00 | 31.78 -0.58 0.00 | 43.92 0.04 0.00 | 60.96 0.24 0.00 | 65.17 0.00 0.00 | 65.75 0.07 0.00 | 63.22 0.19 0.00 | 55.05 0.17 0.00 | 44.01 0.18 0.00 | 39.87 0.04 0.00 | 36.07 0.00 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 50.24 4.95 -14.73 | 51.48 4.17 -18.94 | 47.92 3.77 -17.03 | 47.94 3.93 -18.69 | 46.97 3.73 -15.17 | 49.30 4.53 -16.31 | 43.86 5.36 -5.43 | 43.66 6.20 -1.61 | 57.02 5.67 -10.85 | 63.52 5.55 -19.13 | 84.71 6.09 -40.53 | 84.98 5.49 -46.22 | 81.99 4.87 -47.27 | 75.36 4.86 -40.90 | 77.11 5.31 -39.44 | 80.56 6.49 -30.20 | 104.91 8.86 -35.33 | 109.04 9.58 -34.29 | 106.62 9.72 -31.22 | 99.52 9.27 -27.22 | 93.05 8.07 -30.09 | 90.25 6.31 -40.10 | 71.78 5.81 -26.14 | 86.41 5.34 -45.00 |
| KEDC_PORT_JEFF_GT3 24211 | 50.24 4.95 -14.73 | 51.48 4.17 -18.94 | 47.92 3.77 -17.03 | 47.94 3.93 -18.69 | 46.97 3.73 -15.17 | 49.30 4.53 -16.31 | 43.86 5.36 -5.43 | 43.66 6.20 -1.61 | 57.02 5.67 -10.85 | 63.52 5.55 -19.13 | 84.71 6.09 -40.53 | 84.98 5.49 -46.22 | 81.99 4.87 -47.27 | 75.36 4.86 -40.90 | 77.11 5.31 -39.44 | 80.56 6.49 -30.20 | 104.91 8.86 -35.33 | 109.04 9.58 -34.29 | 106.62 9.72 -31.22 | 99.52 9.27 -27.22 | 93.05 8.07 -30.09 | 90.25 6.31 -40.10 | 71.78 5.81 -26.14 | 86.41 5.34 -45.00 |
| KEDC_GLWD_GT4 24219 | 48.60 3.30 -14.73 | 50.15 2.84 -18.94 | 46.70 2.55 -17.03 | 46.60 2.58 -18.69 | 45.76 2.53 -15.17 | 47.74 2.96 -16.31 | 42.05 3.54 -5.44 | 41.72 4.26 -1.61 | 55.60 4.25 -10.85 | 61.89 3.92 -19.12 | 84.84 4.61 -42.15 | 82.58 4.19 -45.12 | 80.76 3.70 -47.20 | 77.54 3.67 -44.26 | 78.81 4.01 -42.43 | 79.41 4.78 -30.76 | 96.94 6.50 -29.72 | 101.35 7.04 -29.14 | 97.93 7.10 -25.15 | 96.18 6.81 -26.34 | 87.22 5.93 -26.40 | 84.62 4.64 -36.15 | 75.13 4.26 -31.04 | 72.86 3.68 -33.11 |
| KEDC_GLWD_GT5 24220 | 48.60 3.30 -14.73 | 50.15 2.84 -18.94 | 46.70 2.55 -17.03 | 46.60 2.58 -18.69 | 45.76 2.53 -15.17 | 47.74 2.96 -16.31 | 42.05 3.54 -5.44 | 41.72 4.26 -1.61 | 55.60 4.25 -10.85 | 61.89 3.92 -19.12 | 84.84 4.61 -42.15 | 82.58 4.19 -45.12 | 80.76 3.70 -47.20 | 77.54 3.67 -44.26 | 78.81 4.01 -42.43 | 79.41 4.78 -30.76 | 96.94 6.50 -29.72 | 101.35 7.04 -29.14 | 97.93 7.10 -25.15 | 96.18 6.81 -26.34 | 87.22 5.93 -26.40 | 84.62 4.64 -36.15 | 75.13 4.26 -31.04 | 72.86 3.68 -33.11 |
| KENSICO____ 23655 | 47.84 2.57 -14.70 | 49.58 2.30 -18.91 | 46.21 2.09 -17.01 | 45.96 1.98 -18.66 | 45.32 2.11 -15.15 | 47.03 2.28 -16.28 | 41.24 2.74 -5.43 | 40.86 3.41 -1.61 | 54.97 3.65 -10.83 | 61.35 3.42 -19.09 | 72.05 3.73 -30.23 | 66.19 3.43 -29.49 | 64.60 3.01 -31.72 | 63.10 2.99 -30.50 | 62.97 3.27 -27.34 | 63.08 3.86 -15.35 | 73.66 5.22 -7.72 | 80.34 5.67 -9.50 | 73.94 5.71 -2.55 | 77.11 5.48 -8.60 | 68.74 4.77 -9.08 | 65.25 3.72 -17.70 | 61.41 3.43 -18.15 | 57.24 2.92 -18.24 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 46.91 2.35 -13.99 | 48.46 2.10 -17.99 | 45.24 1.95 -16.18 | 44.95 1.87 -17.75 | 44.43 1.96 -14.41 | 46.18 2.22 -15.49 | 40.81 2.58 -5.16 | 40.60 3.23 -1.53 | 54.48 3.69 -10.30 | 60.26 3.26 -18.16 | 70.35 3.50 -28.76 | 64.55 3.23 -28.05 | 62.90 2.87 -30.17 | 61.43 2.81 -29.02 | 61.45 3.08 -26.00 | 62.07 3.60 -14.60 | 72.98 4.92 -7.35 | 79.68 5.47 -9.04 | 73.56 5.45 -2.43 | 76.38 5.17 -8.18 | 68.03 4.50 -8.63 | 64.13 3.46 -16.83 | 60.24 3.15 -17.27 | 56.06 2.63 -17.35 |
| KIAC_JFK_GT1 23816 | 48.13 2.84 -14.73 | 49.75 2.44 -18.94 | 46.20 2.06 -17.03 | 45.96 1.95 -18.69 | 45.25 2.02 -15.17 | 47.08 2.30 -16.30 | 41.35 2.84 -5.43 | 41.15 3.69 -1.61 | 55.11 3.77 -10.84 | 61.46 3.50 -19.12 | 72.32 3.96 -30.28 | 66.46 3.66 -29.53 | 64.85 3.23 -31.77 | 63.35 3.20 -30.55 | 63.27 3.53 -27.38 | 63.36 4.12 -15.37 | 74.10 5.65 -7.73 | 80.75 6.06 -9.52 | 74.41 6.17 -2.55 | 77.50 5.86 -8.61 | 69.09 5.11 -9.09 | 65.41 3.86 -17.72 | 61.67 3.66 -18.18 | 57.45 3.10 -18.27 |
| KIAC_JFK_GT2 23817 | 48.13 2.84 -14.73 | 49.75 2.44 -18.94 | 46.20 2.06 -17.03 | 45.96 1.95 -18.69 | 45.25 2.02 -15.17 | 47.08 2.30 -16.30 | 41.35 2.84 -5.43 | 41.15 3.69 -1.61 | 55.11 3.77 -10.84 | 61.46 3.50 -19.12 | 72.32 3.96 -30.28 | 66.46 3.66 -29.53 | 64.85 3.23 -31.77 | 63.35 3.20 -30.55 | 63.27 3.53 -27.38 | 63.36 4.12 -15.37 | 74.10 5.65 -7.73 | 80.75 6.06 -9.52 | 74.41 6.17 -2.55 | 77.50 5.86 -8.61 | 69.09 5.11 -9.09 | 65.41 3.86 -17.72 | 61.67 3.66 -18.18 | 57.45 3.10 -18.27 |
| KINTIGH____ 23543 | 31.03 -1.50 -1.96 | 29.59 -1.30 -2.53 | 28.44 -0.95 -2.27 | 26.88 -0.94 -2.49 | 29.08 -1.01 -2.02 | 29.59 -1.05 -2.18 | 32.44 -1.36 -0.73 | 34.20 -1.87 -0.21 | 38.64 -3.28 -1.42 | 37.86 -3.50 -2.51 | 37.21 -3.08 -2.21 | 32.60 -2.53 -1.86 | 30.35 -2.12 -2.61 | 30.75 -2.10 -3.25 | 33.35 -2.62 -3.60 | 40.58 -5.31 -2.02 | 53.90 -7.83 -1.01 | 58.53 -7.89 -1.25 | 58.26 -7.75 -0.33 | 56.47 -7.69 -1.13 | 49.40 -6.70 -1.21 | 40.92 -5.26 -2.35 | 37.99 -4.26 -2.43 | 34.87 -3.64 -2.44 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LEDERLE____ 23769 | 47.17 2.39 -14.22 | 48.79 2.13 -18.29 | 45.52 1.95 -16.45 | 45.22 1.85 -18.05 | 44.68 1.96 -14.65 | 46.35 2.14 -15.75 | 40.87 2.55 -5.25 | 40.59 3.19 -1.55 | 54.41 3.44 -10.47 | 60.49 3.19 -18.46 | 70.83 3.50 -29.24 | 64.98 3.19 -28.52 | 63.34 2.81 -30.68 | 61.92 2.81 -29.50 | 61.85 3.04 -26.44 | 62.27 3.55 -14.84 | 72.98 4.80 -7.47 | 79.63 5.28 -9.19 | 73.47 5.32 -2.47 | 76.45 5.10 -8.31 | 68.06 4.39 -8.78 | 64.41 3.46 -17.12 | 60.53 3.15 -17.56 | 56.39 2.67 -17.64 |
| LINDEN COGEN____ 23786 | 47.98 2.69 -14.73 | 49.66 2.35 -18.94 | 46.26 2.12 -17.03 | 46.01 2.00 -18.69 | 45.34 2.11 -15.17 | 47.11 2.33 -16.30 | 41.35 2.84 -5.43 | 41.12 3.66 -1.61 | 55.15 3.81 -10.84 | 61.53 3.57 -19.12 | 72.36 4.00 -30.28 | 66.46 3.66 -29.53 | 64.79 3.16 -31.77 | 63.29 3.14 -30.55 | 63.24 3.50 -27.38 | 63.27 4.03 -15.37 | 73.80 5.34 -7.73 | 80.42 5.74 -9.52 | 74.02 5.78 -2.55 | 77.19 5.55 -8.61 | 68.86 4.88 -9.09 | 65.36 3.81 -17.72 | 61.59 3.59 -18.18 | 57.37 3.03 -18.27 |
| LIPA_MISC_IPP 23656 | 50.37 5.08 -14.73 | 51.62 4.31 -18.94 | 48.05 3.91 -17.03 | 48.06 4.05 -18.69 | 47.08 3.84 -15.17 | 49.44 4.67 -16.31 | 44.03 5.52 -5.43 | 43.84 6.38 -1.61 | 57.06 5.71 -10.85 | 63.52 5.55 -19.13 | 84.63 6.06 -40.49 | 84.93 5.46 -46.20 | 81.93 4.84 -47.23 | 75.28 4.83 -40.84 | 77.02 5.28 -39.38 | 80.48 6.45 -30.16 | 104.86 8.80 -35.35 | 109.06 9.58 -34.31 | 106.58 9.66 -31.24 | 99.50 9.27 -27.20 | 92.99 8.01 -30.08 | 90.24 6.31 -40.10 | 71.71 5.81 -26.07 | 86.63 5.48 -45.07 |
| LISF____SOLAR 323691 | 50.52 5.23 -14.73 | 51.76 4.45 -18.94 | 48.19 4.04 -17.03 | 48.19 4.18 -18.69 | 47.22 3.98 -15.17 | 49.59 4.81 -16.31 | 44.20 5.69 -5.43 | 44.02 6.56 -1.61 | 57.22 5.87 -10.85 | 63.68 5.71 -19.13 | 84.80 6.21 -40.51 | 85.07 5.59 -46.21 | 82.06 4.96 -47.24 | 75.41 4.94 -40.86 | 77.17 5.40 -39.40 | 80.67 6.63 -30.17 | 105.11 9.05 -35.34 | 109.31 9.84 -34.30 | 106.84 9.92 -31.24 | 99.69 9.45 -27.21 | 93.21 8.23 -30.09 | 90.38 6.45 -40.10 | 71.89 5.97 -26.09 | 86.79 5.66 -45.05 |
| LITTLE FALLS____HYD 24013 | 32.71 2.54 0.40 | 30.21 2.35 0.51 | 28.96 2.30 0.46 | 26.95 2.13 0.50 | 30.04 2.38 0.41 | 30.48 2.45 0.44 | 35.84 2.91 0.15 | 38.89 3.08 0.04 | 43.65 3.44 0.29 | 41.55 3.22 0.51 | 40.51 3.24 0.81 | 35.34 2.86 0.79 | 31.57 2.57 0.85 | 31.33 2.55 0.82 | 34.35 2.72 0.74 | 46.75 3.29 0.41 | 64.94 4.43 0.21 | 69.73 4.82 0.26 | 70.34 4.73 0.07 | 67.28 4.48 0.23 | 58.49 3.84 0.24 | 46.42 3.07 0.48 | 42.21 2.87 0.49 | 38.18 2.60 0.49 |
| LI_NEWBRDGE____DRP 323616 | 48.90 3.61 -14.73 | 50.29 2.98 -18.94 | 46.81 2.66 -17.03 | 46.87 2.86 -18.69 | 45.87 2.64 -15.17 | 48.02 3.24 -16.31 | 42.37 3.87 -5.43 | 42.08 4.63 -1.61 | 55.64 4.29 -10.85 | 62.05 4.08 -19.13 | 82.57 4.80 -39.69 | 83.26 4.36 -45.63 | 80.23 3.85 -46.52 | 73.15 3.85 -39.70 | 74.77 4.18 -38.23 | 78.22 5.00 -29.35 | 102.92 6.74 -35.46 | 106.89 7.30 -34.43 | 104.44 7.35 -31.40 | 96.85 7.06 -26.76 | 90.90 6.20 -29.81 | 88.50 4.86 -39.81 | 69.06 4.50 -24.74 | 86.13 3.93 -46.12 |
| LONG_LAKE_PHOENIX 24014 | 31.33 -0.40 -1.16 | 29.43 -0.42 -1.49 | 28.08 -0.38 -1.34 | 26.44 -0.35 -1.47 | 28.86 -0.39 -1.19 | 29.27 -0.48 -1.28 | 32.94 -0.56 -0.43 | 35.40 -0.57 -0.13 | 40.50 -0.85 -0.85 | 39.46 -0.89 -1.51 | 39.67 -0.80 -2.38 | 35.00 -0.60 -2.33 | 31.82 -0.54 -2.50 | 31.45 -0.56 -2.41 | 33.81 -0.71 -2.16 | 43.77 -1.31 -1.21 | 59.51 -1.82 -0.61 | 64.09 -1.82 -0.75 | 64.04 -1.84 -0.20 | 61.95 -1.76 -0.68 | 53.96 -1.65 -0.72 | 43.91 -1.31 -1.40 | 40.10 -1.16 -1.43 | 36.54 -0.97 -1.44 |
| LOVETT____3 23632 | 47.14 2.29 -14.28 | 48.78 2.04 -18.37 | 45.48 1.84 -16.52 | 45.19 1.75 -18.13 | 44.63 1.85 -14.71 | 46.30 2.02 -15.81 | 40.75 2.41 -5.27 | 40.45 3.05 -1.56 | 54.26 3.24 -10.51 | 60.41 3.03 -18.54 | 70.80 3.35 -29.36 | 64.97 3.06 -28.64 | 63.35 2.69 -30.81 | 61.92 2.69 -29.62 | 61.83 2.91 -26.55 | 62.15 3.38 -14.90 | 72.83 4.61 -7.50 | 79.41 5.02 -9.23 | 73.22 5.06 -2.48 | 76.23 4.85 -8.35 | 67.87 4.17 -8.82 | 64.31 3.29 -17.19 | 60.44 2.99 -17.63 | 56.35 2.56 -17.72 |
| LOVETT____4 23642 | 47.14 2.29 -14.28 | 48.78 2.04 -18.37 | 45.48 1.84 -16.52 | 45.19 1.75 -18.13 | 44.63 1.85 -14.71 | 46.30 2.02 -15.81 | 40.75 2.41 -5.27 | 40.45 3.05 -1.56 | 54.26 3.24 -10.51 | 60.41 3.03 -18.54 | 70.80 3.35 -29.36 | 64.97 3.06 -28.64 | 63.35 2.69 -30.81 | 61.92 2.69 -29.62 | 61.83 2.91 -26.55 | 62.15 3.38 -14.90 | 72.83 4.61 -7.50 | 79.41 5.02 -9.23 | 73.22 5.06 -2.48 | 76.23 4.85 -8.35 | 67.87 4.17 -8.82 | 64.31 3.29 -17.19 | 60.44 2.99 -17.63 | 56.35 2.56 -17.72 |
| LOVETT____5 23593 | 47.14 2.29 -14.28 | 48.78 2.04 -18.37 | 45.48 1.84 -16.52 | 45.19 1.75 -18.13 | 44.63 1.85 -14.71 | 46.30 2.02 -15.81 | 40.75 2.41 -5.27 | 40.45 3.05 -1.56 | 54.26 3.24 -10.51 | 60.41 3.03 -18.54 | 70.80 3.35 -29.36 | 64.97 3.06 -28.64 | 63.35 2.69 -30.81 | 61.92 2.69 -29.62 | 61.83 2.91 -26.55 | 62.15 3.38 -14.90 | 72.83 4.61 -7.50 | 79.41 5.02 -9.23 | 73.22 5.06 -2.48 | 76.23 4.85 -8.35 | 67.87 4.17 -8.82 | 64.31 3.29 -17.19 | 60.44 2.99 -17.63 | 56.35 2.56 -17.72 |
| LOWER RAQUET____HYD 24057 | 29.13 -1.44 0.00 | 27.18 -1.19 0.00 | 25.84 -1.27 0.00 | 24.16 -1.16 0.00 | 26.77 -1.29 0.00 | 27.16 -1.31 0.00 | 31.25 -1.82 0.00 | 33.70 -2.15 0.00 | 38.60 -1.90 0.00 | 37.56 -1.28 0.00 | 36.64 -1.45 0.00 | 31.68 -1.60 0.00 | 28.37 -1.49 0.00 | 28.15 -1.45 0.00 | 30.75 -1.62 0.00 | 43.17 -0.70 0.00 | 59.99 -0.73 0.00 | 63.67 -1.50 0.00 | 64.17 -1.51 0.00 | 61.64 -1.39 0.00 | 53.68 -1.21 0.00 | 43.26 -0.57 0.00 | 39.55 -0.28 0.00 | 35.89 -0.18 0.00 |
| LOWER____HUDSON 24059 | 52.52 2.32 -19.63 | 55.75 2.13 -25.25 | 51.88 2.06 -22.71 | 52.14 1.90 -24.92 | 50.45 2.16 -20.23 | 52.43 2.22 -21.74 | 42.99 2.68 -7.25 | 40.75 2.76 -2.15 | 58.15 3.20 -14.45 | 67.40 3.07 -25.49 | 81.35 2.89 -40.37 | 75.14 2.50 -39.37 | 74.54 2.33 -42.35 | 72.64 2.31 -40.73 | 71.32 2.46 -36.50 | 67.52 3.16 -20.49 | 75.40 4.37 -10.31 | 82.75 4.89 -12.69 | 74.01 4.93 -3.41 | 79.11 4.60 -11.48 | 71.01 4.00 -12.12 | 70.70 3.24 -23.63 | 67.09 3.03 -24.24 | 63.10 2.67 -24.36 |
| LWR____OSWEGATCHIE_HYD 23850 | 29.80 -0.76 0.00 | 27.69 -0.68 0.00 | 26.38 -0.73 0.00 | 24.66 -0.66 0.00 | 27.33 -0.73 0.00 | 27.78 -0.68 0.00 | 32.11 -0.96 0.00 | 34.63 -1.22 0.00 | 39.53 -0.97 0.00 | 38.26 -0.58 0.00 | 37.40 -0.68 0.00 | 32.54 -0.73 0.00 | 29.14 -0.72 0.00 | 28.92 -0.68 0.00 | 31.52 -0.84 0.00 | 43.43 -0.44 0.00 | 60.30 -0.42 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.12 -0.77 0.00 | 43.53 -0.30 0.00 | 39.71 -0.12 0.00 | 35.97 -0.11 0.00 |
| LYONS_FALL_HYD 23570 | 31.12 0.55 0.00 | 28.85 0.48 0.00 | 27.52 0.41 0.00 | 25.70 0.38 0.00 | 28.51 0.45 0.00 | 29.04 0.57 0.00 | 33.80 0.73 0.00 | 36.49 0.65 0.00 | 41.43 0.93 0.00 | 39.77 0.93 0.00 | 38.96 0.88 0.00 | 34.07 0.80 0.00 | 30.55 0.69 0.00 | 30.29 0.68 0.00 | 32.98 0.61 0.00 | 44.66 0.79 0.00 | 61.87 1.15 0.00 | 66.40 1.24 0.00 | 66.99 1.31 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.62 0.79 0.00 | 40.58 0.75 0.00 | 36.69 0.61 0.00 |
| MADISON____COUNTY_LFGE 323628 | 32.10 0.89 -0.65 | 29.97 0.77 -0.83 | 28.59 0.73 -0.75 | 26.80 0.66 -0.82 | 29.49 0.76 -0.67 | 30.04 0.85 -0.72 | 34.40 1.09 -0.24 | 37.03 1.11 -0.07 | 42.23 1.26 -0.48 | 40.85 1.16 -0.84 | 40.60 1.18 -1.33 | 35.67 1.10 -1.30 | 32.24 0.98 -1.40 | 31.89 0.95 -1.34 | 34.47 0.90 -1.20 | 45.47 0.92 -0.67 | 62.33 1.28 -0.34 | 67.15 1.56 -0.42 | 67.37 1.57 -0.11 | 64.86 1.45 -0.38 | 56.44 1.15 -0.40 | 45.48 0.88 -0.78 | 41.46 0.84 -0.80 | 37.60 0.72 -0.80 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| MAPLE_RIDGE_WT_1 323574 | 29.51 -0.18 0.87 | 27.08 -0.17 1.12 | 25.92 -0.19 1.01 | 24.01 -0.20 1.10 | 26.97 -0.20 0.90 | 27.33 -0.17 0.96 | 32.55 -0.20 0.32 | 35.54 -0.21 0.10 | 39.66 -0.20 0.64 | 37.56 -0.15 1.13 | 36.11 -0.19 1.79 | 31.36 -0.17 1.75 | 27.83 -0.15 1.88 | 27.65 -0.15 1.81 | 30.59 -0.16 1.62 | 42.83 -0.13 0.91 | 60.14 -0.12 0.46 | 64.41 -0.19 0.56 | 65.33 -0.20 0.15 | 62.33 -0.19 0.51 | 54.19 -0.16 0.54 | 42.65 -0.13 1.05 | 38.63 -0.12 1.07 | 34.89 -0.11 1.08 |
| MAPLE_RIDGE_WT_2 323611 | 29.51 -0.18 0.87 | 27.08 -0.17 1.12 | 25.92 -0.19 1.01 | 24.01 -0.20 1.10 | 26.97 -0.20 0.90 | 27.33 -0.17 0.96 | 32.55 -0.20 0.32 | 35.54 -0.21 0.10 | 39.66 -0.20 0.64 | 37.56 -0.15 1.13 | 36.11 -0.19 1.79 | 31.36 -0.17 1.75 | 27.83 -0.15 1.88 | 27.65 -0.15 1.81 | 30.59 -0.16 1.62 | 42.83 -0.13 0.91 | 60.14 -0.12 0.46 | 64.41 -0.19 0.56 | 65.33 -0.20 0.15 | 62.33 -0.19 0.51 | 54.19 -0.16 0.54 | 42.65 -0.13 1.05 | 38.63 -0.12 1.07 | 34.89 -0.11 1.08 |
| MARBLE_RIVER_WT_PWR 323696 | 29.96 -0.61 0.00 | 27.91 -0.45 0.00 | 26.57 -0.54 0.00 | 24.82 -0.51 0.00 | 27.50 -0.56 0.00 | 27.96 -0.51 0.00 | 32.48 -0.59 0.00 | 35.17 -0.68 0.00 | 40.02 -0.48 0.00 | 38.61 -0.23 0.00 | 37.70 -0.38 0.00 | 32.84 -0.43 0.00 | 29.41 -0.45 0.00 | 29.19 -0.41 0.00 | 31.88 -0.48 0.00 | 44.00 0.13 0.00 | 61.08 0.37 0.00 | 65.30 0.13 0.00 | 65.94 0.26 0.00 | 63.35 0.32 0.00 | 55.17 0.28 0.00 | 44.09 0.26 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |
| MARSH_HILL_WT_PWR 323713 | 34.79 1.19 -3.03 | 33.32 1.05 -3.90 | 31.73 1.11 -3.51 | 30.16 0.99 -3.85 | 32.34 1.15 -3.12 | 33.05 1.22 -3.36 | 35.84 1.65 -1.12 | 38.01 1.83 -0.33 | 43.75 0.97 -2.28 | 43.47 0.62 -4.01 | 48.36 0.95 -9.32 | 43.93 1.06 -9.59 | 40.19 1.04 -9.29 | 38.31 1.01 -7.70 | 38.80 0.71 -5.73 | 45.95 -1.14 -3.22 | 60.34 -2.00 -1.63 | 65.60 -1.56 -2.00 | 64.65 -1.58 -0.55 | 63.14 -1.70 -1.81 | 55.12 -1.65 -1.87 | 46.28 -1.23 -3.67 | 42.77 -0.80 -3.74 | 39.41 -0.43 -3.76 |
| MG_INDUSTRY___DRP 24185 | 51.24 1.86 -18.81 | 54.29 1.73 -24.19 | 50.55 1.68 -21.75 | 50.77 1.57 -23.87 | 49.18 1.74 -19.38 | 51.12 1.82 -20.83 | 42.16 2.15 -6.94 | 39.98 2.08 -2.06 | 56.70 2.35 -13.85 | 65.43 2.17 -24.42 | 78.85 2.09 -38.67 | 72.85 1.86 -37.72 | 72.11 1.67 -40.58 | 70.28 1.66 -39.02 | 69.11 1.78 -34.97 | 65.74 2.24 -19.63 | 73.57 2.97 -9.88 | 80.58 3.26 -12.16 | 72.29 3.35 -3.26 | 77.18 3.15 -11.00 | 69.24 2.74 -11.61 | 68.79 2.32 -22.64 | 65.28 2.23 -23.22 | 61.43 2.02 -23.34 |
| MID___OSWEGATCHIE_HYD 23849 | 29.80 -0.76 0.00 | 27.69 -0.68 0.00 | 26.38 -0.73 0.00 | 24.66 -0.66 0.00 | 27.33 -0.73 0.00 | 27.78 -0.68 0.00 | 32.11 -0.96 0.00 | 34.63 -1.22 0.00 | 39.53 -0.97 0.00 | 38.26 -0.58 0.00 | 37.40 -0.68 0.00 | 32.54 -0.73 0.00 | 29.14 -0.72 0.00 | 28.92 -0.68 0.00 | 31.52 -0.84 0.00 | 43.43 -0.44 0.00 | 60.30 -0.42 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.12 -0.77 0.00 | 43.53 -0.30 0.00 | 39.71 -0.12 0.00 | 35.97 -0.11 0.00 |
| MID___RAQUETTE_HYD 23851 | 29.13 -1.44 0.00 | 27.18 -1.19 0.00 | 25.84 -1.27 0.00 | 24.16 -1.16 0.00 | 26.77 -1.29 0.00 | 27.16 -1.31 0.00 | 31.25 -1.82 0.00 | 33.70 -2.15 0.00 | 38.60 -1.90 0.00 | 37.56 -1.28 0.00 | 36.64 -1.45 0.00 | 31.68 -1.60 0.00 | 28.37 -1.49 0.00 | 28.15 -1.45 0.00 | 30.75 -1.62 0.00 | 43.17 -0.70 0.00 | 59.99 -0.73 0.00 | 63.67 -1.50 0.00 | 64.17 -1.51 0.00 | 61.64 -1.39 0.00 | 53.68 -1.21 0.00 | 43.26 -0.57 0.00 | 39.55 -0.28 0.00 | 35.89 -0.18 0.00 |
| MILLIKEN___1 23584 | 33.89 0.37 -2.96 | 32.62 0.45 -3.80 | 30.97 0.43 -3.42 | 29.48 0.40 -3.75 | 31.58 0.48 -3.05 | 32.25 0.51 -3.27 | 34.72 0.56 -1.09 | 36.60 0.43 -0.32 | 42.60 -0.08 -2.18 | 42.53 -0.15 -3.84 | 44.26 -0.08 -6.25 | 39.46 0.07 -6.12 | 36.66 0.27 -6.53 | 36.05 0.24 -6.21 | 37.73 -0.13 -5.50 | 46.17 -0.79 -3.09 | 61.18 -1.09 -1.55 | 66.16 -0.91 -1.91 | 65.27 -0.92 -0.51 | 63.88 -0.88 -1.73 | 55.73 -0.99 -1.82 | 46.55 -0.83 -3.56 | 42.76 -0.72 -3.65 | 39.20 -0.54 -3.67 |
| MILLIKEN___2 23585 | 33.89 0.37 -2.96 | 32.62 0.45 -3.80 | 30.97 0.43 -3.42 | 29.48 0.40 -3.75 | 31.58 0.48 -3.05 | 32.25 0.51 -3.27 | 34.72 0.56 -1.09 | 36.60 0.43 -0.32 | 42.60 -0.08 -2.18 | 42.53 -0.15 -3.84 | 44.26 -0.08 -6.25 | 39.46 0.07 -6.12 | 36.66 0.27 -6.53 | 36.05 0.24 -6.21 | 37.73 -0.13 -5.50 | 46.17 -0.79 -3.09 | 61.18 -1.09 -1.55 | 66.16 -0.91 -1.91 | 65.27 -0.92 -0.51 | 63.88 -0.88 -1.73 | 55.73 -0.99 -1.82 | 46.55 -0.83 -3.56 | 42.76 -0.72 -3.65 | 39.20 -0.54 -3.67 |
| MILLIKEN___DIESEL 23629 | 33.89 0.37 -2.96 | 32.62 0.45 -3.80 | 30.97 0.43 -3.42 | 29.48 0.40 -3.75 | 31.58 0.48 -3.05 | 32.25 0.51 -3.27 | 34.72 0.56 -1.09 | 36.60 0.43 -0.32 | 42.60 -0.08 -2.18 | 42.53 -0.15 -3.84 | 44.26 -0.08 -6.25 | 39.46 0.07 -6.12 | 36.66 0.27 -6.53 | 36.05 0.24 -6.21 | 37.73 -0.13 -5.50 | 46.17 -0.79 -3.09 | 61.18 -1.09 -1.55 | 66.16 -0.91 -1.91 | 65.27 -0.92 -0.51 | 63.88 -0.88 -1.73 | 55.73 -0.99 -1.82 | 46.55 -0.83 -3.56 | 42.76 -0.72 -3.65 | 39.20 -0.54 -3.67 |
| MILLSEAT___LFGE 323607 | 32.23 -0.52 -2.18 | 30.72 -0.45 -2.80 | 29.42 -0.22 -2.52 | 27.81 -0.28 -2.77 | 30.05 -0.25 -2.25 | 30.60 -0.28 -2.41 | 33.64 -0.23 -0.80 | 34.97 -1.11 -0.24 | 39.31 -2.76 -1.57 | 38.62 -2.99 -2.77 | 39.02 -2.47 -3.41 | 34.47 -1.96 -3.16 | 32.02 -1.58 -3.74 | 32.07 -1.54 -4.01 | 34.24 -2.10 -3.97 | 40.79 -5.31 -2.23 | 53.88 -7.95 -1.11 | 58.79 -7.76 -1.38 | 59.67 -6.37 -0.36 | 57.91 -6.36 -1.24 | 50.52 -5.71 -1.34 | 41.96 -4.47 -2.60 | 38.93 -3.58 -2.69 | 35.89 -2.89 -2.70 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 47.70 2.47 -14.66 | 49.44 2.21 -18.86 | 46.08 2.01 -16.96 | 45.83 1.90 -18.61 | 45.19 2.02 -15.10 | 46.89 2.19 -16.23 | 41.09 2.61 -5.41 | 40.68 3.23 -1.60 | 54.78 3.48 -10.79 | 61.14 3.26 -19.03 | 71.81 3.58 -30.14 | 65.93 3.26 -29.40 | 64.38 2.90 -31.63 | 62.89 2.87 -30.41 | 62.76 3.14 -27.26 | 62.86 3.69 -15.30 | 73.40 4.98 -7.70 | 80.12 5.47 -9.48 | 73.67 5.45 -2.54 | 76.83 5.23 -8.57 | 68.49 4.55 -9.05 | 65.02 3.55 -17.64 | 61.19 3.27 -18.10 | 57.04 2.78 -18.19 |
| MODEL_CITY_ENERGY 24167 | 31.77 -1.01 -2.21 | 30.33 -0.88 -2.85 | 29.08 -0.60 -2.56 | 27.50 -0.63 -2.81 | 29.70 -0.64 -2.28 | 30.23 -0.68 -2.45 | 33.13 -0.76 -0.82 | 34.37 -1.72 -0.24 | 38.63 -3.44 -1.58 | 38.01 -3.61 -2.78 | 37.33 -3.08 -2.33 | 32.70 -2.50 -1.92 | 30.62 -2.03 -2.79 | 31.17 -1.98 -3.55 | 33.77 -2.59 -3.99 | 40.19 -5.92 -2.24 | 53.03 -8.80 -1.12 | 57.75 -8.80 -1.38 | 57.43 -8.60 -0.35 | 55.71 -8.57 -1.25 | 48.73 -7.52 -1.36 | 40.64 -5.83 -2.64 | 37.82 -4.74 -2.73 | 34.64 -4.18 -2.75 |
| MODERN_LFGE___ 323580 | 31.77 -1.01 -2.21 | 30.33 -0.88 -2.85 | 29.08 -0.60 -2.56 | 27.50 -0.63 -2.81 | 29.70 -0.64 -2.28 | 30.23 -0.68 -2.45 | 33.13 -0.76 -0.82 | 34.37 -1.72 -0.24 | 38.63 -3.44 -1.58 | 38.01 -3.61 -2.78 | 37.33 -3.08 -2.33 | 32.70 -2.50 -1.92 | 30.62 -2.03 -2.79 | 31.17 -1.98 -3.55 | 33.77 -2.59 -3.99 | 40.19 -5.92 -2.24 | 53.03 -8.80 -1.12 | 57.75 -8.80 -1.38 | 57.43 -8.60 -0.35 | 55.71 -8.57 -1.25 | 48.73 -7.52 -1.36 | 40.64 -5.83 -2.64 | 37.82 -4.74 -2.73 | 34.64 -4.18 -2.75 |
| MOHAWK_PAPER___DRP 24187 | 52.27 2.35 -19.35 | 55.39 2.13 -24.89 | 51.58 2.09 -22.38 | 51.81 1.92 -24.56 | 50.21 2.22 -19.94 | 52.14 2.25 -21.43 | 42.92 2.71 -7.14 | 40.65 2.69 -2.12 | 57.95 3.20 -14.25 | 67.03 3.07 -25.12 | 80.81 2.93 -39.79 | 74.61 2.53 -38.81 | 73.94 2.33 -41.75 | 72.06 2.31 -40.14 | 70.80 2.46 -35.98 | 67.23 3.16 -20.20 | 75.19 4.31 -10.17 | 82.50 4.82 -12.51 | 73.97 4.93 -3.36 | 78.89 4.54 -11.31 | 70.79 3.95 -11.95 | 70.37 3.24 -23.29 | 66.78 3.07 -23.89 | 62.75 2.67 -24.01 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| MONGAUP___HYD 23641 | 46.39 2.29 -13.53 | 48.01 2.24 -17.41 | 44.91 2.14 -15.65 | 44.52 2.03 -17.18 | 44.13 2.13 -13.94 | 45.87 2.42 -14.98 | 40.84 2.78 -4.99 | 40.88 3.55 -1.48 | 54.64 4.17 -9.96 | 60.02 3.61 -17.57 | 69.64 3.73 -27.82 | 63.90 3.49 -27.14 | 62.13 3.08 -29.19 | 60.70 3.02 -28.07 | 60.79 3.27 -25.16 | 61.90 3.90 -14.12 | 72.74 4.92 -7.11 | 79.13 5.22 -8.75 | 73.15 5.13 -2.35 | 75.80 4.85 -7.91 | 67.47 4.23 -8.35 | 63.58 3.46 -16.29 | 59.88 3.35 -16.71 | 55.64 2.78 -16.79 |
| MONTAUK___DIESEL 23721 | 53.06 7.77 -14.73 | 54.12 6.81 -18.94 | 50.41 6.27 -17.03 | 50.34 6.33 -18.69 | 49.44 6.20 -15.17 | 52.15 7.37 -16.31 | 47.17 8.66 -5.43 | 47.17 9.71 -1.61 | 60.91 9.56 -10.85 | 67.41 9.44 -19.13 | 88.60 10.01 -40.50 | 88.40 8.92 -46.20 | 85.04 7.94 -47.24 | 78.31 7.85 -40.86 | 80.50 8.74 -39.39 | 84.96 10.93 -30.17 | 111.42 15.36 -35.34 | 116.22 16.75 -34.30 | 113.80 16.88 -31.24 | 106.31 16.07 -27.20 | 98.70 13.72 -30.09 | 94.62 10.69 -40.10 | 75.39 9.48 -26.09 | 89.86 8.73 -45.06 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 48.07 2.78 -14.73 | 49.77 2.47 -18.94 | 46.40 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.15 3.69 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.44 4.08 -30.28 | 66.53 3.73 -29.53 | 64.91 3.28 -31.77 | 63.41 3.26 -30.55 | 63.34 3.59 -27.38 | 63.45 4.21 -15.37 | 74.16 5.71 -7.74 | 80.81 6.12 -9.52 | 74.41 6.17 -2.55 | 77.56 5.92 -8.61 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| MUNSVILLE_WIND_PWR 323609 | 37.99 2.84 -4.58 | 36.86 2.61 -5.89 | 34.85 2.44 -5.29 | 33.38 2.25 -5.81 | 35.33 2.55 -4.71 | 36.47 2.93 -5.07 | 38.49 3.74 -1.69 | 40.11 3.76 -0.50 | 48.16 4.29 -3.37 | 48.79 4.00 -5.94 | 51.63 3.92 -9.62 | 46.25 3.56 -9.42 | 43.11 3.20 -10.06 | 42.39 3.20 -9.59 | 43.98 3.11 -8.51 | 52.03 3.38 -4.78 | 67.86 4.74 -2.40 | 73.53 5.41 -2.96 | 71.99 5.52 -0.79 | 70.88 5.17 -2.68 | 61.94 4.23 -2.82 | 52.63 3.29 -5.51 | 48.42 2.95 -5.65 | 44.38 2.63 -5.68 |
| N SALMON___HYD 24042 | 29.98 -0.58 0.00 | 28.00 -0.37 0.00 | 26.60 -0.52 0.00 | 24.89 -0.43 0.00 | 27.58 -0.48 0.00 | 28.04 -0.43 0.00 | 32.54 -0.53 0.00 | 35.17 -0.68 0.00 | 40.13 -0.37 0.00 | 38.84 0.00 0.00 | 37.90 -0.19 0.00 | 33.00 -0.27 0.00 | 29.53 -0.33 0.00 | 29.34 -0.27 0.00 | 31.94 -0.42 0.00 | 44.31 0.44 0.00 | 61.57 0.85 0.00 | 65.75 0.59 0.00 | 66.34 0.66 0.00 | 63.85 0.82 0.00 | 55.49 0.60 0.00 | 44.44 0.61 0.00 | 40.34 0.52 0.00 | 36.51 0.43 0.00 |
| N.E._GEN_SANDY PD 24062 | 51.21 2.51 -18.14 | 53.11 2.30 -22.45 | 49.47 2.17 -20.19 | 49.50 2.03 -22.15 | 48.26 2.22 -17.98 | 54.19 2.36 -23.36 | 64.03 2.81 -28.15 | 65.00 3.16 -26.00 | 72.00 3.48 -28.02 | 67.06 3.26 -24.95 | 74.92 3.24 -33.60 | 71.10 2.83 -35.00 | 70.05 2.54 -37.65 | 68.36 2.55 -36.21 | 67.57 2.75 -32.45 | 65.55 3.47 -18.22 | 74.68 4.80 -9.17 | 86.17 5.28 -15.73 | 83.49 5.32 -12.49 | 78.28 5.04 -10.20 | 70.00 4.34 -10.77 | 68.30 3.46 -21.01 | 64.52 3.15 -21.55 | 60.51 2.78 -21.66 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 47.14 2.32 -14.26 | 48.77 2.07 -18.33 | 45.50 1.90 -16.49 | 45.19 1.77 -18.09 | 44.63 1.88 -14.69 | 46.33 2.08 -15.78 | 40.81 2.48 -5.26 | 40.49 3.08 -1.56 | 54.32 3.32 -10.50 | 60.46 3.11 -18.51 | 70.78 3.39 -29.31 | 64.95 3.09 -28.59 | 63.36 2.75 -30.75 | 61.90 2.72 -29.57 | 61.84 2.98 -26.50 | 62.21 3.47 -14.88 | 72.88 4.68 -7.49 | 79.53 5.15 -9.21 | 73.34 5.19 -2.47 | 76.28 4.92 -8.33 | 67.97 4.28 -8.80 | 64.32 3.33 -17.16 | 60.49 3.07 -17.60 | 56.36 2.60 -17.69 |
| NARROWS_GT1_1 24228 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_2 24229 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_3 24230 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_4 24231 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_5 24232 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_6 24233 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_7 24234 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT1_8 24235 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_1 24236 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_2 24237 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_3 24238 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_4 24239 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_5 24240 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_6 24241 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_7 24242 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NARROWS_GT2_8 24243 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 49.26 2.54 -16.16 | 51.47 2.33 -20.78 | 48.05 2.25 -18.69 | 47.96 2.13 -20.51 | 47.01 2.30 -16.64 | 48.89 2.53 -17.89 | 41.94 2.91 -5.96 | 40.98 3.37 -1.77 | 56.48 4.09 -11.89 | 63.39 3.57 -20.97 | 74.81 3.50 -33.22 | 68.86 3.19 -32.40 | 67.55 2.84 -34.85 | 65.90 2.78 -33.51 | 65.41 3.01 -30.04 | 64.51 3.77 -16.86 | 74.30 5.10 -8.49 | 81.41 5.80 -10.44 | 74.19 5.71 -2.80 | 77.90 5.42 -9.44 | 69.53 4.66 -9.97 | 67.00 3.72 -19.44 | 63.15 3.38 -19.95 | 59.00 2.89 -20.04 |
| NEG CAPITAL___MECHNVIL 23645 | 53.12 2.60 -19.96 | 56.36 2.33 -25.67 | 52.47 2.28 -23.08 | 52.75 2.10 -25.33 | 51.09 2.47 -20.56 | 53.01 2.45 -22.10 | 43.41 2.98 -7.36 | 41.15 3.12 -2.18 | 59.00 3.81 -14.69 | 68.44 3.69 -25.91 | 82.62 3.50 -41.03 | 76.32 3.03 -40.02 | 75.78 2.87 -43.05 | 73.82 2.81 -41.40 | 72.44 2.98 -37.10 | 68.51 3.81 -20.83 | 76.48 5.28 -10.48 | 84.06 5.99 -12.90 | 75.18 6.04 -3.46 | 80.25 5.55 -11.67 | 72.09 4.88 -12.32 | 71.75 3.90 -24.02 | 68.12 3.66 -24.64 | 63.93 3.10 -24.76 |
| NEG CENTRAL_HIGH_ACRES 23767 | 31.31 -0.98 -1.73 | 29.65 -0.94 -2.22 | 28.35 -0.76 -2.00 | 26.78 -0.74 -2.19 | 29.05 -0.79 -1.78 | 29.55 -0.83 -1.91 | 32.78 -0.93 -0.64 | 34.89 -1.15 -0.19 | 39.79 -1.98 -1.27 | 38.95 -2.14 -2.24 | 39.57 -1.90 -3.39 | 34.99 -1.56 -3.28 | 32.13 -1.31 -3.58 | 31.76 -1.36 -3.51 | 33.86 -1.72 -3.21 | 42.34 -3.34 -1.80 | 56.76 -4.86 -0.91 | 61.59 -4.69 -1.12 | 61.32 -4.66 -0.30 | 59.44 -4.60 -1.01 | 51.84 -4.12 -1.07 | 42.62 -3.29 -2.08 | 39.21 -2.75 -2.13 | 36.09 -2.13 -2.14 |
| NEG CENTRAL___DRP 24199 | 32.48 0.00 -1.91 | 30.79 -0.03 -2.46 | 29.32 0.00 -2.21 | 27.75 0.00 -2.42 | 30.06 0.03 -1.97 | 30.61 0.03 -2.11 | 33.87 0.10 -0.70 | 36.20 0.14 -0.21 | 41.46 -0.44 -1.41 | 40.74 -0.58 -2.48 | 41.59 -0.42 -3.93 | 36.93 -0.17 -3.83 | 33.86 -0.12 -4.12 | 33.42 -0.15 -3.96 | 35.56 -0.36 -3.55 | 44.42 -1.45 -1.99 | 59.47 -2.25 -1.00 | 64.38 -2.02 -1.23 | 63.98 -2.04 -0.33 | 62.13 -2.02 -1.12 | 54.15 -1.92 -1.18 | 44.68 -1.45 -2.30 | 40.99 -1.19 -2.36 | 37.61 -0.83 -2.37 |
| NEG CENTRAL___INDECK 23768 | 33.99 0.89 -2.54 | 32.40 0.77 -3.27 | 30.92 0.87 -2.94 | 29.30 0.76 -3.22 | 31.60 0.92 -2.62 | 32.25 0.97 -2.81 | 35.33 1.32 -0.94 | 37.45 1.33 -0.28 | 42.82 0.45 -1.87 | 42.30 0.16 -3.30 | 44.47 0.46 -5.92 | 39.70 0.53 -5.89 | 36.52 0.57 -6.10 | 35.68 0.50 -5.57 | 37.28 0.20 -4.72 | 43.67 -2.85 -2.65 | 57.50 -4.55 -1.33 | 62.64 -4.17 -1.64 | 61.99 -4.14 -0.44 | 60.42 -4.10 -1.48 | 52.83 -3.62 -1.57 | 44.08 -2.81 -3.06 | 40.69 -2.27 -3.14 | 38.86 -0.36 -3.15 |
| NEG CENTRAL___SENECA 23627 | 32.91 0.22 -2.13 | 31.24 0.14 -2.73 | 29.79 0.22 -2.46 | 28.20 0.18 -2.70 | 30.47 0.22 -2.19 | 31.08 0.26 -2.35 | 34.28 0.43 -0.78 | 36.54 0.46 -0.23 | 41.78 -0.28 -1.56 | 41.18 -0.43 -2.76 | 42.23 -0.23 -4.37 | 37.57 0.03 -4.26 | 34.53 0.09 -4.58 | 34.07 0.06 -4.41 | 36.12 -0.19 -3.95 | 44.55 -1.54 -2.22 | 59.22 -2.61 -1.12 | 64.26 -2.28 -1.37 | 63.75 -2.30 -0.37 | 62.01 -2.27 -1.24 | 54.00 -2.20 -1.31 | 44.81 -1.58 -2.56 | 41.21 -1.23 -2.62 | 37.95 -0.76 -2.64 |
| NEG CENTRAL___STATE_STREET 24147 | 32.70 0.27 -1.86 | 30.98 0.23 -2.39 | 29.51 0.24 -2.15 | 27.88 0.20 -2.36 | 30.23 0.25 -1.91 | 30.78 0.26 -2.06 | 34.09 0.33 -0.69 | 36.45 0.40 -0.20 | 41.91 0.04 -1.37 | 41.18 -0.08 -2.41 | 41.95 0.04 -3.82 | 37.17 0.17 -3.73 | 34.05 0.18 -4.01 | 33.61 0.15 -3.86 | 35.76 -0.06 -3.46 | 45.15 -0.66 -1.94 | 60.72 -0.97 -0.98 | 65.65 -0.72 -1.20 | 65.28 -0.72 -0.32 | 63.43 -0.69 -1.09 | 55.22 -0.82 -1.15 | 45.36 -0.70 -2.24 | 41.56 -0.56 -2.29 | 37.98 -0.40 -2.31 |

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| NEG MILLWOOD___DRP 24198 | 48.56 2.81 -15.18 | 50.48 2.58 -19.53 | 47.03 2.36 -17.56 | 46.85 2.25 -19.27 | 46.03 2.33 -15.64 | 47.75 2.48 -16.81 | 41.65 2.98 -5.60 | 40.98 3.48 -1.66 | 55.85 4.17 -11.18 | 62.40 3.85 -19.71 | 73.38 4.08 -31.22 | 67.41 3.69 -30.45 | 65.87 3.26 -32.75 | 64.36 3.26 -31.50 | 64.09 3.50 -28.23 | 63.89 4.17 -15.85 | 74.40 5.71 -7.98 | 81.37 6.39 -9.81 | 74.75 6.44 -2.63 | 78.02 6.11 -8.88 | 69.53 5.27 -9.37 | 66.27 4.17 -18.27 | 62.31 3.74 -18.74 | 57.98 3.06 -18.84 |
| NEG NORTH_FLCN_SEA 23793 | 30.29 -0.28 0.00 | 28.25 -0.11 0.00 | 26.87 -0.24 0.00 | 25.12 -0.20 0.00 | 27.84 -0.23 0.00 | 28.30 -0.17 0.00 | 32.91 -0.16 0.00 | 35.60 -0.25 0.00 | 40.50 0.00 0.00 | 39.08 0.23 0.00 | 38.16 0.08 0.00 | 33.27 0.00 0.00 | 29.77 -0.09 0.00 | 29.58 -0.03 0.00 | 32.24 -0.13 0.00 | 44.49 0.61 0.00 | 61.75 1.03 0.00 | 66.08 0.91 0.00 | 66.73 1.05 0.00 | 64.17 1.14 0.00 | 55.77 0.88 0.00 | 44.62 0.79 0.00 | 40.42 0.60 0.00 | 36.58 0.50 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 29.89 -0.67 0.00 | 27.88 -0.48 0.00 | 26.52 -0.60 0.00 | 24.79 -0.53 0.00 | 27.47 -0.59 0.00 | 27.93 -0.54 0.00 | 32.44 -0.63 0.00 | 35.13 -0.72 0.00 | 40.02 -0.48 0.00 | 38.61 -0.23 0.00 | 37.67 -0.42 0.00 | 32.81 -0.47 0.00 | 29.38 -0.48 0.00 | 29.19 -0.41 0.00 | 31.88 -0.48 0.00 | 44.05 0.18 0.00 | 61.15 0.43 0.00 | 65.36 0.20 0.00 | 65.94 0.26 0.00 | 63.41 0.38 0.00 | 55.22 0.33 0.00 | 44.14 0.31 0.00 | 39.99 0.16 0.00 | 36.18 0.11 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 30.26 -0.31 0.00 | 28.25 -0.11 0.00 | 26.84 -0.27 0.00 | 25.12 -0.20 0.00 | 27.84 -0.23 0.00 | 28.27 -0.20 0.00 | 32.91 -0.16 0.00 | 35.56 -0.29 0.00 | 40.50 0.00 0.00 | 39.08 0.23 0.00 | 38.16 0.08 0.00 | 33.27 0.00 0.00 | 29.80 -0.06 0.00 | 29.60 0.00 0.00 | 32.24 -0.13 0.00 | 44.49 0.61 0.00 | 61.75 1.03 0.00 | 66.15 0.98 0.00 | 66.73 1.05 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.66 0.83 0.00 | 40.46 0.64 0.00 | 36.58 0.50 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 30.26 -0.31 0.00 | 28.25 -0.11 0.00 | 26.84 -0.27 0.00 | 25.12 -0.20 0.00 | 27.84 -0.23 0.00 | 28.27 -0.20 0.00 | 32.91 -0.16 0.00 | 35.56 -0.29 0.00 | 40.50 0.00 0.00 | 39.08 0.23 0.00 | 38.16 0.08 0.00 | 33.27 0.00 0.00 | 29.80 -0.06 0.00 | 29.60 0.00 0.00 | 32.24 -0.13 0.00 | 44.49 0.61 0.00 | 61.75 1.03 0.00 | 66.15 0.98 0.00 | 66.73 1.05 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.66 0.83 0.00 | 40.46 0.64 0.00 | 36.58 0.50 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 30.26 -0.31 0.00 | 28.25 -0.11 0.00 | 26.84 -0.27 0.00 | 25.12 -0.20 0.00 | 27.84 -0.23 0.00 | 28.27 -0.20 0.00 | 32.91 -0.16 0.00 | 35.56 -0.29 0.00 | 40.50 0.00 0.00 | 39.08 0.23 0.00 | 38.16 0.08 0.00 | 33.27 0.00 0.00 | 29.80 -0.06 0.00 | 29.60 0.00 0.00 | 32.24 -0.13 0.00 | 44.49 0.61 0.00 | 61.75 1.03 0.00 | 66.15 0.98 0.00 | 66.73 1.05 0.00 | 64.23 1.19 0.00 | 55.82 0.93 0.00 | 44.66 0.83 0.00 | 40.46 0.64 0.00 | 36.58 0.50 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 32.06 -0.70 -2.20 | 30.60 -0.60 -2.83 | 29.33 -0.32 -2.54 | 27.73 -0.38 -2.79 | 29.93 -0.39 -2.26 | 30.47 -0.43 -2.43 | 33.45 -0.43 -0.81 | 34.73 -1.36 -0.24 | 39.05 -3.04 -1.59 | 38.38 -3.26 -2.80 | 39.28 -2.74 -3.93 | 34.83 -2.20 -3.75 | 32.28 -1.79 -4.21 | 32.15 -1.72 -4.26 | 34.08 -2.30 -4.02 | 40.60 -5.53 -2.25 | 53.59 -8.26 -1.13 | 58.35 -8.21 -1.39 | 58.03 -8.02 -0.36 | 56.35 -7.94 -1.26 | 49.27 -6.97 -1.35 | 41.02 -5.44 -2.63 | 38.20 -4.34 -2.71 | 34.97 -3.82 -2.73 |
| NEG WEST___LANCASTR 23811 | 33.61 0.49 -2.56 | 32.06 0.40 -3.29 | 30.67 0.60 -2.96 | 29.05 0.48 -3.25 | 31.26 0.56 -2.64 | 31.84 0.54 -2.84 | 34.87 0.86 -0.95 | 36.88 0.75 -0.28 | 42.09 -0.48 -2.07 | 41.58 -0.89 -3.63 | 53.67 -0.42 -16.00 | 50.48 -0.13 -17.34 | 44.98 0.03 -15.09 | 39.97 0.12 -10.25 | 37.23 -0.29 -5.15 | 43.75 -3.03 -2.91 | 57.42 -4.80 -1.50 | 62.50 -4.50 -1.83 | 61.96 -4.27 -0.55 | 60.28 -4.41 -1.66 | 52.53 -3.95 -1.59 | 44.07 -2.94 -3.18 | 40.91 -2.07 -3.16 | 37.45 -1.80 -3.18 |
| NEG_PENN_ALLEGHNY 23528 | 36.40 1.01 -4.83 | 35.49 0.91 -6.21 | 33.59 0.89 -5.59 | 32.29 0.83 -6.13 | 33.96 0.92 -4.98 | 34.81 1.00 -5.35 | 36.11 1.26 -1.78 | 37.77 1.40 -0.53 | 45.23 1.18 -3.56 | 46.09 0.97 -6.27 | 49.44 1.14 -10.21 | 44.37 1.10 -10.00 | 41.54 1.02 -10.67 | 40.72 0.98 -10.14 | 42.25 0.90 -8.98 | 49.31 0.39 -5.04 | 63.74 0.48 -2.54 | 69.07 0.78 -3.12 | 67.31 0.79 -0.84 | 66.55 0.69 -2.82 | 58.36 0.49 -2.98 | 50.04 0.39 -5.81 | 46.23 0.44 -5.96 | 42.57 0.50 -5.99 |
| NEG___GEN_MONROE 24207 | 31.94 -0.43 -1.80 | 30.32 -0.37 -2.32 | 29.01 -0.19 -2.09 | 27.38 -0.23 -2.29 | 29.72 -0.20 -1.86 | 30.27 -0.20 -2.00 | 33.54 -0.20 -0.67 | 35.51 -0.54 -0.20 | 40.25 -1.58 -1.33 | 39.44 -1.75 -2.34 | 40.26 -1.49 -3.66 | 35.67 -1.17 -3.56 | 32.75 -0.96 -3.85 | 32.35 -0.98 -3.72 | 34.36 -1.36 -3.35 | 42.42 -3.34 -1.88 | 56.75 -4.92 -0.95 | 61.77 -4.56 -1.17 | 61.26 -4.73 -0.31 | 59.36 -4.73 -1.05 | 51.78 -4.23 -1.11 | 42.58 -3.42 -2.17 | 39.26 -2.79 -2.23 | 36.22 -2.09 -2.24 |
| NEPA___ENERGY 23901 | 33.30 0.31 -2.43 | 31.74 0.25 -3.12 | 30.38 0.46 -2.81 | 28.73 0.33 -3.08 | 30.98 0.42 -2.50 | 31.52 0.37 -2.69 | 34.59 0.63 -0.90 | 36.61 0.50 -0.27 | 41.58 -0.81 -1.89 | 41.03 -1.13 -3.31 | 50.21 -0.65 -12.78 | 46.67 -0.33 -13.73 | 41.90 -0.12 -12.16 | 38.12 -0.06 -8.57 | 36.60 -0.48 -4.72 | 43.28 -3.25 -2.66 | 56.92 -5.16 -1.36 | 61.87 -4.96 -1.66 | 61.50 -4.66 -0.48 | 59.75 -4.79 -1.51 | 52.22 -4.17 -1.50 | 43.56 -3.24 -2.97 | 40.51 -2.31 -3.00 | 36.88 -2.20 -3.01 |
| NEVERSINK___HYD 23608 | 45.99 2.11 -13.32 | 47.37 1.87 -17.13 | 44.28 1.76 -15.40 | 43.90 1.67 -16.90 | 43.52 1.74 -13.72 | 45.20 1.99 -14.75 | 40.30 2.31 -4.91 | 40.21 2.90 -1.46 | 53.63 3.32 -9.80 | 59.08 2.95 -17.29 | 68.63 3.16 -27.38 | 62.91 2.93 -26.70 | 61.16 2.57 -28.73 | 59.78 2.55 -27.63 | 59.87 2.75 -24.76 | 60.97 3.20 -13.90 | 72.09 4.37 -7.00 | 78.66 4.89 -8.61 | 72.85 4.86 -2.31 | 75.42 4.60 -7.78 | 67.12 4.00 -8.22 | 62.97 3.11 -16.03 | 59.05 2.79 -16.44 | 54.94 2.34 -16.52 |
| NEWTON___FALLS_HYD 23847 | 29.80 -0.76 0.00 | 27.69 -0.68 0.00 | 26.38 -0.73 0.00 | 24.66 -0.66 0.00 | 27.33 -0.73 0.00 | 27.78 -0.68 0.00 | 32.11 -0.96 0.00 | 34.63 -1.22 0.00 | 39.53 -0.97 0.00 | 38.26 -0.58 0.00 | 37.40 -0.68 0.00 | 32.54 -0.73 0.00 | 29.14 -0.72 0.00 | 28.92 -0.68 0.00 | 31.52 -0.84 0.00 | 43.43 -0.44 0.00 | 60.30 -0.42 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.12 -0.77 0.00 | 43.53 -0.30 0.00 | 39.71 -0.12 0.00 | 35.97 -0.11 0.00 |
| NIAGARA_115E_LBMP 323715 | 31.60 -1.19 -2.23 | 30.19 -1.05 -2.87 | 28.94 -0.76 -2.58 | 27.40 -0.76 -2.83 | 29.55 -0.81 -2.30 | 30.08 -0.85 -2.47 | 32.93 -0.96 -0.82 | 34.12 -1.97 -0.24 | 38.35 -3.73 -1.58 | 37.75 -3.88 -2.79 | 36.47 -3.35 -1.74 | 31.82 -2.69 -1.24 | 29.88 -2.24 -2.27 | 30.71 -2.19 -3.29 | 33.59 -2.78 -4.01 | 39.89 -6.23 -2.25 | 52.61 -9.23 -1.12 | 57.30 -9.25 -1.38 | 56.97 -9.06 -0.35 | 55.27 -9.02 -1.25 | 48.36 -7.90 -1.37 | 40.35 -6.14 -2.65 | 37.56 -5.02 -2.75 | 34.40 -4.44 -2.77 |
| NIAGARA_115W_LBMP 323714 | 31.43 -1.37 -2.24 | 30.03 -1.22 -2.88 | 28.78 -0.92 -2.59 | 27.23 -0.94 -2.84 | 29.36 -1.01 -2.31 | 29.90 -1.05 -2.48 | 32.74 -1.16 -0.83 | 34.16 -1.94 -0.24 | 38.42 -3.64 -1.57 | 37.90 -3.73 -2.79 | 36.62 -3.20 -1.74 | 31.95 -2.56 -1.24 | 30.01 -2.12 -2.27 | 30.86 -2.04 -3.29 | 33.72 -2.65 -4.01 | 39.92 -6.18 -2.24 | 52.72 -9.11 -1.11 | 57.48 -9.06 -1.37 | 57.09 -8.93 -0.34 | 55.44 -8.82 -1.24 | 48.42 -7.85 -1.38 | 40.35 -6.14 -2.65 | 37.61 -4.98 -2.77 | 34.45 -4.40 -2.78 |

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| NIAGARA_230_LBMP 323716 | 31.64 -1.13 -2.20 | 30.18 -1.02 -2.83 | 28.93 -0.73 -2.55 | 27.38 -0.74 -2.80 | 29.52 -0.81 -2.27 | 30.08 -0.83 -2.44 | 32.99 -0.89 -0.81 | 34.58 -1.50 -0.24 | 38.93 -3.16 -1.59 | 38.15 -3.50 -2.81 | 36.83 -3.01 -1.76 | 32.13 -2.40 -1.26 | 30.14 -2.00 -2.29 | 30.96 -1.95 -3.31 | 33.90 -2.49 -4.03 | 40.51 -5.62 -2.26 | 53.47 -8.38 -1.13 | 58.15 -8.41 -1.39 | 57.77 -8.28 -0.36 | 56.10 -8.19 -1.26 | 49.17 -7.08 -1.36 | 40.94 -5.52 -2.63 | 38.21 -4.34 -2.72 | 35.02 -3.79 -2.73 |
| NIAGARA____ 23760 | 31.49 -1.31 -2.24 | 30.05 -1.19 -2.88 | 28.81 -0.89 -2.59 | 27.28 -0.89 -2.84 | 29.41 -0.95 -2.31 | 29.95 -1.00 -2.48 | 32.81 -1.09 -0.83 | 34.19 -1.90 -0.24 | 38.56 -3.52 -1.58 | 37.95 -3.69 -2.80 | 36.67 -3.16 -1.75 | 31.99 -2.53 -1.25 | 30.04 -2.09 -2.28 | 30.87 -2.04 -3.30 | 33.76 -2.62 -4.02 | 40.11 -6.01 -2.25 | 52.97 -8.87 -1.12 | 57.69 -8.86 -1.39 | 57.36 -8.67 -0.36 | 55.71 -8.57 -1.25 | 48.63 -7.63 -1.37 | 40.56 -5.92 -2.65 | 37.68 -4.90 -2.75 | 34.44 -4.40 -2.77 |
| NINE_MILE_1 23575 | 30.67 -0.82 -0.93 | 28.76 -0.79 -1.19 | 27.45 -0.73 -1.07 | 25.82 -0.68 -1.18 | 28.26 -0.76 -0.95 | 28.64 -0.85 -1.03 | 32.39 -1.03 -0.34 | 34.80 -1.15 -0.10 | 39.73 -1.46 -0.68 | 38.57 -1.48 -1.20 | 38.58 -1.41 -1.90 | 33.96 -1.17 -1.86 | 30.84 -1.02 -2.00 | 30.49 -1.04 -1.92 | 32.89 -1.20 -1.72 | 42.91 -1.93 -0.97 | 58.47 -2.73 -0.49 | 62.96 -2.80 -0.60 | 63.02 -2.82 -0.16 | 60.86 -2.71 -0.54 | 53.05 -2.41 -0.57 | 43.02 -1.93 -1.11 | 39.30 -1.67 -1.14 | 35.74 -1.48 -1.15 |
| NINE_MILE_2 23744 | 30.67 -0.82 -0.92 | 28.76 -0.79 -1.19 | 27.45 -0.73 -1.07 | 25.81 -0.68 -1.17 | 28.26 -0.76 -0.95 | 28.64 -0.85 -1.02 | 32.39 -1.03 -0.34 | 34.80 -1.15 -0.10 | 39.72 -1.46 -0.68 | 38.57 -1.48 -1.20 | 38.58 -1.41 -1.90 | 33.96 -1.17 -1.85 | 30.84 -1.02 -1.99 | 30.48 -1.04 -1.92 | 32.89 -1.20 -1.72 | 42.91 -1.93 -0.96 | 58.47 -2.73 -0.49 | 62.96 -2.80 -0.60 | 63.02 -2.82 -0.16 | 60.86 -2.71 -0.54 | 53.05 -2.41 -0.57 | 43.02 -1.93 -1.11 | 39.30 -1.67 -1.14 | 35.74 -1.48 -1.15 |
| NM_CAPITAL____DRP 24208 | 51.77 2.14 -19.07 | 54.85 1.96 -24.53 | 51.07 1.90 -22.05 | 51.30 1.77 -24.20 | 49.70 1.99 -19.64 | 51.66 2.08 -21.11 | 42.55 2.45 -7.04 | 40.16 2.22 -2.08 | 57.09 2.55 -14.04 | 66.05 2.45 -24.75 | 79.54 2.25 -39.21 | 73.47 1.96 -38.24 | 72.79 1.79 -41.14 | 70.94 1.78 -39.56 | 69.69 1.88 -35.45 | 66.23 2.46 -19.90 | 74.01 3.28 -10.02 | 81.07 3.58 -12.32 | 72.66 3.68 -3.31 | 77.64 3.46 -11.15 | 69.68 3.02 -11.77 | 69.41 2.63 -22.95 | 65.88 2.51 -23.54 | 62.04 2.31 -23.66 |
| NM_CENTRAL____DRP 24181 | 31.69 -0.15 -1.28 | 29.84 -0.17 -1.64 | 28.46 -0.13 -1.48 | 26.79 -0.15 -1.62 | 29.24 -0.14 -1.32 | 29.68 -0.20 -1.41 | 33.31 -0.23 -0.47 | 35.77 -0.21 -0.14 | 40.96 -0.48 -0.94 | 39.96 -0.54 -1.66 | 40.29 -0.42 -2.63 | 35.53 -0.30 -2.56 | 32.38 -0.24 -2.76 | 31.99 -0.27 -2.65 | 34.32 -0.42 -2.38 | 44.20 -1.01 -1.33 | 59.99 -1.39 -0.67 | 64.69 -1.30 -0.83 | 64.59 -1.31 -0.22 | 62.45 -1.33 -0.75 | 54.42 -1.26 -0.79 | 44.36 -1.01 -1.54 | 40.57 -0.84 -1.58 | 36.94 -0.72 -1.59 |
| NM_FRONTIER____DRP 24179 | 31.43 -1.37 -2.24 | 30.03 -1.22 -2.88 | 28.78 -0.92 -2.59 | 27.23 -0.94 -2.84 | 29.36 -1.01 -2.31 | 29.90 -1.05 -2.48 | 32.74 -1.16 -0.83 | 34.16 -1.94 -0.24 | 38.42 -3.64 -1.57 | 37.90 -3.73 -2.79 | 36.62 -3.20 -1.74 | 31.95 -2.56 -1.24 | 30.01 -2.12 -2.27 | 30.86 -2.04 -3.29 | 33.72 -2.65 -4.01 | 39.92 -6.18 -2.24 | 52.72 -9.11 -1.11 | 57.48 -9.06 -1.37 | 57.09 -8.93 -0.34 | 55.44 -8.82 -1.24 | 48.42 -7.85 -1.38 | 40.35 -6.14 -2.65 | 37.61 -4.98 -2.77 | 34.45 -4.40 -2.78 |
| NM_ST_REGIS____HYD 24053 | 29.34 -1.22 0.00 | 27.37 -0.99 0.00 | 26.03 -1.09 0.00 | 24.33 -0.99 0.00 | 26.97 -1.09 0.00 | 27.36 -1.11 0.00 | 31.58 -1.49 0.00 | 34.06 -1.79 0.00 | 39.00 -1.50 0.00 | 37.87 -0.97 0.00 | 36.94 -1.14 0.00 | 32.01 -1.26 0.00 | 28.63 -1.23 0.00 | 28.45 -1.16 0.00 | 31.04 -1.33 0.00 | 43.48 -0.40 0.00 | 60.42 -0.30 0.00 | 64.19 -0.98 0.00 | 64.76 -0.92 0.00 | 62.28 -0.75 0.00 | 54.17 -0.72 0.00 | 43.57 -0.26 0.00 | 39.75 -0.08 0.00 | 36.04 -0.04 0.00 |
| NORTHPORT____1 23551 | 49.54 4.25 -14.73 | 50.86 3.55 -18.94 | 47.32 3.17 -17.03 | 47.38 3.37 -18.69 | 46.38 3.14 -15.17 | 48.62 3.84 -16.31 | 43.07 4.57 -5.43 | 42.80 5.34 -1.61 | 56.29 4.94 -10.85 | 62.75 4.78 -19.13 | 83.72 5.29 -40.35 | 84.13 4.76 -46.10 | 81.17 4.21 -47.10 | 74.47 4.23 -40.64 | 76.10 4.56 -39.17 | 79.37 5.48 -30.01 | 103.37 7.28 -35.37 | 107.32 7.82 -34.33 | 104.90 7.94 -31.27 | 97.78 7.62 -27.12 | 91.68 6.75 -30.04 | 89.22 5.35 -40.05 | 70.67 5.02 -25.83 | 85.66 4.33 -45.26 |
| NORTHPORT____2 23552 | 49.54 4.25 -14.73 | 50.86 3.55 -18.94 | 47.32 3.17 -17.03 | 47.38 3.37 -18.69 | 46.38 3.14 -15.17 | 48.62 3.84 -16.31 | 43.07 4.57 -5.43 | 42.80 5.34 -1.61 | 56.29 4.94 -10.85 | 62.75 4.78 -19.13 | 83.72 5.29 -40.35 | 84.13 4.76 -46.10 | 81.17 4.21 -47.10 | 74.47 4.23 -40.64 | 76.10 4.56 -39.17 | 79.37 5.48 -30.01 | 103.37 7.28 -35.37 | 107.32 7.82 -34.33 | 104.90 7.94 -31.27 | 97.78 7.62 -27.12 | 91.68 6.75 -30.04 | 89.22 5.35 -40.05 | 70.67 5.02 -25.83 | 85.66 4.33 -45.26 |
| NORTHPORT____3 23553 | 49.30 4.00 -14.73 | 50.66 3.35 -18.94 | 47.16 3.01 -17.03 | 47.20 3.19 -18.69 | 46.21 2.97 -15.17 | 48.42 3.64 -16.31 | 42.80 4.30 -5.43 | 42.55 5.09 -1.61 | 56.17 4.82 -10.85 | 62.59 4.62 -19.13 | 83.68 5.33 -40.26 | 84.03 4.79 -45.96 | 81.08 4.24 -46.98 | 74.39 4.23 -40.55 | 76.07 4.63 -39.07 | 79.34 5.57 -29.89 | 103.45 7.53 -35.21 | 107.56 8.21 -34.19 | 105.06 8.28 -31.10 | 97.99 7.94 -27.02 | 91.68 6.92 -29.87 | 89.13 5.43 -39.87 | 70.56 4.98 -25.76 | 85.49 4.36 -45.06 |
| NORTHPORT____4 23650 | 49.30 4.00 -14.73 | 50.66 3.35 -18.94 | 47.16 3.01 -17.03 | 47.20 3.19 -18.69 | 46.21 2.97 -15.17 | 48.42 3.64 -16.31 | 42.80 4.30 -5.43 | 42.55 5.09 -1.61 | 56.17 4.82 -10.85 | 62.59 4.62 -19.13 | 83.68 5.33 -40.26 | 84.03 4.79 -45.96 | 81.08 4.24 -46.98 | 74.39 4.23 -40.55 | 76.07 4.63 -39.07 | 79.34 5.57 -29.89 | 103.45 7.53 -35.21 | 107.56 8.21 -34.19 | 105.06 8.28 -31.10 | 97.99 7.94 -27.02 | 91.68 6.92 -29.87 | 89.13 5.43 -39.87 | 70.56 4.98 -25.76 | 85.49 4.36 -45.06 |
| NORTHPORT____IC 23718 | 49.54 4.25 -14.73 | 50.86 3.55 -18.94 | 47.32 3.17 -17.03 | 47.38 3.37 -18.69 | 46.38 3.14 -15.17 | 48.62 3.84 -16.31 | 43.07 4.57 -5.43 | 42.80 5.34 -1.61 | 56.29 4.94 -10.85 | 62.75 4.78 -19.13 | 83.72 5.29 -40.35 | 84.13 4.76 -46.10 | 81.17 4.21 -47.10 | 74.47 4.23 -40.64 | 76.10 4.56 -39.17 | 79.37 5.48 -30.01 | 103.37 7.28 -35.37 | 107.32 7.82 -34.33 | 104.90 7.94 -31.27 | 97.78 7.62 -27.12 | 91.68 6.75 -30.04 | 89.22 5.35 -40.05 | 70.67 5.02 -25.83 | 85.66 4.33 -45.26 |
| NPX_GEN_1385_PROXY 323591 | 54.97 5.17 -19.24 | 52.66 4.40 -19.90 | 50.92 4.01 -19.79 | 50.34 4.13 -20.89 | 51.06 3.98 -19.02 | 54.38 4.70 -21.22 | 62.08 5.55 -23.46 | 64.85 6.45 -22.55 | 68.26 6.15 -21.61 | 68.94 5.90 -24.19 | 81.97 5.83 -38.06 | 84.53 5.16 -46.10 | 81.50 4.54 -47.10 | 74.83 4.59 -40.64 | 76.20 4.66 -39.17 | 79.50 5.62 -30.01 | 102.95 6.86 -35.37 | 108.10 8.60 -34.33 | 104.70 7.75 -31.27 | 97.40 7.25 -27.12 | 91.90 6.97 -30.04 | 89.40 5.52 -40.05 | 71.35 5.69 -25.83 | 85.41 4.08 -45.26 |
| NPX_GEN_CSC 323557 | 50.49 5.20 -14.73 | 51.73 4.42 -18.94 | 48.13 3.99 -17.03 | 48.17 4.15 -18.69 | 47.16 3.93 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.98 6.53 -1.61 | 57.22 5.87 -10.85 | 65.97 5.71 -21.42 | 82.50 6.21 -38.20 | 85.06 5.59 -46.20 | 82.05 4.96 -47.23 | 75.39 4.94 -40.84 | 77.18 5.44 -39.38 | 80.69 6.67 -30.16 | 105.17 9.10 -35.35 | 109.37 9.90 -34.31 | 106.90 9.98 -31.24 | 99.75 9.52 -27.20 | 93.26 8.29 -30.08 | 90.41 6.49 -40.10 | 71.87 5.97 -26.07 | 86.77 5.63 -45.07 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NSINS_S_GLNS_FALLS 23858 | 52.86 2.47 -19.82 | 56.07 2.21 -25.49 | 52.20 2.17 -22.92 | 52.47 2.00 -25.15 | 50.86 2.38 -20.41 | 52.77 2.36 -21.94 | 43.29 2.91 -7.31 | 41.06 3.05 -2.17 | 58.89 3.81 -14.59 | 68.26 3.69 -25.72 | 82.29 3.47 -40.74 | 75.97 2.96 -39.74 | 75.50 2.90 -42.75 | 73.55 2.84 -41.11 | 72.22 3.01 -36.84 | 68.45 3.90 -20.68 | 76.41 5.28 -10.41 | 84.04 6.06 -12.81 | 75.16 6.04 -3.44 | 80.16 5.55 -11.58 | 72.01 4.88 -12.23 | 71.63 3.95 -23.85 | 67.95 3.66 -24.46 | 63.72 3.06 -24.58 |
| NUCOR_STEEL____DRP 24197 | 32.53 0.18 -1.78 | 30.80 0.14 -2.29 | 29.34 0.16 -2.06 | 27.73 0.15 -2.26 | 30.09 0.20 -1.83 | 30.61 0.17 -1.97 | 33.93 0.20 -0.66 | 36.29 0.25 -0.19 | 41.69 -0.12 -1.31 | 40.92 -0.23 -2.31 | 41.63 -0.11 -3.66 | 36.84 0.00 -3.57 | 33.76 0.06 -3.84 | 33.33 0.03 -3.69 | 35.51 -0.16 -3.31 | 44.94 -0.79 -1.86 | 60.50 -1.16 -0.93 | 65.40 -0.91 -1.15 | 65.01 -0.98 -0.31 | 63.13 -0.94 -1.04 | 55.00 -0.99 -1.10 | 45.18 -0.79 -2.14 | 41.35 -0.68 -2.20 | 37.81 -0.47 -2.21 |
| NYISO_LBMP_REFERENCE 24008 | 30.57 0.00 0.00 | 28.37 0.00 0.00 | 27.11 0.00 0.00 | 25.32 0.00 0.00 | 28.06 0.00 0.00 | 28.47 0.00 0.00 | 33.07 0.00 0.00 | 35.85 0.00 0.00 | 40.50 0.00 0.00 | 38.84 0.00 0.00 | 38.09 0.00 0.00 | 33.27 0.00 0.00 | 29.86 0.00 0.00 | 29.60 0.00 0.00 | 32.37 0.00 0.00 | 43.87 0.00 0.00 | 60.72 0.00 0.00 | 65.17 0.00 0.00 | 65.68 0.00 0.00 | 63.03 0.00 0.00 | 54.89 0.00 0.00 | 43.83 0.00 0.00 | 39.83 0.00 0.00 | 36.07 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 49.94 4.64 -14.73 | 51.23 3.92 -18.94 | 47.67 3.52 -17.03 | 47.68 3.67 -18.69 | 46.68 3.45 -15.17 | 48.99 4.21 -16.31 | 43.50 4.99 -5.43 | 43.30 5.85 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.62 5.83 -40.71 | 84.88 5.26 -46.35 | 81.94 4.66 -47.43 | 75.40 4.65 -41.15 | 77.10 5.05 -39.69 | 80.43 6.19 -30.37 | 104.35 8.32 -35.32 | 108.50 9.06 -34.28 | 106.01 9.13 -31.20 | 99.11 8.76 -27.32 | 92.68 7.63 -30.16 | 90.01 6.01 -40.18 | 71.79 5.53 -26.43 | 85.77 4.91 -44.79 |
| NYPA_GOWANUS____GT5 24156 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NYPA_GOWANUS____GT6 24157 | 48.45 3.15 -14.73 | 50.09 2.78 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.67 4.30 -30.28 | 66.83 4.02 -29.53 | 65.15 3.52 -31.77 | 63.64 3.49 -30.55 | 63.62 3.88 -27.38 | 63.80 4.56 -15.37 | 74.72 6.26 -7.74 | 81.46 6.78 -9.52 | 75.07 6.83 -2.56 | 78.14 6.49 -8.62 | 69.63 5.65 -9.09 | 66.03 4.47 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NYPA_HARLEM__RVR__GT1 24160 | 48.42 3.12 -14.73 | 50.03 2.72 -18.94 | 46.59 2.44 -17.03 | 46.44 2.43 -18.69 | 45.65 2.41 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.25 3.80 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.47 4.11 -30.27 | 66.79 3.99 -29.53 | 65.09 3.46 -31.77 | 63.53 3.37 -30.55 | 63.59 3.85 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.14 6.45 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.52 5.54 -9.09 | 65.94 4.38 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NYPA_HARLEM__RVR__GT2 24161 | 48.42 3.12 -14.73 | 50.03 2.72 -18.94 | 46.59 2.44 -17.03 | 46.44 2.43 -18.69 | 45.65 2.41 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.25 3.80 -1.60 | 55.06 3.72 -10.83 | 61.45 3.50 -19.11 | 72.47 4.11 -30.27 | 66.79 3.99 -29.53 | 65.09 3.46 -31.77 | 63.53 3.37 -30.55 | 63.59 3.85 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.14 6.45 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.52 5.54 -9.09 | 65.94 4.38 -17.72 | 62.16 4.14 -18.19 | 57.85 3.50 -18.28 |
| NYPA_KENT____GT 24152 | 48.39 3.09 -14.73 | 50.03 2.72 -18.94 | 46.59 2.44 -17.03 | 46.37 2.36 -18.69 | 45.67 2.44 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.63 4.26 -30.28 | 66.79 3.99 -29.53 | 65.12 3.49 -31.77 | 63.61 3.46 -30.55 | 63.59 3.85 -27.38 | 63.76 4.52 -15.37 | 74.59 6.13 -7.74 | 81.33 6.65 -9.52 | 74.95 6.70 -2.56 | 78.08 6.43 -8.62 | 69.58 5.60 -9.09 | 65.94 4.38 -17.72 | 62.08 4.06 -18.19 | 57.82 3.46 -18.28 |
| NYPA_POUCH1____GT 24155 | 48.48 3.18 -14.73 | 50.12 2.81 -18.94 | 46.64 2.49 -17.03 | 46.42 2.41 -18.69 | 45.73 2.50 -15.17 | 47.39 2.62 -16.31 | 41.55 3.04 -5.43 | 41.22 3.76 -1.61 | 55.19 3.85 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.58 3.43 -30.55 | 63.56 3.82 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.40 6.71 -9.52 | 74.95 6.70 -2.56 | 78.08 6.43 -8.62 | 69.58 5.60 -9.09 | 65.98 4.43 -17.72 | 62.12 4.10 -18.19 | 57.85 3.50 -18.28 |
| NYPA_VERNON____GT2 24162 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.53 2.39 -17.03 | 46.32 2.30 -18.69 | 45.62 2.38 -15.17 | 47.34 2.56 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.63 4.26 -30.28 | 66.76 3.96 -29.53 | 65.12 3.49 -31.77 | 63.58 3.43 -30.55 | 63.56 3.82 -27.38 | 63.72 4.48 -15.37 | 74.53 6.07 -7.74 | 81.26 6.58 -9.52 | 74.87 6.63 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| NYPA_VERNON____GT3 24163 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.53 2.39 -17.03 | 46.32 2.30 -18.69 | 45.62 2.38 -15.17 | 47.34 2.56 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.63 4.26 -30.28 | 66.76 3.96 -29.53 | 65.12 3.49 -31.77 | 63.58 3.43 -30.55 | 63.56 3.82 -27.38 | 63.72 4.48 -15.37 | 74.53 6.07 -7.74 | 81.26 6.58 -9.52 | 74.87 6.63 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| NYPA__ASTORIA_CC1 323568 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| NYPA__ASTORIA_CC2 323569 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.32 2.30 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.23 3.89 -10.84 | 61.61 3.65 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| NYPA__HOLTSVILL 23794 | 50.06 4.77 -14.73 | 51.34 4.03 -18.94 | 47.81 3.66 -17.03 | 47.81 3.80 -18.69 | 46.83 3.59 -15.17 | 49.16 4.38 -16.31 | 43.70 5.19 -5.43 | 43.48 6.02 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.39 5.83 -40.48 | 84.72 5.26 -46.19 | 81.74 4.66 -47.22 | 75.08 4.65 -40.83 | 76.81 5.08 -39.36 | 80.20 6.19 -30.14 | 104.45 8.38 -35.35 | 108.60 9.12 -34.31 | 106.12 9.19 -31.24 | 98.98 8.76 -27.19 | 92.65 7.68 -30.08 | 89.93 6.01 -40.09 | 71.45 5.58 -26.05 | 86.28 5.12 -45.09 |

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|-------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|
| NYPY____HELLGATE_GT1 24158 | 48.42 | 50.06 | 46.59 | 46.44 | 45.65 | 47.36 | 41.58 | 41.25 | 55.06 | 61.45 | 72.47 | 66.79 | 65.09 | 63.53 | 63.59 | 63.67 | 74.53 | 81.14 | 74.81 | 77.95 | 69.52 | 65.94 | 62.16 | 57.85 |
| | 3.12 | 2.75 | 2.44 | 2.43 | 2.41 | 2.59 | 3.08 | 3.80 | 3.72 | 3.50 | 4.11 | 3.99 | 3.46 | 3.37 | 3.85 | 4.43 | 6.07 | 6.45 | 6.57 | 6.30 | 5.54 | 4.38 | 4.14 | 3.50 |
| | -14.73 | -18.94 | -17.03 | -18.69 | -15.17 | -16.31 | -5.43 | -1.60 | -10.83 | -19.11 | -30.27 | -29.53 | -31.77 | -30.55 | -27.38 | -15.37 | -7.74 | -9.52 | -2.56 | -8.62 | -9.09 | -17.72 | -18.19 | -18.28 |
| NYPY____HELLGATE_GT2 24159 | 48.42 | 50.06 | 46.59 | 46.44 | 45.65 | 47.36 | 41.58 | 41.25 | 55.06 | 61.45 | 72.47 | 66.79 | 65.09 | 63.53 | 63.59 | 63.67 | 74.53 | 81.14 | 74.81 | 77.95 | 69.52 | 65.94 | 62.16 | 57.85 |
| | 3.12 | 2.75 | 2.44 | 2.43 | 2.41 | 2.59 | 3.08 | 3.80 | 3.72 | 3.50 | 4.11 | 3.99 | 3.46 | 3.37 | 3.85 | 4.43 | 6.07 | 6.45 | 6.57 | 6.30 | 5.54 | 4.38 | 4.14 | 3.50 |
| | -14.73 | -18.94 | -17.03 | -18.69 | -15.17 | -16.31 | -5.43 | -1.60 | -10.83 | -19.11 | -30.27 | -29.53 | -31.77 | -30.55 | -27.38 | -15.37 | -7.74 | -9.52 | -2.56 | -8.62 | -9.09 | -17.72 | -18.19 | -18.28 |
| NYS_BARGE___HYD 23848 | 32.07 | 30.57 | 29.31 | 27.71 | 29.94 | 30.45 | 33.44 | 34.76 | 39.11 | 38.43 | 38.83 | 34.34 | 31.90 | 31.95 | 34.11 | 40.66 | 53.70 | 58.52 | 58.16 | 56.46 | 49.37 | 41.09 | 38.22 | 35.03 |
| | -0.67 | -0.60 | -0.32 | -0.38 | -0.37 | -0.43 | -0.43 | -1.33 | -2.95 | -3.18 | -2.67 | -2.10 | -1.70 | -1.66 | -2.23 | -5.44 | -8.13 | -8.02 | -7.88 | -7.82 | -6.86 | -5.35 | -4.30 | -3.75 |
| | -2.18 | -2.80 | -2.52 | -2.77 | -2.25 | -2.41 | -0.80 | -0.24 | -1.57 | -2.77 | -3.41 | -3.16 | -3.74 | -4.01 | -3.97 | -2.23 | -1.11 | -1.38 | -0.36 | -1.24 | -1.34 | -2.60 | -2.69 | -2.70 |
| O.H_GEN_BRUCE 24063 | 32.06 | 30.64 | 29.33 | 27.80 | 29.90 | 30.51 | 33.33 | 34.96 | 39.60 | 41.23 | 37.57 | 35.35 | 32.83 | 32.70 | 34.74 | 41.30 | 54.39 | 59.10 | 58.61 | 57.00 | 49.90 | 41.73 | 38.90 | 35.71 |
| | -0.92 | -0.82 | -0.57 | -0.58 | -0.64 | -0.63 | -0.63 | -1.15 | -2.67 | -3.03 | -2.55 | -2.03 | -1.67 | -1.63 | -2.10 | -5.09 | -7.59 | -7.62 | -7.49 | -7.44 | -6.48 | -5.00 | -3.90 | -3.35 |
| | -2.41 | -3.10 | -2.79 | -3.06 | -2.48 | -2.67 | -0.89 | -0.26 | -1.77 | -5.42 | -2.03 | -4.11 | -4.64 | -4.72 | -4.48 | -2.52 | -1.27 | -1.56 | -0.42 | -1.41 | -1.49 | -2.90 | -2.98 | -2.99 |
| OAK ORCHARD___HYD 24046 | 31.84 | 30.19 | 28.89 | 27.29 | 29.60 | 30.11 | 33.37 | 35.40 | 40.20 | 39.34 | 40.16 | 35.59 | 32.67 | 32.26 | 34.30 | 42.49 | 56.86 | 61.83 | 61.52 | 59.60 | 51.99 | 42.79 | 39.45 | 36.38 |
| | -0.52 | -0.48 | -0.30 | -0.30 | -0.31 | -0.34 | -0.36 | -0.64 | -1.62 | -1.82 | -1.56 | -1.23 | -1.02 | -1.04 | -1.39 | -3.25 | -4.80 | -4.50 | -4.47 | -4.47 | -4.00 | -3.20 | -2.59 | -1.91 |
| | -1.79 | -2.30 | -2.07 | -2.27 | -1.84 | -1.98 | -0.66 | -0.20 | -1.32 | -2.32 | -3.64 | -3.54 | -3.83 | -3.69 | -3.33 | -1.87 | -0.94 | -1.16 | -0.31 | -1.05 | -1.10 | -2.15 | -2.21 | -2.22 |
| OCC_CHEM___DRP 24175 | 31.62 | 30.21 | 28.95 | 27.39 | 29.53 | 30.07 | 32.94 | 34.34 | 38.58 | 38.02 | 36.70 | 32.01 | 30.06 | 30.91 | 33.78 | 40.14 | 52.96 | 57.67 | 57.35 | 55.63 | 48.64 | 40.57 | 37.82 | 34.64 |
| | -1.19 | -1.05 | -0.76 | -0.79 | -0.84 | -0.88 | -0.96 | -1.76 | -3.48 | -3.61 | -3.12 | -2.50 | -2.06 | -1.98 | -2.59 | -5.97 | -8.87 | -8.86 | -8.67 | -8.63 | -7.63 | -5.92 | -4.78 | -4.22 |
| | -2.25 | -2.89 | -2.60 | -2.85 | -2.31 | -2.49 | -0.83 | -0.25 | -1.57 | -2.78 | -1.73 | -1.24 | -2.26 | -3.29 | -4.00 | -2.23 | -1.11 | -1.37 | -0.34 | -1.24 | -1.38 | -2.66 | -2.77 | -2.79 |
| OLIN_CORP_DRP 24177 | 31.62 | 30.21 | 28.95 | 27.39 | 29.53 | 30.07 | 32.94 | 34.34 | 38.58 | 38.02 | 36.69 | 32.00 | 30.06 | 30.91 | 33.78 | 40.14 | 52.96 | 57.67 | 57.35 | 55.63 | 48.64 | 40.57 | 37.82 | 34.64 |
| | -1.19 | -1.05 | -0.76 | -0.79 | -0.84 | -0.88 | -0.96 | -1.76 | -3.48 | -3.61 | -3.12 | -2.50 | -2.06 | -1.98 | -2.59 | -5.97 | -8.87 | -8.86 | -8.67 | -8.63 | -7.63 | -5.92 | -4.78 | -4.22 |
| | -2.25 | -2.89 | -2.60 | -2.85 | -2.31 | -2.49 | -0.83 | -0.25 | -1.57 | -2.78 | -1.73 | -1.23 | -2.26 | -3.29 | -4.00 | -2.23 | -1.11 | -1.37 | -0.34 | -1.24 | -1.38 | -2.66 | -2.77 | -2.79 |
| OLIN_CORP_DSASP 323712 | 31.62 | 30.21 | 28.95 | 27.39 | 29.53 | 30.07 | 32.94 | 34.34 | 38.58 | 38.02 | 36.70 | 32.01 | 30.06 | 30.91 | 33.78 | 40.14 | 52.96 | 57.67 | 57.35 | 55.63 | 48.64 | 40.57 | 37.82 | 34.64 |
| | -1.19 | -1.05 | -0.76 | -0.79 | -0.84 | -0.88 | -0.96 | -1.76 | -3.48 | -3.61 | -3.12 | -2.50 | -2.06 | -1.98 | -2.59 | -5.97 | -8.87 | -8.86 | -8.67 | -8.63 | -7.63 | -5.92 | -4.78 | -4.22 |
| | -2.25 | -2.89 | -2.60 | -2.85 | -2.31 | -2.49 | -0.83 | -0.25 | -1.57 | -2.78 | -1.73 | -1.24 | -2.26 | -3.29 | -4.00 | -2.23 | -1.11 | -1.37 | -0.34 | -1.24 | -1.38 | -2.66 | -2.77 | -2.79 |
| ONEIDA_HERK_LFGE 323681 | 31.27 | 28.99 | 27.68 | 25.86 | 28.68 | 29.21 | 33.99 | 36.71 | 41.68 | 39.97 | 39.15 | 34.24 | 30.69 | 30.43 | 33.18 | 44.84 | 62.12 | 66.73 | 67.25 | 64.48 | 56.04 | 44.79 | 40.70 | 36.83 |
| | 0.70 | 0.62 | 0.57 | 0.53 | 0.62 | 0.74 | 0.92 | 0.86 | 1.18 | 1.13 | 1.06 | 0.97 | 0.83 | 0.83 | 0.81 | 0.96 | 1.40 | 1.56 | 1.57 | 1.45 | 1.15 | 0.96 | 0.88 | 0.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 32.24 | 30.45 | 28.99 | 27.37 | 29.77 | 30.24 | 33.72 | 36.13 | 41.54 | 40.66 | 41.21 | 36.43 | 33.29 | 32.88 | 35.17 | 44.86 | 60.64 | 65.47 | 65.17 | 63.20 | 55.09 | 45.07 | 41.22 | 37.60 |
| | 0.09 | 0.06 | 0.05 | 0.05 | 0.08 | 0.03 | 0.07 | 0.11 | -0.12 | -0.23 | -0.11 | 0.00 | 0.03 | 0.00 | -0.13 | -0.66 | -0.91 | -0.72 | -0.79 | -0.75 | -0.77 | -0.66 | -0.56 | -0.43 |
| | -1.58 | -2.03 | -1.82 | -2.00 | -1.62 | -1.75 | -0.58 | -0.17 | -1.16 | -2.05 | -3.24 | -3.16 | -3.40 | -3.27 | -2.93 | -1.65 | -0.83 | -1.02 | -0.27 | -0.92 | -0.97 | -1.90 | -1.95 | -1.96 |
| ONONDAGA___COGEN 23986 | 32.04 | 30.20 | 28.79 | 27.17 | 29.58 | 30.01 | 33.55 | 35.97 | 41.30 | 40.40 | 40.85 | 36.09 | 32.95 | 32.54 | 34.84 | 44.62 | 60.40 | 65.14 | 64.95 | 62.88 | 54.81 | 44.81 | 40.97 | 37.36 |
| | 0.00 | -0.06 | -0.03 | -0.03 | 0.00 | -0.09 | -0.07 | -0.04 | -0.28 | -0.35 | -0.26 | -0.13 | -0.09 | -0.12 | -0.26 | -0.79 | -1.09 | -0.98 | -0.98 | -1.01 | -0.99 | -0.79 | -0.68 | -0.54 |
| | -1.47 | -1.89 | -1.70 | -1.87 | -1.52 | -1.63 | -0.54 | -0.16 | -1.08 | -1.91 | -3.03 | -2.95 | -3.18 | -3.05 | -2.74 | -1.54 | -0.77 | -0.95 | -0.26 | -0.86 | -0.91 | -1.77 | -1.82 | -1.83 |
| ONTARIO___LFGE 23819 | 32.91 | 31.24 | 29.79 | 28.20 | 30.47 | 31.08 | 34.28 | 36.54 | 41.78 | 41.18 | 42.23 | 37.57 | 34.53 | 34.07 | 36.12 | 44.55 | 59.22 | 64.26 | 63.75 | 62.01 | 54.00 | 44.81 | 41.21 | 37.95 |
| | 0.22 | 0.14 | 0.22 | 0.18 | 0.22 | 0.26 | 0.43 | 0.46 | -0.28 | -0.43 | -0.23 | 0.03 | 0.09 | 0.06 | -0.19 | -1.54 | -2.61 | -2.28 | -2.30 | -2.27 | -2.20 | -1.58 | -1.23 | -0.76 |
| | -2.13 | -2.73 | -2.46 | -2.70 | -2.19 | -2.35 | -0.78 | -0.23 | -1.56 | -2.76 | -4.37 | -4.26 | -4.58 | -4.41 | -3.95 | -2.22 | -1.12 | -1.37 | -0.37 | -1.24 | -1.31 | -2.56 | -2.62 | -2.64 |
| ORANGEVILLE_WT_PWR 323706 | 33.45 | 31.99 | 30.57 | 28.98 | 31.16 | 31.75 | 34.56 | 36.43 | 41.61 | 41.20 | 47.52 | 43.56 | 39.55 | 37.05 | 36.79 | 43.51 | 57.21 | 62.21 | 61.52 | 59.93 | 52.39 | 43.92 | 40.73 | 37.37 |
| | 0.18 | 0.14 | 0.33 | 0.23 | 0.31 | 0.28 | 0.50 | 0.29 | -0.93 | -1.24 | -0.84 | -0.50 | -0.33 | -0.30 | -0.71 | -3.25 | -4.98 | -4.75 | -4.66 | -4.73 | -4.17 | -3.20 | -2.43 | -2.05 |
| | -2.70 | -3.48 | -3.13 | -3.43 | -2.79 | -2.99 | -1.00 | -0.30 | -2.04 | -3.60 | -10.27 | -10.79 | -10.02 | -7.74 | -5.14 | -2.89 | -1.47 | -1.80 | -0.50 | -1.63 | -1.67 | -3.28 | -3.34 | -3.35 |
| OSWEGATCHIE___HYD 24044 | 29.80 | 27.69 | 26.38 | 24.66 | 27.33 | 27.78 | 32.11 | 34.63 | 39.53 | 38.26 | 37.40 | 32.54 | 29.14 | 28.92 | 31.52 | 43.43 | 60.30 | 64.32 | 64.83 | 62.28 | 54.12 | 43.53 | 39.71 | 35.97 |
| | -0.76 | -0.68 | -0.73 | -0.66 | -0.73 | -0.68 | -0.96 | -1.22 | -0.97 | -0.58 | -0.68 | -0.73 | -0.72 | -0.68 | -0.84 | -0.44 | -0.42 | -0.85 | -0.86 | -0.75 | -0.77 | -0.30 | -0.12 | -0.11 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OSWEGO___5 23606 | 31.05 | 29.17 | 27.83 | 26.19 | 28.62 | 29.02 | 32.74 | 35.14 | 40.15 | 39.10 | 39.21 | 34.54 | 31.41 | 31.04 | 33.44 | 43.41 | 59.03 | 63.57 | 63.56 | 61.45 | 53.57 | 43.54 | 39.79 | 36.21 |
| | -0.58 | -0.57 | -0.52 | -0.48 | -0.53 | -0.63 | -0.73 | -0.82 | -1.13 | -1.13 | -1.07 | -0.87 | -0.75 | -0.77 | -0.91 | -1.58 | -2.25 | -2.28 | -2.30 | -2.21 | -1.97 | -1.58 | -1.35 | -1.19 |
| | -1.06 | -1.37 | -1.23 | -1.35 | -1.10 | -1.18 | -0.39 | -0.12 | -0.78 | -1.38 | -2.19 | -2.14 | -2.30 | -2.21 | -1.98 | -1.11 | -0.56 | -0.69 | -0.18 | -0.62 | -0.66 | -1.28 | -1.31 | -1.32 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| OSWEGO___6 23613 | 31.05 -0.58 -1.06 | 29.17 -0.57 -1.37 | 27.83 -0.52 -1.23 | 26.19 -0.48 -1.35 | 28.62 -0.53 -1.10 | 29.02 -0.63 -1.18 | 32.74 -0.73 -0.39 | 35.14 -0.82 -0.12 | 40.15 -1.13 -0.78 | 39.10 -1.13 -1.38 | 39.21 -1.07 -2.19 | 34.54 -0.87 -2.14 | 31.41 -0.75 -2.30 | 31.04 -0.77 -2.21 | 33.44 -0.91 -1.98 | 43.41 -1.58 -1.11 | 59.03 -2.25 -0.56 | 63.57 -2.28 -0.69 | 63.56 -2.30 -0.18 | 61.45 -2.21 -0.62 | 53.57 -1.97 -0.66 | 43.54 -1.58 -1.28 | 39.79 -1.35 -1.31 | 36.21 -1.19 -1.32 |
| OUTOKUMPU-AB___DRP 24206 | 32.60 -0.25 -2.28 | 31.10 -0.20 -2.93 | 29.78 0.03 -2.63 | 28.16 -0.05 -2.89 | 30.38 -0.03 -2.35 | 30.90 -0.09 -2.52 | 33.91 0.00 -0.84 | 35.59 -0.50 -0.25 | 40.07 -2.11 -1.68 | 39.47 -2.33 -2.96 | 42.42 -1.79 -6.12 | 38.15 -1.33 -6.21 | 35.03 -1.02 -6.19 | 34.01 -0.95 -5.36 | 35.15 -1.46 -4.24 | 41.73 -4.52 -2.38 | 54.99 -6.92 -1.20 | 59.93 -6.71 -1.47 | 59.51 -6.57 -0.39 | 57.81 -6.56 -1.33 | 50.48 -5.82 -1.41 | 42.10 -4.47 -2.74 | 39.13 -3.50 -2.81 | 35.80 -3.10 -2.83 |
| OXBOW___ 24026 | 32.18 -0.64 -2.26 | 30.71 -0.57 -2.91 | 29.43 -0.30 -2.62 | 27.81 -0.38 -2.87 | 30.03 -0.37 -2.33 | 30.55 -0.43 -2.50 | 33.51 -0.40 -0.83 | 35.05 -1.04 -0.25 | 39.20 -2.92 -1.62 | 38.60 -3.11 -2.87 | 39.25 -2.59 -3.76 | 34.77 -2.03 -3.53 | 32.29 -1.64 -4.07 | 32.28 -1.57 -4.24 | 34.34 -2.14 -4.11 | 40.77 -5.40 -2.30 | 53.79 -8.08 -1.15 | 58.57 -8.02 -1.42 | 58.16 -7.88 -0.37 | 56.49 -7.82 -1.28 | 49.42 -6.86 -1.39 | 41.18 -5.35 -2.70 | 38.32 -4.30 -2.79 | 35.27 -3.61 -2.81 |
| OXY_CHEM_DSASP 323612 | 31.62 -1.19 -2.25 | 30.21 -1.05 -2.89 | 28.95 -0.76 -2.60 | 27.39 -0.79 -2.85 | 29.53 -0.84 -2.31 | 30.07 -0.88 -2.49 | 32.94 -0.96 -0.83 | 34.34 -1.76 -0.25 | 38.58 -3.48 -1.57 | 38.02 -3.61 -2.78 | 36.70 -3.12 -1.73 | 32.01 -2.50 -1.24 | 30.06 -2.06 -2.26 | 30.91 -1.98 -3.29 | 33.78 -2.59 -4.00 | 40.14 -5.97 -2.23 | 52.96 -8.87 -1.11 | 57.67 -8.86 -1.37 | 57.35 -8.67 -0.34 | 55.63 -8.63 -1.24 | 48.64 -7.63 -1.38 | 40.57 -5.92 -2.66 | 37.82 -4.78 -2.77 | 34.64 -4.22 -2.79 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 31.62 -1.19 -2.25 | 30.21 -1.05 -2.89 | 28.95 -0.76 -2.60 | 27.39 -0.79 -2.85 | 29.53 -0.84 -2.31 | 30.07 -0.88 -2.49 | 32.94 -0.96 -0.83 | 34.34 -1.76 -0.25 | 38.58 -3.48 -1.57 | 38.02 -3.61 -2.78 | 36.70 -3.12 -1.73 | 32.01 -2.50 -1.24 | 30.06 -2.06 -2.26 | 30.91 -1.98 -3.29 | 33.78 -2.59 -4.00 | 40.14 -5.97 -2.23 | 52.96 -8.87 -1.11 | 57.67 -8.86 -1.37 | 57.35 -8.67 -0.34 | 55.63 -8.63 -1.24 | 48.64 -7.63 -1.38 | 40.57 -5.92 -2.66 | 37.82 -4.78 -2.77 | 34.64 -4.22 -2.79 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 48.33 3.03 -14.73 | 49.95 2.64 -18.94 | 46.48 2.33 -17.03 | 46.37 2.36 -18.69 | 45.56 2.33 -15.17 | 47.28 2.51 -16.31 | 41.48 2.98 -5.43 | 41.14 3.69 -1.60 | 55.02 3.69 -10.83 | 61.41 3.46 -19.11 | 72.35 4.00 -30.27 | 66.69 3.89 -29.53 | 65.00 3.37 -31.77 | 63.44 3.29 -30.55 | 63.50 3.75 -27.38 | 63.54 4.30 -15.37 | 74.41 5.95 -7.74 | 81.00 6.32 -9.52 | 74.68 6.44 -2.56 | 77.76 6.11 -8.62 | 69.30 5.32 -9.09 | 65.76 4.21 -17.72 | 61.96 3.94 -18.19 | 57.71 3.36 -18.28 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 48.45 3.15 -14.73 | 50.03 2.72 -18.94 | 46.56 2.41 -17.03 | 46.42 2.41 -18.69 | 45.65 2.41 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.25 3.80 -1.60 | 55.14 3.81 -10.83 | 61.52 3.57 -19.11 | 72.51 4.15 -30.27 | 66.79 3.99 -29.53 | 65.12 3.49 -31.77 | 63.53 3.37 -30.55 | 63.59 3.85 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.26 6.58 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.52 5.54 -9.09 | 65.94 4.38 -17.72 | 62.12 4.10 -18.19 | 57.81 3.46 -18.28 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 33.50 0.46 -2.48 | 31.95 0.40 -3.18 | 30.57 0.60 -2.86 | 28.92 0.46 -3.14 | 31.17 0.56 -2.55 | 31.72 0.51 -2.74 | 34.81 0.83 -0.91 | 36.83 0.72 -0.27 | 42.07 -0.57 -2.14 | 41.63 -0.93 -3.72 | 59.31 -0.46 -21.68 | 56.96 -0.13 -23.82 | 50.02 0.03 -20.14 | 42.49 0.09 -12.80 | 37.30 -0.32 -5.26 | 43.78 -3.07 -2.98 | 57.48 -4.80 -1.56 | 62.57 -4.50 -1.89 | 61.95 -4.34 -0.61 | 60.34 -4.41 -1.73 | 52.48 -3.95 -1.55 | 43.99 -2.98 -3.14 | 40.77 -2.11 -3.06 | 37.23 -1.91 -3.07 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 48.56 2.81 -15.18 | 50.48 2.58 -19.53 | 47.03 2.36 -17.56 | 46.85 2.25 -19.27 | 46.03 2.33 -15.64 | 47.75 2.48 -16.81 | 41.65 2.98 -5.60 | 40.98 3.48 -1.66 | 55.85 4.17 -11.18 | 62.40 3.85 -19.71 | 73.38 4.08 -31.22 | 67.41 3.69 -30.45 | 65.87 3.26 -32.75 | 64.36 3.26 -31.50 | 64.09 3.50 -28.23 | 63.89 4.17 -15.85 | 74.40 5.71 -7.98 | 81.37 6.39 -9.81 | 74.75 6.44 -2.63 | 78.02 6.11 -8.88 | 69.53 5.27 -9.37 | 66.27 4.17 -18.27 | 62.31 3.74 -18.74 | 57.98 3.06 -18.84 |
| PEEKSKILL___ 23653 | 47.55 2.39 -14.60 | 49.28 2.13 -18.78 | 45.93 1.93 -16.89 | 45.68 1.82 -18.53 | 45.04 1.93 -15.04 | 46.74 2.11 -16.17 | 40.97 2.51 -5.39 | 40.56 3.12 -1.60 | 54.65 3.40 -10.75 | 60.98 3.19 -18.95 | 71.57 3.47 -30.02 | 65.75 3.19 -29.28 | 64.16 2.81 -31.50 | 62.68 2.78 -30.29 | 62.55 3.04 -27.15 | 62.66 3.55 -15.24 | 73.18 4.80 -7.67 | 79.88 5.28 -9.44 | 73.53 5.32 -2.53 | 76.61 5.04 -8.54 | 68.30 4.39 -9.01 | 64.82 3.42 -17.57 | 61.00 3.15 -18.03 | 56.86 2.67 -18.11 |
| PGE MADISON___WINDPWR 24146 | 37.99 2.84 -4.58 | 36.86 2.61 -5.89 | 34.85 2.44 -5.29 | 33.38 2.25 -5.81 | 35.33 2.55 -4.71 | 36.47 2.93 -5.07 | 38.49 3.74 -1.69 | 40.11 3.76 -0.50 | 48.16 4.29 -3.37 | 48.79 4.00 -5.94 | 51.63 3.92 -9.62 | 46.25 3.56 -9.42 | 43.11 3.20 -10.06 | 42.39 3.20 -9.59 | 43.98 3.11 -8.51 | 52.03 3.38 -4.78 | 67.86 4.74 -2.40 | 73.53 5.41 -2.96 | 71.99 5.52 -0.79 | 70.88 5.17 -2.68 | 61.94 4.23 -2.82 | 52.63 3.29 -5.51 | 48.42 2.95 -5.65 | 44.38 2.63 -5.68 |
| PIERCEFIELD___HYD 23852 | 29.13 -1.44 0.00 | 27.18 -1.19 0.00 | 25.84 -1.27 0.00 | 24.16 -1.16 0.00 | 26.77 -1.29 0.00 | 27.16 -1.31 0.00 | 31.25 -1.82 0.00 | 33.70 -2.15 0.00 | 38.60 -1.90 0.00 | 37.56 -1.28 0.00 | 36.64 -1.45 0.00 | 31.68 -1.60 0.00 | 28.37 -1.49 0.00 | 28.15 -1.45 0.00 | 30.75 -1.62 0.00 | 43.17 -0.70 0.00 | 59.99 -0.73 0.00 | 63.67 -1.50 0.00 | 64.17 -1.51 0.00 | 61.64 -1.39 0.00 | 53.68 -1.21 0.00 | 43.26 -0.57 0.00 | 39.55 -0.28 0.00 | 35.89 -0.18 0.00 |
| PINELAWN_CC_1 323563 | 49.48 4.19 -14.73 | 50.80 3.49 -18.94 | 47.29 3.14 -17.03 | 47.33 3.32 -18.69 | 46.32 3.09 -15.17 | 48.56 3.79 -16.31 | 43.00 4.50 -5.44 | 42.76 5.30 -1.61 | 56.33 4.98 -10.85 | 62.78 4.82 -19.13 | 85.72 5.45 -42.19 | 85.70 4.89 -47.54 | 83.03 4.33 -48.84 | 77.16 4.35 -43.20 | 78.86 4.73 -41.77 | 81.54 5.75 -31.93 | 103.92 7.77 -35.43 | 107.98 8.47 -34.35 | 105.46 8.53 -31.25 | 99.45 8.19 -28.23 | 92.94 7.13 -30.91 | 90.43 5.61 -40.98 | 73.72 5.14 -28.75 | 84.02 4.51 -43.43 |
| PJM_GEN_HTP_PROXY 323702 | 48.07 2.78 -14.72 | 49.75 2.44 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.19 2.42 -16.30 | 41.42 2.91 -5.43 | 41.15 3.69 -1.61 | 55.23 3.89 -10.84 | 63.90 3.65 -21.40 | 70.15 4.08 -27.98 | 66.52 3.73 -29.53 | 64.91 3.28 -31.76 | 63.41 3.26 -30.54 | 63.30 3.56 -27.37 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.41 6.17 -2.55 | 77.50 5.86 -8.61 | 69.14 5.16 -9.09 | 65.54 3.99 -17.72 | 61.71 3.70 -18.18 | 57.52 3.18 -18.27 |
| PJM_GEN_KEystone 24065 | 40.00 0.92 -8.52 | 40.11 0.79 -10.95 | 37.78 0.81 -9.85 | 36.89 0.76 -10.81 | 37.62 0.78 -8.77 | 38.78 0.88 -9.43 | 37.37 1.16 -3.14 | 38.07 1.29 -0.93 | 47.56 0.77 -6.29 | 52.65 0.43 -13.38 | 55.31 0.80 -16.42 | 52.58 0.86 -18.44 | 50.14 0.83 -19.44 | 48.68 0.86 -18.22 | 48.99 0.74 -15.88 | 52.35 -0.44 -8.91 | 64.30 -0.91 -4.49 | 70.04 -0.65 -5.52 | 66.58 -0.59 -1.49 | 67.40 -0.63 -5.00 | 59.49 -0.66 -5.26 | 53.65 -0.44 -10.26 | 50.26 -0.08 -10.51 | 46.60 -0.04 -10.57 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PJM_GEN_NEPTUNE_PROXY 323594 | 48.90 3.61 -14.73 | 50.26 2.95 -18.94 | 46.78 2.63 -17.03 | 46.85 2.84 -18.69 | 45.84 2.61 -15.17 | 47.99 3.22 -16.31 | 42.34 3.83 -5.43 | 42.05 4.59 -1.61 | 55.60 4.25 -10.84 | 64.33 4.08 -21.41 | 71.65 4.80 -28.76 | 69.37 4.32 -31.78 | 67.33 3.82 -33.65 | 64.36 3.82 -30.94 | 64.69 4.14 -28.18 | 65.90 5.00 -17.03 | 88.07 6.74 -20.61 | 93.51 7.30 -21.05 | 88.90 7.35 -15.87 | 88.13 7.06 -18.04 | 73.44 6.15 -12.41 | 69.77 4.82 -21.12 | 62.28 4.50 -17.95 | 63.93 3.90 -23.96 |
| PJM_GEN_VFT_PROXY 323633 | 47.98 2.69 -14.73 | 49.66 2.35 -18.94 | 46.26 2.12 -17.03 | 46.01 2.00 -18.69 | 45.34 2.11 -15.17 | 47.11 2.33 -16.30 | 41.35 2.84 -5.43 | 41.12 3.66 -1.61 | 55.15 3.81 -10.84 | 63.82 3.57 -21.41 | 70.07 4.00 -27.99 | 66.46 3.66 -29.53 | 64.79 3.16 -31.77 | 63.29 3.14 -30.55 | 63.24 3.50 -27.38 | 63.27 4.03 -15.37 | 73.80 5.34 -7.73 | 80.42 5.74 -9.52 | 74.02 5.78 -2.55 | 77.19 5.55 -8.61 | 68.86 4.88 -9.09 | 65.36 3.81 -17.72 | 61.59 3.59 -18.18 | 57.37 3.03 -18.27 |
| PLEASANTVLY___LBMP 24000 | 48.39 2.45 -15.38 | 50.36 2.21 -19.78 | 46.94 2.03 -17.79 | 46.77 1.92 -19.52 | 45.95 2.05 -15.85 | 47.72 2.22 -17.03 | 41.39 2.65 -5.68 | 40.72 3.19 -1.68 | 55.26 3.44 -11.32 | 62.03 3.22 -19.97 | 73.14 3.43 -31.62 | 67.21 3.09 -30.84 | 65.78 2.75 -33.18 | 64.26 2.75 -31.91 | 63.94 2.98 -28.59 | 63.47 3.55 -16.05 | 73.66 4.86 -8.08 | 80.38 5.28 -9.94 | 73.67 5.32 -2.67 | 77.13 5.10 -8.99 | 68.78 4.39 -9.49 | 65.80 3.46 -18.51 | 62.00 3.19 -18.99 | 57.90 2.74 -19.08 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 48.05 2.69 -14.80 | 49.78 2.38 -19.03 | 46.40 2.17 -17.11 | 46.15 2.05 -18.78 | 45.49 2.19 -15.24 | 47.24 2.39 -16.38 | 41.38 2.84 -5.46 | 40.98 3.52 -1.62 | 55.16 3.77 -10.89 | 61.59 3.53 -19.21 | 72.39 3.89 -30.42 | 66.47 3.53 -29.67 | 64.88 3.11 -31.92 | 63.41 3.11 -30.69 | 63.24 3.37 -27.51 | 63.30 3.99 -15.44 | 73.89 5.40 -7.77 | 80.66 5.93 -9.56 | 74.16 5.91 -2.57 | 77.36 5.68 -8.65 | 68.97 4.94 -9.13 | 65.50 3.86 -17.81 | 61.64 3.54 -18.27 | 57.46 3.03 -18.36 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 48.85 2.63 -15.66 | 50.89 2.38 -20.14 | 47.45 2.22 -18.11 | 47.29 2.10 -19.87 | 46.44 2.25 -16.13 | 48.25 2.45 -17.34 | 41.72 2.88 -5.78 | 41.03 3.48 -1.71 | 55.91 3.89 -11.53 | 62.74 3.57 -20.32 | 74.01 3.73 -32.19 | 68.06 3.40 -31.39 | 66.65 3.01 -33.77 | 65.07 2.99 -32.48 | 64.71 3.24 -29.11 | 64.11 3.90 -16.34 | 74.29 5.34 -8.22 | 81.15 5.87 -10.12 | 74.31 5.91 -2.72 | 77.79 5.61 -9.15 | 69.44 4.88 -9.66 | 66.48 3.81 -18.84 | 62.62 3.46 -19.33 | 58.46 2.96 -19.42 |
| POLETTI_____ 23519 | 48.07 2.78 -14.73 | 49.75 2.44 -18.94 | 46.34 2.20 -17.03 | 46.11 2.10 -18.69 | 45.42 2.19 -15.17 | 47.19 2.42 -16.30 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| PORT_JEFF_3 23555 | 50.15 4.86 -14.73 | 51.42 4.11 -18.94 | 47.86 3.71 -17.03 | 47.89 3.87 -18.69 | 46.88 3.65 -15.17 | 49.21 4.44 -16.31 | 43.76 5.26 -5.43 | 43.55 6.09 -1.61 | 56.90 5.55 -10.85 | 63.37 5.40 -19.13 | 84.52 5.94 -40.49 | 84.83 5.36 -46.20 | 81.84 4.75 -47.23 | 75.19 4.74 -40.85 | 76.93 5.18 -39.38 | 80.35 6.32 -30.16 | 104.68 8.62 -35.34 | 108.79 9.32 -34.31 | 106.31 9.39 -31.24 | 99.24 9.01 -27.20 | 92.82 7.85 -30.08 | 90.06 6.14 -40.10 | 71.59 5.69 -26.07 | 86.37 5.23 -45.07 |
| PORT_JEFF_4 23616 | 50.15 4.86 -14.73 | 51.42 4.11 -18.94 | 47.86 3.71 -17.03 | 47.89 3.87 -18.69 | 46.88 3.65 -15.17 | 49.21 4.44 -16.31 | 43.76 5.26 -5.43 | 43.55 6.09 -1.61 | 56.90 5.55 -10.85 | 63.37 5.40 -19.13 | 84.52 5.94 -40.49 | 84.83 5.36 -46.20 | 81.84 4.75 -47.23 | 75.19 4.74 -40.85 | 76.93 5.18 -39.38 | 80.35 6.32 -30.16 | 104.68 8.62 -35.34 | 108.79 9.32 -34.31 | 106.31 9.39 -31.24 | 99.24 9.01 -27.20 | 92.82 7.85 -30.08 | 90.06 6.14 -40.10 | 71.59 5.69 -26.07 | 86.37 5.23 -45.07 |
| PORT_JEFF_IC 23713 | 50.24 4.95 -14.73 | 51.48 4.17 -18.94 | 47.92 3.77 -17.03 | 47.94 3.93 -18.69 | 46.97 3.73 -15.17 | 49.30 4.53 -16.31 | 43.86 5.36 -5.43 | 43.66 6.20 -1.61 | 57.02 5.67 -10.85 | 63.52 5.55 -19.13 | 84.71 6.09 -40.53 | 84.98 5.49 -46.22 | 81.99 4.87 -47.27 | 75.36 4.86 -40.90 | 77.11 5.31 -39.44 | 80.56 6.49 -30.20 | 104.91 8.86 -35.33 | 109.04 9.58 -34.29 | 106.62 9.72 -31.22 | 99.52 9.27 -27.22 | 93.05 8.07 -30.09 | 90.25 6.31 -40.10 | 71.78 5.81 -26.14 | 86.41 5.34 -45.00 |
| PPL PILGRIM_ST_GT1 24216 | 49.94 4.64 -14.73 | 51.23 3.92 -18.94 | 47.67 3.52 -17.03 | 47.68 3.67 -18.69 | 46.68 3.45 -15.17 | 48.99 4.21 -16.31 | 43.50 4.99 -5.43 | 43.30 5.85 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.62 5.83 -40.71 | 84.88 5.26 -46.35 | 81.94 4.66 -47.43 | 75.40 4.65 -41.15 | 77.10 5.05 -39.69 | 80.43 6.19 -30.37 | 104.35 8.32 -35.32 | 108.50 9.06 -34.28 | 106.01 9.13 -31.20 | 99.11 8.76 -27.32 | 92.68 7.63 -30.16 | 90.01 6.01 -40.18 | 71.79 5.53 -26.43 | 85.77 4.91 -44.79 |
| PPL PILGRIM_ST_GT2 24217 | 49.94 4.64 -14.73 | 51.23 3.92 -18.94 | 47.67 3.52 -17.03 | 47.68 3.67 -18.69 | 46.68 3.45 -15.17 | 48.99 4.21 -16.31 | 43.50 4.99 -5.43 | 43.30 5.85 -1.61 | 56.82 5.47 -10.85 | 63.25 5.28 -19.13 | 84.62 5.83 -40.71 | 84.88 5.26 -46.35 | 81.94 4.66 -47.43 | 75.40 4.65 -41.15 | 77.10 5.05 -39.69 | 80.43 6.19 -30.37 | 104.35 8.32 -35.32 | 108.50 9.06 -34.28 | 106.01 9.13 -31.20 | 99.11 8.76 -27.32 | 92.68 7.63 -30.16 | 90.01 6.01 -40.18 | 71.79 5.53 -26.43 | 85.77 4.91 -44.79 |
| PPL_SHRM_GT3 24213 | 50.49 5.20 -14.73 | 51.71 4.40 -18.94 | 48.13 3.99 -17.03 | 48.14 4.13 -18.69 | 47.16 3.93 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.95 6.49 -1.61 | 57.18 5.83 -10.85 | 63.68 5.71 -19.13 | 84.81 6.21 -40.51 | 85.04 5.56 -46.21 | 82.03 4.93 -47.25 | 75.39 4.92 -40.87 | 77.18 5.40 -39.41 | 80.67 6.63 -30.17 | 105.16 9.10 -35.34 | 109.37 9.90 -34.30 | 106.89 9.98 -31.23 | 99.76 9.52 -27.21 | 93.27 8.29 -30.09 | 90.42 6.49 -40.10 | 71.90 5.97 -26.10 | 86.74 5.63 -45.04 |
| PPL_SHRM_GT4 24214 | 50.49 5.20 -14.73 | 51.71 4.40 -18.94 | 48.13 3.99 -17.03 | 48.14 4.13 -18.69 | 47.16 3.93 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.95 6.49 -1.61 | 57.18 5.83 -10.85 | 63.68 5.71 -19.13 | 84.81 6.21 -40.51 | 85.04 5.56 -46.21 | 82.03 4.93 -47.25 | 75.39 4.92 -40.87 | 77.18 5.40 -39.41 | 80.67 6.63 -30.17 | 105.16 9.10 -35.34 | 109.37 9.90 -34.30 | 106.89 9.98 -31.23 | 99.76 9.52 -27.21 | 93.27 8.29 -30.09 | 90.42 6.49 -40.10 | 71.90 5.97 -26.10 | 86.74 5.63 -45.04 |
| PROJECT___ORANGE 1 24174 | 31.74 -0.12 -1.30 | 29.87 -0.17 -1.67 | 28.48 -0.13 -1.50 | 26.84 -0.13 -1.65 | 29.29 -0.11 -1.34 | 29.71 -0.20 -1.44 | 33.35 -0.20 -0.48 | 35.81 -0.18 -0.14 | 41.01 -0.44 -0.96 | 39.98 -0.54 -1.68 | 40.34 -0.42 -2.67 | 35.61 -0.27 -2.60 | 32.42 -0.24 -2.80 | 32.03 -0.27 -2.69 | 34.39 -0.39 -2.41 | 44.26 -0.97 -1.35 | 60.01 -1.39 -0.68 | 64.70 -1.30 -0.84 | 64.59 -1.31 -0.23 | 62.53 -1.26 -0.76 | 54.48 -1.21 -0.80 | 44.43 -0.96 -1.56 | 40.59 -0.84 -1.60 | 37.00 -0.69 -1.61 |
| PROJECT___ORANGE 2 24166 | 31.74 -0.12 -1.30 | 29.87 -0.17 -1.67 | 28.48 -0.13 -1.50 | 26.84 -0.13 -1.65 | 29.29 -0.11 -1.34 | 29.71 -0.20 -1.44 | 33.35 -0.20 -0.48 | 35.81 -0.18 -0.14 | 41.01 -0.44 -0.96 | 39.98 -0.54 -1.68 | 40.34 -0.42 -2.67 | 35.61 -0.27 -2.60 | 32.42 -0.24 -2.80 | 32.03 -0.27 -2.69 | 34.39 -0.39 -2.41 | 44.26 -0.97 -1.35 | 60.01 -1.39 -0.68 | 64.70 -1.30 -0.84 | 64.59 -1.31 -0.23 | 62.53 -1.26 -0.76 | 54.48 -1.21 -0.80 | 44.43 -0.96 -1.56 | 40.59 -0.84 -1.60 | 37.00 -0.69 -1.61 |

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| PYRITES___HYD 24023 | 29.34 -1.22 0.00 | 27.35 -1.02 0.00 | 26.00 -1.11 0.00 | 24.33 -0.99 0.00 | 26.97 -1.09 0.00 | 27.41 -1.05 0.00 | 31.68 -1.39 0.00 | 34.23 -1.61 0.00 | 39.29 -1.21 0.00 | 38.18 -0.66 0.00 | 37.13 -0.95 0.00 | 32.14 -1.13 0.00 | 28.75 -1.10 0.00 | 28.57 -1.04 0.00 | 31.17 -1.20 0.00 | 43.78 -0.09 0.00 | 60.84 0.12 0.00 | 64.71 -0.45 0.00 | 65.22 -0.46 0.00 | 62.72 -0.31 0.00 | 54.56 -0.33 0.00 | 43.87 0.04 0.00 | 39.95 0.12 0.00 | 36.18 0.11 0.00 |
| RAMAPO___LBMP 323565 | 47.01 2.23 -14.22 | 48.64 1.99 -18.28 | 45.37 1.82 -16.44 | 45.06 1.70 -18.04 | 44.50 1.80 -14.65 | 46.20 1.99 -15.74 | 40.70 2.38 -5.25 | 40.38 2.97 -1.55 | 54.13 3.16 -10.47 | 60.25 2.95 -18.45 | 70.55 3.24 -29.23 | 64.74 2.96 -28.51 | 63.15 2.63 -30.67 | 61.70 2.61 -29.49 | 61.64 2.85 -26.43 | 62.00 3.29 -14.84 | 72.61 4.43 -7.47 | 79.24 4.89 -9.19 | 73.07 4.93 -2.47 | 76.01 4.66 -8.31 | 67.73 4.06 -8.78 | 64.10 3.16 -17.11 | 60.28 2.91 -17.55 | 56.16 2.45 -17.64 |
| RANKINE____ 23646 | 33.07 0.09 -2.41 | 31.53 0.06 -3.10 | 30.21 0.30 -2.79 | 28.56 0.18 -3.06 | 30.80 0.25 -2.49 | 31.34 0.20 -2.67 | 34.36 0.40 -0.89 | 36.29 0.18 -0.26 | 41.18 -1.21 -1.89 | 40.61 -1.55 -3.32 | 49.91 -1.07 -12.89 | 46.44 -0.70 -13.87 | 41.68 -0.45 -12.27 | 37.81 -0.41 -8.62 | 36.22 -0.87 -4.73 | 42.89 -3.64 -2.66 | 56.37 -5.71 -1.36 | 61.36 -5.47 -1.67 | 60.91 -5.26 -0.48 | 59.19 -5.36 -1.51 | 51.72 -4.67 -1.50 | 43.25 -3.55 -2.96 | 40.14 -2.67 -2.98 | 36.65 -2.42 -2.99 |
| RAVENSWOOD_GT2_1 24244 | 48.10 2.81 -14.73 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.23 3.89 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.74 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT2_2 24245 | 48.10 2.81 -14.73 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.23 3.89 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.74 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT2_3 24246 | 48.14 2.84 -14.73 | 49.80 2.50 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.31 | 41.48 2.98 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.52 4.15 -30.28 | 66.59 3.79 -29.53 | 64.97 3.34 -31.77 | 63.47 3.32 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.22 5.77 -7.74 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.63 5.99 -8.61 | 69.25 5.27 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.59 3.25 -18.27 |
| RAVENSWOOD_GT2_4 24247 | 48.14 2.84 -14.73 | 49.80 2.50 -18.94 | 46.42 2.28 -17.03 | 46.16 2.15 -18.69 | 45.50 2.27 -15.17 | 47.25 2.48 -16.31 | 41.48 2.98 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.52 4.15 -30.28 | 66.59 3.79 -29.53 | 64.97 3.34 -31.77 | 63.47 3.32 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.22 5.77 -7.74 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.63 5.99 -8.61 | 69.25 5.27 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.59 3.25 -18.27 |
| RAVENSWOOD_GT3_1 24248 | 48.10 2.81 -14.73 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.74 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT3_2 24249 | 48.10 2.81 -14.73 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.74 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT3_3 24250 | 48.14 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.19 2.18 -18.69 | 45.50 2.27 -15.17 | 47.28 2.51 -16.31 | 41.51 3.01 -5.43 | 41.22 3.76 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.52 4.15 -30.28 | 66.63 3.82 -29.53 | 64.97 3.34 -31.77 | 63.50 3.34 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.28 5.83 -7.74 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.69 6.05 -8.61 | 69.25 5.27 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.59 3.25 -18.27 |
| RAVENSWOOD_GT3_4 24251 | 48.14 2.84 -14.73 | 49.83 2.52 -18.94 | 46.42 2.28 -17.03 | 46.19 2.18 -18.69 | 45.50 2.27 -15.17 | 47.28 2.51 -16.31 | 41.51 3.01 -5.43 | 41.22 3.76 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.52 4.15 -30.28 | 66.63 3.82 -29.53 | 64.97 3.34 -31.77 | 63.50 3.34 -30.55 | 63.40 3.66 -27.38 | 63.54 4.30 -15.37 | 74.28 5.83 -7.74 | 80.94 6.26 -9.52 | 74.54 6.31 -2.55 | 77.69 6.05 -8.61 | 69.25 5.27 -9.09 | 65.67 4.12 -17.72 | 61.83 3.82 -18.18 | 57.59 3.25 -18.27 |
| RAVENSWOOD_GT_1 23729 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.53 2.39 -17.03 | 46.32 2.30 -18.69 | 45.62 2.38 -15.17 | 47.34 2.56 -16.31 | 41.58 3.08 -5.43 | 41.29 3.84 -1.61 | 55.31 3.97 -10.84 | 61.69 3.73 -19.12 | 72.63 4.26 -30.28 | 66.76 3.96 -29.53 | 65.12 3.49 -31.77 | 63.58 3.43 -30.55 | 63.56 3.82 -27.38 | 63.72 4.48 -15.37 | 74.53 6.07 -7.74 | 81.26 6.58 -9.52 | 74.87 6.63 -2.56 | 77.95 6.30 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.78 3.43 -18.28 |
| RAVENSWOOD_GT_10 24258 | 48.10 2.81 -14.72 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.75 3.74 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT_11 24259 | 48.10 2.81 -14.72 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.75 3.74 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT_4 24252 | 48.07 2.78 -14.72 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.15 3.69 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.44 4.08 -30.28 | 66.56 3.76 -29.53 | 64.91 3.28 -31.77 | 63.41 3.26 -30.55 | 63.33 3.59 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.40 6.17 -2.55 | 77.56 5.92 -8.60 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.74 3.74 -18.17 | 57.51 3.18 -18.26 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_5 24254 | 48.07 2.78 -14.72 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.15 3.69 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.44 4.08 -30.28 | 66.56 3.76 -29.53 | 64.91 3.28 -31.77 | 63.41 3.26 -30.55 | 63.33 3.59 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.40 6.17 -2.55 | 77.56 5.92 -8.60 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.74 3.74 -18.17 | 57.51 3.18 -18.26 |
| RAVENSWOOD_GT_6 24253 | 48.07 2.78 -14.72 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.15 3.69 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.44 4.08 -30.28 | 66.56 3.76 -29.53 | 64.91 3.28 -31.77 | 63.41 3.26 -30.55 | 63.33 3.59 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.40 6.17 -2.55 | 77.56 5.92 -8.60 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.74 3.74 -18.17 | 57.51 3.18 -18.26 |
| RAVENSWOOD_GT_7 24255 | 48.07 2.78 -14.72 | 49.77 2.47 -18.94 | 46.37 2.22 -17.03 | 46.11 2.10 -18.69 | 45.45 2.22 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.15 3.69 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.44 4.08 -30.28 | 66.56 3.76 -29.53 | 64.91 3.28 -31.77 | 63.41 3.26 -30.55 | 63.33 3.59 -27.38 | 63.45 4.21 -15.37 | 74.10 5.65 -7.73 | 80.81 6.12 -9.52 | 74.40 6.17 -2.55 | 77.56 5.92 -8.60 | 69.14 5.16 -9.09 | 65.58 4.03 -17.72 | 61.74 3.74 -18.17 | 57.51 3.18 -18.26 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 48.10 2.81 -14.72 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.75 3.74 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD_GT_9 24257 | 48.10 2.81 -14.72 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.56 3.76 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.75 3.74 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD___1 23533 | 48.30 3.00 -14.73 | 49.95 2.64 -18.94 | 46.50 2.36 -17.03 | 46.29 2.28 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.27 3.93 -10.84 | 61.69 3.73 -19.12 | 72.59 4.23 -30.28 | 66.76 3.96 -29.53 | 65.09 3.46 -31.77 | 63.58 3.43 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.53 6.07 -7.74 | 81.20 6.52 -9.52 | 74.81 6.30 -2.56 | 77.95 5.92 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 62.00 3.98 -18.19 | 57.74 3.39 -18.28 |
| RAVENSWOOD___2 23534 | 48.26 2.96 -14.73 | 49.92 2.61 -18.94 | 46.50 2.36 -17.03 | 46.29 2.28 -18.69 | 45.59 2.36 -15.17 | 47.34 2.56 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.59 4.23 -30.28 | 66.73 3.92 -29.53 | 65.09 3.46 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.47 6.01 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.89 6.24 -8.62 | 69.47 5.49 -9.09 | 65.85 4.30 -17.72 | 61.96 3.94 -18.19 | 57.74 3.39 -18.28 |
| RAVENSWOOD___3 23535 | 48.10 2.81 -14.73 | 49.80 2.50 -18.94 | 46.40 2.25 -17.03 | 46.16 2.15 -18.69 | 45.48 2.25 -15.17 | 47.25 2.48 -16.31 | 41.45 2.94 -5.43 | 41.19 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.48 4.11 -30.28 | 66.59 3.79 -29.53 | 64.94 3.31 -31.77 | 63.44 3.29 -30.55 | 63.37 3.62 -27.38 | 63.49 4.25 -15.37 | 74.16 5.71 -7.74 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.63 5.99 -8.61 | 69.20 5.22 -9.09 | 65.63 4.08 -17.72 | 61.79 3.79 -18.18 | 57.55 3.21 -18.27 |
| RAVENSWOOD___4 23820 | 48.26 2.96 -14.73 | 49.92 2.61 -18.94 | 46.50 2.36 -17.03 | 46.29 2.28 -18.69 | 45.59 2.36 -15.17 | 47.31 2.53 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.59 4.23 -30.28 | 66.73 3.92 -29.53 | 65.06 3.43 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.47 6.01 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.89 6.24 -8.62 | 69.42 5.44 -9.09 | 65.80 4.25 -17.72 | 61.96 3.94 -18.19 | 57.74 3.39 -18.28 |
| RCPL_TRUST___DRP 24196 | 48.10 2.81 -14.72 | 49.77 2.47 -18.94 | 46.39 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.18 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.11 | 72.47 4.11 -30.27 | 66.56 3.76 -29.53 | 64.94 3.31 -31.76 | 63.44 3.29 -30.54 | 63.36 3.62 -27.37 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| RENSSELAER___COGEN 23796 | 51.48 2.05 -18.87 | 54.50 1.87 -24.26 | 50.75 1.82 -21.82 | 50.94 1.67 -23.94 | 49.38 1.88 -19.44 | 51.32 1.96 -20.89 | 42.35 2.31 -6.96 | 40.02 2.11 -2.06 | 56.82 2.43 -13.89 | 65.62 2.29 -24.49 | 79.01 2.13 -38.79 | 72.96 1.86 -37.83 | 72.23 1.67 -40.70 | 70.40 1.66 -39.13 | 69.22 1.78 -35.07 | 65.84 2.28 -19.69 | 73.72 3.09 -9.91 | 80.68 3.32 -12.19 | 72.37 3.41 -3.27 | 77.27 3.21 -11.03 | 69.33 2.80 -11.65 | 68.99 2.45 -22.71 | 65.50 2.39 -23.29 | 61.68 2.20 -23.41 |
| REVERE_CPPR_DRP 24186 | 32.08 1.04 -0.47 | 29.91 0.93 -0.61 | 28.53 0.87 -0.55 | 26.71 0.79 -0.60 | 29.45 0.90 -0.49 | 30.04 1.05 -0.52 | 34.57 1.32 -0.17 | 37.23 1.33 -0.05 | 42.47 1.62 -0.35 | 40.97 1.51 -0.61 | 40.54 1.48 -0.97 | 35.55 1.33 -0.95 | 32.07 1.20 -1.02 | 31.74 1.15 -0.98 | 34.38 1.13 -0.88 | 45.64 1.27 -0.49 | 62.79 1.82 -0.25 | 67.56 2.08 -0.31 | 67.93 2.16 -0.08 | 65.26 1.96 -0.28 | 56.77 1.59 -0.29 | 45.67 1.27 -0.57 | 41.56 1.16 -0.58 | 37.63 0.97 -0.59 |
| RIVERBAY____ 323610 | 48.45 3.15 -14.73 | 50.03 2.72 -18.94 | 46.56 2.41 -17.03 | 46.42 2.41 -18.69 | 45.65 2.41 -15.17 | 47.36 2.59 -16.31 | 41.58 3.08 -5.43 | 41.25 3.80 -1.60 | 55.14 3.81 -10.83 | 61.52 3.57 -19.11 | 72.51 4.15 -30.27 | 66.79 3.99 -29.53 | 65.12 3.49 -31.77 | 63.53 3.37 -30.55 | 63.59 3.85 -27.38 | 63.72 4.48 -15.37 | 74.59 6.13 -7.74 | 81.26 6.58 -9.52 | 74.87 6.63 -2.56 | 78.01 6.36 -8.62 | 69.52 5.54 -9.09 | 65.94 4.38 -17.72 | 62.12 4.10 -18.19 | 57.81 3.46 -18.28 |
| ROCHESTER_9_IC 23652 | 31.92 -0.43 -1.78 | 30.23 -0.42 -2.29 | 28.93 -0.24 -2.06 | 27.33 -0.25 -2.26 | 29.64 -0.25 -1.83 | 30.18 -0.26 -1.97 | 33.46 -0.27 -0.66 | 35.47 -0.57 -0.19 | 40.27 -1.54 -1.31 | 39.45 -1.71 -2.31 | 40.13 -1.45 -3.49 | 35.49 -1.17 -3.38 | 32.60 -0.96 -3.69 | 32.25 -0.98 -3.62 | 34.35 -1.33 -3.31 | 42.57 -3.16 -1.86 | 56.98 -4.67 -0.94 | 61.95 -4.37 -1.15 | 61.65 -4.34 -0.31 | 59.78 -4.29 -1.04 | 52.15 -3.84 -1.10 | 42.90 -3.07 -2.14 | 39.55 -2.47 -2.20 | 36.52 -1.77 -2.21 |
| ROSETON___1 23587 | 47.72 2.32 -14.83 | 49.54 2.10 -19.08 | 46.20 1.93 -17.16 | 45.97 1.82 -18.83 | 45.28 1.93 -15.28 | 47.00 2.11 -16.42 | 41.06 2.51 -5.47 | 40.48 3.01 -1.62 | 54.70 3.28 -10.92 | 61.17 3.07 -19.26 | 71.86 3.28 -30.50 | 65.98 2.96 -29.74 | 64.49 2.63 -32.00 | 63.01 2.63 -30.77 | 62.79 2.85 -27.58 | 62.73 3.38 -15.48 | 73.07 4.56 -7.79 | 79.77 5.02 -9.59 | 73.31 5.06 -2.57 | 76.49 4.79 -8.67 | 68.22 4.17 -9.16 | 64.97 3.29 -17.85 | 61.13 2.99 -18.31 | 57.04 2.56 -18.40 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ROSETON___2 23588 | 47.72 2.32 -14.83 | 49.54 2.10 -19.08 | 46.20 1.93 -17.16 | 45.97 1.82 -18.83 | 45.28 1.93 -15.28 | 47.00 2.11 -16.42 | 41.06 2.51 -5.47 | 40.48 3.01 -1.62 | 54.70 3.28 -10.92 | 61.17 3.07 -19.26 | 71.86 3.28 -30.50 | 65.98 2.96 -29.74 | 64.49 2.63 -32.00 | 63.01 2.63 -30.77 | 62.79 2.85 -27.58 | 62.73 3.38 -15.48 | 73.07 4.56 -7.79 | 79.77 5.02 -9.59 | 73.31 5.06 -2.57 | 76.49 4.79 -8.67 | 68.22 4.17 -9.16 | 64.97 3.29 -17.85 | 61.13 2.99 -18.31 | 57.04 2.56 -18.40 |
| RUSSELL___1 23602 | 32.10 -0.25 -1.78 | 30.40 -0.26 -2.29 | 29.07 -0.11 -2.06 | 27.46 -0.13 -2.26 | 29.81 -0.08 -1.84 | 30.33 -0.11 -1.97 | 33.66 -0.07 -0.66 | 35.68 -0.36 -0.19 | 40.51 -1.30 -1.31 | 39.64 -1.52 -2.31 | 40.36 -1.22 -3.50 | 35.69 -0.97 -3.39 | 32.78 -0.78 -3.70 | 32.43 -0.80 -3.62 | 34.54 -1.13 -3.31 | 42.79 -2.94 -1.86 | 57.28 -4.37 -0.94 | 62.41 -3.91 -1.15 | 62.11 -3.88 -0.31 | 60.17 -3.91 -1.04 | 52.48 -3.51 -1.10 | 43.13 -2.85 -2.14 | 39.76 -2.27 -2.20 | 36.73 -1.55 -2.21 |
| RUSSELL___2 23532 | 32.10 -0.25 -1.78 | 30.40 -0.26 -2.29 | 29.07 -0.11 -2.06 | 27.46 -0.13 -2.26 | 29.81 -0.08 -1.84 | 30.33 -0.11 -1.97 | 33.66 -0.07 -0.66 | 35.68 -0.36 -0.19 | 40.51 -1.30 -1.31 | 39.64 -1.52 -2.31 | 40.36 -1.22 -3.50 | 35.69 -0.97 -3.39 | 32.78 -0.78 -3.70 | 32.43 -0.80 -3.62 | 34.54 -1.13 -3.31 | 42.79 -2.94 -1.86 | 57.28 -4.37 -0.94 | 62.41 -3.91 -1.15 | 62.11 -3.88 -0.31 | 60.17 -3.91 -1.04 | 52.48 -3.51 -1.10 | 43.13 -2.85 -2.14 | 39.76 -2.27 -2.20 | 36.73 -1.55 -2.21 |
| RUSSELL___3 23549 | 32.10 -0.25 -1.78 | 30.40 -0.26 -2.29 | 29.07 -0.11 -2.06 | 27.46 -0.13 -2.26 | 29.81 -0.08 -1.84 | 30.33 -0.11 -1.97 | 33.66 -0.07 -0.66 | 35.68 -0.36 -0.19 | 40.51 -1.30 -1.31 | 39.64 -1.52 -2.31 | 40.36 -1.22 -3.50 | 35.69 -0.97 -3.39 | 32.78 -0.78 -3.70 | 32.43 -0.80 -3.62 | 34.54 -1.13 -3.31 | 42.79 -2.94 -1.86 | 57.28 -4.37 -0.94 | 62.41 -3.91 -1.15 | 62.11 -3.88 -0.31 | 60.17 -3.91 -1.04 | 52.48 -3.51 -1.10 | 43.13 -2.85 -2.14 | 39.76 -2.27 -2.20 | 36.73 -1.55 -2.21 |
| RUSSELL___4 23556 | 32.10 -0.25 -1.78 | 30.40 -0.26 -2.29 | 29.07 -0.11 -2.06 | 27.46 -0.13 -2.26 | 29.81 -0.08 -1.84 | 30.33 -0.11 -1.97 | 33.66 -0.07 -0.66 | 35.68 -0.36 -0.19 | 40.51 -1.30 -1.31 | 39.64 -1.52 -2.31 | 40.36 -1.22 -3.50 | 35.69 -0.97 -3.39 | 32.78 -0.78 -3.70 | 32.43 -0.80 -3.62 | 34.54 -1.13 -3.31 | 42.79 -2.94 -1.86 | 57.28 -4.37 -0.94 | 62.41 -3.91 -1.15 | 62.11 -3.88 -0.31 | 60.17 -3.91 -1.04 | 52.48 -3.51 -1.10 | 43.13 -2.85 -2.14 | 39.76 -2.27 -2.20 | 36.73 -1.55 -2.21 |
| RUSSELL___STATION 23914 | 32.10 -0.25 -1.78 | 30.40 -0.26 -2.29 | 29.07 -0.11 -2.06 | 27.46 -0.13 -2.26 | 29.81 -0.08 -1.84 | 30.33 -0.11 -1.97 | 33.66 -0.07 -0.66 | 35.68 -0.36 -0.19 | 40.51 -1.30 -1.31 | 39.64 -1.52 -2.31 | 40.36 -1.22 -3.50 | 35.69 -0.97 -3.39 | 32.78 -0.78 -3.70 | 32.43 -0.80 -3.62 | 34.54 -1.13 -3.31 | 42.79 -2.94 -1.86 | 57.28 -4.37 -0.94 | 62.41 -3.91 -1.15 | 62.11 -3.88 -0.31 | 60.17 -3.91 -1.04 | 52.48 -3.51 -1.10 | 43.13 -2.85 -2.14 | 39.76 -2.27 -2.20 | 36.73 -1.55 -2.21 |
| S SALMON___HYD 24043 | 31.37 -0.18 -0.99 | 29.41 -0.23 -1.27 | 28.04 -0.22 -1.15 | 26.38 -0.20 -1.26 | 28.86 -0.23 -1.02 | 29.33 -0.23 -1.10 | 33.14 -0.30 -0.37 | 35.53 -0.43 -0.11 | 40.70 -0.53 -0.73 | 39.59 -0.54 -1.29 | 39.63 -0.50 -2.04 | 34.96 -0.30 -1.99 | 31.79 -0.21 -2.14 | 31.42 -0.24 -2.05 | 33.82 -0.39 -1.84 | 44.12 -0.79 -1.03 | 60.08 -1.16 -0.52 | 64.57 -1.24 -0.64 | 64.60 -1.25 -0.17 | 62.35 -1.26 -0.58 | 54.29 -1.21 -0.61 | 44.19 -0.83 -1.19 | 40.41 -0.64 -1.22 | 36.72 -0.58 -1.23 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 32.42 -0.46 -2.32 | 30.95 -0.40 -2.98 | 29.63 -0.16 -2.68 | 28.03 -0.23 -2.94 | 30.22 -0.23 -2.39 | 30.77 -0.26 -2.56 | 33.76 -0.16 -0.85 | 35.53 -0.57 -0.25 | 40.19 -2.11 -1.80 | 39.60 -2.41 -3.16 | 50.37 -1.90 -14.19 | 47.23 -1.43 -15.39 | 42.10 -1.13 -13.37 | 37.59 -1.06 -9.05 | 35.32 -1.55 -4.51 | 41.89 -4.52 -2.54 | 55.15 -6.86 -1.30 | 60.04 -6.71 -1.59 | 59.57 -6.57 -0.46 | 57.85 -6.62 -1.44 | 50.56 -5.76 -1.44 | 42.24 -4.43 -2.84 | 39.26 -3.43 -2.86 | 35.88 -3.07 -2.87 |
| SELKIRK___I 23801 | 51.24 1.86 -18.81 | 54.29 1.73 -24.19 | 50.55 1.68 -21.75 | 50.77 1.57 -23.87 | 49.18 1.74 -19.38 | 51.12 1.82 -20.83 | 42.16 2.15 -6.94 | 39.98 2.08 -2.06 | 56.70 2.35 -13.85 | 65.43 2.17 -24.42 | 78.85 2.09 -38.67 | 72.85 1.86 -37.72 | 72.11 1.67 -40.58 | 70.28 1.66 -39.02 | 69.11 1.78 -34.97 | 65.74 2.24 -19.63 | 73.57 2.97 -9.88 | 80.58 3.26 -12.16 | 72.29 3.35 -3.26 | 77.18 3.15 -11.00 | 69.24 2.74 -11.61 | 68.79 2.32 -22.64 | 65.28 2.23 -23.22 | 61.43 2.02 -23.34 |
| SELKIRK___II 23799 | 51.24 1.86 -18.81 | 54.29 1.73 -24.19 | 50.55 1.68 -21.75 | 50.76 1.57 -23.87 | 49.18 1.74 -19.38 | 51.12 1.82 -20.83 | 42.16 2.15 -6.94 | 39.98 2.08 -2.06 | 56.70 2.35 -13.85 | 65.43 2.17 -24.42 | 78.85 2.09 -38.67 | 72.85 1.86 -37.72 | 72.10 1.67 -40.57 | 70.28 1.66 -39.02 | 69.11 1.78 -34.97 | 65.74 2.24 -19.63 | 73.57 2.97 -9.88 | 80.58 3.26 -12.16 | 72.23 3.28 -3.26 | 77.18 3.15 -10.99 | 69.24 2.74 -11.61 | 68.79 2.32 -22.64 | 65.27 2.23 -23.22 | 61.43 2.02 -23.33 |
| SENECA OSWGO___HYD 24041 | 31.33 -0.40 -1.16 | 29.43 -0.42 -1.49 | 28.08 -0.38 -1.34 | 26.44 -0.35 -1.47 | 28.86 -0.39 -1.19 | 29.27 -0.48 -1.28 | 32.94 -0.56 -0.43 | 35.40 -0.57 -0.13 | 40.50 -0.85 -0.85 | 39.46 -0.89 -1.51 | 39.67 -0.80 -2.38 | 35.00 -0.60 -2.33 | 31.82 -0.54 -2.50 | 31.45 -0.56 -2.41 | 33.81 -0.71 -2.16 | 43.77 -1.31 -1.21 | 59.51 -1.82 -0.61 | 64.09 -1.82 -0.75 | 64.04 -1.84 -0.20 | 61.95 -1.76 -0.68 | 53.96 -1.65 -0.72 | 43.91 -1.31 -1.40 | 40.10 -1.16 -1.43 | 36.54 -0.97 -1.44 |
| SENECA___ENERGY 23797 | 32.09 -0.37 -1.89 | 30.42 -0.37 -2.43 | 29.00 -0.30 -2.18 | 27.41 -0.30 -2.39 | 29.70 -0.31 -1.94 | 30.24 -0.31 -2.09 | 33.47 -0.30 -0.70 | 35.70 -0.36 -0.21 | 40.96 -0.93 -1.39 | 40.25 -1.05 -2.45 | 41.09 -0.87 -3.88 | 36.46 -0.60 -3.78 | 33.42 -0.51 -4.07 | 32.99 -0.53 -3.91 | 35.10 -0.78 -3.51 | 43.96 -1.89 -1.97 | 58.86 -2.85 -0.99 | 63.65 -2.73 -1.22 | 63.25 -2.76 -0.33 | 61.43 -2.71 -1.10 | 53.53 -2.52 -1.16 | 44.17 -1.93 -2.27 | 40.52 -1.63 -2.33 | 37.15 -1.26 -2.34 |
| SHOEMAKER___GT 23640 | 46.08 1.99 -13.53 | 47.56 1.79 -17.41 | 44.42 1.65 -15.65 | 44.07 1.57 -17.18 | 43.66 1.66 -13.94 | 45.27 1.82 -14.98 | 40.21 2.15 -4.99 | 39.98 2.65 -1.48 | 53.38 2.92 -9.96 | 59.05 2.64 -17.57 | 68.77 2.86 -27.82 | 63.04 2.63 -27.14 | 61.38 2.33 -29.19 | 59.99 2.31 -28.07 | 60.02 2.49 -25.16 | 60.89 2.89 -14.12 | 71.77 3.94 -7.11 | 78.21 4.30 -8.75 | 72.36 4.33 -2.35 | 75.04 4.09 -7.91 | 66.81 3.57 -8.35 | 62.93 2.81 -16.29 | 59.12 2.59 -16.71 | 55.03 2.16 -16.79 |
| SHOREHAM_IC_1 23715 | 50.49 5.20 -14.73 | 51.71 4.40 -18.94 | 48.13 3.99 -17.03 | 48.14 4.13 -18.69 | 47.16 3.93 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.95 6.49 -1.61 | 57.18 5.83 -10.85 | 63.68 5.71 -19.13 | 84.81 6.21 -40.51 | 85.04 5.56 -46.21 | 82.03 4.93 -47.25 | 75.39 4.92 -40.87 | 77.18 5.40 -39.41 | 80.67 6.63 -30.17 | 105.16 9.10 -35.34 | 109.37 9.90 -34.30 | 106.89 9.98 -31.23 | 99.76 9.52 -27.21 | 93.27 8.29 -30.09 | 90.42 6.49 -40.10 | 71.90 5.97 -26.10 | 86.74 5.63 -45.04 |
| SHOREHAM_IC_2 23716 | 50.49 5.20 -14.73 | 51.71 4.40 -18.94 | 48.13 3.99 -17.03 | 48.14 4.13 -18.69 | 47.16 3.93 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.95 6.49 -1.61 | 57.18 5.83 -10.85 | 63.68 5.71 -19.13 | 84.81 6.21 -40.51 | 85.04 5.56 -46.21 | 82.03 4.93 -47.25 | 75.39 4.92 -40.87 | 77.18 5.40 -39.41 | 80.67 6.63 -30.17 | 105.16 9.10 -35.34 | 109.37 9.90 -34.30 | 106.89 9.98 -31.23 | 99.76 9.52 -27.21 | 93.27 8.29 -30.09 | 90.42 6.49 -40.10 | 71.90 5.97 -26.10 | 86.74 5.63 -45.04 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| SISSONVILLE____ 23735 | 29.13 -1.44 0.00 | 27.18 -1.19 0.00 | 25.84 -1.27 0.00 | 24.16 -1.16 0.00 | 26.77 -1.29 0.00 | 27.16 -1.31 0.00 | 31.25 -1.82 0.00 | 33.70 -2.15 0.00 | 38.60 -1.90 0.00 | 37.56 -1.28 0.00 | 36.64 -1.45 0.00 | 31.68 -1.60 0.00 | 28.37 -1.49 0.00 | 28.15 -1.45 0.00 | 30.75 -1.62 0.00 | 43.17 -0.70 0.00 | 59.99 -0.73 0.00 | 63.67 -1.50 0.00 | 64.17 -1.51 0.00 | 61.64 -1.39 0.00 | 53.68 -1.21 0.00 | 43.26 -0.57 0.00 | 39.55 -0.28 0.00 | 35.89 -0.18 0.00 |
| SITHE_IND_GS1 24169 | 30.71 -0.79 -0.93 | 28.77 -0.79 -1.20 | 27.46 -0.73 -1.08 | 25.83 -0.68 -1.19 | 28.27 -0.76 -0.96 | 28.62 -0.88 -1.03 | 32.36 -1.06 -0.34 | 34.77 -1.18 -0.10 | 39.69 -1.50 -0.69 | 38.54 -1.52 -1.21 | 38.56 -1.45 -1.92 | 33.95 -1.20 -1.87 | 30.83 -1.05 -2.02 | 30.48 -1.06 -1.94 | 32.87 -1.23 -1.74 | 42.87 -1.97 -0.97 | 58.42 -2.79 -0.49 | 62.90 -2.87 -0.60 | 62.95 -2.89 -0.16 | 60.81 -2.77 -0.55 | 53.00 -2.47 -0.58 | 42.98 -1.97 -1.12 | 39.27 -1.71 -1.15 | 35.72 -1.51 -1.16 |
| SITHE_IND_GS2 24170 | 30.71 -0.79 -0.93 | 28.77 -0.79 -1.20 | 27.46 -0.73 -1.08 | 25.83 -0.68 -1.19 | 28.27 -0.76 -0.96 | 28.62 -0.88 -1.03 | 32.36 -1.06 -0.34 | 34.77 -1.18 -0.10 | 39.69 -1.50 -0.69 | 38.54 -1.52 -1.21 | 38.56 -1.45 -1.92 | 33.95 -1.20 -1.87 | 30.83 -1.05 -2.02 | 30.48 -1.06 -1.94 | 32.87 -1.23 -1.74 | 42.87 -1.97 -0.97 | 58.42 -2.79 -0.49 | 62.90 -2.87 -0.60 | 62.95 -2.89 -0.16 | 60.81 -2.77 -0.55 | 53.00 -2.47 -0.58 | 42.98 -1.97 -1.12 | 39.27 -1.71 -1.15 | 35.72 -1.51 -1.16 |
| SITHE_IND_GS3 24171 | 30.71 -0.79 -0.93 | 28.77 -0.79 -1.20 | 27.46 -0.73 -1.08 | 25.83 -0.68 -1.19 | 28.27 -0.76 -0.96 | 28.62 -0.88 -1.03 | 32.36 -1.06 -0.34 | 34.77 -1.18 -0.10 | 39.69 -1.50 -0.69 | 38.54 -1.52 -1.21 | 38.56 -1.45 -1.92 | 33.95 -1.20 -1.87 | 30.83 -1.05 -2.02 | 30.48 -1.06 -1.94 | 32.87 -1.23 -1.74 | 42.87 -1.97 -0.97 | 58.42 -2.79 -0.49 | 62.90 -2.87 -0.60 | 62.95 -2.89 -0.16 | 60.81 -2.77 -0.55 | 53.00 -2.47 -0.58 | 42.98 -1.97 -1.12 | 39.27 -1.71 -1.15 | 35.72 -1.51 -1.16 |
| SITHE_IND_GS4 24172 | 30.71 -0.79 -0.93 | 28.77 -0.79 -1.20 | 27.46 -0.73 -1.08 | 25.83 -0.68 -1.19 | 28.27 -0.76 -0.96 | 28.62 -0.88 -1.03 | 32.36 -1.06 -0.34 | 34.77 -1.18 -0.10 | 39.69 -1.50 -0.69 | 38.54 -1.52 -1.21 | 38.56 -1.45 -1.92 | 33.95 -1.20 -1.87 | 30.83 -1.05 -2.02 | 30.48 -1.06 -1.94 | 32.87 -1.23 -1.74 | 42.87 -1.97 -0.97 | 58.42 -2.79 -0.49 | 62.90 -2.87 -0.60 | 62.95 -2.89 -0.16 | 60.81 -2.77 -0.55 | 53.00 -2.47 -0.58 | 42.98 -1.97 -1.12 | 39.27 -1.71 -1.15 | 35.72 -1.51 -1.16 |
| SITHE____BATAVIA 24024 | 32.75 0.18 -2.00 | 31.11 0.17 -2.57 | 29.77 0.35 -2.31 | 28.13 0.28 -2.53 | 30.48 0.36 -2.06 | 31.05 0.37 -2.21 | 34.33 0.53 -0.74 | 36.07 0.00 -0.22 | 40.69 -1.26 -1.44 | 39.88 -1.52 -2.55 | 40.11 -1.14 -3.17 | 35.39 -0.83 -2.94 | 32.70 -0.63 -3.47 | 32.68 -0.62 -3.70 | 34.95 -1.07 -3.65 | 42.46 -3.47 -2.05 | 56.52 -5.22 -1.03 | 61.74 -4.69 -1.27 | 60.36 -5.65 -0.33 | 58.50 -5.67 -1.14 | 51.02 -5.10 -1.23 | 42.19 -4.03 -2.39 | 39.10 -3.19 -2.46 | 36.06 -2.49 -2.48 |
| SITHE____INDEPEND 23800 | 30.71 -0.79 -0.93 | 28.77 -0.79 -1.20 | 27.46 -0.73 -1.08 | 25.83 -0.68 -1.19 | 28.27 -0.76 -0.96 | 28.62 -0.88 -1.03 | 32.36 -1.06 -0.34 | 34.77 -1.18 -0.10 | 39.69 -1.50 -0.69 | 38.54 -1.52 -1.21 | 38.56 -1.45 -1.92 | 33.95 -1.20 -1.87 | 30.83 -1.05 -2.02 | 30.48 -1.06 -1.94 | 32.87 -1.23 -1.74 | 42.87 -1.97 -0.97 | 58.42 -2.79 -0.49 | 62.90 -2.87 -0.60 | 62.95 -2.89 -0.16 | 60.81 -2.77 -0.55 | 53.00 -2.47 -0.58 | 42.98 -1.97 -1.12 | 39.27 -1.71 -1.15 | 35.72 -1.51 -1.16 |
| SITHE____MASSENA 23902 | 29.19 -1.37 0.00 | 27.20 -1.16 0.00 | 25.92 -1.19 0.00 | 24.23 -1.09 0.00 | 26.86 -1.21 0.00 | 27.24 -1.22 0.00 | 31.62 -1.45 0.00 | 34.34 -1.50 0.00 | 39.12 -1.38 0.00 | 37.91 -0.93 0.00 | 36.87 -1.22 0.00 | 31.94 -1.33 0.00 | 28.63 -1.23 0.00 | 28.42 -1.19 0.00 | 31.10 -1.26 0.00 | 43.35 -0.52 0.00 | 60.17 -0.55 0.00 | 64.32 -0.85 0.00 | 64.83 -0.86 0.00 | 62.28 -0.75 0.00 | 54.23 -0.66 0.00 | 43.44 -0.40 0.00 | 39.39 -0.44 0.00 | 35.68 -0.40 0.00 |
| SITHE____OGDNSBRG 24021 | 29.31 -1.25 0.00 | 27.32 -1.05 0.00 | 26.00 -1.11 0.00 | 24.31 -1.01 0.00 | 26.94 -1.12 0.00 | 27.39 -1.08 0.00 | 31.75 -1.32 0.00 | 34.38 -1.47 0.00 | 39.37 -1.13 0.00 | 38.22 -0.62 0.00 | 37.13 -0.95 0.00 | 32.14 -1.13 0.00 | 28.79 -1.07 0.00 | 28.57 -1.04 0.00 | 31.23 -1.13 0.00 | 43.78 -0.09 0.00 | 60.84 0.12 0.00 | 64.84 -0.32 0.00 | 65.35 -0.33 0.00 | 62.84 -0.19 0.00 | 54.67 -0.22 0.00 | 43.87 0.04 0.00 | 39.87 0.04 0.00 | 36.11 0.04 0.00 |
| SITHE____STERLING 23777 | 32.10 0.89 -0.65 | 29.97 0.77 -0.83 | 28.59 0.73 -0.75 | 26.80 0.66 -0.82 | 29.49 0.76 -0.67 | 30.04 0.85 -0.72 | 34.40 1.09 -0.24 | 37.03 1.11 -0.07 | 42.23 1.26 -0.48 | 40.85 1.16 -0.84 | 40.60 1.18 -1.33 | 35.67 1.10 -1.30 | 32.24 0.98 -1.40 | 31.89 0.95 -1.34 | 34.47 0.90 -1.20 | 45.47 0.92 -0.67 | 62.33 1.28 -0.34 | 67.15 1.56 -0.42 | 67.37 1.57 -0.11 | 64.86 1.45 -0.38 | 56.44 1.15 -0.40 | 45.48 0.88 -0.78 | 41.46 0.84 -0.80 | 37.60 0.72 -0.80 |
| SOUTH CAIRO____GT 23612 | 49.26 2.54 -16.16 | 51.47 2.33 -20.78 | 48.05 2.25 -18.69 | 47.96 2.13 -20.51 | 47.01 2.30 -16.64 | 48.89 2.53 -17.89 | 41.94 2.91 -5.96 | 40.98 3.37 -1.77 | 56.48 4.09 -11.89 | 63.39 3.57 -20.97 | 74.81 3.50 -33.22 | 68.86 3.19 -32.40 | 67.55 2.84 -34.85 | 65.90 2.78 -33.51 | 65.41 3.01 -30.04 | 64.51 3.77 -16.86 | 74.30 5.10 -8.49 | 81.41 5.80 -10.44 | 74.19 5.71 -2.80 | 77.90 5.42 -9.44 | 69.53 4.66 -9.97 | 67.00 3.72 -19.44 | 63.15 3.38 -19.95 | 59.00 2.89 -20.04 |
| SOUTH HAMPTN____IC 23720 | 52.63 7.33 -14.73 | 53.72 6.41 -18.94 | 50.03 5.88 -17.03 | 49.97 5.95 -18.69 | 49.04 5.81 -15.17 | 51.72 6.94 -16.31 | 46.67 8.17 -5.43 | 46.60 9.14 -1.61 | 60.30 8.95 -10.85 | 66.75 8.78 -19.13 | 87.95 9.37 -40.50 | 87.83 8.35 -46.20 | 84.54 7.44 -47.24 | 77.80 7.34 -40.86 | 79.92 8.16 -39.39 | 84.21 10.18 -30.17 | 110.39 14.33 -35.34 | 115.11 15.64 -34.30 | 112.68 15.76 -31.24 | 105.23 15.00 -27.20 | 97.82 12.84 -30.09 | 93.92 10.00 -40.10 | 74.79 8.88 -26.09 | 89.32 8.19 -45.06 |
| SOUTHOLD____IC 23719 | 52.96 7.67 -14.73 | 54.03 6.72 -18.94 | 50.33 6.18 -17.03 | 50.24 6.23 -18.69 | 49.35 6.12 -15.17 | 52.06 7.29 -16.31 | 47.07 8.56 -5.43 | 47.03 9.57 -1.61 | 60.75 9.40 -10.85 | 67.21 9.24 -19.13 | 88.41 9.83 -40.50 | 88.22 8.75 -46.20 | 84.92 7.82 -47.24 | 78.19 7.73 -40.86 | 80.34 8.58 -39.39 | 84.79 10.75 -30.17 | 111.12 15.06 -35.34 | 115.90 16.42 -34.30 | 113.47 16.55 -31.24 | 105.99 15.76 -27.20 | 98.43 13.45 -30.09 | 94.45 10.52 -40.10 | 75.23 9.32 -26.09 | 89.71 8.58 -45.06 |
| ST LAWRENCE____ 23600 | 29.22 -1.34 0.00 | 27.20 -1.16 0.00 | 25.95 -1.17 0.00 | 24.23 -1.09 0.00 | 26.86 -1.21 0.00 | 27.24 -1.22 0.00 | 31.65 -1.42 0.00 | 34.34 -1.50 0.00 | 39.08 -1.42 0.00 | 37.72 -1.13 0.00 | 36.75 -1.33 0.00 | 31.97 -1.30 0.00 | 28.66 -1.20 0.00 | 28.42 -1.19 0.00 | 31.17 -1.20 0.00 | 43.08 -0.79 0.00 | 59.81 -0.91 0.00 | 63.93 -1.24 0.00 | 64.43 -1.25 0.00 | 61.90 -1.13 0.00 | 53.96 -0.93 0.00 | 43.13 -0.70 0.00 | 39.07 -0.76 0.00 | 35.39 -0.69 0.00 |
| STATION 5_MISC_HYD 23604 | 31.92 -0.43 -1.78 | 30.23 -0.42 -2.29 | 28.93 -0.24 -2.06 | 27.33 -0.25 -2.26 | 29.64 -0.25 -1.83 | 30.18 -0.26 -1.97 | 33.46 -0.27 -0.66 | 35.47 -0.57 -0.19 | 40.27 -1.54 -1.31 | 39.45 -1.71 -2.31 | 40.13 -1.45 -3.49 | 35.49 -1.17 -3.38 | 32.60 -0.96 -3.69 | 32.25 -0.98 -3.62 | 34.35 -1.33 -3.31 | 42.57 -3.16 -1.86 | 56.98 -4.67 -0.94 | 61.95 -4.37 -1.15 | 61.65 -4.34 -0.31 | 59.78 -4.29 -1.04 | 52.15 -3.84 -1.10 | 42.90 -3.07 -2.14 | 39.55 -2.47 -2.20 | 36.52 -1.77 -2.21 |

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| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 32.20 -0.15 -1.78 | 30.49 -0.17 -2.29 | 29.12 -0.05 -2.06 | 27.51 -0.08 -2.26 | 29.87 -0.03 -1.84 | 30.41 -0.03 -1.97 | 33.76 0.03 -0.66 | 35.93 -0.11 -0.19 | 40.96 -0.85 -1.31 | 40.11 -1.05 -2.31 | 40.89 -0.84 -3.65 | 36.23 -0.60 -3.55 | 33.21 -0.48 -3.83 | 32.79 -0.50 -3.69 | 34.90 -0.78 -3.31 | 43.54 -2.19 -1.86 | 58.37 -3.28 -0.94 | 63.39 -2.93 -1.15 | 63.10 -2.89 -0.31 | 61.18 -2.90 -1.04 | 53.30 -2.69 -1.10 | 43.83 -2.15 -2.14 | 40.27 -1.75 -2.20 | 37.17 -1.12 -2.21 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 31.69 -0.64 -1.76 | 30.01 -0.62 -2.27 | 28.69 -0.46 -2.04 | 27.11 -0.46 -2.24 | 29.43 -0.45 -1.82 | 29.94 -0.48 -1.95 | 33.19 -0.53 -0.65 | 35.25 -0.79 -0.19 | 40.06 -1.74 -1.30 | 39.23 -1.90 -2.29 | 39.92 -1.64 -3.47 | 35.29 -1.33 -3.35 | 32.42 -1.10 -3.66 | 32.04 -1.16 -3.59 | 34.15 -1.49 -3.28 | 42.47 -3.25 -1.84 | 56.85 -4.80 -0.93 | 61.81 -4.50 -1.14 | 61.52 -4.47 -0.31 | 59.59 -4.47 -1.03 | 51.97 -4.00 -1.09 | 42.75 -3.20 -2.12 | 39.37 -2.63 -2.18 | 36.31 -1.95 -2.19 |
| STEEL___WIND 323596 | 33.10 0.12 -2.41 | 31.59 0.11 -3.10 | 30.23 0.33 -2.79 | 28.59 0.20 -3.06 | 30.83 0.28 -2.49 | 31.37 0.23 -2.67 | 34.39 0.43 -0.89 | 36.33 0.22 -0.26 | 41.22 -1.18 -1.89 | 40.65 -1.52 -3.32 | 49.95 -1.03 -12.89 | 46.47 -0.67 -13.87 | 41.71 -0.42 -12.27 | 37.87 -0.35 -8.62 | 36.28 -0.81 -4.73 | 42.94 -3.60 -2.66 | 56.50 -5.58 -1.36 | 61.49 -5.34 -1.67 | 60.97 -5.19 -0.48 | 59.25 -5.29 -1.51 | 51.78 -4.61 -1.50 | 43.29 -3.51 -2.96 | 40.18 -2.63 -2.98 | 36.69 -2.38 -2.99 |
| STEBEN_REC_LFGE 323667 | 35.17 1.38 -3.22 | 33.70 1.19 -4.15 | 32.09 1.25 -3.73 | 30.53 1.11 -4.09 | 32.70 1.32 -3.32 | 33.40 1.37 -3.57 | 36.11 1.85 -1.19 | 38.28 2.08 -0.35 | 44.12 1.21 -2.41 | 43.93 0.85 -4.24 | 48.27 1.22 -8.97 | 43.70 1.30 -9.13 | 40.15 1.25 -9.04 | 38.57 1.21 -7.75 | 39.33 0.90 -6.06 | 46.35 -0.92 -3.40 | 60.67 -1.76 -1.72 | 66.04 -1.24 -2.11 | 65.01 -1.25 -0.58 | 63.56 -1.39 -1.91 | 55.45 -1.43 -1.99 | 46.72 -1.01 -3.90 | 43.21 -0.60 -3.98 | 39.82 -0.25 -4.00 |
| STONY___BROOK 24151 | 50.15 4.86 -14.73 | 51.40 4.09 -18.94 | 47.86 3.71 -17.03 | 47.89 3.87 -18.69 | 46.88 3.65 -15.17 | 49.21 4.44 -16.31 | 43.76 5.26 -5.43 | 43.55 6.09 -1.61 | 56.98 5.63 -10.85 | 63.48 5.51 -19.13 | 84.72 6.09 -40.54 | 84.95 5.46 -46.22 | 82.00 4.87 -47.27 | 75.38 4.86 -40.92 | 77.13 5.31 -39.46 | 80.53 6.45 -30.20 | 104.90 8.86 -35.32 | 109.09 9.64 -34.28 | 106.61 9.72 -31.21 | 99.52 9.27 -27.22 | 93.05 8.07 -30.08 | 90.24 6.31 -40.10 | 71.80 5.81 -26.16 | 86.31 5.27 -44.96 |
| STURGEON_POOL_HYD 23609 | 47.87 2.17 -15.14 | 49.82 1.99 -19.47 | 46.46 1.84 -17.50 | 46.28 1.75 -19.21 | 45.48 1.82 -15.59 | 47.25 2.02 -16.76 | 41.00 2.35 -5.59 | 40.44 2.94 -1.65 | 54.88 3.24 -11.14 | 61.44 2.95 -19.65 | 72.40 3.20 -31.12 | 66.55 2.93 -30.35 | 65.11 2.60 -32.65 | 63.58 2.57 -31.40 | 63.29 2.78 -28.14 | 62.96 3.29 -15.80 | 73.10 4.43 -7.95 | 79.84 4.89 -9.78 | 73.17 4.86 -2.62 | 76.54 4.66 -8.85 | 68.29 4.06 -9.34 | 65.20 3.16 -18.22 | 61.38 2.87 -18.68 | 57.27 2.42 -18.78 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 46.52 2.14 -13.82 | 48.04 1.90 -17.77 | 44.86 1.76 -15.98 | 44.53 1.67 -17.54 | 44.06 1.77 -14.23 | 45.70 1.94 -15.30 | 40.45 2.28 -5.10 | 40.19 2.83 -1.51 | 53.75 3.08 -10.17 | 59.61 2.83 -17.94 | 69.58 3.08 -28.41 | 63.81 2.83 -27.71 | 62.17 2.51 -29.81 | 60.75 2.49 -28.66 | 60.77 2.72 -25.69 | 61.45 3.16 -14.42 | 72.22 4.25 -7.26 | 78.79 4.69 -8.93 | 72.81 4.73 -2.40 | 75.58 4.48 -8.08 | 67.32 3.90 -8.53 | 63.48 3.02 -16.63 | 59.67 2.79 -17.06 | 55.56 2.34 -17.14 |
| SYNERGY___BIOGAS 323694 | 32.75 0.18 -2.00 | 31.11 0.17 -2.57 | 29.77 0.35 -2.31 | 28.13 0.28 -2.53 | 30.48 0.36 -2.06 | 31.05 0.37 -2.21 | 34.33 0.53 -0.74 | 36.07 0.00 -0.22 | 40.69 -1.26 -1.44 | 39.88 -1.52 -2.55 | 40.11 -1.14 -3.17 | 35.39 -0.83 -2.94 | 32.70 -0.63 -3.47 | 32.68 -0.62 -3.70 | 34.95 -1.07 -3.65 | 42.46 -3.47 -2.05 | 56.52 -5.22 -1.03 | 61.74 -4.69 -1.27 | 60.36 -5.65 -0.33 | 58.50 -5.67 -1.14 | 51.02 -5.10 -1.23 | 42.19 -4.03 -2.39 | 39.10 -3.19 -2.46 | 36.06 -2.49 -2.48 |
| SYRACUSE___ENERGY_ST1 323597 | 32.04 0.00 -1.47 | 30.20 -0.06 -1.89 | 28.79 -0.03 -1.70 | 27.17 -0.03 -1.87 | 29.58 0.00 -1.52 | 30.01 -0.09 -1.63 | 33.55 -0.07 -0.54 | 35.97 -0.04 -0.16 | 41.30 -0.28 -1.08 | 40.40 -0.35 -1.91 | 40.85 -0.26 -3.03 | 36.09 -0.13 -2.95 | 32.95 -0.09 -3.18 | 32.54 -0.12 -3.05 | 34.84 -0.26 -2.74 | 44.62 -0.79 -1.54 | 60.40 -1.09 -0.77 | 65.14 -0.98 -0.95 | 64.95 -0.98 -0.26 | 62.88 -1.01 -0.86 | 54.81 -0.99 -0.91 | 44.81 -0.79 -1.77 | 40.97 -0.68 -1.82 | 37.36 -0.54 -1.83 |
| SYRACUSE___ENERGY_ST2 323598 | 32.04 0.00 -1.47 | 30.20 -0.06 -1.89 | 28.79 -0.03 -1.70 | 27.17 -0.03 -1.87 | 29.58 0.00 -1.52 | 30.01 -0.09 -1.63 | 33.55 -0.07 -0.54 | 35.97 -0.04 -0.16 | 41.30 -0.28 -1.08 | 40.40 -0.35 -1.91 | 40.85 -0.26 -3.03 | 36.09 -0.13 -2.95 | 32.95 -0.09 -3.18 | 32.54 -0.12 -3.05 | 34.84 -0.26 -2.74 | 44.62 -0.79 -1.54 | 60.40 -1.09 -0.77 | 65.14 -0.98 -0.95 | 64.95 -0.98 -0.26 | 62.88 -1.01 -0.86 | 54.81 -0.99 -0.91 | 44.81 -0.79 -1.77 | 40.97 -0.68 -1.82 | 37.36 -0.54 -1.83 |
| SYRACUSE___POWER 24017 | 32.13 0.03 -1.53 | 30.34 0.00 -1.97 | 28.91 0.03 -1.77 | 27.27 0.00 -1.94 | 29.67 0.03 -1.58 | 30.13 -0.03 -1.69 | 33.64 0.00 -0.56 | 36.05 0.04 -0.17 | 41.43 -0.20 -1.13 | 40.56 -0.27 -1.99 | 41.08 -0.15 -3.15 | 36.28 -0.07 -3.07 | 33.13 -0.03 -3.30 | 32.72 -0.06 -3.18 | 35.02 -0.19 -2.85 | 44.77 -0.70 -1.60 | 60.55 -0.97 -0.80 | 65.31 -0.85 -0.99 | 65.09 -0.86 -0.27 | 63.04 -0.88 -0.89 | 54.95 -0.88 -0.94 | 44.97 -0.70 -1.84 | 41.12 -0.60 -1.89 | 37.47 -0.51 -1.90 |
| TRIGEN___CC 323695 | 48.78 3.48 -14.73 | 50.20 2.89 -18.94 | 46.73 2.58 -17.03 | 46.78 2.76 -18.69 | 45.79 2.55 -15.17 | 47.91 3.13 -16.31 | 42.21 3.70 -5.44 | 41.94 4.48 -1.61 | 55.52 4.17 -10.84 | 61.96 4.00 -19.12 | 88.86 4.68 -46.10 | 86.53 4.26 -49.00 | 85.06 3.76 -51.44 | 82.77 3.76 -49.40 | 84.22 4.08 -47.77 | 84.02 4.91 -35.23 | 99.05 6.62 -31.71 | 103.21 7.17 -30.87 | 100.00 7.22 -27.09 | 99.28 6.93 -29.31 | 90.67 6.04 -29.75 | 88.29 4.74 -39.73 | 80.75 4.38 -36.54 | 72.43 3.79 -32.57 |
| UNION___PROCESSING_DRP 323587 | 31.84 -0.52 -1.79 | 30.19 -0.48 -2.30 | 28.89 -0.30 -2.07 | 27.29 -0.30 -2.27 | 29.60 -0.31 -1.84 | 30.11 -0.34 -1.98 | 33.37 -0.36 -0.66 | 35.40 -0.64 -0.20 | 40.20 -1.62 -1.32 | 39.34 -1.82 -2.32 | 40.16 -1.56 -3.64 | 35.59 -1.23 -3.54 | 32.67 -1.02 -3.83 | 32.26 -1.04 -3.69 | 34.30 -1.39 -3.33 | 42.49 -3.25 -1.87 | 56.86 -4.80 -0.94 | 61.83 -4.50 -1.16 | 61.52 -4.47 -0.31 | 59.60 -4.47 -1.05 | 51.99 -4.00 -1.10 | 42.79 -3.20 -2.15 | 39.45 -2.59 -2.21 | 36.38 -1.91 -2.22 |
| UPPER HUDSON___HYD 24058 | 52.62 2.17 -19.88 | 55.87 1.93 -25.57 | 52.00 1.90 -22.99 | 52.28 1.72 -25.23 | 50.65 2.11 -20.48 | 52.56 2.08 -22.01 | 42.99 2.58 -7.34 | 40.67 2.65 -2.17 | 58.50 3.36 -14.64 | 67.91 3.26 -25.81 | 82.04 3.08 -40.88 | 75.76 2.63 -39.86 | 75.37 2.63 -42.89 | 73.42 2.57 -41.24 | 72.04 2.72 -36.96 | 68.13 3.51 -20.75 | 75.84 4.68 -10.44 | 83.42 5.41 -12.85 | 74.58 5.45 -3.45 | 79.63 4.98 -11.62 | 71.50 4.34 -12.27 | 71.31 3.55 -23.93 | 67.67 3.30 -24.54 | 63.48 2.74 -24.66 |
| UPPER RAQUET___HYD 24056 | 29.13 -1.44 0.00 | 27.18 -1.19 0.00 | 25.84 -1.27 0.00 | 24.16 -1.16 0.00 | 26.77 -1.29 0.00 | 27.16 -1.31 0.00 | 31.25 -1.82 0.00 | 33.70 -2.15 0.00 | 38.60 -1.90 0.00 | 37.56 -1.28 0.00 | 36.64 -1.45 0.00 | 31.68 -1.60 0.00 | 28.37 -1.49 0.00 | 28.15 -1.45 0.00 | 30.75 -1.62 0.00 | 43.17 -0.70 0.00 | 59.99 -0.73 0.00 | 63.67 -1.50 0.00 | 64.17 -1.51 0.00 | 61.64 -1.39 0.00 | 53.68 -1.21 0.00 | 43.26 -0.57 0.00 | 39.55 -0.28 0.00 | 35.89 -0.18 0.00 |

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| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 39.69 2.78 -6.35 | 39.08 2.55 -8.16 | 36.87 2.41 -7.34 | 35.63 2.25 -8.05 | 37.10 2.50 -6.54 | 38.28 2.79 -7.03 | 38.88 3.47 -2.34 | 40.09 3.55 -0.69 | 49.42 4.25 -4.67 | 51.05 3.96 -8.24 | 55.19 3.92 -13.18 | 49.64 3.49 -12.88 | 46.74 3.08 -13.81 | 45.94 3.11 -13.22 | 47.40 3.24 -11.80 | 54.40 3.90 -6.62 | 69.45 5.40 -3.33 | 75.26 5.99 -4.10 | 72.95 6.17 -1.10 | 72.60 5.86 -3.71 | 63.80 4.99 -3.92 | 55.41 3.95 -7.64 | 51.25 3.59 -7.83 | 47.05 3.10 -7.87 |
| VISCHER___FERRY HYD 24020 | 52.52 2.32 -19.63 | 55.75 2.13 -25.25 | 51.88 2.06 -22.71 | 52.14 1.90 -24.92 | 50.45 2.16 -20.23 | 52.43 2.22 -21.74 | 42.99 2.68 -7.25 | 40.75 2.76 -2.15 | 58.15 3.20 -14.45 | 67.40 3.07 -25.49 | 81.35 2.89 -40.37 | 75.14 2.50 -39.37 | 74.54 2.33 -42.35 | 72.64 2.31 -40.73 | 71.32 2.46 -36.50 | 67.52 3.16 -20.49 | 75.40 4.37 -10.31 | 82.75 4.89 -12.69 | 74.01 4.93 -3.41 | 79.11 4.60 -11.48 | 71.01 4.00 -12.12 | 70.70 3.24 -23.63 | 67.09 3.03 -24.24 | 63.10 2.67 -24.36 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 47.18 2.35 -14.26 | 48.81 2.10 -18.34 | 45.53 1.93 -16.49 | 45.25 1.82 -18.10 | 44.69 1.93 -14.69 | 46.36 2.11 -15.79 | 40.85 2.51 -5.26 | 40.56 3.16 -1.56 | 54.40 3.40 -10.50 | 60.54 3.19 -18.51 | 70.87 3.47 -29.32 | 65.03 3.16 -28.60 | 63.43 2.81 -30.76 | 61.97 2.78 -29.58 | 61.92 3.04 -26.51 | 62.31 3.55 -14.88 | 73.00 4.80 -7.49 | 79.66 5.28 -9.22 | 73.41 5.26 -2.47 | 76.41 5.04 -8.34 | 68.09 4.39 -8.80 | 64.41 3.42 -17.16 | 60.58 3.15 -17.60 | 56.40 2.63 -17.69 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 48.10 2.81 -14.72 | 49.77 2.47 -18.94 | 46.39 2.25 -17.03 | 46.14 2.13 -18.69 | 45.48 2.25 -15.17 | 47.22 2.45 -16.30 | 41.45 2.94 -5.43 | 41.18 3.73 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.11 | 72.47 4.11 -30.27 | 66.56 3.76 -29.53 | 64.94 3.31 -31.76 | 63.44 3.29 -30.54 | 63.36 3.62 -27.37 | 63.49 4.25 -15.37 | 74.16 5.71 -7.73 | 80.88 6.19 -9.52 | 74.48 6.24 -2.55 | 77.56 5.92 -8.61 | 69.20 5.22 -9.09 | 65.58 4.03 -17.72 | 61.75 3.74 -18.18 | 57.52 3.18 -18.27 |
| WADING RIVER_IC_1 23522 | 50.49 5.20 -14.73 | 51.73 4.42 -18.94 | 48.16 4.01 -17.03 | 48.17 4.15 -18.69 | 47.19 3.96 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.98 6.53 -1.61 | 57.22 5.87 -10.85 | 63.72 5.75 -19.13 | 84.82 6.25 -40.49 | 85.06 5.59 -46.20 | 82.05 4.96 -47.23 | 75.39 4.94 -40.84 | 77.18 5.44 -39.38 | 80.69 6.67 -30.16 | 105.17 9.10 -35.35 | 109.37 9.90 -34.31 | 106.90 9.98 -31.24 | 99.81 9.58 -27.20 | 93.26 8.29 -30.08 | 90.41 6.49 -40.10 | 71.91 6.01 -26.07 | 86.77 5.63 -45.07 |
| WADING RIVER_IC_2 23547 | 50.49 5.20 -14.73 | 51.73 4.42 -18.94 | 48.16 4.01 -17.03 | 48.17 4.15 -18.69 | 47.19 3.96 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.98 6.53 -1.61 | 57.22 5.87 -10.85 | 63.72 5.75 -19.13 | 84.82 6.25 -40.49 | 85.06 5.59 -46.20 | 82.05 4.96 -47.23 | 75.39 4.94 -40.84 | 77.18 5.44 -39.38 | 80.69 6.67 -30.16 | 105.17 9.10 -35.35 | 109.37 9.90 -34.31 | 106.90 9.98 -31.24 | 99.81 9.58 -27.20 | 93.26 8.29 -30.08 | 90.41 6.49 -40.10 | 71.91 6.01 -26.07 | 86.77 5.63 -45.07 |
| WADING RIVER_IC_3 23601 | 50.49 5.20 -14.73 | 51.73 4.42 -18.94 | 48.16 4.01 -17.03 | 48.17 4.15 -18.69 | 47.19 3.96 -15.17 | 49.56 4.78 -16.31 | 44.16 5.65 -5.43 | 43.98 6.53 -1.61 | 57.22 5.87 -10.85 | 63.72 5.75 -19.13 | 84.82 6.25 -40.49 | 85.06 5.59 -46.20 | 82.05 4.96 -47.23 | 75.39 4.94 -40.84 | 77.18 5.44 -39.38 | 80.69 6.67 -30.16 | 105.17 9.10 -35.35 | 109.37 9.90 -34.31 | 106.90 9.98 -31.24 | 99.81 9.58 -27.20 | 93.26 8.29 -30.08 | 90.41 6.49 -40.10 | 71.91 6.01 -26.07 | 86.77 5.63 -45.07 |
| WALDEN___HYDRO 24148 | 47.42 2.29 -14.56 | 49.13 2.04 -18.72 | 45.85 1.90 -16.83 | 45.59 1.80 -18.47 | 44.94 1.88 -15.00 | 46.66 2.08 -16.12 | 40.89 2.45 -5.37 | 40.52 3.08 -1.59 | 54.66 3.44 -10.72 | 60.88 3.14 -18.90 | 71.40 3.39 -29.93 | 65.55 3.09 -29.19 | 64.00 2.75 -31.40 | 62.52 2.72 -30.19 | 62.40 2.98 -27.06 | 62.53 3.47 -15.19 | 73.10 4.74 -7.65 | 79.79 5.22 -9.41 | 73.39 5.19 -2.52 | 76.52 4.98 -8.51 | 68.16 4.28 -8.99 | 64.68 3.33 -17.52 | 60.82 3.03 -17.97 | 56.69 2.56 -18.06 |
| WARRENSBURG____ 23737 | 52.62 2.17 -19.88 | 55.87 1.93 -25.57 | 52.00 1.90 -22.99 | 52.28 1.72 -25.23 | 50.65 2.11 -20.48 | 52.56 2.08 -22.01 | 42.99 2.58 -7.34 | 40.67 2.65 -2.17 | 58.50 3.36 -14.64 | 67.91 3.26 -25.81 | 82.04 3.08 -40.88 | 75.76 2.63 -39.86 | 75.37 2.63 -42.89 | 73.42 2.57 -41.24 | 72.04 2.72 -36.96 | 68.13 3.51 -20.75 | 75.84 4.68 -10.44 | 83.42 5.41 -12.85 | 74.58 5.45 -3.45 | 79.63 4.98 -11.62 | 71.50 4.34 -12.27 | 71.31 3.55 -23.93 | 67.67 3.30 -24.54 | 63.48 2.74 -24.66 |
| WATERSIDE___6 8 9 23538 | 48.26 2.96 -14.73 | 49.92 2.61 -18.94 | 46.50 2.36 -17.03 | 46.29 2.28 -18.69 | 45.59 2.36 -15.17 | 47.31 2.53 -16.31 | 41.55 3.04 -5.43 | 41.26 3.80 -1.61 | 55.27 3.93 -10.84 | 61.65 3.69 -19.12 | 72.59 4.23 -30.28 | 66.73 3.92 -29.53 | 65.06 3.43 -31.77 | 63.56 3.40 -30.55 | 63.53 3.78 -27.38 | 63.67 4.43 -15.37 | 74.47 6.01 -7.74 | 81.20 6.52 -9.52 | 74.81 6.57 -2.56 | 77.89 6.24 -8.62 | 69.42 5.44 -9.09 | 65.80 4.25 -17.72 | 61.96 3.94 -18.19 | 57.74 3.39 -18.28 |
| WDELAWARE___HYD 323627 | 45.96 2.02 -13.37 | 47.36 1.79 -17.20 | 44.26 1.68 -15.47 | 43.89 1.60 -16.97 | 43.49 1.66 -13.78 | 45.18 1.91 -14.81 | 40.22 2.22 -4.94 | 40.11 2.80 -1.46 | 53.55 3.20 -9.85 | 59.04 2.83 -17.36 | 68.63 3.05 -27.50 | 62.92 2.83 -26.82 | 61.19 2.48 -28.85 | 59.80 2.46 -27.74 | 59.91 2.68 -24.86 | 60.94 3.12 -13.96 | 71.93 4.19 -7.03 | 78.51 4.69 -8.64 | 72.66 4.66 -2.32 | 75.33 4.48 -7.82 | 66.99 3.84 -8.26 | 62.91 2.98 -16.10 | 59.05 2.71 -16.51 | 54.90 2.24 -16.59 |
| WEST BABYLON___IC 23714 | 49.85 4.56 -14.73 | 51.14 3.83 -18.94 | 47.59 3.44 -17.03 | 47.61 3.59 -18.69 | 46.63 3.39 -15.17 | 48.90 4.13 -16.31 | 43.40 4.89 -5.44 | 43.19 5.73 -1.61 | 56.81 5.47 -10.85 | 63.25 5.28 -19.13 | 86.20 5.90 -42.21 | 86.21 5.32 -47.62 | 83.48 4.72 -48.90 | 77.52 4.71 -43.21 | 79.30 5.15 -41.79 | 82.12 6.27 -31.98 | 104.86 8.56 -35.58 | 108.90 9.25 -34.48 | 106.41 9.32 -31.40 | 100.27 8.95 -28.29 | 93.72 7.79 -31.04 | 91.08 6.14 -41.12 | 74.17 5.62 -28.73 | 84.65 4.91 -43.68 |
| WEST CANADA___HYD 24049 | 30.48 0.31 0.40 | 28.14 0.28 0.51 | 26.93 0.27 0.46 | 25.07 0.25 0.50 | 27.93 0.28 0.41 | 28.34 0.31 0.44 | 33.29 0.36 0.15 | 36.16 0.36 0.04 | 40.61 0.40 0.29 | 38.68 0.35 0.51 | 37.61 0.34 0.81 | 32.81 0.33 0.79 | 29.30 0.30 0.85 | 29.08 0.30 0.82 | 31.92 0.29 0.74 | 43.72 0.26 0.41 | 60.88 0.37 0.21 | 65.37 0.46 0.26 | 66.08 0.46 0.07 | 63.18 0.38 0.23 | 54.98 0.33 0.24 | 43.62 0.26 0.48 | 39.62 0.28 0.49 | 35.84 0.25 0.49 |
| WESTERN_NY_WIND 24143 | 32.77 0.18 -2.02 | 31.13 0.17 -2.59 | 29.77 0.33 -2.33 | 28.13 0.25 -2.56 | 30.50 0.36 -2.08 | 31.04 0.34 -2.23 | 34.31 0.50 -0.74 | 36.03 0.50 -0.22 | 40.62 -1.34 -1.46 | 39.86 -1.55 -2.57 | 40.10 -1.18 -3.20 | 35.37 -0.87 -2.97 | 32.70 -0.66 -3.50 | 32.66 -0.68 -3.73 | 34.95 -1.10 -3.69 | 42.39 -3.55 -2.07 | 56.41 -5.34 -1.04 | 61.62 -4.82 -1.28 | 60.30 -5.71 -0.33 | 58.45 -5.74 -1.15 | 50.97 -5.16 -1.24 | 42.17 -4.07 -2.41 | 39.09 -3.22 -2.49 | 36.05 -2.53 -2.50 |
| WESTOVER___LESR 323668 | 36.20 0.83 -4.80 | 35.28 0.74 -6.18 | 33.43 0.76 -5.56 | 32.10 0.68 -6.10 | 33.80 0.78 -4.95 | 34.61 0.83 -5.32 | 35.87 1.03 -1.77 | 37.49 1.11 -0.53 | 44.89 0.85 -3.54 | 45.74 0.66 -6.24 | 49.09 0.84 -10.16 | 44.07 0.83 -9.96 | 41.25 0.78 -10.62 | 40.47 0.77 -10.09 | 41.98 0.68 -8.93 | 48.93 0.04 -5.01 | 63.24 0.00 -2.52 | 68.47 0.20 -3.11 | 66.78 0.26 -0.83 | 66.03 0.19 -2.81 | 57.91 0.05 -2.97 | 49.66 0.04 -5.78 | 45.92 0.16 -5.93 | 42.25 0.22 -5.96 |

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|----------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|
| WETHRSFD_WT_PWR | 33.51 | 32.05 | 30.62 | 29.04 | 31.21 | 31.80 | 34.60 | 36.47 | 41.71 | 41.31 | 47.55 | 43.57 | 39.58 | 37.11 | 36.90 | 43.63 | 57.34 | 62.35 | 61.65 | 60.08 | 52.52 | 44.03 | 40.84 | 37.48 |
| 323626 | 0.22 | 0.17 | 0.35 | 0.25 | 0.34 | 0.31 | 0.53 | 0.32 | -0.85 | -1.16 | -0.76 | -0.43 | -0.27 | -0.24 | -0.65 | -3.16 | -4.86 | -4.63 | -4.53 | -4.60 | -4.06 | -3.11 | -2.35 | -1.98 |
| | -2.73 | -3.51 | -3.16 | -3.46 | -2.81 | -3.02 | -1.01 | -0.30 | -2.06 | -3.63 | -10.22 | -10.73 | -9.99 | -7.75 | -5.18 | -2.91 | -1.48 | -1.81 | -0.50 | -1.64 | -1.69 | -3.31 | -3.37 | -3.39 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G | 47.14 | 48.77 | 45.47 | 45.19 | 44.62 | 46.29 | 40.75 | 40.45 | 54.25 | 60.41 | 70.79 | 64.96 | 63.34 | 61.91 | 61.82 | 62.15 | 72.83 | 79.41 | 73.21 | 76.23 | 67.87 | 64.30 | 60.44 | 56.35 |
| 345015 | 2.29 | 2.04 | 1.84 | 1.75 | 1.85 | 2.02 | 2.41 | 3.05 | 3.24 | 3.03 | 3.35 | 3.06 | 2.69 | 2.69 | 2.91 | 3.38 | 4.61 | 5.02 | 5.06 | 4.85 | 4.17 | 3.29 | 2.99 | 2.56 |
| | -14.28 | -18.36 | -16.51 | -18.12 | -14.71 | -15.81 | -5.27 | -1.56 | -10.51 | -18.53 | -29.35 | -28.63 | -30.80 | -29.61 | -26.54 | -14.90 | -7.50 | -9.23 | -2.48 | -8.34 | -8.81 | -17.18 | -17.62 | -17.71 |
| YORK__WARBASSE | 48.45 | 50.09 | 46.64 | 46.42 | 45.73 | 47.39 | 41.58 | 41.29 | 55.27 | 61.69 | 72.67 | 66.83 | 65.15 | 63.64 | 63.62 | 63.80 | 74.72 | 81.46 | 75.07 | 78.14 | 69.63 | 66.03 | 62.16 | 57.85 |
| 23770 | 3.15 | 2.78 | 2.49 | 2.41 | 2.50 | 2.62 | 3.08 | 3.84 | 3.93 | 3.73 | 4.30 | 4.02 | 3.52 | 3.49 | 3.88 | 4.56 | 6.26 | 6.78 | 6.83 | 6.49 | 5.65 | 4.47 | 4.14 | 3.50 |
| | -14.73 | -18.94 | -17.03 | -18.69 | -15.17 | -16.31 | -5.43 | -1.61 | -10.84 | -19.12 | -30.28 | -29.53 | -31.77 | -30.55 | -27.38 | -15.37 | -7.74 | -9.52 | -2.56 | -8.62 | -9.09 | -17.72 | -18.19 | -18.28 |