

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/28/2016

| 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 | 37.01 | 35.90 | 33.27 | 33.76 | 35.02 | 35.14 | 42.27 | 49.91 | 49.52 | 48.69 | 45.96 | 44.74 | 43.96 | 42.60 | 42.33 | 42.05 | 53.14 | 69.27 | 55.28 | 50.01 | 47.68 | 45.56 | 44.66 | 37.05 |
| 24138 | 0.45 | 0.37 | 0.37 | 0.36 | 0.36 | 0.48 | 0.88 | 1.30 | 1.76 | 1.87 | 2.07 | 2.04 | 1.97 | 1.96 | 2.05 | 2.13 | 2.88 | 5.50 | 3.73 | 3.07 | 2.53 | 1.98 | 1.59 | 1.02 |
| | -30.43 | -30.15 | -27.52 | -28.12 | -29.28 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.29 | -20.02 | -19.52 | -18.77 | -21.45 | -9.29 | -13.91 | -14.99 | -18.82 | -22.55 | -24.98 | -23.46 |
| 74TH STREET_GT_1 | 37.02 | 35.90 | 33.27 | 33.76 | 35.02 | 35.14 | 42.26 | 49.90 | 49.51 | 48.67 | 45.94 | 44.74 | 43.95 | 42.60 | 42.33 | 42.05 | 53.14 | 69.22 | 55.29 | 49.98 | 47.66 | 45.56 | 44.67 | 37.05 |
| 24260 | 0.45 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.29 | 1.74 | 1.85 | 2.05 | 2.04 | 1.95 | 1.96 | 2.05 | 2.13 | 2.88 | 5.45 | 3.73 | 3.04 | 2.50 | 1.98 | 1.59 | 1.02 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.30 | -20.02 | -19.53 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -24.99 | -23.46 |
| 74TH STREET_GT_2 | 37.02 | 35.90 | 33.27 | 33.76 | 35.02 | 35.14 | 42.26 | 49.90 | 49.51 | 48.67 | 45.94 | 44.74 | 43.95 | 42.60 | 42.33 | 42.05 | 53.14 | 69.22 | 55.29 | 49.98 | 47.66 | 45.56 | 44.67 | 37.05 |
| 24261 | 0.45 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.29 | 1.74 | 1.85 | 2.05 | 2.04 | 1.95 | 1.96 | 2.05 | 2.13 | 2.88 | 5.45 | 3.73 | 3.04 | 2.50 | 1.98 | 1.59 | 1.02 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.30 | -20.02 | -19.53 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -24.99 | -23.46 |
| ADK HUDSON___FALLS | 49.81 | 48.61 | 44.89 | 45.63 | 47.39 | 46.82 | 54.74 | 60.80 | 59.01 | 57.58 | 53.30 | 53.36 | 52.55 | 50.69 | 50.17 | 49.57 | 61.78 | 72.51 | 60.73 | 56.16 | 55.37 | 54.86 | 55.18 | 46.93 |
| 24011 | 0.50 | 0.45 | 0.46 | 0.45 | 0.46 | 0.60 | 0.96 | 1.48 | 1.63 | 1.66 | 1.73 | 1.66 | 1.64 | 1.67 | 1.72 | 1.80 | 2.54 | 4.85 | 3.35 | 2.94 | 2.34 | 1.83 | 1.65 | 1.08 |
| | -43.18 | -42.78 | -39.05 | -39.90 | -41.55 | -39.16 | -41.95 | -42.82 | -38.46 | -36.45 | -30.69 | -30.49 | -30.21 | -28.41 | -27.70 | -26.63 | -30.44 | -13.19 | -19.73 | -21.27 | -26.70 | -32.00 | -35.45 | -33.28 |
| ADK RESOURCE___RCVRY | 48.63 | 47.41 | 43.80 | 44.50 | 46.21 | 45.73 | 53.61 | 59.88 | 58.27 | 56.86 | 52.79 | 52.70 | 51.87 | 50.05 | 49.57 | 49.00 | 61.13 | 72.69 | 60.59 | 55.86 | 54.87 | 54.11 | 54.27 | 46.06 |
| 23798 | 0.52 | 0.44 | 0.45 | 0.44 | 0.45 | 0.61 | 1.00 | 1.60 | 1.82 | 1.81 | 1.96 | 1.84 | 1.80 | 1.81 | 1.89 | 1.97 | 2.74 | 5.39 | 3.76 | 3.23 | 2.58 | 1.98 | 1.72 | 1.13 |
| | -41.98 | -41.59 | -37.96 | -38.78 | -40.39 | -38.07 | -40.78 | -41.79 | -37.53 | -35.57 | -29.95 | -29.64 | -29.37 | -27.62 | -26.93 | -25.89 | -29.59 | -12.82 | -19.18 | -20.68 | -25.96 | -31.11 | -34.46 | -32.35 |
| ADK S GLENS___FALLS | 49.81 | 48.61 | 44.89 | 45.63 | 47.39 | 46.82 | 54.74 | 60.80 | 59.01 | 57.58 | 53.30 | 53.36 | 52.55 | 50.69 | 50.17 | 49.57 | 61.78 | 72.51 | 60.73 | 56.16 | 55.37 | 54.86 | 55.18 | 46.93 |
| 24028 | 0.50 | 0.45 | 0.46 | 0.45 | 0.46 | 0.60 | 0.96 | 1.48 | 1.63 | 1.66 | 1.73 | 1.66 | 1.64 | 1.67 | 1.72 | 1.80 | 2.54 | 4.85 | 3.35 | 2.94 | 2.34 | 1.83 | 1.65 | 1.08 |
| | -43.18 | -42.78 | -39.05 | -39.90 | -41.55 | -39.16 | -41.95 | -42.82 | -38.46 | -36.45 | -30.69 | -30.49 | -30.21 | -28.41 | -27.70 | -26.63 | -30.44 | -13.19 | -19.73 | -21.27 | -26.70 | -32.00 | -35.45 | -33.28 |
| ADK_NYS___DAM | 48.45 | 47.26 | 43.64 | 44.35 | 46.06 | 45.54 | 53.28 | 59.33 | 57.69 | 56.29 | 52.21 | 52.19 | 51.36 | 49.51 | 49.01 | 48.43 | 60.30 | 71.10 | 59.45 | 54.88 | 54.11 | 53.57 | 53.77 | 45.72 |
| 23527 | 0.37 | 0.32 | 0.32 | 0.31 | 0.32 | 0.44 | 0.70 | 1.10 | 1.29 | 1.29 | 1.42 | 1.36 | 1.31 | 1.30 | 1.35 | 1.42 | 1.93 | 3.81 | 2.63 | 2.27 | 1.84 | 1.45 | 1.25 | 0.82 |
| | -41.95 | -41.56 | -37.94 | -38.76 | -40.36 | -38.04 | -40.75 | -41.74 | -37.49 | -35.52 | -29.91 | -29.62 | -29.35 | -27.60 | -26.91 | -25.88 | -29.57 | -12.81 | -19.17 | -20.66 | -25.94 | -31.08 | -34.44 | -32.33 |
| AIR_PRODUCTS___DRP | 47.74 | 46.57 | 43.00 | 43.71 | 45.39 | 44.87 | 52.51 | 58.46 | 56.72 | 55.35 | 51.27 | 51.22 | 50.42 | 48.61 | 48.09 | 47.52 | 59.17 | 69.43 | 58.15 | 53.68 | 53.04 | 52.56 | 52.81 | 44.91 |
| 24190 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.53 | 0.79 | 0.81 | 0.82 | 0.88 | 0.83 | 0.81 | 0.80 | 0.83 | 0.89 | 1.24 | 2.34 | 1.62 | 1.37 | 1.16 | 0.90 | 0.80 | 0.49 |
| | -41.32 | -40.94 | -37.37 | -38.18 | -39.76 | -37.48 | -40.14 | -41.19 | -36.99 | -35.05 | -29.52 | -29.18 | -28.91 | -27.18 | -26.51 | -25.49 | -29.13 | -12.62 | -18.88 | -20.36 | -25.55 | -30.62 | -33.92 | -31.85 |
| ALBANY___1 | 47.74 | 46.57 | 43.00 | 43.71 | 45.39 | 44.87 | 52.51 | 58.46 | 56.72 | 55.35 | 51.27 | 51.22 | 50.42 | 48.61 | 48.09 | 47.52 | 59.17 | 69.43 | 58.15 | 53.68 | 53.04 | 52.56 | 52.81 | 44.91 |
| 23571 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.53 | 0.79 | 0.81 | 0.82 | 0.88 | 0.83 | 0.81 | 0.80 | 0.83 | 0.89 | 1.24 | 2.34 | 1.62 | 1.37 | 1.16 | 0.90 | 0.80 | 0.49 |
| | -41.32 | -40.94 | -37.37 | -38.18 | -39.76 | -37.48 | -40.14 | -41.19 | -36.99 | -35.05 | -29.52 | -29.18 | -28.91 | -27.18 | -26.51 | -25.49 | -29.13 | -12.62 | -18.88 | -20.36 | -25.55 | -30.62 | -33.92 | -31.85 |
| ALBANY___2 | 47.74 | 46.57 | 43.00 | 43.71 | 45.39 | 44.87 | 52.51 | 58.46 | 56.72 | 55.35 | 51.27 | 51.22 | 50.42 | 48.61 | 48.09 | 47.52 | 59.17 | 69.43 | 58.15 | 53.68 | 53.04 | 52.56 | 52.81 | 44.91 |
| 23572 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.53 | 0.79 | 0.81 | 0.82 | 0.88 | 0.83 | 0.81 | 0.80 | 0.83 | 0.89 | 1.24 | 2.34 | 1.62 | 1.37 | 1.16 | 0.90 | 0.80 | 0.49 |
| | -41.32 | -40.94 | -37.37 | -38.18 | -39.76 | -37.48 | -40.14 | -41.19 | -36.99 | -35.05 | -29.52 | -29.18 | -28.91 | -27.18 | -26.51 | -25.49 | -29.13 | -12.62 | -18.88 | -20.36 | -25.55 | -30.62 | -33.92 | -31.85 |
| ALBANY___3 | 47.74 | 46.57 | 43.00 | 43.71 | 45.39 | 44.87 | 52.51 | 58.46 | 56.72 | 55.35 | 51.27 | 51.22 | 50.42 | 48.61 | 48.09 | 47.52 | 59.17 | 69.43 | 58.15 | 53.68 | 53.04 | 52.56 | 52.81 | 44.91 |
| 23573 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.53 | 0.79 | 0.81 | 0.82 | 0.88 | 0.83 | 0.81 | 0.80 | 0.83 | 0.89 | 1.24 | 2.34 | 1.62 | 1.37 | 1.16 | 0.90 | 0.80 | 0.49 |
| | -41.32 | -40.94 | -37.37 | -38.18 | -39.76 | -37.48 | -40.14 | -41.19 | -36.99 | -35.05 | -29.52 | -29.18 | -28.91 | -27.18 | -26.51 | -25.49 | -29.13 | -12.62 | -18.88 | -20.36 | -25.55 | -30.62 | -33.92 | -31.85 |
| ALBANY___4 | 47.74 | 46.57 | 43.00 | 43.71 | 45.39 | 44.87 | 52.51 | 58.46 | 56.72 | 55.35 | 51.27 | 51.22 | 50.42 | 48.61 | 48.09 | 47.52 | 59.17 | 69.43 | 58.15 | 53.68 | 53.04 | 52.56 | 52.81 | 44.91 |
| 23574 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.34 | 0.53 | 0.79 | 0.81 | 0.82 | 0.88 | 0.83 | 0.81 | 0.80 | 0.83 | 0.89 | 1.24 | 2.34 | 1.62 | 1.37 | 1.16 | 0.90 | 0.80 | 0.49 |
| | -41.32 | -40.94 | -37.37 | -38.18 | -39.76 | -37.48 | -40.14 | -41.19 | -36.99 | -35.05 | -29.52 | -29.18 | -28.91 | -27.18 | -26.51 | -25.49 | -29.13 | -12.62 | -18.88 | -20.36 | -25.55 | -30.62 | -33.92 | -31.85 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 48.65 0.34 -42.18 | 47.47 0.30 -41.79 | 43.84 0.31 -38.15 | 44.55 0.30 -38.97 | 46.27 0.31 -40.59 | 45.72 0.41 -38.26 | 53.45 0.64 -40.98 | 59.38 0.96 -41.94 | 57.64 1.06 -37.67 | 56.27 1.09 -35.69 | 52.08 1.15 -30.06 | 52.08 1.08 -29.79 | 51.29 1.08 -29.51 | 49.44 1.07 -27.75 | 48.91 1.10 -27.06 | 48.32 1.16 -26.02 | 60.15 1.61 -29.74 | 70.40 3.05 -12.88 | 59.03 2.11 -19.28 | 54.55 1.82 -20.78 | 53.92 1.50 -26.08 | 53.47 1.18 -31.26 | 53.75 1.03 -34.63 | 45.74 0.65 -32.51 |
| ALCOA_RYNLDS___DRP 24188 | 5.94 -0.19 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.12 -0.16 0.00 | 5.20 -0.17 0.00 | 6.85 -0.21 0.00 | 11.47 -0.35 0.00 | 15.94 -0.54 0.00 | 18.18 -0.74 0.00 | 18.70 -0.78 0.00 | 20.00 -0.88 0.00 | 20.15 -1.06 0.00 | 19.90 -0.81 0.00 | 19.92 -0.70 0.00 | 20.00 -0.75 0.00 | 20.15 -0.99 0.00 | 27.25 -1.56 0.00 | 51.64 -2.83 0.00 | 35.73 -1.92 0.00 | 30.26 -1.69 0.00 | 24.91 -1.42 0.00 | 20.13 -0.90 0.00 | 17.62 -0.47 0.00 | 12.17 -0.40 0.00 |
| ALCOA___DSASP 323711 | 5.94 -0.19 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.12 -0.16 0.00 | 5.20 -0.17 0.00 | 6.85 -0.21 0.00 | 11.47 -0.35 0.00 | 15.94 -0.54 0.00 | 18.18 -0.74 0.00 | 18.70 -0.78 0.00 | 20.00 -0.88 0.00 | 20.15 -1.06 0.00 | 19.90 -0.81 0.00 | 19.92 -0.70 0.00 | 20.00 -0.75 0.00 | 20.15 -0.99 0.00 | 27.25 -1.56 0.00 | 51.64 -2.83 0.00 | 35.73 -1.92 0.00 | 30.26 -1.69 0.00 | 24.91 -1.42 0.00 | 20.13 -0.90 0.00 | 17.62 -0.47 0.00 | 12.17 -0.40 0.00 |
| ALLEGHENY___COGEN 23514 | 10.98 0.01 -4.85 | 10.20 0.02 -4.80 | 9.80 0.04 -4.38 | 9.77 0.01 -4.48 | 10.04 0.01 -4.66 | 11.49 0.04 -4.40 | 16.54 0.00 -4.71 | 22.17 0.15 -5.53 | 24.00 0.11 -4.97 | 24.33 0.14 -4.71 | 24.84 0.00 -3.96 | 24.76 0.13 -3.42 | 24.26 0.16 -3.39 | 23.89 0.08 -3.19 | 23.90 0.04 -3.11 | 24.22 0.08 -2.99 | 32.51 0.29 -3.42 | 56.50 0.54 -1.48 | 40.28 0.41 -2.21 | 34.75 0.41 -2.39 | 29.64 0.32 -3.00 | 24.66 0.04 -3.59 | 21.89 -0.18 -3.98 | 16.40 0.09 -3.73 |
| ALTONA_WT_PWR 323606 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.22 -0.16 0.00 | 5.14 -0.14 0.00 | 5.24 -0.13 0.00 | 6.91 -0.15 0.00 | 11.62 -0.21 0.00 | 16.14 -0.35 0.00 | 18.39 -0.53 0.00 | 18.92 -0.57 0.00 | 20.21 -0.67 0.00 | 20.55 -0.66 0.00 | 20.12 -0.58 0.00 | 20.08 -0.54 0.00 | 20.23 -0.52 0.00 | 20.59 -0.55 0.00 | 28.00 -0.81 0.00 | 53.17 -1.31 0.00 | 36.82 -0.83 0.00 | 31.22 -0.73 0.00 | 25.67 -0.66 0.00 | 20.59 -0.44 0.00 | 17.84 -0.25 0.00 | 12.33 -0.24 0.00 |
| AMERICAN_REF_FUEL 24010 | 10.04 -0.31 -4.22 | 9.29 -0.27 -4.19 | 8.95 -0.25 -3.82 | 8.90 -0.28 -3.90 | 9.16 -0.27 -4.06 | 10.46 -0.43 -3.83 | 15.03 -0.90 -4.10 | 20.04 -1.27 -4.82 | 21.70 -1.55 -4.33 | 22.01 -1.58 -4.10 | 22.45 -1.88 -3.45 | 22.37 -1.82 -2.98 | 22.02 -1.64 -2.96 | 21.71 -1.76 -2.78 | 21.69 -1.78 -2.71 | 21.97 -1.78 -2.61 | 29.22 -2.56 -2.98 | 50.43 -5.34 -1.29 | 36.15 -3.43 -1.93 | 31.35 -2.68 -2.08 | 26.84 -2.11 -2.61 | 22.29 -1.87 -3.13 | 19.91 -1.65 -3.47 | 15.04 -0.79 -3.26 |
| ARTHUR_KILL_GT_1 23520 | 37.02 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.73 0.33 -28.12 | 35.00 0.34 -29.29 | 35.11 0.44 -27.60 | 42.20 0.80 -29.57 | 49.80 1.19 -32.12 | 49.41 1.65 -28.85 | 48.63 1.81 -27.34 | 45.94 2.05 -23.02 | 44.69 1.97 -21.50 | 43.87 1.86 -21.30 | 42.53 1.88 -20.03 | 42.28 1.99 -19.54 | 42.02 2.09 -18.78 | 53.14 2.88 -21.46 | 69.38 5.61 -9.30 | 55.44 3.88 -13.91 | 50.04 3.10 -14.99 | 47.76 2.61 -18.82 | 45.67 2.08 -22.56 | 44.75 1.66 -25.00 | 37.11 1.07 -23.47 |
| ARTHUR_KILL_2 23512 | 37.02 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.73 0.33 -28.12 | 35.00 0.34 -29.29 | 35.11 0.44 -27.60 | 42.20 0.80 -29.57 | 49.80 1.19 -32.12 | 49.41 1.65 -28.85 | 48.63 1.81 -27.34 | 45.94 2.05 -23.02 | 44.69 1.97 -21.50 | 43.87 1.86 -21.30 | 42.53 1.88 -20.03 | 42.28 1.99 -19.54 | 42.02 2.09 -18.78 | 53.14 2.88 -21.46 | 69.38 5.61 -9.30 | 55.44 3.88 -13.91 | 50.04 3.10 -14.99 | 47.76 2.61 -18.82 | 45.67 2.08 -22.56 | 44.75 1.66 -25.00 | 37.11 1.07 -23.47 |
| ARTHUR_KILL_3 23513 | 36.98 0.41 -30.44 | 35.86 0.33 -30.16 | 33.23 0.33 -27.53 | 33.72 0.32 -28.12 | 34.98 0.32 -29.29 | 35.10 0.44 -27.60 | 42.18 0.78 -29.57 | 49.78 1.17 -32.12 | 49.37 1.61 -28.85 | 48.55 1.73 -27.34 | 45.80 1.90 -23.02 | 44.59 1.89 -21.49 | 43.82 1.82 -21.29 | 42.48 1.83 -20.02 | 42.22 1.95 -19.53 | 41.93 2.01 -18.77 | 52.94 2.68 -21.46 | 68.84 5.07 -9.29 | 55.02 3.46 -13.91 | 49.76 2.81 -14.99 | 47.47 2.32 -18.82 | 45.39 1.81 -22.55 | 44.54 1.46 -24.99 | 36.98 0.94 -23.46 |
| ASHOKAN____ 23654 | 39.10 0.51 -32.46 | 38.01 0.47 -32.16 | 35.21 0.47 -29.36 | 35.74 0.46 -29.99 | 37.09 0.48 -31.24 | 37.08 0.58 -29.44 | 44.49 1.12 -31.54 | 52.01 1.70 -33.83 | 51.27 1.97 -30.38 | 50.28 2.01 -28.79 | 47.25 2.13 -24.24 | 46.11 1.97 -22.92 | 45.32 1.90 -22.71 | 43.81 1.83 -21.35 | 43.50 1.93 -20.83 | 43.24 2.07 -20.02 | 54.97 3.28 -22.88 | 70.98 6.59 -9.91 | 56.70 4.22 -14.83 | 51.30 3.35 -15.99 | 49.12 2.71 -20.07 | 47.36 2.27 -24.05 | 46.53 1.79 -26.65 | 38.72 1.13 -25.02 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.68 0.28 -28.12 | 34.95 0.29 -29.29 | 35.04 0.39 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.81 1.82 -21.29 | 42.47 1.83 -20.02 | 42.20 1.93 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.72 4.96 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.43 2.29 -18.81 | 45.42 1.83 -22.56 | 44.62 1.54 -25.00 | 37.06 1.02 -23.47 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.68 0.28 -28.12 | 34.95 0.29 -29.29 | 35.04 0.39 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.81 1.82 -21.29 | 42.47 1.83 -20.02 | 42.20 1.93 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.72 4.96 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.43 2.29 -18.81 | 45.42 1.83 -22.56 | 44.62 1.54 -25.00 | 37.06 1.02 -23.47 |
| ASTORIA_GT2_1 24094 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT2_2 24095 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT2_3 24096 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_4 24097 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT3_1 24098 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT3_2 24099 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT3_3 24100 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT3_4 24101 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT4_1 24102 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT4_2 24103 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT4_3 24104 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT4_4 24105 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT_1 23523 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT_10 24110 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| ASTORIA_GT_11 24225 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| ASTORIA_GT_12 24226 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| ASTORIA_GT_13 24227 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| ASTORIA_GT_5 24106 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_7 24107 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA_GT_8 24108 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA___2 24149 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA___3 23516 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| ASTORIA___4 23517 | 36.96 0.40 -30.44 | 35.84 0.30 -30.16 | 33.20 0.29 -27.53 | 33.69 0.28 -28.12 | 34.95 0.29 -29.29 | 35.05 0.40 -27.60 | 42.10 0.71 -29.56 | 49.67 1.07 -32.11 | 49.31 1.55 -28.84 | 48.51 1.69 -27.33 | 45.81 1.92 -23.01 | 44.61 1.91 -21.49 | 43.83 1.84 -21.29 | 42.47 1.83 -20.02 | 42.22 1.95 -19.52 | 41.92 2.01 -18.77 | 52.87 2.62 -21.45 | 68.77 5.01 -9.29 | 54.97 3.43 -13.90 | 49.69 2.75 -14.99 | 47.46 2.32 -18.81 | 45.44 1.85 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| ASTORIA___5 23518 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| AST_ENERGY_2_CC3 323677 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.26 0.35 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.11 0.45 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.43 1.67 -28.85 | 48.61 1.79 -27.34 | 45.88 1.98 -23.02 | 44.65 1.95 -21.49 | 43.86 1.86 -21.29 | 42.52 1.88 -20.02 | 42.27 1.99 -19.53 | 41.99 2.07 -18.77 | 53.02 2.77 -21.46 | 69.05 5.28 -9.29 | 55.14 3.58 -13.91 | 49.85 2.91 -14.99 | 47.57 2.42 -18.82 | 45.48 1.89 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |
| AST_ENERGY_2_CC4 323678 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.26 0.35 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.11 0.45 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.43 1.67 -28.85 | 48.61 1.79 -27.34 | 45.88 1.98 -23.02 | 44.65 1.95 -21.49 | 43.86 1.86 -21.29 | 42.52 1.88 -20.02 | 42.27 1.99 -19.53 | 41.99 2.07 -18.77 | 53.02 2.77 -21.46 | 69.05 5.28 -9.29 | 55.14 3.58 -13.91 | 49.85 2.91 -14.99 | 47.57 2.42 -18.82 | 45.48 1.89 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |
| ATHENS_STG_1 23668 | 41.56 0.31 -35.12 | 40.45 0.27 -34.80 | 37.41 0.27 -31.76 | 37.99 0.26 -32.45 | 39.43 0.26 -33.80 | 39.26 0.35 -31.85 | 46.54 0.59 -34.12 | 53.19 0.87 -35.83 | 52.19 1.10 -32.18 | 51.12 1.15 -30.49 | 47.78 1.23 -25.67 | 47.18 1.17 -24.80 | 46.39 1.12 -24.57 | 44.84 1.11 -23.11 | 44.46 1.18 -22.53 | 44.03 1.23 -21.66 | 55.23 1.67 -24.76 | 68.30 3.10 -10.73 | 55.84 2.14 -16.05 | 51.07 1.82 -17.30 | 49.55 1.50 -21.72 | 48.23 1.18 -26.03 | 47.88 0.96 -28.83 | 40.27 0.63 -27.07 |
| ATHENS_STG_2 23670 | 41.56 0.31 -35.12 | 40.45 0.27 -34.80 | 37.41 0.27 -31.76 | 37.99 0.26 -32.45 | 39.43 0.26 -33.80 | 39.26 0.35 -31.85 | 46.54 0.59 -34.12 | 53.19 0.87 -35.83 | 52.19 1.10 -32.18 | 51.12 1.15 -30.49 | 47.78 1.23 -25.67 | 47.18 1.17 -24.80 | 46.39 1.12 -24.57 | 44.84 1.11 -23.11 | 44.46 1.18 -22.53 | 44.03 1.23 -21.66 | 55.23 1.67 -24.76 | 68.30 3.10 -10.73 | 55.84 2.14 -16.05 | 51.07 1.82 -17.30 | 49.55 1.50 -21.72 | 48.23 1.18 -26.03 | 47.88 0.96 -28.83 | 40.27 0.63 -27.07 |
| ATHENS_STG_3 23677 | 41.56 0.31 -35.12 | 40.45 0.27 -34.80 | 37.41 0.27 -31.76 | 37.99 0.26 -32.45 | 39.43 0.26 -33.80 | 39.26 0.35 -31.85 | 46.54 0.59 -34.12 | 53.19 0.87 -35.83 | 52.19 1.10 -32.18 | 51.12 1.15 -30.49 | 47.78 1.23 -25.67 | 47.18 1.17 -24.80 | 46.39 1.12 -24.57 | 44.84 1.11 -23.11 | 44.46 1.18 -22.53 | 44.03 1.23 -21.66 | 55.23 1.67 -24.76 | 68.30 3.10 -10.73 | 55.84 2.14 -16.05 | 51.07 1.82 -17.30 | 49.55 1.50 -21.72 | 48.23 1.18 -26.03 | 47.88 0.96 -28.83 | 40.27 0.63 -27.07 |
| AUBURN___LFGE 323710 | 9.89 0.12 -3.65 | 9.09 0.10 -3.61 | 8.79 0.11 -3.30 | 8.74 0.09 -3.37 | 8.98 0.10 -3.51 | 10.53 0.16 -3.31 | 15.65 0.28 -3.54 | 21.16 0.48 -4.19 | 23.21 0.53 -3.77 | 23.60 0.54 -3.57 | 24.47 0.58 -3.01 | 24.48 0.70 -2.57 | 23.83 0.58 -2.55 | 23.55 0.54 -2.40 | 23.58 0.50 -2.34 | 23.96 0.57 -2.25 | 32.32 0.95 -2.57 | 57.55 1.96 -1.11 | 40.71 1.39 -1.67 | 34.96 1.21 -1.80 | 29.56 0.97 -2.25 | 24.32 0.59 -2.70 | 21.41 0.33 -2.99 | 15.71 0.33 -2.81 |
| BABYLON_RES_REC 323704 | 37.15 0.58 -30.44 | 35.97 0.42 -30.16 | 33.29 0.38 -27.53 | 33.78 0.38 -28.13 | 35.06 0.39 -29.29 | 35.29 0.63 -27.61 | 44.13 1.28 -31.03 | 51.15 1.83 -32.83 | 51.10 2.36 -29.82 | 50.10 2.45 -28.16 | 46.51 2.61 -23.02 | 45.34 2.63 -21.50 | 44.49 2.48 -21.30 | 43.08 2.43 -20.03 | 42.85 2.57 -19.53 | 42.78 2.69 -18.95 | 56.30 3.48 -24.01 | 73.85 6.53 -12.84 | 61.60 4.48 -19.47 | 54.18 3.70 -18.52 | 52.58 3.11 -23.14 | 47.29 2.65 -23.61 | 45.00 1.92 -24.99 | 37.43 1.40 -23.46 |
| BARRETT_IC_1 23704 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_10 23701 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |

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|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_11 23702 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_12 23703 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_2 23705 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_3 23706 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_4 23707 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_5 23708 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_6 23709 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_7 23710 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_8 23711 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT_IC_9 23700 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT__1 23545 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BARRETT__2 23546 | 37.18 0.53 -30.52 | 36.01 0.39 -30.24 | 33.27 0.35 -27.54 | 33.76 0.34 -28.13 | 35.03 0.36 -29.30 | 35.31 0.56 -27.68 | 57.59 1.11 -44.65 | 57.59 1.62 -39.49 | 59.91 2.08 -38.91 | 57.59 2.20 -35.91 | 46.18 2.28 -23.02 | 45.02 2.31 -21.50 | 44.20 2.19 -21.30 | 42.79 2.14 -20.03 | 42.56 2.28 -19.53 | 42.85 2.33 -19.38 | 56.03 3.23 -24.00 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.96 3.48 -18.52 | 52.32 2.84 -23.14 | 46.90 2.27 -23.60 | 44.74 1.66 -24.99 | 37.36 1.25 -23.54 |
| BAYONEEC__CTG1 323682 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC__CTG2 323683 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC__CTG3 323684 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG4 323685 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC___CTG5 323686 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC___CTG6 323687 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC___CTG7 323688 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BAYONEEC___CTG8 323689 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.85 1.24 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.90 2.00 -23.02 | 44.68 1.97 -21.49 | 43.88 1.88 -21.29 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.05 2.79 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.61 1.54 -24.99 | 37.01 0.98 -23.46 |
| BEACON___LESR 323632 | 47.60 0.37 -41.10 | 46.42 0.32 -40.72 | 42.87 0.32 -37.17 | 43.57 0.32 -37.97 | 45.24 0.32 -39.55 | 44.77 0.44 -37.27 | 52.47 0.71 -39.93 | 58.55 1.06 -41.00 | 56.94 1.19 -36.82 | 55.59 1.21 -34.90 | 51.54 1.27 -29.38 | 51.44 1.21 -29.02 | 50.66 1.20 -28.75 | 48.83 1.17 -27.04 | 48.34 1.22 -26.37 | 47.78 1.29 -25.35 | 59.59 1.82 -28.97 | 70.46 3.43 -12.55 | 58.80 2.37 -18.78 | 54.27 2.08 -20.25 | 53.46 1.71 -25.42 | 52.83 1.35 -30.46 | 52.97 1.14 -33.74 | 44.98 0.73 -31.68 |
| BEAVER RIVER___HYD 24048 | 6.06 -0.07 0.00 | 5.30 -0.08 0.00 | 5.30 -0.08 0.00 | 5.20 -0.08 0.00 | 5.30 -0.08 0.00 | 7.01 -0.05 0.00 | 11.79 -0.04 0.00 | 16.49 0.00 0.00 | 18.83 -0.09 0.00 | 19.40 -0.08 0.00 | 20.79 -0.08 0.00 | 21.21 0.00 0.00 | 20.68 -0.02 0.00 | 20.62 0.00 0.00 | 20.71 -0.04 0.00 | 21.00 -0.15 0.00 | 28.63 -0.17 0.00 | 54.42 -0.05 0.00 | 37.42 -0.22 0.00 | 31.69 -0.26 0.00 | 26.02 -0.31 0.00 | 20.82 -0.21 0.00 | 18.00 -0.09 0.00 | 12.50 -0.07 0.00 |
| BEEBEE_GT_13 23619 | 9.31 -0.12 -3.31 | 8.58 -0.08 -3.28 | 8.30 -0.07 -2.99 | 8.24 -0.09 -3.06 | 8.45 -0.11 -3.18 | 9.93 -0.13 -3.00 | 14.75 -0.30 -3.21 | 19.99 -0.30 -3.80 | 21.93 -0.40 -3.41 | 22.30 -0.41 -3.23 | 23.01 -0.58 -2.72 | 23.02 -0.53 -2.34 | 22.56 -0.46 -2.31 | 22.30 -0.50 -2.18 | 22.29 -0.58 -2.12 | 22.63 -0.55 -2.04 | 30.50 -0.63 -2.33 | 54.29 -1.20 -1.01 | 38.37 -0.79 -1.51 | 32.97 -0.61 -1.63 | 27.87 -0.50 -2.05 | 22.93 -0.55 -2.45 | 20.21 -0.60 -2.72 | 14.90 -0.23 -2.55 |
| BETHLEHEM___GRP 23843 | 47.74 0.29 -41.32 | 46.57 0.25 -40.94 | 43.00 0.25 -37.37 | 43.71 0.25 -38.18 | 45.39 0.25 -39.76 | 44.87 0.34 -37.48 | 52.51 0.53 -40.14 | 58.46 0.79 -41.19 | 56.72 0.81 -36.99 | 55.35 0.82 -35.05 | 51.27 0.88 -29.52 | 51.22 0.83 -29.18 | 50.42 0.81 -28.91 | 48.61 0.80 -27.18 | 48.09 0.83 -26.51 | 47.52 0.89 -25.49 | 59.17 1.24 -29.13 | 69.43 2.34 -12.62 | 58.15 1.62 -18.88 | 53.68 1.37 -20.36 | 53.04 1.16 -25.55 | 52.56 0.90 -30.62 | 52.81 0.80 -33.92 | 44.91 0.49 -31.85 |
| BETHLEHEM___GS1 323560 | 47.74 0.29 -41.32 | 46.57 0.25 -40.94 | 43.00 0.25 -37.37 | 43.71 0.25 -38.18 | 45.39 0.25 -39.76 | 44.87 0.34 -37.48 | 52.51 0.53 -40.14 | 58.46 0.79 -41.19 | 56.72 0.81 -36.99 | 55.35 0.82 -35.05 | 51.27 0.88 -29.52 | 51.22 0.83 -29.18 | 50.42 0.81 -28.91 | 48.61 0.80 -27.18 | 48.09 0.83 -26.51 | 47.52 0.89 -25.49 | 59.17 1.24 -29.13 | 69.43 2.34 -12.62 | 58.15 1.62 -18.88 | 53.68 1.37 -20.36 | 53.04 1.16 -25.55 | 52.56 0.90 -30.62 | 52.81 0.80 -33.92 | 44.91 0.49 -31.85 |
| BETHLEHEM___GS2 323561 | 47.74 0.29 -41.32 | 46.57 0.25 -40.94 | 43.00 0.25 -37.37 | 43.71 0.25 -38.18 | 45.39 0.25 -39.76 | 44.87 0.34 -37.48 | 52.51 0.53 -40.14 | 58.46 0.79 -41.19 | 56.72 0.81 -36.99 | 55.35 0.82 -35.05 | 51.27 0.88 -29.52 | 51.22 0.83 -29.18 | 50.42 0.81 -28.91 | 48.61 0.80 -27.18 | 48.09 0.83 -26.51 | 47.52 0.89 -25.49 | 59.17 1.24 -29.13 | 69.43 2.34 -12.62 | 58.15 1.62 -18.88 | 53.68 1.37 -20.36 | 53.04 1.16 -25.55 | 52.56 0.90 -30.62 | 52.81 0.80 -33.92 | 44.91 0.49 -31.85 |
| BETHLEHEM___GS3 323562 | 47.74 0.29 -41.32 | 46.57 0.25 -40.94 | 43.00 0.25 -37.37 | 43.71 0.25 -38.18 | 45.39 0.25 -39.76 | 44.87 0.34 -37.48 | 52.51 0.53 -40.14 | 58.46 0.79 -41.19 | 56.72 0.81 -36.99 | 55.35 0.82 -35.05 | 51.27 0.88 -29.52 | 51.22 0.83 -29.18 | 50.42 0.81 -28.91 | 48.61 0.80 -27.18 | 48.09 0.83 -26.51 | 47.52 0.89 -25.49 | 59.17 1.24 -29.13 | 69.43 2.34 -12.62 | 58.15 1.62 -18.88 | 53.68 1.37 -20.36 | 53.04 1.16 -25.55 | 52.56 0.90 -30.62 | 52.81 0.80 -33.92 | 44.91 0.49 -31.85 |
| BETHLEHEM___STEEL 23779 | 10.49 -0.13 -4.49 | 9.71 -0.12 -4.45 | 9.36 -0.08 -4.06 | 9.31 -0.12 -4.15 | 9.59 -0.11 -4.32 | 10.93 -0.20 -4.07 | 15.76 -0.43 -4.36 | 21.10 -0.51 -5.12 | 22.85 -0.66 -4.60 | 23.20 -0.64 -4.36 | 23.71 -0.84 -3.67 | 23.60 -0.78 -3.17 | 23.22 -0.62 -3.14 | 22.89 -0.68 -2.95 | 22.86 -0.77 -2.88 | 23.17 -0.74 -2.77 | 30.84 -1.12 -3.17 | 53.29 -2.56 -1.37 | 38.19 -1.51 -2.05 | 33.11 -1.05 -2.21 | 28.32 -0.79 -2.78 | 23.49 -0.86 -3.33 | 20.94 -0.83 -3.69 | 15.72 -0.31 -3.46 |
| BETHPAGE_CC_5 323564 | 37.13 0.56 -30.44 | 35.95 0.41 -30.16 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.38 -29.29 | 35.27 0.60 -27.61 | 44.33 1.22 -31.29 | 51.18 1.73 -32.96 | 51.14 2.23 -29.99 | 50.11 2.32 -28.31 | 46.34 2.44 -23.02 | 45.17 2.46 -21.50 | 44.28 2.28 -21.30 | 42.85 2.21 -20.03 | 42.62 2.34 -19.53 | 42.55 2.45 -18.95 | 56.18 3.37 -24.01 | 73.74 6.42 -12.84 | 61.49 4.37 -19.47 | 54.08 3.61 -18.52 | 52.47 3.00 -23.14 | 47.01 2.38 -23.61 | 44.82 1.74 -24.99 | 37.32 1.28 -23.46 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 10.53 -0.08 -4.49 | 9.75 -0.08 -4.44 | 9.39 -0.04 -4.06 | 9.35 -0.08 -4.14 | 9.62 -0.07 -4.32 | 10.98 -0.15 -4.07 | 15.85 -0.33 -4.36 | 21.24 -0.36 -5.11 | 23.02 -0.49 -4.59 | 23.37 -0.47 -4.35 | 23.87 -0.67 -3.67 | 23.78 -0.59 -3.17 | 23.39 -0.46 -3.14 | 23.05 -0.51 -2.95 | 23.04 -0.58 -2.88 | 23.36 -0.55 -2.77 | 31.13 -0.84 -3.16 | 53.77 -2.07 -1.37 | 38.57 -1.13 -2.05 | 33.39 -0.77 -2.21 | 28.55 -0.55 -2.77 | 23.68 -0.67 -3.32 | 21.10 -0.67 -3.68 | 15.82 -0.21 -3.46 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 15.53 0.07 -9.34 | 14.68 0.05 -9.25 | 13.89 0.06 -8.44 | 13.96 0.05 -8.63 | 14.41 0.05 -8.98 | 15.60 0.07 -8.47 | 21.02 0.12 -9.07 | 27.24 0.15 -10.60 | 28.61 0.17 -9.52 | 28.70 0.19 -9.02 | 28.68 0.21 -7.60 | 28.04 0.23 -6.59 | 27.40 0.16 -6.53 | 26.91 0.15 -6.14 | 26.86 0.13 -5.99 | 27.05 0.15 -5.76 | 35.59 0.20 -6.58 | 57.71 0.38 -2.85 | 42.21 0.30 -4.27 | 36.84 0.29 -4.60 | 32.39 0.29 -5.77 | 28.10 0.15 -6.92 | 25.77 0.02 -7.66 | 19.88 0.11 -7.20 |
| BLACK RIVER___HYD 24047 | 7.00 -0.01 -0.88 | 6.22 -0.03 -0.88 | 6.15 -0.03 -0.80 | 6.07 -0.03 -0.82 | 6.19 -0.03 -0.85 | 7.89 0.03 -0.80 | 12.81 0.12 -0.86 | 17.92 0.25 -1.18 | 20.15 0.17 -1.06 | 20.70 0.21 -1.01 | 21.98 0.25 -0.85 | 22.26 0.42 -0.62 | 21.61 0.29 -0.62 | 21.49 0.29 -0.58 | 21.56 0.25 -0.57 | 21.88 0.19 -0.55 | 29.80 0.37 -0.62 | 55.83 1.09 -0.27 | 38.54 0.49 -0.40 | 32.77 0.38 -0.44 | 27.04 0.16 -0.55 | 21.77 0.08 -0.66 | 18.91 0.09 -0.73 | 13.33 0.08 -0.68 |
| BLISS_WT_PWR 323608 | 11.23 -0.01 -5.11 | 10.42 -0.03 -5.06 | 10.02 0.02 -4.62 | 9.98 -0.02 -4.72 | 10.29 -0.01 -4.92 | 11.65 -0.04 -4.63 | 16.65 -0.14 -4.97 | 22.13 -0.18 -5.82 | 23.84 -0.30 -5.23 | 24.14 -0.29 -4.95 | 24.63 -0.42 -4.17 | 24.44 -0.38 -3.61 | 23.97 -0.31 -3.58 | 23.61 -0.37 -3.36 | 23.57 -0.46 -3.28 | 23.87 -0.42 -3.15 | 31.71 -0.69 -3.60 | 54.35 -1.69 -1.56 | 39.04 -0.94 -2.34 | 33.86 -0.61 -2.52 | 29.10 -0.39 -3.16 | 24.34 -0.48 -3.79 | 21.70 -0.58 -4.20 | 16.40 -0.11 -3.94 |
| BLUE_CIRC_CHEM_DRP 24182 | 47.05 0.29 -40.63 | 45.89 0.25 -40.25 | 42.38 0.25 -36.74 | 43.07 0.25 -37.54 | 44.72 0.25 -39.10 | 44.24 0.33 -36.85 | 51.84 0.54 -39.47 | 57.87 0.79 -40.59 | 56.28 0.91 -36.46 | 54.96 0.94 -34.55 | 50.97 1.00 -29.09 | 50.86 0.96 -28.69 | 50.06 0.93 -28.43 | 48.25 0.91 -26.73 | 47.77 0.95 -26.07 | 47.22 1.01 -25.06 | 58.83 1.38 -28.64 | 69.50 2.61 -12.41 | 58.02 1.81 -18.57 | 53.50 1.53 -20.01 | 52.74 1.29 -25.12 | 52.15 1.01 -30.11 | 52.31 0.87 -33.35 | 44.44 0.55 -31.31 |
| BOC_GAS_DRP 24189 | 47.68 0.26 -41.28 | 46.51 0.23 -40.90 | 42.95 0.23 -37.34 | 43.65 0.22 -38.14 | 45.33 0.23 -39.73 | 44.80 0.30 -37.44 | 52.42 0.49 -40.11 | 58.32 0.71 -41.13 | 56.69 0.83 -36.94 | 55.34 0.86 -35.00 | 51.29 0.94 -29.47 | 51.26 0.89 -29.15 | 50.44 0.85 -28.88 | 48.62 0.85 -27.16 | 48.13 0.89 -26.49 | 47.54 0.93 -25.47 | 59.17 1.27 -29.10 | 69.42 2.34 -12.61 | 58.17 1.65 -18.87 | 53.69 1.40 -20.34 | 53.05 1.19 -25.53 | 52.55 0.92 -30.59 | 52.77 0.80 -33.89 | 44.91 0.52 -31.82 |
| BORALEX_4TH_BRANCH 23824 | 48.45 0.37 -41.95 | 47.26 0.32 -41.56 | 43.64 0.32 -37.94 | 44.35 0.31 -38.76 | 46.06 0.32 -40.36 | 45.54 0.44 -38.04 | 53.28 0.70 -40.75 | 59.33 1.10 -41.74 | 57.69 1.29 -37.49 | 56.29 1.29 -35.52 | 52.21 1.42 -29.91 | 52.19 1.36 -29.62 | 51.36 1.31 -29.35 | 49.51 1.30 -27.60 | 49.01 1.35 -26.91 | 48.43 1.42 -25.88 | 60.30 1.93 -29.57 | 71.10 3.81 -12.81 | 59.45 2.63 -19.17 | 54.88 2.27 -20.66 | 54.11 1.84 -25.94 | 53.57 1.45 -31.08 | 53.77 1.25 -34.44 | 45.72 0.82 -32.33 |
| BOWLINE___1 23526 | 35.92 0.42 -29.37 | 34.82 0.34 -29.10 | 32.29 0.34 -26.56 | 32.75 0.33 -27.14 | 33.97 0.34 -28.26 | 34.15 0.45 -26.64 | 41.17 0.80 -28.53 | 48.92 1.17 -31.27 | 48.55 1.55 -28.08 | 47.73 1.64 -26.61 | 45.10 1.82 -22.41 | 43.71 1.76 -20.74 | 42.93 1.68 -20.55 | 41.61 1.67 -19.32 | 41.35 1.76 -18.84 | 41.10 1.84 -18.12 | 52.04 2.54 -20.70 | 68.29 4.85 -8.97 | 54.34 3.27 -13.42 | 49.10 2.68 -14.47 | 46.70 2.21 -18.16 | 44.56 1.77 -21.76 | 43.59 1.39 -24.11 | 36.12 0.91 -22.64 |
| BOWLINE___2 23595 | 35.92 0.42 -29.37 | 34.83 0.34 -29.10 | 32.29 0.34 -26.57 | 32.75 0.33 -27.14 | 33.98 0.34 -28.27 | 34.15 0.45 -26.64 | 41.17 0.80 -28.54 | 48.93 1.17 -31.27 | 48.55 1.55 -28.08 | 47.73 1.64 -26.61 | 45.10 1.82 -22.41 | 43.71 1.76 -20.74 | 42.93 1.68 -20.55 | 41.61 1.67 -19.32 | 41.36 1.76 -18.85 | 41.10 1.84 -18.12 | 52.04 2.54 -20.71 | 68.29 4.85 -8.97 | 54.34 3.27 -13.42 | 49.11 2.68 -14.47 | 46.71 2.21 -18.16 | 44.56 1.77 -21.77 | 43.60 1.39 -24.11 | 36.12 0.91 -22.64 |
| BROOKHAVEN___DRP 24191 | 37.20 0.64 -30.44 | 36.00 0.47 -30.16 | 33.33 0.42 -27.53 | 33.82 0.41 -28.13 | 35.10 0.43 -29.29 | 35.35 0.69 -27.60 | 43.40 1.43 -30.14 | 50.91 2.03 -32.40 | 50.74 2.59 -29.22 | 49.79 2.65 -27.66 | 46.70 2.80 -23.02 | 45.51 2.80 -21.50 | 44.69 2.69 -21.30 | 43.26 2.62 -20.03 | 43.06 2.78 -19.53 | 43.00 2.94 -18.92 | 56.96 4.15 -24.01 | 74.83 7.52 -12.84 | 62.20 5.08 -19.47 | 54.56 4.09 -18.52 | 53.03 3.55 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.58 1.55 -23.46 |
| BROOKLYN_NAVY_YARD 23515 | 36.99 0.43 -30.44 | 35.88 0.34 -30.16 | 33.24 0.34 -27.53 | 33.73 0.33 -28.12 | 34.99 0.33 -29.29 | 35.11 0.45 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.45 1.68 -28.85 | 48.63 1.81 -27.34 | 45.86 1.96 -23.02 | 44.65 1.95 -21.49 | 43.86 1.86 -21.29 | 42.50 1.86 -20.02 | 42.25 1.97 -19.53 | 41.97 2.05 -18.77 | 53.02 2.77 -21.46 | 69.05 5.28 -9.29 | 55.17 3.61 -13.91 | 49.88 2.94 -14.99 | 47.57 2.42 -18.82 | 45.48 1.89 -22.55 | 44.61 1.54 -24.99 | 37.00 0.97 -23.46 |
| BROOKLYN___ARMY_DRP 323595 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| BROOME_2_LFGE 323671 | 15.53 0.07 -9.34 | 14.68 0.05 -9.25 | 13.89 0.06 -8.44 | 13.96 0.05 -8.63 | 14.41 0.05 -8.98 | 15.60 0.07 -8.47 | 21.02 0.12 -9.07 | 27.24 0.15 -10.60 | 28.61 0.17 -9.52 | 28.70 0.19 -9.02 | 28.68 0.21 -7.60 | 28.04 0.23 -6.59 | 27.40 0.16 -6.53 | 26.91 0.15 -6.14 | 26.86 0.13 -5.99 | 27.05 0.15 -5.76 | 35.59 0.20 -6.58 | 57.71 0.38 -2.85 | 42.21 0.30 -4.27 | 36.84 0.29 -4.60 | 32.39 0.29 -5.77 | 28.10 0.15 -6.92 | 25.77 0.02 -7.66 | 19.88 0.11 -7.20 |
| BROOME___LFGE 323600 | 15.53 0.07 -9.34 | 14.68 0.05 -9.25 | 13.89 0.06 -8.44 | 13.96 0.05 -8.63 | 14.41 0.05 -8.98 | 15.60 0.07 -8.47 | 21.02 0.12 -9.07 | 27.24 0.15 -10.60 | 28.61 0.17 -9.52 | 28.70 0.19 -9.02 | 28.68 0.21 -7.60 | 28.04 0.23 -6.59 | 27.40 0.16 -6.53 | 26.91 0.15 -6.14 | 26.86 0.13 -5.99 | 27.05 0.15 -5.76 | 35.59 0.20 -6.58 | 57.71 0.38 -2.85 | 42.21 0.30 -4.27 | 36.84 0.29 -4.60 | 32.39 0.29 -5.77 | 28.10 0.15 -6.92 | 25.77 0.02 -7.66 | 19.88 0.11 -7.20 |
| BURROWS___LYONSDAL 23803 | 6.13 0.01 0.00 | 5.37 -0.01 0.00 | 5.37 -0.01 0.00 | 5.27 -0.01 0.00 | 5.37 -0.01 0.00 | 7.09 0.03 0.00 | 11.92 0.09 0.00 | 16.67 0.18 0.00 | 19.09 0.17 0.00 | 19.68 0.19 0.00 | 21.06 0.19 0.00 | 21.49 0.28 0.00 | 20.89 0.19 0.00 | 20.80 0.19 0.00 | 20.91 0.17 0.00 | 21.27 0.13 0.00 | 29.06 0.26 0.00 | 55.18 0.71 0.00 | 37.99 0.34 0.00 | 32.21 0.25 0.00 | 26.46 0.13 0.00 | 21.12 0.08 0.00 | 18.20 0.11 0.00 | 12.65 0.08 0.00 |
| CAITHNESS_CC_1 323624 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.32 0.41 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.33 0.67 -27.60 | 43.35 1.38 -30.14 | 50.84 1.96 -32.39 | 50.66 2.52 -29.22 | 49.73 2.59 -27.66 | 46.63 2.73 -23.02 | 45.45 2.74 -21.50 | 44.63 2.63 -21.30 | 43.20 2.56 -20.03 | 43.00 2.72 -19.53 | 42.94 2.87 -18.92 | 56.85 4.03 -24.01 | 74.67 7.35 -12.84 | 62.13 5.01 -19.47 | 54.53 4.06 -18.52 | 52.95 3.48 -23.14 | 47.54 2.90 -23.61 | 45.16 2.08 -24.99 | 37.54 1.51 -23.46 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CALPINE BETH_PAGE_GT4 24209 | 37.13 0.55 -30.45 | 35.95 0.40 -30.17 | 33.27 0.36 -27.53 | 33.76 0.35 -28.13 | 35.04 0.37 -29.29 | 35.26 0.59 -27.61 | 44.81 1.19 -31.79 | 51.34 1.65 -33.20 | 51.38 2.14 -30.33 | 50.32 2.24 -28.60 | 46.26 2.36 -23.02 | 45.08 2.38 -21.50 | 44.24 2.24 -21.30 | 42.81 2.16 -20.03 | 42.58 2.30 -19.53 | 42.52 2.41 -18.97 | 56.12 3.31 -24.01 | 73.68 6.37 -12.84 | 61.49 4.37 -19.47 | 54.05 3.58 -18.52 | 52.42 2.95 -23.14 | 46.97 2.33 -23.61 | 44.80 1.72 -24.99 | 37.34 1.30 -23.47 |
| CALPINE_BETH_PAGE_GT_4 323586 | 37.13 0.55 -30.45 | 35.95 0.40 -30.17 | 33.27 0.36 -27.53 | 33.76 0.35 -28.13 | 35.04 0.37 -29.29 | 35.26 0.59 -27.61 | 44.81 1.19 -31.79 | 51.34 1.65 -33.20 | 51.38 2.14 -30.33 | 50.32 2.24 -28.60 | 46.26 2.36 -23.02 | 45.08 2.38 -21.50 | 44.24 2.24 -21.30 | 42.81 2.16 -20.03 | 42.58 2.30 -19.53 | 42.52 2.41 -18.97 | 56.12 3.31 -24.01 | 73.68 6.37 -12.84 | 61.49 4.37 -19.47 | 54.05 3.58 -18.52 | 52.42 2.95 -23.14 | 46.97 2.33 -23.61 | 44.80 1.72 -24.99 | 37.34 1.30 -23.47 |
| CALPINE_BP_GT1 23823 | 37.13 0.55 -30.45 | 35.95 0.40 -30.17 | 33.27 0.36 -27.53 | 33.76 0.35 -28.13 | 35.04 0.37 -29.29 | 35.26 0.59 -27.61 | 44.81 1.19 -31.79 | 51.34 1.65 -33.20 | 51.38 2.14 -30.33 | 50.32 2.24 -28.60 | 46.26 2.36 -23.02 | 45.08 2.38 -21.50 | 44.24 2.24 -21.30 | 42.81 2.16 -20.03 | 42.58 2.30 -19.53 | 42.52 2.41 -18.97 | 56.12 3.31 -24.01 | 73.68 6.37 -12.84 | 61.49 4.37 -19.47 | 54.05 3.58 -18.52 | 52.42 2.95 -23.14 | 46.97 2.33 -23.61 | 44.80 1.72 -24.99 | 37.34 1.30 -23.47 |
| CALSPAN___DRP 24200 | 10.49 -0.13 -4.49 | 9.71 -0.12 -4.45 | 9.36 -0.08 -4.06 | 9.31 -0.12 -4.15 | 9.59 -0.11 -4.32 | 10.93 -0.20 -4.07 | 15.76 -0.43 -4.36 | 21.10 -0.51 -5.12 | 22.85 -0.66 -4.60 | 23.20 -0.64 -4.36 | 23.71 -0.84 -3.67 | 23.60 -0.78 -3.17 | 23.22 -0.62 -3.14 | 22.89 -0.68 -2.95 | 22.86 -0.77 -2.88 | 23.17 -0.74 -2.77 | 30.84 -1.12 -3.17 | 53.29 -2.56 -1.37 | 38.19 -1.51 -2.05 | 33.11 -1.05 -2.21 | 28.32 -0.79 -2.78 | 23.49 -0.86 -3.33 | 20.94 -0.83 -3.69 | 15.72 -0.31 -3.46 |
| CANDIGU_WT_PWR 323617 | 12.38 -0.01 -6.26 | 11.56 -0.02 -6.20 | 11.05 0.01 -5.66 | 11.05 -0.02 -5.79 | 11.38 -0.02 -6.03 | 12.70 -0.04 -5.68 | 17.81 -0.11 -6.08 | 23.45 -0.16 -7.12 | 25.09 -0.23 -6.40 | 25.33 -0.21 -6.06 | 25.71 -0.27 -5.11 | 25.44 -0.19 -4.42 | 24.88 -0.21 -4.38 | 24.49 -0.25 -4.12 | 24.47 -0.29 -4.02 | 24.75 -0.25 -3.86 | 32.84 -0.38 -4.41 | 55.51 -0.87 -1.91 | 40.02 -0.32 -2.86 | 34.75 -0.29 -3.09 | 30.05 -0.16 -3.87 | 25.38 -0.29 -4.64 | 22.81 -0.42 -5.14 | 17.33 -0.07 -4.83 |
| CARR STREET_E_SYR 24060 | 8.40 -0.02 -2.30 | 7.63 -0.02 -2.27 | 7.43 -0.02 -2.08 | 7.38 -0.03 -2.12 | 7.56 -0.03 -2.21 | 9.12 -0.02 -2.08 | 14.03 -0.02 -2.23 | 19.14 -0.03 -2.68 | 21.20 -0.13 -2.41 | 21.65 -0.12 -2.28 | 22.67 -0.12 -1.92 | 22.75 -0.08 -1.62 | 22.19 -0.12 -1.61 | 21.96 -0.17 -1.51 | 22.01 -0.21 -1.47 | 22.37 -0.19 -1.42 | 30.25 -0.17 -1.62 | 54.85 -0.32 -0.70 | 38.47 -0.22 -1.05 | 32.89 -0.19 -1.13 | 27.59 -0.16 -1.42 | 22.52 -0.21 -1.70 | 19.70 -0.27 -1.88 | 14.31 -0.04 -1.77 |
| CARTHAGE___PAPER 23857 | 6.80 -0.04 -0.71 | 6.03 -0.05 -0.70 | 5.97 -0.05 -0.64 | 5.89 -0.05 -0.66 | 6.01 -0.05 -0.68 | 7.70 -0.01 -0.64 | 12.58 0.06 -0.69 | 17.64 0.15 -1.00 | 19.88 0.06 -0.90 | 20.43 0.10 -0.85 | 21.72 0.13 -0.72 | 21.97 0.26 -0.50 | 21.37 0.16 -0.50 | 21.27 0.19 -0.47 | 21.35 0.15 -0.46 | 21.64 0.06 -0.44 | 29.48 0.17 -0.50 | 55.35 0.66 -0.22 | 38.16 0.19 -0.32 | 32.43 0.13 -0.35 | 26.74 -0.03 -0.44 | 21.54 -0.02 -0.53 | 18.71 0.04 -0.58 | 13.13 0.01 -0.55 |
| CE_DUNWOOD___DRP 24194 | 36.94 0.44 -30.38 | 35.83 0.35 -30.10 | 33.21 0.35 -27.48 | 33.69 0.34 -28.07 | 34.96 0.35 -29.23 | 35.08 0.47 -27.55 | 42.17 0.83 -29.51 | 49.78 1.22 -32.08 | 49.35 1.63 -28.81 | 48.51 1.73 -27.30 | 45.78 1.92 -22.99 | 44.53 1.87 -21.45 | 43.74 1.78 -21.25 | 42.40 1.79 -19.99 | 42.13 1.89 -19.49 | 41.85 1.97 -18.74 | 52.90 2.68 -21.42 | 68.87 5.12 -9.28 | 54.99 3.46 -13.88 | 49.76 2.84 -14.97 | 47.46 2.34 -18.79 | 45.39 1.85 -22.51 | 44.49 1.46 -24.94 | 36.94 0.96 -23.41 |
| CE_MILLWOOD___DRP 24193 | 36.81 0.42 -30.26 | 35.70 0.34 -29.98 | 33.09 0.34 -27.37 | 33.58 0.34 -27.96 | 34.83 0.34 -29.12 | 34.95 0.45 -27.44 | 42.03 0.80 -29.40 | 49.65 1.19 -31.98 | 49.23 1.59 -28.72 | 48.37 1.68 -27.22 | 45.65 1.86 -22.92 | 44.40 1.82 -21.37 | 43.61 1.74 -21.17 | 42.26 1.73 -19.91 | 41.99 1.83 -19.41 | 41.71 1.90 -18.67 | 52.75 2.62 -21.33 | 68.72 5.01 -9.24 | 54.87 3.39 -13.83 | 49.64 2.78 -14.91 | 47.33 2.29 -18.71 | 45.26 1.81 -22.42 | 44.36 1.43 -24.84 | 36.83 0.93 -23.32 |
| CE_NYC2_DRP 24202 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.69 1.87 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| CE_NYC_DRP 24195 | 37.01 0.45 -30.44 | 35.89 0.36 -30.15 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.51 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.94 1.95 -21.29 | 42.60 1.96 -20.02 | 42.33 2.05 -19.53 | 42.05 2.13 -18.77 | 53.14 2.88 -21.46 | 69.21 5.45 -9.29 | 55.28 3.73 -13.91 | 49.98 3.04 -14.99 | 47.65 2.50 -18.82 | 45.54 1.96 -22.55 | 44.65 1.57 -24.99 | 37.04 1.01 -23.46 |
| CHAFFEE___LFGE 323603 | 10.83 -0.09 -4.79 | 10.05 -0.08 -4.75 | 9.66 -0.05 -4.33 | 9.62 -0.08 -4.43 | 9.91 -0.07 -4.61 | 11.26 -0.14 -4.35 | 16.16 -0.32 -4.66 | 21.60 -0.35 -5.46 | 23.35 -0.47 -4.90 | 23.66 -0.47 -4.65 | 24.14 -0.65 -3.91 | 24.02 -0.57 -3.38 | 23.60 -0.46 -3.35 | 23.26 -0.51 -3.15 | 23.24 -0.58 -3.07 | 23.53 -0.57 -2.96 | 31.32 -0.86 -3.38 | 53.92 -2.01 -1.46 | 38.71 -1.13 -2.19 | 33.58 -0.73 -2.36 | 28.77 -0.53 -2.96 | 23.93 -0.65 -3.55 | 21.34 -0.69 -3.93 | 16.05 -0.21 -3.69 |
| CHATEAUG_WT_PWR 323614 | 5.93 -0.20 0.00 | 5.20 -0.18 0.00 | 5.21 -0.17 0.00 | 5.13 -0.15 0.00 | 5.23 -0.14 0.00 | 6.89 -0.17 0.00 | 11.57 -0.26 0.00 | 16.08 -0.41 0.00 | 18.33 -0.59 0.00 | 18.86 -0.62 0.00 | 20.17 -0.71 0.00 | 20.49 -0.72 0.00 | 20.06 -0.64 0.00 | 20.04 -0.58 0.00 | 20.19 -0.56 0.00 | 20.53 -0.61 0.00 | 27.88 -0.92 0.00 | 52.95 -1.52 0.00 | 36.63 -1.01 0.00 | 31.06 -0.89 0.00 | 25.57 -0.76 0.00 | 20.51 -0.52 0.00 | 17.76 -0.33 0.00 | 12.30 -0.28 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 5.91 -0.21 0.00 | 5.18 -0.20 0.00 | 5.20 -0.18 0.00 | 5.12 -0.16 0.00 | 5.22 -0.16 0.00 | 6.87 -0.18 0.00 | 11.56 -0.27 0.00 | 16.06 -0.43 0.00 | 18.30 -0.62 0.00 | 18.82 -0.66 0.00 | 20.11 -0.77 0.00 | 20.43 -0.78 0.00 | 20.00 -0.70 0.00 | 19.98 -0.64 0.00 | 20.13 -0.62 0.00 | 20.49 -0.66 0.00 | 27.85 -0.95 0.00 | 52.84 -1.63 0.00 | 36.59 -1.05 0.00 | 31.02 -0.93 0.00 | 25.54 -0.79 0.00 | 20.48 -0.55 0.00 | 17.73 -0.36 0.00 | 12.26 -0.31 0.00 |
| CHAUTAUQUA___LFGE 323629 | 10.77 -0.04 -4.68 | 9.97 -0.04 -4.64 | 9.61 -0.01 -4.23 | 9.56 -0.05 -4.33 | 9.85 -0.03 -4.50 | 11.22 -0.08 -4.25 | 16.16 -0.21 -4.55 | 21.66 -0.16 -5.34 | 23.43 -0.28 -4.79 | 23.77 -0.25 -4.54 | 24.30 -0.40 -3.82 | 24.18 -0.34 -3.31 | 23.77 -0.21 -3.28 | 23.43 -0.27 -3.08 | 23.40 -0.35 -3.00 | 23.69 -0.34 -2.89 | 31.55 -0.55 -3.30 | 54.43 -1.47 -1.43 | 39.03 -0.75 -2.14 | 33.81 -0.45 -2.31 | 28.96 -0.26 -2.89 | 24.08 -0.42 -3.47 | 21.44 -0.49 -3.84 | 16.09 -0.09 -3.61 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH_MIDHUDSON___DRP 24192 | 39.50 0.45 -32.93 | 38.38 0.38 -32.62 | 35.54 0.38 -29.78 | 36.08 0.37 -30.42 | 37.44 0.38 -31.69 | 37.42 0.49 -29.86 | 44.71 0.89 -31.99 | 51.99 1.32 -34.18 | 51.30 1.68 -30.70 | 50.34 1.77 -29.09 | 47.31 1.94 -24.49 | 46.33 1.87 -23.25 | 45.52 1.78 -23.04 | 44.05 1.77 -21.66 | 43.74 1.87 -21.13 | 43.40 1.94 -20.31 | 54.72 2.71 -23.21 | 69.76 5.23 -10.06 | 56.20 3.50 -15.05 | 51.08 2.91 -16.22 | 49.06 2.37 -20.36 | 47.33 1.89 -24.40 | 46.64 1.52 -27.03 | 38.93 0.98 -25.38 |
| CH_MISC_IPPS 23765 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |
| CH_RES_BVR_FALLS 23983 | 3.93 -0.08 2.12 | 3.21 -0.07 2.10 | 3.39 -0.07 1.91 | 3.26 -0.06 1.96 | 3.27 -0.06 2.04 | 5.05 -0.08 1.92 | 9.63 -0.14 2.06 | 14.54 -0.21 1.73 | 17.08 -0.28 1.56 | 17.69 -0.31 1.48 | 19.30 -0.33 1.24 | 19.38 -0.34 1.50 | 18.91 -0.31 1.48 | 18.96 -0.27 1.39 | 19.14 -0.25 1.36 | 19.60 -0.23 1.31 | 26.99 -0.32 1.49 | 53.23 -0.60 0.65 | 36.27 -0.41 0.97 | 30.56 -0.35 1.04 | 24.71 -0.31 1.31 | 19.23 -0.23 1.57 | 16.17 -0.18 1.74 | 10.79 -0.15 1.63 |
| CH_RES_NIAGARA 23895 | 10.04 -0.30 -4.21 | 9.28 -0.27 -4.17 | 8.95 -0.24 -3.81 | 8.90 -0.27 -3.89 | 9.16 -0.26 -4.05 | 10.47 -0.41 -3.82 | 15.06 -0.86 -4.09 | 20.09 -1.20 -4.81 | 21.76 -1.48 -4.32 | 22.09 -1.48 -4.09 | 22.55 -1.77 -3.44 | 22.45 -1.74 -2.97 | 22.10 -1.55 -2.95 | 21.78 -1.61 -2.77 | 21.77 -1.68 -2.70 | 22.05 -1.69 -2.60 | 29.32 -2.45 -2.97 | 50.64 -5.12 -1.29 | 36.30 -3.28 -1.93 | 31.50 -2.52 -2.08 | 26.96 -1.98 -2.61 | 22.39 -1.77 -3.12 | 19.99 -1.56 -3.46 | 15.07 -0.75 -3.25 |
| CH_RES_SYRACUSE 23985 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| CLINTON_WT_PWR 323605 | 5.93 -0.20 0.00 | 5.20 -0.18 0.00 | 5.21 -0.17 0.00 | 5.13 -0.15 0.00 | 5.23 -0.14 0.00 | 6.89 -0.17 0.00 | 11.57 -0.26 0.00 | 16.08 -0.41 0.00 | 18.33 -0.59 0.00 | 18.86 -0.62 0.00 | 20.17 -0.71 0.00 | 20.49 -0.72 0.00 | 20.06 -0.64 0.00 | 20.04 -0.58 0.00 | 20.19 -0.56 0.00 | 20.53 -0.61 0.00 | 27.88 -0.92 0.00 | 52.95 -1.52 0.00 | 36.63 -1.01 0.00 | 31.06 -0.89 0.00 | 25.57 -0.76 0.00 | 20.51 -0.52 0.00 | 17.76 -0.33 0.00 | 12.30 -0.28 0.00 |
| CLINTON___LFGE 323618 | 5.97 -0.16 0.00 | 5.21 -0.17 0.00 | 5.24 -0.14 0.00 | 5.15 -0.13 0.00 | 5.26 -0.12 0.00 | 6.94 -0.11 0.00 | 11.67 -0.15 0.00 | 16.24 -0.25 0.00 | 18.47 -0.45 0.00 | 19.00 -0.49 0.00 | 20.25 -0.63 0.00 | 20.62 -0.59 0.00 | 20.15 -0.56 0.00 | 20.12 -0.50 0.00 | 20.27 -0.48 0.00 | 20.64 -0.51 0.00 | 28.08 -0.72 0.00 | 53.38 -1.09 0.00 | 37.01 -0.64 0.00 | 31.34 -0.61 0.00 | 25.80 -0.53 0.00 | 20.67 -0.36 0.00 | 17.89 -0.20 0.00 | 12.37 -0.20 0.00 |
| COLONIE_LFGE___ 323577 | 49.28 0.37 -42.78 | 48.09 0.33 -42.38 | 44.40 0.33 -38.69 | 45.13 0.32 -39.53 | 46.87 0.33 -41.16 | 46.30 0.44 -38.80 | 54.09 0.70 -41.56 | 60.01 1.07 -42.45 | 58.28 1.23 -38.13 | 56.86 1.25 -36.13 | 52.62 1.32 -30.43 | 52.69 1.27 -30.21 | 51.90 1.26 -29.93 | 50.00 1.24 -28.14 | 49.48 1.29 -27.45 | 48.88 1.35 -26.39 | 60.83 1.87 -30.16 | 71.19 3.65 -13.06 | 59.68 2.48 -19.55 | 55.20 2.17 -21.07 | 54.55 1.76 -26.45 | 54.12 1.39 -31.70 | 54.42 1.21 -35.12 | 46.34 0.79 -32.97 |
| CORNELL___ 23752 | 11.80 0.12 -5.55 | 10.98 0.10 -5.50 | 10.51 0.11 -5.02 | 10.50 0.09 -5.13 | 10.81 0.10 -5.34 | 12.25 0.16 -5.04 | 17.51 0.28 -5.40 | 23.30 0.46 -6.35 | 25.13 0.51 -5.70 | 25.43 0.54 -5.40 | 26.03 0.61 -4.55 | 25.83 0.70 -3.92 | 25.19 0.60 -3.89 | 24.81 0.54 -3.65 | 24.85 0.54 -3.56 | 25.14 0.57 -3.43 | 33.64 0.92 -3.91 | 58.02 1.85 -1.70 | 41.47 1.28 -2.54 | 35.77 1.09 -2.74 | 30.63 0.87 -3.43 | 25.69 0.55 -4.12 | 22.97 0.33 -4.56 | 17.17 0.31 -4.28 |
| COXSACKIE___GT 23611 | 40.43 0.48 -33.82 | 39.32 0.43 -33.51 | 36.40 0.44 -30.58 | 36.96 0.43 -31.25 | 38.35 0.44 -32.54 | 38.29 0.56 -30.67 | 45.71 1.03 -32.85 | 52.94 1.52 -34.93 | 52.05 1.76 -31.37 | 51.03 1.81 -29.73 | 47.83 1.92 -25.04 | 46.94 1.84 -23.88 | 46.16 1.80 -23.66 | 44.62 1.75 -22.25 | 44.27 1.83 -21.70 | 43.95 1.94 -20.86 | 55.49 2.85 -23.84 | 70.41 5.61 -10.33 | 56.83 3.73 -15.45 | 51.68 3.07 -16.66 | 49.75 2.50 -20.91 | 48.11 2.02 -25.06 | 47.48 1.63 -27.76 | 39.67 1.03 -26.06 |
| CRESCENT___HYD 24018 | 49.28 0.37 -42.78 | 48.09 0.33 -42.38 | 44.40 0.33 -38.69 | 45.13 0.32 -39.53 | 46.87 0.33 -41.16 | 46.30 0.44 -38.80 | 54.09 0.70 -41.56 | 60.01 1.07 -42.45 | 58.28 1.23 -38.13 | 56.86 1.25 -36.13 | 52.62 1.32 -30.43 | 52.69 1.27 -30.21 | 51.90 1.26 -29.93 | 50.00 1.24 -28.14 | 49.48 1.29 -27.45 | 48.88 1.35 -26.39 | 60.83 1.87 -30.16 | 71.19 3.65 -13.06 | 59.68 2.48 -19.55 | 55.20 2.17 -21.07 | 54.55 1.76 -26.45 | 54.12 1.39 -31.70 | 54.42 1.21 -35.12 | 46.34 0.79 -32.97 |
| CRUCIBLE_METL_DRP 24180 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| DANC___LFGE 323619 | 7.00 -0.01 -0.88 | 6.22 -0.03 -0.88 | 6.15 -0.03 -0.80 | 6.07 -0.03 -0.82 | 6.19 -0.03 -0.85 | 7.89 0.03 -0.80 | 12.81 0.12 -0.86 | 17.92 0.25 -1.18 | 20.15 0.17 -1.06 | 20.70 0.21 -1.01 | 21.98 0.25 -0.85 | 22.26 0.42 -0.62 | 21.61 0.29 -0.62 | 21.49 0.29 -0.58 | 21.56 0.25 -0.57 | 21.88 0.19 -0.55 | 29.80 0.37 -0.62 | 55.83 1.09 -0.27 | 38.54 0.49 -0.40 | 32.77 0.38 -0.44 | 27.04 0.16 -0.55 | 21.77 0.08 -0.66 | 18.91 0.09 -0.73 | 13.33 0.08 -0.68 |
| DANSKAMMER___1 23586 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |
| DANSKAMMER___2 23589 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___3 23590 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |
| DANSKAMMER___4 23591 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |
| DANSKAMMER___DIESEL 23592 | 38.01 0.48 -31.40 | 36.89 0.41 -31.11 | 34.18 0.41 -28.40 | 34.69 0.40 -29.01 | 35.99 0.41 -30.21 | 36.06 0.53 -28.47 | 43.30 0.97 -30.50 | 50.85 1.43 -32.92 | 50.32 1.83 -29.57 | 49.43 1.93 -28.02 | 46.58 2.11 -23.60 | 45.42 2.04 -22.17 | 44.62 1.95 -21.97 | 43.19 1.92 -20.65 | 42.90 2.01 -20.14 | 42.62 2.11 -19.37 | 53.90 2.97 -22.13 | 69.78 5.72 -9.59 | 55.84 3.84 -14.35 | 50.55 3.13 -15.47 | 48.33 2.58 -19.42 | 46.36 2.06 -23.27 | 45.49 1.63 -25.77 | 37.83 1.06 -24.20 |
| DASHVILLE___HYD 23610 | 37.24 0.44 -30.67 | 36.14 0.37 -30.39 | 33.49 0.37 -27.74 | 33.98 0.36 -28.34 | 35.26 0.37 -29.52 | 35.34 0.47 -27.82 | 42.49 0.86 -29.80 | 50.12 1.27 -32.36 | 49.63 1.65 -29.07 | 48.76 1.73 -27.54 | 45.97 1.90 -23.19 | 44.70 1.82 -21.66 | 43.90 1.74 -21.46 | 42.53 1.73 -20.18 | 42.25 1.83 -19.68 | 41.99 1.92 -18.92 | 53.16 2.74 -21.62 | 69.18 5.34 -9.37 | 55.17 3.50 -14.02 | 49.90 2.84 -15.11 | 47.64 2.34 -18.97 | 45.65 1.89 -22.73 | 44.75 1.48 -25.18 | 37.17 0.96 -23.64 |
| DELAWARE___LFGE 323621 | 18.21 0.22 -11.87 | 17.33 0.19 -11.76 | 16.30 0.19 -10.73 | 16.43 0.18 -10.96 | 16.99 0.19 -11.42 | 18.07 0.25 -10.76 | 23.81 0.45 -11.53 | 30.97 0.68 -13.80 | 32.17 0.85 -12.40 | 32.13 0.90 -11.75 | 31.75 0.98 -9.89 | 30.57 0.98 -8.38 | 29.90 0.89 -8.30 | 29.29 0.87 -7.81 | 29.25 0.89 -7.61 | 29.39 0.93 -7.32 | 38.46 1.30 -8.37 | 60.55 2.45 -3.62 | 44.77 1.70 -5.42 | 39.24 1.44 -5.85 | 34.85 1.19 -7.34 | 30.73 0.90 -8.79 | 28.52 0.69 -9.74 | 22.21 0.49 -9.15 |
| DOGLEVILLE___HYD 23807 | 5.25 0.26 1.14 | 4.48 0.23 1.13 | 4.58 0.23 1.03 | 4.45 0.23 1.05 | 4.51 0.23 1.10 | 6.33 0.31 1.03 | 11.25 0.53 1.11 | 16.42 0.78 0.84 | 19.09 0.93 0.76 | 19.74 0.97 0.72 | 21.32 1.04 0.60 | 21.53 1.12 0.81 | 20.96 1.06 0.80 | 20.94 1.07 0.75 | 21.16 1.14 0.73 | 21.66 1.23 0.70 | 29.75 1.76 0.80 | 57.56 3.43 0.35 | 39.50 2.37 0.52 | 33.40 2.01 0.56 | 27.26 1.63 0.71 | 21.43 1.24 0.85 | 18.15 0.99 0.94 | 12.35 0.65 0.88 |
| DUNKIRK___1 23563 | 10.74 -0.05 -4.66 | 9.95 -0.05 -4.62 | 9.58 -0.02 -4.22 | 9.54 -0.05 -4.31 | 9.82 -0.04 -4.49 | 11.19 -0.10 -4.23 | 16.12 -0.24 -4.53 | 21.61 -0.20 -5.31 | 23.37 -0.32 -4.77 | 23.71 -0.29 -4.52 | 24.23 -0.46 -3.81 | 24.12 -0.38 -3.29 | 23.72 -0.25 -3.26 | 23.38 -0.31 -3.07 | 23.32 -0.41 -2.99 | 23.64 -0.38 -2.88 | 31.46 -0.63 -3.29 | 54.26 -1.63 -1.42 | 38.95 -0.83 -2.13 | 33.74 -0.51 -2.30 | 28.90 -0.31 -2.88 | 24.02 -0.46 -3.46 | 21.39 -0.53 -3.83 | 16.05 -0.11 -3.59 |
| DUNKIRK___2 23564 | 10.74 -0.05 -4.66 | 9.95 -0.05 -4.62 | 9.58 -0.02 -4.22 | 9.54 -0.05 -4.31 | 9.82 -0.04 -4.49 | 11.19 -0.10 -4.23 | 16.12 -0.24 -4.53 | 21.61 -0.20 -5.31 | 23.37 -0.32 -4.77 | 23.71 -0.29 -4.52 | 24.23 -0.46 -3.81 | 24.12 -0.38 -3.29 | 23.72 -0.25 -3.26 | 23.38 -0.31 -3.07 | 23.32 -0.41 -2.99 | 23.64 -0.38 -2.88 | 31.46 -0.63 -3.29 | 54.26 -1.63 -1.42 | 38.95 -0.83 -2.13 | 33.74 -0.51 -2.30 | 28.90 -0.31 -2.88 | 24.02 -0.46 -3.46 | 21.39 -0.53 -3.83 | 16.05 -0.11 -3.59 |
| DUNKIRK___3 23565 | 10.63 -0.08 -4.58 | 9.83 -0.08 -4.54 | 9.48 -0.04 -4.14 | 9.43 -0.08 -4.23 | 9.71 -0.06 -4.40 | 11.08 -0.13 -4.15 | 15.97 -0.31 -4.45 | 21.38 -0.33 -5.22 | 23.13 -0.47 -4.69 | 23.48 -0.45 -4.44 | 23.99 -0.63 -3.74 | 23.89 -0.55 -3.23 | 23.47 -0.44 -3.20 | 23.16 -0.47 -3.01 | 23.12 -0.56 -2.94 | 23.42 -0.55 -2.82 | 31.17 -0.86 -3.23 | 53.80 -2.07 -1.40 | 38.61 -1.13 -2.09 | 33.44 -0.77 -2.26 | 28.63 -0.53 -2.83 | 23.79 -0.63 -3.39 | 21.18 -0.67 -3.76 | 15.90 -0.20 -3.53 |
| DUNKIRK___4 23566 | 10.63 -0.08 -4.58 | 9.83 -0.08 -4.54 | 9.48 -0.04 -4.14 | 9.43 -0.08 -4.23 | 9.71 -0.06 -4.40 | 11.08 -0.13 -4.15 | 15.97 -0.31 -4.45 | 21.38 -0.33 -5.22 | 23.13 -0.47 -4.69 | 23.48 -0.45 -4.44 | 23.99 -0.63 -3.74 | 23.89 -0.55 -3.23 | 23.47 -0.44 -3.20 | 23.16 -0.47 -3.01 | 23.12 -0.56 -2.94 | 23.42 -0.55 -2.82 | 31.17 -0.86 -3.23 | 53.80 -2.07 -1.40 | 38.61 -1.13 -2.09 | 33.44 -0.77 -2.26 | 28.63 -0.53 -2.83 | 23.79 -0.63 -3.39 | 21.18 -0.67 -3.76 | 15.90 -0.20 -3.53 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 37.01 0.45 -30.44 | 35.90 0.37 -30.15 | 33.27 0.37 -27.53 | 33.76 0.35 -28.12 | 35.02 0.36 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.45 1.68 -28.85 | 48.61 1.79 -27.34 | 45.88 1.98 -23.02 | 44.65 1.95 -21.49 | 43.86 1.86 -21.29 | 42.50 1.86 -20.02 | 42.22 1.95 -19.53 | 41.95 2.03 -18.77 | 53.05 2.79 -21.46 | 69.11 5.34 -9.29 | 55.17 3.61 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.55 | 44.61 1.54 -24.99 | 37.02 0.99 -23.46 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 36.37 0.43 -29.81 | 35.28 0.36 -29.54 | 32.70 0.36 -26.96 | 33.17 0.35 -27.54 | 34.41 0.35 -28.69 | 34.57 0.47 -27.04 | 41.64 0.85 -28.96 | 49.38 1.25 -31.64 | 48.96 1.63 -28.42 | 48.13 1.71 -26.93 | 45.45 1.90 -22.68 | 44.09 1.82 -21.05 | 43.30 1.74 -20.86 | 41.96 1.73 -19.61 | 41.68 1.80 -19.13 | 41.44 1.90 -18.39 | 52.47 2.65 -21.02 | 68.64 5.07 -9.10 | 54.70 3.43 -13.62 | 49.42 2.78 -14.69 | 47.05 2.29 -18.43 | 44.95 1.83 -22.09 | 44.01 1.45 -24.47 | 36.49 0.94 -22.98 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 36.99 0.42 -30.44 | 35.86 0.32 -30.16 | 33.22 0.32 -27.53 | 33.71 0.31 -28.12 | 34.98 0.32 -29.29 | 35.08 0.42 -27.60 | 42.16 0.77 -29.56 | 49.74 1.14 -32.11 | 49.39 1.63 -28.84 | 48.57 1.75 -27.33 | 45.89 2.00 -23.01 | 44.69 1.99 -21.49 | 43.90 1.90 -21.29 | 42.55 1.92 -20.02 | 42.28 2.01 -19.52 | 42.00 2.09 -18.77 | 52.99 2.74 -21.45 | 68.99 5.23 -9.29 | 55.13 3.58 -13.90 | 49.81 2.88 -14.99 | 47.57 2.42 -18.81 | 45.50 1.91 -22.56 | 44.64 1.56 -25.00 | 37.07 1.03 -23.47 |
| EAST HAMPTON___GT 23717 | 37.47 0.91 -30.44 | 36.23 0.69 -30.16 | 33.55 0.64 -27.53 | 34.04 0.63 -28.13 | 35.32 0.66 -29.29 | 35.67 1.01 -27.60 | 43.99 2.02 -30.14 | 51.75 2.87 -32.40 | 51.70 3.56 -29.23 | 50.77 3.62 -27.66 | 47.72 3.82 -23.02 | 46.55 3.84 -21.50 | 45.69 3.69 -21.30 | 44.23 3.59 -20.03 | 44.01 3.73 -19.53 | 44.04 3.97 -18.92 | 58.55 5.73 -24.01 | 77.94 10.62 -12.84 | 64.39 7.27 -19.47 | 56.35 5.88 -18.52 | 54.50 5.03 -23.14 | 48.76 4.12 -23.61 | 46.12 3.04 -24.99 | 38.17 2.14 -23.46 |
| EAST RIVER___6 23660 | 36.99 0.43 -30.44 | 35.88 0.34 -30.16 | 33.24 0.34 -27.53 | 33.74 0.33 -28.12 | 34.99 0.33 -29.29 | 35.11 0.44 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.29 | 42.56 1.92 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.08 2.82 -21.46 | 69.11 5.34 -9.29 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |

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| EAST_RIVER___7 23524 | 36.99 0.43 -30.44 | 35.88 0.34 -30.16 | 33.24 0.34 -27.53 | 33.74 0.33 -28.12 | 34.99 0.33 -29.29 | 35.11 0.44 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.29 | 42.56 1.92 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.08 2.82 -21.46 | 69.11 5.34 -9.29 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 36.94 0.44 -30.38 | 35.83 0.35 -30.10 | 33.21 0.35 -27.48 | 33.69 0.34 -28.07 | 34.96 0.35 -29.23 | 35.08 0.47 -27.55 | 42.17 0.83 -29.51 | 49.78 1.22 -32.08 | 49.35 1.63 -28.81 | 48.51 1.73 -27.30 | 45.78 1.92 -22.99 | 44.53 1.87 -21.45 | 43.74 1.78 -21.25 | 42.40 1.79 -19.99 | 42.13 1.89 -19.49 | 41.85 1.97 -18.74 | 52.90 2.68 -21.42 | 68.87 5.12 -9.28 | 54.99 3.46 -13.88 | 49.76 2.84 -14.97 | 47.46 2.34 -18.79 | 45.39 1.85 -22.51 | 44.49 1.46 -24.94 | 36.94 0.96 -23.41 |
| EAST_HAMPTON___DIESEL 23722 | 37.47 0.91 -30.44 | 36.23 0.70 -30.16 | 33.55 0.64 -27.53 | 34.04 0.63 -28.13 | 35.32 0.66 -29.29 | 35.67 1.01 -27.60 | 43.99 2.02 -30.14 | 51.75 2.87 -32.40 | 51.72 3.58 -29.23 | 50.77 3.62 -27.66 | 47.74 3.84 -23.02 | 46.55 3.84 -21.50 | 45.71 3.71 -21.30 | 44.23 3.59 -20.03 | 44.01 3.73 -19.53 | 44.04 3.97 -18.92 | 58.55 5.73 -24.01 | 77.94 10.62 -12.84 | 64.39 7.27 -19.47 | 56.38 5.91 -18.52 | 54.50 5.03 -23.14 | 48.76 4.12 -23.61 | 46.12 3.04 -24.99 | 38.17 2.14 -23.46 |
| EAST_RIVER___1 323558 | 37.01 0.45 -30.44 | 35.89 0.36 -30.15 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.51 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.94 1.95 -21.29 | 42.60 1.96 -20.02 | 42.33 2.05 -19.53 | 42.05 2.13 -18.77 | 53.14 2.88 -21.46 | 69.21 5.45 -9.29 | 55.28 3.73 -13.91 | 49.98 3.04 -14.99 | 47.65 2.50 -18.82 | 45.54 1.96 -22.55 | 44.65 1.57 -24.99 | 37.04 1.01 -23.46 |
| EAST_RIVER___2 323559 | 36.99 0.43 -30.44 | 35.88 0.34 -30.16 | 33.24 0.34 -27.53 | 33.74 0.33 -28.12 | 34.99 0.33 -29.29 | 35.11 0.44 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.29 | 42.56 1.92 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.08 2.82 -21.46 | 69.11 5.34 -9.29 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.50 1.91 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |
| EAST___DELAWARE_HYD 23607 | 32.06 0.42 -25.51 | 31.01 0.35 -25.28 | 28.81 0.35 -23.07 | 29.20 0.34 -23.57 | 30.27 0.35 -24.55 | 30.67 0.47 -23.14 | 37.49 0.88 -24.79 | 46.01 1.32 -28.20 | 45.91 1.67 -25.32 | 45.21 1.73 -24.00 | 42.99 1.90 -20.21 | 41.05 1.82 -18.02 | 40.27 1.72 -17.85 | 39.07 1.67 -16.78 | 38.86 1.74 -16.37 | 38.72 1.84 -15.74 | 49.38 2.59 -17.99 | 67.27 5.01 -7.79 | 52.66 3.35 -11.66 | 47.27 2.75 -12.57 | 44.34 2.24 -15.78 | 41.72 1.79 -18.91 | 40.46 1.43 -20.94 | 33.18 0.94 -19.66 |
| ELEC_TRO_TEK 24086 | 37.09 0.50 -30.46 | 35.92 0.37 -30.18 | 33.25 0.33 -27.53 | 33.73 0.32 -28.13 | 35.00 0.33 -29.30 | 35.21 0.53 -27.63 | 46.93 1.06 -34.03 | 52.34 1.55 -34.30 | 52.75 2.00 -31.82 | 51.48 2.12 -29.87 | 46.13 2.23 -23.02 | 44.96 2.25 -21.50 | 44.14 2.13 -21.30 | 42.75 2.10 -20.03 | 42.50 2.22 -19.53 | 42.47 2.30 -19.02 | 55.98 3.17 -24.01 | 73.36 6.05 -12.84 | 61.23 4.10 -19.47 | 53.86 3.39 -18.52 | 52.26 2.79 -23.14 | 46.84 2.21 -23.60 | 44.71 1.63 -24.99 | 37.23 1.18 -23.48 |
| ELLENBURG_WT_PWR 323604 | 5.93 -0.20 0.00 | 5.20 -0.18 0.00 | 5.21 -0.17 0.00 | 5.13 -0.15 0.00 | 5.23 -0.14 0.00 | 6.89 -0.17 0.00 | 11.57 -0.26 0.00 | 16.08 -0.41 0.00 | 18.33 -0.59 0.00 | 18.86 -0.62 0.00 | 20.17 -0.71 0.00 | 20.49 -0.72 0.00 | 20.06 -0.64 0.00 | 20.04 -0.58 0.00 | 20.19 -0.56 0.00 | 20.53 -0.61 0.00 | 27.88 -0.92 0.00 | 52.95 -1.52 0.00 | 36.63 -1.01 0.00 | 31.06 -0.89 0.00 | 25.57 -0.76 0.00 | 20.51 -0.52 0.00 | 17.76 -0.33 0.00 | 12.30 -0.28 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 10.42 -0.16 -4.45 | 9.65 -0.14 -4.41 | 9.30 -0.11 -4.02 | 9.25 -0.14 -4.11 | 9.52 -0.13 -4.28 | 10.86 -0.23 -4.03 | 15.65 -0.50 -4.32 | 20.93 -0.63 -5.07 | 22.68 -0.79 -4.56 | 23.02 -0.78 -4.32 | 23.53 -0.98 -3.64 | 23.42 -0.93 -3.14 | 23.03 -0.79 -3.11 | 22.72 -0.83 -2.93 | 22.69 -0.91 -2.85 | 22.98 -0.91 -2.74 | 30.59 -1.35 -3.14 | 52.84 -3.00 -1.36 | 37.87 -1.81 -2.03 | 32.83 -1.31 -2.19 | 28.08 -1.00 -2.75 | 23.32 -1.01 -3.30 | 20.78 -0.96 -3.65 | 15.61 -0.39 -3.43 |
| EMPIRE_CC_1 323656 | 46.34 0.31 -39.90 | 45.18 0.27 -39.53 | 41.74 0.27 -36.09 | 42.41 0.26 -36.87 | 44.04 0.27 -38.39 | 43.60 0.36 -36.19 | 51.11 0.52 -38.76 | 57.10 0.69 -39.92 | 55.58 0.81 -35.85 | 54.29 0.84 -33.98 | 50.40 0.92 -28.61 | 50.24 0.85 -28.18 | 49.43 0.81 -27.92 | 47.67 0.80 -26.25 | 47.20 0.85 -25.60 | 46.66 0.91 -24.61 | 58.17 1.24 -28.13 | 69.00 2.34 -12.18 | 57.50 1.62 -18.23 | 52.98 1.37 -19.66 | 52.16 1.16 -24.67 | 51.50 0.90 -29.57 | 51.84 0.99 -32.76 | 43.97 0.64 -30.75 |
| EMPIRE_CC_2 323658 | 46.34 0.31 -39.90 | 45.18 0.27 -39.53 | 41.74 0.27 -36.09 | 42.41 0.26 -36.87 | 44.04 0.27 -38.39 | 43.60 0.36 -36.19 | 51.11 0.52 -38.76 | 57.10 0.69 -39.92 | 55.58 0.81 -35.85 | 54.29 0.84 -33.98 | 50.40 0.92 -28.61 | 50.24 0.85 -28.18 | 49.43 0.81 -27.92 | 47.67 0.80 -26.25 | 47.20 0.85 -25.60 | 46.66 0.91 -24.61 | 58.17 1.24 -28.13 | 69.00 2.34 -12.18 | 57.50 1.62 -18.23 | 52.98 1.37 -19.66 | 52.16 1.16 -24.67 | 51.50 0.90 -29.57 | 51.84 0.99 -32.76 | 43.97 0.64 -30.75 |
| ERIE_WT_PWR 323693 | 10.50 -0.12 -4.49 | 9.71 -0.11 -4.45 | 9.36 -0.08 -4.06 | 9.31 -0.12 -4.15 | 9.59 -0.10 -4.32 | 10.94 -0.19 -4.07 | 15.78 -0.41 -4.36 | 21.13 -0.48 -5.12 | 22.89 -0.62 -4.60 | 23.21 -0.62 -4.36 | 23.73 -0.81 -3.67 | 23.64 -0.74 -3.17 | 23.24 -0.60 -3.14 | 22.91 -0.66 -2.95 | 22.88 -0.75 -2.88 | 23.19 -0.72 -2.77 | 30.87 -1.09 -3.17 | 53.34 -2.50 -1.37 | 38.23 -1.47 -2.05 | 33.14 -1.02 -2.21 | 28.34 -0.76 -2.78 | 23.54 -0.82 -3.33 | 20.96 -0.81 -3.69 | 15.73 -0.30 -3.46 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 11.69 0.11 -5.46 | 10.88 0.09 -5.41 | 10.41 0.10 -4.93 | 10.41 0.08 -5.04 | 10.71 0.09 -5.25 | 12.15 0.14 -4.95 | 17.39 0.26 -5.30 | 23.16 0.43 -6.24 | 25.00 0.47 -5.61 | 25.30 0.51 -5.31 | 25.89 0.54 -4.47 | 25.70 0.64 -3.85 | 25.06 0.54 -3.82 | 24.70 0.49 -3.59 | 24.73 0.48 -3.50 | 25.01 0.51 -3.37 | 33.48 0.84 -3.85 | 57.83 1.69 -1.67 | 41.31 1.17 -2.49 | 35.63 0.99 -2.69 | 30.49 0.79 -3.37 | 25.58 0.50 -4.04 | 22.86 0.29 -4.48 | 17.07 0.29 -4.21 |
| E_CANADA_CAP_HY 24051 | 59.01 0.22 -52.66 | 57.76 0.21 -52.17 | 53.22 0.22 -47.62 | 54.15 0.21 -48.65 | 56.27 0.23 -50.67 | 55.16 0.35 -47.76 | 63.55 0.57 -51.16 | 69.30 0.96 -51.85 | 66.66 1.17 -46.57 | 64.82 1.21 -44.13 | 59.25 1.21 -37.16 | 59.65 1.25 -37.19 | 58.77 1.22 -36.84 | 56.41 1.15 -34.64 | 55.67 1.14 -33.78 | 54.68 1.06 -32.48 | 67.54 1.61 -37.12 | 73.99 3.43 -16.08 | 63.93 2.22 -24.06 | 59.97 2.08 -25.94 | 60.47 1.58 -32.56 | 61.40 1.35 -39.02 | 62.26 0.94 -43.23 | 53.75 0.59 -40.58 |
| E_CANADA_MHWK_HY 24050 | 5.25 0.26 1.14 | 4.48 0.23 1.13 | 4.58 0.23 1.03 | 4.45 0.23 1.05 | 4.51 0.23 1.10 | 6.33 0.31 1.03 | 11.25 0.53 1.11 | 16.42 0.78 0.84 | 19.09 0.93 0.76 | 19.74 0.97 0.72 | 21.32 1.04 0.60 | 21.53 1.12 0.81 | 20.96 1.06 0.80 | 20.94 1.07 0.75 | 21.16 1.14 0.73 | 21.66 1.23 0.70 | 29.75 1.76 0.80 | 57.56 3.43 0.35 | 39.50 2.37 0.52 | 33.40 2.01 0.56 | 27.26 1.63 0.71 | 21.43 1.24 0.85 | 18.15 0.99 0.85 | 12.35 0.65 0.88 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| E_FISHKILL___LBMP 23776 | 38.05 0.40 -31.52 | 36.94 0.33 -31.23 | 34.22 0.33 -28.50 | 34.73 0.33 -29.12 | 36.03 0.33 -30.33 | 36.08 0.44 -28.58 | 43.23 0.78 -30.62 | 50.63 1.15 -32.99 | 50.06 1.51 -29.62 | 49.13 1.58 -28.07 | 46.27 1.75 -23.64 | 45.16 1.70 -22.26 | 44.37 1.62 -22.05 | 42.96 1.61 -20.73 | 42.67 1.70 -20.22 | 42.36 1.78 -19.44 | 53.44 2.42 -22.22 | 68.73 4.63 -9.62 | 55.21 3.16 -14.40 | 50.10 2.62 -15.53 | 47.95 2.13 -19.49 | 46.09 1.70 -23.35 | 45.32 1.36 -25.87 | 37.74 0.88 -24.29 |
| FAR ROCKAWAY___4 23548 | 37.23 0.61 -30.49 | 36.05 0.46 -30.21 | 33.34 0.42 -27.54 | 33.83 0.41 -28.13 | 35.10 0.42 -29.30 | 35.37 0.66 -27.65 | 52.56 1.30 -39.43 | 55.30 1.88 -36.93 | 56.75 2.40 -35.42 | 54.95 2.53 -32.94 | 46.55 2.65 -23.02 | 45.40 2.69 -21.50 | 44.57 2.57 -21.30 | 43.16 2.51 -20.03 | 42.93 2.66 -19.53 | 43.07 2.73 -19.20 | 56.26 3.45 -24.00 | 73.96 6.64 -12.84 | 61.67 4.55 -19.47 | 54.24 3.77 -18.52 | 52.55 3.08 -23.14 | 47.07 2.44 -23.60 | 44.83 1.75 -24.99 | 37.50 1.42 -23.51 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.51 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.94 1.95 -21.29 | 42.58 1.94 -20.02 | 42.33 2.05 -19.53 | 42.05 2.13 -18.77 | 53.11 2.85 -21.46 | 69.22 5.45 -9.29 | 55.28 3.73 -13.91 | 49.98 3.04 -14.99 | 47.65 2.50 -18.82 | 45.54 1.96 -22.55 | 44.65 1.57 -24.99 | 37.04 1.01 -23.46 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.13 0.47 -27.60 | 42.25 0.85 -29.57 | 49.90 1.29 -32.12 | 49.51 1.74 -28.85 | 48.69 1.87 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.94 1.95 -21.29 | 42.60 1.96 -20.02 | 42.35 2.07 -19.53 | 42.05 2.13 -18.77 | 53.14 2.88 -21.46 | 69.27 5.50 -9.29 | 55.28 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.56 1.98 -22.55 | 44.67 1.59 -24.99 | 37.04 1.01 -23.46 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.01 0.44 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.88 1.27 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.72 2.02 -21.49 | 43.92 1.93 -21.29 | 42.58 1.94 -20.02 | 42.33 2.05 -19.53 | 42.03 2.11 -18.77 | 53.11 2.85 -21.46 | 69.22 5.45 -9.29 | 55.25 3.69 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.54 1.96 -22.55 | 44.65 1.57 -24.99 | 37.02 0.99 -23.46 |
| FARRAGUT___LBMP 323566 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.34 -29.29 | 35.13 0.47 -27.60 | 42.23 0.83 -29.57 | 49.86 1.25 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.29 | 42.56 1.92 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.77 | 53.08 2.82 -21.46 | 69.11 5.34 -9.29 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.55 | 44.63 1.56 -24.99 | 37.02 0.99 -23.46 |
| FENNER___WINDPWR 24204 | 7.66 0.10 -1.43 | 6.88 0.08 -1.42 | 6.76 0.08 -1.30 | 6.68 0.07 -1.33 | 6.83 0.08 -1.38 | 8.49 0.13 -1.30 | 13.46 0.24 -1.39 | 18.74 0.40 -1.86 | 21.00 0.42 -1.67 | 21.51 0.45 -1.58 | 22.71 0.50 -1.33 | 22.82 0.59 -1.01 | 22.20 0.50 -1.00 | 22.01 0.45 -0.94 | 22.10 0.44 -0.92 | 22.47 0.44 -0.89 | 30.53 0.72 -1.01 | 56.44 1.52 -0.44 | 39.28 0.98 -0.66 | 33.49 0.83 -0.71 | 27.85 0.63 -0.89 | 22.51 0.42 -1.06 | 19.56 0.29 -1.18 | 13.93 0.25 -1.11 |
| FIBERTEK___ENERGY 23856 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| FITZPATRICK____ 23598 | 7.67 -0.13 -1.67 | 6.92 -0.11 -1.65 | 6.78 -0.11 -1.51 | 6.71 -0.11 -1.54 | 6.87 -0.11 -1.61 | 8.42 -0.15 -1.51 | 13.20 -0.25 -1.62 | 18.10 -0.31 -1.92 | 20.27 -0.38 -1.73 | 20.73 -0.39 -1.64 | 21.84 -0.42 -1.38 | 21.99 -0.40 -1.18 | 21.46 -0.41 -1.17 | 21.28 -0.43 -1.10 | 21.34 -0.48 -1.07 | 21.71 -0.47 -1.03 | 29.37 -0.61 -1.18 | 53.79 -1.20 -0.51 | 37.58 -0.83 -0.76 | 32.10 -0.67 -0.82 | 26.81 -0.55 -1.03 | 21.79 -0.48 -1.24 | 19.01 -0.45 -1.37 | 13.61 -0.25 -1.29 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 38.13 0.49 -31.52 | 37.02 0.42 -31.22 | 34.30 0.42 -28.50 | 34.81 0.41 -29.12 | 36.12 0.42 -30.33 | 36.18 0.54 -28.58 | 43.44 0.99 -30.62 | 50.97 1.47 -33.02 | 50.45 1.87 -29.65 | 49.55 1.97 -28.10 | 46.69 2.15 -23.66 | 45.55 2.08 -22.26 | 44.74 1.99 -22.05 | 43.31 1.96 -20.73 | 43.02 2.05 -20.22 | 42.74 2.16 -19.44 | 54.07 3.05 -22.22 | 69.98 5.88 -9.62 | 55.96 3.92 -14.40 | 50.67 3.19 -15.53 | 48.45 2.63 -19.49 | 46.49 2.10 -23.35 | 45.62 1.66 -25.87 | 37.94 1.08 -24.29 |
| FORT ORANGE____ 23900 | 46.88 0.34 -40.42 | 45.72 0.30 -40.04 | 42.23 0.30 -36.55 | 42.91 0.29 -37.34 | 44.56 0.30 -38.89 | 44.10 0.39 -36.65 | 51.73 0.64 -39.26 | 57.86 0.94 -40.43 | 56.29 1.06 -36.31 | 54.96 1.07 -34.41 | 51.00 1.15 -28.97 | 50.83 1.08 -28.54 | 50.04 1.06 -28.28 | 48.26 1.05 -26.59 | 47.78 1.10 -25.93 | 47.23 1.16 -24.93 | 58.91 1.61 -28.49 | 69.92 3.10 -12.34 | 58.22 2.11 -18.47 | 53.68 1.82 -19.91 | 52.82 1.50 -24.99 | 52.16 1.18 -29.95 | 52.28 1.01 -33.18 | 44.36 0.64 -31.15 |
| FORT_DRUM_COGEN 23780 | 6.94 -0.02 -0.84 | 6.17 -0.04 -0.83 | 6.10 -0.04 -0.76 | 6.01 -0.04 -0.78 | 6.14 -0.04 -0.81 | 7.83 0.01 -0.76 | 12.74 0.09 -0.82 | 17.84 0.21 -1.14 | 20.07 0.13 -1.02 | 20.62 0.17 -0.97 | 21.90 0.21 -0.81 | 22.16 0.36 -0.59 | 21.54 0.25 -0.59 | 21.42 0.25 -0.55 | 21.49 0.21 -0.54 | 21.81 0.15 -0.52 | 29.71 0.32 -0.59 | 55.66 0.93 -0.26 | 38.45 0.41 -0.38 | 32.65 0.29 -0.41 | 26.96 0.11 -0.52 | 21.69 0.04 -0.62 | 18.83 0.05 -0.69 | 13.27 0.05 -0.65 |
| FPL_FAR_ROCK_GT1 24212 | 37.23 0.61 -30.49 | 36.05 0.46 -30.21 | 33.34 0.42 -27.54 | 33.83 0.41 -28.13 | 35.10 0.42 -29.30 | 35.37 0.66 -27.65 | 52.56 1.30 -39.43 | 55.30 1.88 -36.93 | 56.75 2.40 -35.42 | 54.95 2.53 -32.94 | 46.55 2.65 -23.02 | 45.40 2.69 -21.50 | 44.57 2.57 -21.30 | 43.16 2.51 -20.03 | 42.93 2.66 -19.53 | 43.07 2.73 -19.20 | 56.26 3.45 -24.00 | 73.96 6.64 -12.84 | 61.67 4.55 -19.47 | 54.24 3.77 -18.52 | 52.55 3.08 -23.14 | 47.07 2.44 -23.60 | 44.83 1.75 -24.99 | 37.50 1.42 -23.51 |
| FPL_FAR_ROCK_GT2 23815 | 37.23 0.61 -30.49 | 36.05 0.46 -30.21 | 33.34 0.42 -27.54 | 33.83 0.41 -28.13 | 35.10 0.42 -29.30 | 35.37 0.66 -27.65 | 52.56 1.30 -39.43 | 55.30 1.88 -36.93 | 56.75 2.40 -35.42 | 54.95 2.53 -32.94 | 46.55 2.65 -23.02 | 45.40 2.69 -21.50 | 44.57 2.57 -21.30 | 43.16 2.51 -20.03 | 42.93 2.66 -19.53 | 43.07 2.73 -19.20 | 56.26 3.45 -24.00 | 73.96 6.64 -12.84 | 61.67 4.55 -19.47 | 54.24 3.77 -18.52 | 52.55 3.08 -23.14 | 47.07 2.44 -23.60 | 44.83 1.75 -24.99 | 37.50 1.42 -23.51 |
| FRANKLIN_FALL_HYD 24054 | 5.95 -0.18 0.00 | 5.19 -0.19 0.00 | 5.22 -0.16 0.00 | 5.13 -0.15 0.00 | 5.23 -0.14 0.00 | 6.91 -0.15 0.00 | 11.62 -0.21 0.00 | 16.14 -0.35 0.00 | 18.33 -0.59 0.00 | 18.88 -0.60 0.00 | 20.13 -0.75 0.00 | 20.45 -0.76 0.00 | 20.06 -0.64 0.00 | 20.04 -0.58 0.00 | 20.17 -0.58 0.00 | 20.49 -0.66 0.00 | 27.77 -1.04 0.00 | 52.78 -1.69 0.00 | 36.56 -1.09 0.00 | 30.99 -0.96 0.00 | 25.46 -0.87 0.00 | 20.48 -0.55 0.00 | 17.80 -0.29 0.00 | 12.31 -0.26 0.00 |

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|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| FREEPORT_EQUS_GT1 23764 | 37.13 | 35.96 | 33.28 | 33.76 | 35.04 | 35.27 | 46.58 | 52.26 | 52.59 | 51.33 | 46.26 | 45.08 | 44.26 | 42.85 | 42.60 | 42.59 | 56.18 | 73.85 | 61.60 | 54.21 | 52.55 | 47.07 | 44.85 | 37.33 |
| | 0.55 | 0.40 | 0.37 | 0.35 | 0.37 | 0.59 | 1.18 | 1.70 | 2.16 | 2.24 | 2.36 | 2.38 | 2.26 | 2.21 | 2.32 | 2.43 | 3.37 | 6.53 | 4.48 | 3.74 | 3.08 | 2.44 | 1.77 | 1.28 |
| | -30.46 | -30.18 | -27.53 | -28.13 | -29.29 | -27.62 | -33.57 | -34.07 | -31.51 | -29.61 | -23.02 | -21.50 | -21.30 | -20.03 | -19.53 | -19.02 | -24.01 | -12.84 | -19.47 | -18.52 | -23.14 | -23.60 | -24.99 | -23.48 |
| FREEPORT___CT2 23818 | 37.13 | 35.96 | 33.28 | 33.76 | 35.04 | 35.27 | 46.58 | 52.26 | 52.59 | 51.33 | 46.26 | 45.08 | 44.26 | 42.85 | 42.60 | 42.59 | 56.18 | 73.85 | 61.60 | 54.21 | 52.55 | 47.07 | 44.85 | 37.33 |
| | 0.55 | 0.40 | 0.37 | 0.35 | 0.37 | 0.59 | 1.18 | 1.70 | 2.16 | 2.24 | 2.36 | 2.38 | 2.26 | 2.21 | 2.32 | 2.43 | 3.37 | 6.53 | 4.48 | 3.74 | 3.08 | 2.44 | 1.77 | 1.28 |
| | -30.46 | -30.18 | -27.53 | -28.13 | -29.29 | -27.62 | -33.57 | -34.07 | -31.51 | -29.61 | -23.02 | -21.50 | -21.30 | -20.03 | -19.53 | -19.02 | -24.01 | -12.84 | -19.47 | -18.52 | -23.14 | -23.60 | -24.99 | -23.48 |
| FULTON COGEN____ 23766 | 8.17 | 7.40 | 7.23 | 7.16 | 7.34 | 8.89 | 13.76 | 18.82 | 20.96 | 21.41 | 22.46 | 22.59 | 22.01 | 21.82 | 21.87 | 22.23 | 30.09 | 54.74 | 38.35 | 32.80 | 27.48 | 22.38 | 19.57 | 14.08 |
| | -0.07 | -0.06 | -0.06 | -0.07 | -0.06 | -0.08 | -0.12 | -0.11 | -0.15 | -0.16 | -0.17 | -0.11 | -0.17 | -0.19 | -0.23 | -0.21 | -0.20 | -0.38 | -0.26 | -0.19 | -0.16 | -0.21 | -0.25 | -0.11 |
| | -2.11 | -2.09 | -1.91 | -1.95 | -2.03 | -1.91 | -2.05 | -2.45 | -2.20 | -2.08 | -1.75 | -1.49 | -1.47 | -1.39 | -1.35 | -1.30 | -1.49 | -0.64 | -0.96 | -1.04 | -1.30 | -1.56 | -1.73 | -1.62 |
| FULTON___LFGE 323630 | 56.67 | 55.42 | 51.11 | 51.99 | 54.02 | 53.21 | 61.77 | 67.97 | 65.93 | 64.25 | 59.02 | 59.40 | 58.62 | 56.34 | 55.59 | 54.78 | 68.14 | 78.15 | 66.08 | 61.67 | 61.20 | 61.27 | 61.47 | 52.62 |
| | 0.67 | 0.62 | 0.63 | 0.63 | 0.66 | 0.92 | 1.49 | 2.34 | 2.87 | 2.94 | 2.92 | 2.97 | 3.02 | 2.91 | 2.84 | 2.87 | 4.17 | 8.44 | 5.65 | 5.15 | 4.03 | 3.28 | 2.44 | 1.61 |
| | -49.87 | -49.41 | -45.10 | -46.08 | -47.99 | -45.23 | -48.45 | -49.15 | -44.14 | -41.83 | -35.22 | -35.22 | -34.89 | -32.81 | -32.00 | -30.76 | -35.16 | -15.23 | -22.79 | -24.57 | -30.84 | -36.96 | -40.94 | -38.44 |
| G.F.CEMENT___DRP 24184 | 49.81 | 48.61 | 44.89 | 45.63 | 47.39 | 46.82 | 54.74 | 60.80 | 59.01 | 57.58 | 53.30 | 53.36 | 52.55 | 50.69 | 50.17 | 49.57 | 61.78 | 72.51 | 60.73 | 56.16 | 55.37 | 54.86 | 55.18 | 46.93 |
| | 0.50 | 0.45 | 0.46 | 0.45 | 0.46 | 0.60 | 0.96 | 1.48 | 1.63 | 1.66 | 1.73 | 1.66 | 1.64 | 1.67 | 1.72 | 1.80 | 2.54 | 4.85 | 3.35 | 2.94 | 2.34 | 1.83 | 1.65 | 1.08 |
| | -43.18 | -42.78 | -39.05 | -39.90 | -41.55 | -39.16 | -41.95 | -42.82 | -38.46 | -36.45 | -30.69 | -30.49 | -30.21 | -28.41 | -27.70 | -26.63 | -30.44 | -13.19 | -19.73 | -21.27 | -26.70 | -32.00 | -35.45 | -33.28 |
| GARDENVILLE___LBMP 24039 | 10.49 | 9.71 | 9.35 | 9.31 | 9.58 | 10.93 | 15.74 | 21.04 | 22.79 | 23.13 | 23.64 | 23.52 | 23.13 | 22.80 | 22.78 | 23.07 | 30.71 | 53.01 | 38.05 | 32.95 | 28.22 | 23.42 | 20.88 | 15.69 |
| | -0.14 | -0.13 | -0.10 | -0.13 | -0.12 | -0.21 | -0.46 | -0.58 | -0.74 | -0.72 | -0.92 | -0.87 | -0.73 | -0.78 | -0.85 | -0.85 | -1.27 | -2.83 | -1.66 | -1.21 | -0.90 | -0.95 | -0.90 | -0.35 |
| | -4.50 | -4.46 | -4.07 | -4.16 | -4.33 | -4.08 | -4.37 | -5.13 | -4.61 | -4.37 | -3.68 | -3.18 | -3.15 | -2.96 | -2.89 | -2.78 | -3.17 | -1.37 | -2.06 | -2.22 | -2.78 | -3.34 | -3.70 | -3.47 |
| GENERAL___MILLS 23808 | 10.49 | 9.71 | 9.36 | 9.31 | 9.59 | 10.93 | 15.76 | 21.10 | 22.85 | 23.20 | 23.71 | 23.60 | 23.22 | 22.89 | 22.86 | 23.17 | 30.84 | 53.29 | 38.19 | 33.11 | 28.32 | 23.49 | 20.94 | 15.72 |
| | -0.13 | -0.12 | -0.08 | -0.12 | -0.11 | -0.20 | -0.43 | -0.51 | -0.66 | -0.64 | -0.84 | -0.78 | -0.62 | -0.68 | -0.77 | -0.74 | -1.12 | -2.56 | -1.51 | -1.05 | -0.79 | -0.86 | -0.83 | -0.31 |
| | -4.49 | -4.45 | -4.06 | -4.15 | -4.32 | -4.07 | -4.36 | -5.12 | -4.60 | -4.36 | -3.67 | -3.17 | -3.14 | -2.95 | -2.88 | -2.77 | -3.17 | -1.37 | -2.05 | -2.21 | -2.78 | -3.33 | -3.69 | -3.46 |
| GE_PLASTICS___DRP 24183 | 47.09 | 45.93 | 42.41 | 43.11 | 44.76 | 44.27 | 51.89 | 57.91 | 56.32 | 54.99 | 51.00 | 50.89 | 50.07 | 48.28 | 47.80 | 47.25 | 58.86 | 69.51 | 58.04 | 53.52 | 52.77 | 52.18 | 52.35 | 44.47 |
| | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.33 | 0.54 | 0.79 | 0.91 | 0.94 | 1.00 | 0.96 | 0.91 | 0.91 | 0.95 | 1.01 | 1.38 | 2.61 | 1.81 | 1.53 | 1.29 | 1.01 | 0.87 | 0.55 |
| | -40.67 | -40.30 | -36.78 | -37.58 | -39.14 | -36.89 | -39.51 | -40.63 | -36.49 | -34.58 | -29.12 | -28.72 | -28.45 | -26.76 | -26.09 | -25.09 | -28.67 | -12.42 | -18.59 | -20.04 | -25.15 | -30.14 | -33.39 | -31.35 |
| GILBOA___1 23756 | 37.07 | 36.02 | 33.37 | 33.86 | 35.14 | 35.17 | 42.12 | 48.78 | 48.16 | 47.26 | 44.53 | 43.82 | 43.07 | 41.70 | 41.37 | 41.05 | 51.71 | 66.03 | 53.25 | 48.48 | 46.52 | 44.72 | 44.05 | 36.73 |
| | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.27 | 0.47 | 0.66 | 0.83 | 0.86 | 0.98 | 0.93 | 0.89 | 0.89 | 0.93 | 0.97 | 1.27 | 2.18 | 1.58 | 1.40 | 1.21 | 0.95 | 0.76 | 0.50 |
| | -30.69 | -30.41 | -27.76 | -28.36 | -29.53 | -27.84 | -29.82 | -31.64 | -28.41 | -26.93 | -22.67 | -21.67 | -21.47 | -20.19 | -19.69 | -18.93 | -21.64 | -9.37 | -14.03 | -15.12 | -18.98 | -22.74 | -25.20 | -23.66 |
| GILBOA___2 23757 | 37.07 | 36.02 | 33.37 | 33.86 | 35.14 | 35.17 | 42.12 | 48.78 | 48.16 | 47.26 | 44.53 | 43.82 | 43.07 | 41.70 | 41.37 | 41.05 | 51.71 | 66.03 | 53.25 | 48.48 | 46.52 | 44.72 | 44.05 | 36.73 |
| | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.27 | 0.47 | 0.66 | 0.83 | 0.86 | 0.98 | 0.93 | 0.89 | 0.89 | 0.93 | 0.97 | 1.27 | 2.18 | 1.58 | 1.40 | 1.21 | 0.95 | 0.76 | 0.50 |
| | -30.69 | -30.41 | -27.76 | -28.36 | -29.53 | -27.84 | -29.82 | -31.64 | -28.41 | -26.93 | -22.67 | -21.67 | -21.47 | -20.19 | -19.69 | -18.93 | -21.64 | -9.37 | -14.03 | -15.12 | -18.98 | -22.74 | -25.20 | -23.66 |
| GILBOA___3 23758 | 37.07 | 36.02 | 33.37 | 33.86 | 35.14 | 35.17 | 42.12 | 48.78 | 48.16 | 47.26 | 44.53 | 43.82 | 43.07 | 41.70 | 41.37 | 41.05 | 51.71 | 66.03 | 53.25 | 48.48 | 46.52 | 44.72 | 44.05 | 36.73 |
| | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.27 | 0.47 | 0.66 | 0.83 | 0.86 | 0.98 | 0.93 | 0.89 | 0.89 | 0.93 | 0.97 | 1.27 | 2.18 | 1.58 | 1.40 | 1.21 | 0.95 | 0.76 | 0.50 |
| | -30.69 | -30.41 | -27.76 | -28.36 | -29.53 | -27.84 | -29.82 | -31.64 | -28.41 | -26.93 | -22.67 | -21.67 | -21.47 | -20.19 | -19.69 | -18.93 | -21.64 | -9.37 | -14.03 | -15.12 | -18.98 | -22.74 | -25.20 | -23.66 |
| GILBOA___4 23759 | 37.07 | 36.02 | 33.37 | 33.86 | 35.14 | 35.17 | 42.12 | 48.78 | 48.16 | 47.26 | 44.53 | 43.82 | 43.07 | 41.70 | 41.37 | 41.05 | 51.71 | 66.03 | 53.25 | 48.48 | 46.52 | 44.72 | 44.05 | 36.73 |
| | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.27 | 0.47 | 0.66 | 0.83 | 0.86 | 0.98 | 0.93 | 0.89 | 0.89 | 0.93 | 0.97 | 1.27 | 2.18 | 1.58 | 1.40 | 1.21 | 0.95 | 0.76 | 0.50 |
| | -30.69 | -30.41 | -27.76 | -28.36 | -29.53 | -27.84 | -29.82 | -31.64 | -28.41 | -26.93 | -22.67 | -21.67 | -21.47 | -20.19 | -19.69 | -18.93 | -21.64 | -9.37 | -14.03 | -15.12 | -18.98 | -22.74 | -25.20 | -23.66 |
| GILBOA____ 23599 | 37.07 | 36.02 | 33.37 | 33.86 | 35.14 | 35.17 | 42.12 | 48.78 | 48.16 | 47.26 | 44.53 | 43.82 | 43.07 | 41.70 | 41.37 | 41.05 | 51.71 | 66.03 | 53.25 | 48.48 | 46.52 | 44.72 | 44.05 | 36.73 |
| | 0.25 | 0.23 | 0.23 | 0.22 | 0.23 | 0.27 | 0.47 | 0.66 | 0.83 | 0.86 | 0.98 | 0.93 | 0.89 | 0.89 | 0.93 | 0.97 | 1.27 | 2.18 | 1.58 | 1.40 | 1.21 | 0.95 | 0.76 | 0.50 |
| | -30.69 | -30.41 | -27.76 | -28.36 | -29.53 | -27.84 | -29.82 | -31.64 | -28.41 | -26.93 | -22.67 | -21.67 | -21.47 | -20.19 | -19.69 | -18.93 | -21.64 | -9.37 | -14.03 | -15.12 | -18.98 | -22.74 | -25.20 | -23.66 |
| GINNA_____ 23603 | 8.87 | 8.16 | 7.90 | 7.84 | 8.05 | 9.46 | 14.10 | 19.11 | 21.00 | 21.36 | 22.07 | 22.04 | 21.57 | 21.31 | 21.34 | 21.66 | 29.19 | 52.10 | 36.78 | 31.61 | 26.71 | 21.98 | 19.37 | 14.23 |
| | -0.39 | -0.32 | -0.31 | -0.33 | -0.34 | -0.43 | -0.77 | -1.02 | -1.19 | -1.23 | -1.42 | -1.38 | -1.33 | -1.36 | -1.41 | -1.42 | -1.81 | -3.32 | -2.30 | -1.89 | -1.55 | -1.37 | -1.28 | -0.75 |
| | -3.13 | -3.10 | -2.83 | -2.89 | -3.01 | -2.84 | -3.04 | -3.65 | -3.27 | -3.10 | -2.61 | -2.21 | -2.19 | -2.06 | -2.01 | -1.93 | -2.21 | -0.96 | -1.43 | -1.54 | -1.93 | -2.32 | -2.57 | -2.41 |
| GLEN PARK_____ 23778 | 7.04 | 6.26 | 6.19 | 6.10 | 6.23 | 7.93 | 12.87 | 18.01 | 20.24 | 20.81 | 22.08 | 22.37 | 21.72 | 21.57 | 21.65 | 21.96 | 29.97 | 56.12 | 38.71 | 32.91 | 27.16 | 21.88 | 18.98 | 13.38 |
| | 0.00 | -0.02 | -0.02 | -0.03 | -0.02 | 0.04 | 0.15 | 0.31 | 0.23 | 0.29 | 0.33 | 0.51 | 0.37 | 0.35 | 0.31 | 0.25 | 0.52 | 1.36 | 0.64 | 0.51 | 0.26 | 0.17 | 0.14 | 0.10 |
| | -0.92 | -0.91 | -0.83 | -0.85 | -0.88 | -0.83 | -0.89 | -1.21 | -1.09 | -1.03 | -0.87 | -0.65 | -0.64 | -0.60 | -0.59 | -0.56 | -0.65 | -0.28 | -0.42 | -0.45 | -0.57 | -0.68 | -0.75 | -0.71 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 37.09 0.51 -30.45 | 35.94 0.39 -30.17 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.37 -29.29 | 35.22 0.54 -27.62 | 45.27 1.05 -32.38 | 51.53 1.55 -33.49 | 51.65 2.00 -30.72 | 50.54 2.12 -28.94 | 46.18 2.28 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.79 2.14 -20.03 | 42.54 2.26 -19.53 | 42.46 2.35 -18.97 | 55.86 3.05 -24.01 | 73.15 5.83 -12.84 | 61.07 3.95 -19.47 | 53.73 3.26 -18.52 | 52.16 2.69 -23.14 | 46.76 2.12 -23.60 | 44.78 1.70 -24.99 | 37.21 1.17 -23.47 |
| GLENWOOD_IC_2_G1 23688 | 37.05 0.48 -30.44 | 35.92 0.38 -30.16 | 33.27 0.36 -27.53 | 33.76 0.35 -28.13 | 35.03 0.36 -29.29 | 35.18 0.51 -27.61 | 43.84 0.98 -31.03 | 50.75 1.43 -32.83 | 50.63 1.89 -29.82 | 49.63 1.99 -28.16 | 46.05 2.15 -23.02 | 44.85 2.14 -21.50 | 44.05 2.05 -21.30 | 42.67 2.02 -20.03 | 42.42 2.14 -19.53 | 42.27 2.22 -18.91 | 55.83 3.02 -24.00 | 73.09 5.77 -12.84 | 61.04 3.92 -19.47 | 53.70 3.23 -18.52 | 52.13 2.66 -23.14 | 46.73 2.10 -23.60 | 44.71 1.63 -24.99 | 37.14 1.11 -23.46 |
| GLENWOOD_IC_3_G1 23689 | 37.05 0.48 -30.44 | 35.92 0.38 -30.16 | 33.27 0.36 -27.53 | 33.76 0.35 -28.13 | 35.03 0.36 -29.29 | 35.18 0.51 -27.61 | 43.84 0.98 -31.03 | 50.75 1.43 -32.83 | 50.63 1.89 -29.82 | 49.63 1.99 -28.16 | 46.05 2.15 -23.02 | 44.85 2.14 -21.50 | 44.05 2.05 -21.30 | 42.67 2.02 -20.03 | 42.42 2.14 -19.53 | 42.27 2.22 -18.91 | 55.83 3.02 -24.00 | 73.09 5.77 -12.84 | 61.04 3.92 -19.47 | 53.70 3.23 -18.52 | 52.13 2.66 -23.14 | 46.73 2.10 -23.60 | 44.71 1.63 -24.99 | 37.14 1.11 -23.46 |
| GLENWOOD___4 23550 | 37.09 0.51 -30.45 | 35.94 0.39 -30.17 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.37 -29.29 | 35.22 0.54 -27.62 | 45.27 1.05 -32.38 | 51.53 1.55 -33.49 | 51.65 2.00 -30.72 | 50.54 2.12 -28.94 | 46.18 2.28 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.79 2.14 -20.03 | 42.54 2.26 -19.53 | 42.46 2.35 -18.97 | 55.92 3.11 -24.01 | 73.25 5.94 -12.84 | 61.15 4.03 -19.47 | 53.80 3.32 -18.52 | 52.21 2.74 -23.14 | 46.80 2.17 -23.60 | 44.78 1.70 -24.99 | 37.21 1.17 -23.47 |
| GLENWOOD___5 23614 | 37.09 0.51 -30.45 | 35.94 0.39 -30.17 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.37 -29.29 | 35.22 0.54 -27.62 | 45.27 1.05 -32.38 | 51.53 1.55 -33.49 | 51.65 2.00 -30.72 | 50.54 2.12 -28.94 | 46.18 2.28 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.79 2.14 -20.03 | 42.54 2.26 -19.53 | 42.46 2.35 -18.97 | 55.92 3.11 -24.01 | 73.25 5.94 -12.84 | 61.15 4.03 -19.47 | 53.80 3.32 -18.52 | 52.21 2.74 -23.14 | 46.80 2.17 -23.60 | 44.78 1.70 -24.99 | 37.21 1.17 -23.47 |
| GLOBAL GREEN_PORT_GT1 23814 | 37.46 0.89 -30.44 | 36.22 0.69 -30.16 | 33.54 0.63 -27.53 | 34.03 0.62 -28.13 | 35.32 0.65 -29.29 | 35.66 1.00 -27.60 | 43.97 2.00 -30.14 | 51.72 2.84 -32.40 | 51.68 3.54 -29.23 | 50.75 3.60 -27.66 | 47.70 3.80 -23.02 | 46.53 3.82 -21.50 | 45.69 3.69 -21.30 | 44.21 3.57 -20.03 | 43.99 3.71 -19.53 | 44.02 3.95 -18.92 | 58.49 5.67 -24.01 | 77.88 10.57 -12.84 | 64.31 7.19 -19.47 | 56.32 5.85 -18.52 | 54.45 4.98 -23.14 | 48.72 4.08 -23.61 | 46.08 3.00 -24.99 | 38.14 2.11 -23.46 |
| GLOBE___DSASP 323697 | 10.02 -0.32 -4.21 | 9.27 -0.28 -4.17 | 8.94 -0.25 -3.81 | 8.89 -0.28 -3.89 | 9.14 -0.28 -4.05 | 10.44 -0.43 -3.82 | 15.02 -0.90 -4.09 | 20.02 -1.27 -4.80 | 21.70 -1.53 -4.31 | 22.01 -1.56 -4.09 | 22.48 -1.84 -3.44 | 22.38 -1.80 -2.97 | 22.01 -1.64 -2.94 | 21.72 -1.67 -2.77 | 21.68 -1.76 -2.70 | 21.98 -1.75 -2.60 | 29.21 -2.56 -2.97 | 50.42 -5.34 -1.29 | 36.15 -3.43 -1.92 | 31.37 -2.65 -2.07 | 26.85 -2.08 -2.60 | 22.30 -1.85 -3.12 | 19.92 -1.63 -3.45 | 15.03 -0.79 -3.24 |
| GOETHSLN___LBMP 323567 | 36.98 0.41 -30.44 | 35.86 0.33 -30.16 | 33.23 0.33 -27.53 | 33.72 0.32 -28.12 | 34.98 0.32 -29.29 | 35.09 0.43 -27.60 | 42.18 0.78 -29.57 | 49.76 1.15 -32.12 | 49.37 1.61 -28.85 | 48.53 1.71 -27.34 | 45.80 1.90 -23.02 | 44.59 1.89 -21.49 | 43.80 1.80 -21.29 | 42.46 1.81 -20.02 | 42.22 1.95 -19.53 | 41.93 2.01 -18.77 | 52.94 2.68 -21.46 | 68.84 5.07 -9.29 | 55.02 3.46 -13.91 | 49.76 2.81 -14.99 | 47.47 2.32 -18.82 | 45.39 1.81 -22.55 | 44.54 1.46 -24.99 | 36.96 0.93 -23.46 |
| GOODYEAR_LAKE_HYD 323669 | 13.54 0.24 -7.18 | 12.70 0.21 -7.11 | 12.08 0.21 -6.49 | 12.11 0.20 -6.63 | 12.49 0.21 -6.90 | 13.87 0.30 -6.51 | 19.34 0.54 -6.97 | 26.60 0.84 -9.27 | 28.27 1.02 -8.33 | 28.44 1.07 -7.89 | 28.69 1.17 -6.64 | 27.51 1.23 -5.07 | 26.82 1.10 -5.02 | 26.39 1.05 -4.72 | 26.43 1.08 -4.60 | 26.65 1.08 -4.43 | 35.41 1.55 -5.06 | 59.77 3.10 -2.19 | 43.00 2.07 -3.28 | 37.27 1.79 -3.53 | 32.19 1.42 -4.44 | 27.44 1.09 -5.32 | 24.79 0.81 -5.89 | 18.67 0.57 -5.53 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 15.48 0.07 -9.28 | 14.62 0.05 -9.19 | 13.83 0.06 -8.39 | 13.90 0.05 -8.57 | 14.36 0.06 -8.93 | 15.54 0.07 -8.41 | 20.95 0.11 -9.01 | 27.15 0.13 -10.53 | 28.53 0.15 -9.46 | 28.62 0.17 -8.97 | 28.61 0.19 -7.55 | 27.97 0.21 -6.55 | 27.34 0.15 -6.49 | 26.84 0.12 -6.10 | 26.80 0.10 -5.95 | 26.99 0.13 -5.72 | 35.51 0.17 -6.54 | 57.58 0.27 -2.83 | 42.11 0.23 -4.24 | 36.78 0.25 -4.57 | 32.33 0.26 -5.74 | 28.03 0.13 -6.87 | 25.70 0.00 -7.61 | 19.84 0.11 -7.15 |
| GOUDEY___7 23579 | 15.48 0.07 -9.28 | 14.62 0.05 -9.19 | 13.84 0.07 -8.39 | 13.90 0.05 -8.57 | 14.36 0.06 -8.93 | 15.55 0.08 -8.41 | 20.96 0.12 -9.01 | 27.17 0.15 -10.53 | 28.55 0.17 -9.46 | 28.64 0.19 -8.97 | 28.64 0.21 -7.55 | 27.99 0.23 -6.55 | 27.36 0.16 -6.49 | 26.87 0.15 -6.10 | 26.82 0.13 -5.95 | 27.01 0.15 -5.72 | 35.54 0.20 -6.54 | 57.63 0.33 -2.83 | 42.15 0.27 -4.24 | 36.81 0.29 -4.57 | 32.36 0.29 -5.74 | 28.05 0.15 -6.87 | 25.72 0.02 -7.61 | 19.85 0.13 -7.15 |
| GOUDEY___8 23580 | 15.48 0.07 -9.28 | 14.62 0.05 -9.19 | 13.83 0.06 -8.39 | 13.90 0.05 -8.57 | 14.36 0.06 -8.93 | 15.54 0.07 -8.41 | 20.95 0.11 -9.01 | 27.15 0.13 -10.53 | 28.53 0.15 -9.46 | 28.62 0.17 -8.97 | 28.61 0.19 -7.55 | 27.97 0.21 -6.55 | 27.34 0.15 -6.49 | 26.84 0.12 -6.10 | 26.80 0.10 -5.95 | 26.99 0.13 -5.72 | 35.51 0.17 -6.54 | 57.58 0.27 -2.83 | 42.11 0.23 -4.24 | 36.78 0.25 -4.57 | 32.33 0.26 -5.74 | 28.03 0.13 -6.87 | 25.70 0.00 -7.61 | 19.84 0.11 -7.15 |
| GOWANUS_GT1_1 24077 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT1_2 24078 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT1_3 24079 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| GOWANUS_GT1_4 24080 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT1_5 24084 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT1_6 24111 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT1_7 24112 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT1_8 24113 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_1 24114 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_2 24115 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_3 24116 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_4 24117 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_5 24118 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_6 24119 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_7 24120 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT2_8 24121 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT3_1 24122 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |
| GOWANUS_GT3_2 24123 | 37.04 | 35.90 | 33.27 | 33.75 | 35.02 | 35.14 | 42.26 | 49.88 | 49.55 | 48.75 | 46.07 | 44.85 | 44.06 | 42.69 | 42.44 | 42.17 | 53.28 | 69.65 | 55.59 | 50.21 | 47.87 | 45.75 | 44.82 | 37.16 |
| | 0.47 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.27 | 1.78 | 1.93 | 2.17 | 2.14 | 2.05 | 2.04 | 2.16 | 2.24 | 3.02 | 5.88 | 4.03 | 3.26 | 2.71 | 2.17 | 1.74 | 1.12 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.50 | -21.30 | -20.03 | -19.54 | -18.78 | -21.46 | -9.30 | -13.91 | -14.99 | -18.82 | -22.56 | -25.00 | -23.47 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3 24124 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT3_4 24125 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT3_5 24126 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT3_6 24127 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT3_7 24128 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT3_8 24129 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_1 24130 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_2 24131 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_3 24132 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_4 24133 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_5 24134 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_6 24135 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_7 24136 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GOWANUS_GT4_8 24137 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GREENIDGE___3 23582 | 11.92 0.09 -5.70 | 11.10 0.07 -5.65 | 10.62 0.09 -5.16 | 10.61 0.06 -5.27 | 10.93 0.08 -5.49 | 12.34 0.11 -5.17 | 17.57 0.20 -5.54 | 23.30 0.31 -6.50 | 25.08 0.32 -5.84 | 25.36 0.35 -5.53 | 25.87 0.33 -4.66 | 25.68 0.45 -4.03 | 25.04 0.35 -3.99 | 24.66 0.29 -3.75 | 24.65 0.25 -3.66 | 24.96 0.30 -3.52 | 33.34 0.52 -4.02 | 57.30 1.09 -1.74 | 41.05 0.79 -2.61 | 35.50 0.74 -2.81 | 30.46 0.61 -3.53 | 25.55 0.29 -4.22 | 22.82 0.05 -4.68 | 17.17 0.20 -4.39 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GREENIDGE___4 23583 | 11.92 0.09 -5.70 | 11.10 0.07 -5.65 | 10.62 0.09 -5.16 | 10.61 0.06 -5.27 | 10.93 0.08 -5.49 | 12.34 0.11 -5.17 | 17.57 0.20 -5.54 | 23.30 0.31 -6.50 | 25.08 0.32 -5.84 | 25.36 0.35 -5.53 | 25.87 0.33 -4.66 | 25.68 0.45 -4.03 | 25.04 0.35 -3.99 | 24.66 0.29 -3.75 | 24.65 0.25 -3.66 | 24.96 0.30 -3.52 | 33.34 0.52 -4.02 | 57.30 1.09 -1.74 | 41.05 0.79 -2.61 | 35.50 0.74 -2.81 | 30.46 0.61 -3.53 | 25.55 0.29 -4.22 | 22.82 0.05 -4.68 | 17.17 0.20 -4.39 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| GROVEVILLE___HYD 323602 | 38.13 0.49 -31.52 | 37.02 0.42 -31.22 | 34.30 0.42 -28.50 | 34.81 0.41 -29.12 | 36.12 0.42 -30.33 | 36.18 0.54 -28.58 | 43.44 0.99 -30.62 | 50.97 1.47 -33.02 | 50.45 1.87 -29.65 | 49.55 1.97 -28.10 | 46.69 2.15 -23.66 | 45.55 2.08 -22.26 | 44.74 1.99 -22.05 | 43.31 1.96 -20.73 | 43.02 2.05 -20.22 | 42.74 2.16 -19.44 | 54.07 3.05 -22.22 | 69.98 5.88 -9.62 | 55.96 3.92 -14.40 | 50.67 3.19 -15.53 | 48.45 2.63 -19.49 | 46.49 2.10 -23.35 | 45.62 1.66 -25.87 | 37.94 1.08 -24.29 |
| HAMPSHIRE___PAPER_HYD 323593 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.18 0.00 | 6.87 -0.19 0.00 | 11.53 -0.30 0.00 | 16.04 -0.44 0.00 | 18.30 -0.62 0.00 | 18.86 -0.62 0.00 | 20.23 -0.65 0.00 | 20.51 -0.70 0.00 | 20.19 -0.52 0.00 | 20.16 -0.45 0.00 | 20.21 -0.54 0.00 | 20.40 -0.74 0.00 | 27.59 -1.21 0.00 | 52.35 -2.13 0.00 | 36.07 -1.58 0.00 | 30.58 -1.37 0.00 | 25.09 -1.24 0.00 | 20.21 -0.82 0.00 | 17.65 -0.43 0.00 | 12.25 -0.33 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 5.16 0.18 1.14 | 4.40 0.15 1.13 | 4.50 0.15 1.03 | 4.37 0.15 1.05 | 4.43 0.15 1.10 | 6.23 0.21 1.03 | 11.09 0.37 1.11 | 16.19 0.54 0.84 | 18.82 0.66 0.76 | 19.46 0.70 0.72 | 21.05 0.77 0.60 | 21.25 0.85 0.81 | 20.69 0.79 0.80 | 20.69 0.83 0.75 | 20.91 0.89 0.73 | 21.43 0.99 0.70 | 29.47 1.47 0.80 | 56.96 2.83 0.35 | 39.08 1.96 0.52 | 33.08 1.69 0.56 | 26.99 1.37 0.71 | 21.22 1.03 0.85 | 17.93 0.78 0.94 | 12.20 0.50 0.88 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 34.76 0.45 -28.19 | 33.68 0.38 -27.93 | 31.25 0.38 -25.49 | 31.69 0.36 -26.04 | 32.87 0.37 -27.12 | 33.12 0.49 -25.56 | 40.10 0.89 -27.39 | 48.11 1.30 -30.32 | 47.83 1.68 -27.23 | 47.06 1.77 -25.80 | 44.55 1.94 -21.73 | 43.00 1.89 -19.91 | 42.25 1.82 -19.72 | 40.96 1.79 -18.54 | 40.70 1.87 -18.08 | 40.50 1.97 -17.39 | 51.41 2.74 -19.87 | 68.36 5.28 -8.61 | 54.07 3.54 -12.88 | 48.75 2.91 -13.89 | 46.16 2.40 -17.43 | 43.81 1.89 -20.89 | 42.73 1.50 -23.14 | 35.28 0.98 -21.73 |
| HARZA MOOSE___RIVER 24016 | 6.13 0.01 0.00 | 5.37 -0.01 0.00 | 5.37 -0.01 0.00 | 5.27 -0.01 0.00 | 5.37 -0.01 0.00 | 7.09 0.03 0.00 | 11.92 0.09 0.00 | 16.67 0.18 0.00 | 19.09 0.17 0.00 | 19.68 0.19 0.00 | 21.06 0.19 0.00 | 21.49 0.28 0.00 | 20.89 0.19 0.00 | 20.80 0.19 0.00 | 20.91 0.17 0.00 | 21.27 0.13 0.00 | 29.06 0.26 0.00 | 55.18 0.71 0.00 | 37.99 0.34 0.00 | 32.21 0.25 0.00 | 26.46 0.13 0.00 | 21.12 0.08 0.00 | 18.20 0.11 0.00 | 12.65 0.08 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| HEMPSTEAD____ 23647 | 37.09 0.51 -30.45 | 35.93 0.38 -30.17 | 33.26 0.34 -27.53 | 33.74 0.33 -28.13 | 35.02 0.35 -29.29 | 35.22 0.54 -27.62 | 45.67 1.10 -32.74 | 51.74 1.58 -33.67 | 51.95 2.06 -30.96 | 50.78 2.16 -29.14 | 46.18 2.28 -23.02 | 45.00 2.29 -21.50 | 44.18 2.17 -21.30 | 42.77 2.12 -20.03 | 42.52 2.24 -19.53 | 42.48 2.35 -18.99 | 56.01 3.20 -24.01 | 73.41 6.10 -12.84 | 61.30 4.18 -19.47 | 53.89 3.42 -18.52 | 52.32 2.84 -23.14 | 46.86 2.23 -23.60 | 44.74 1.66 -24.99 | 37.24 1.20 -23.47 |
| HICKLING___1 23621 | 13.34 0.06 -7.15 | 12.50 0.04 -7.08 | 11.91 0.06 -6.47 | 11.93 0.04 -6.61 | 12.30 0.05 -6.88 | 13.60 0.06 -6.49 | 18.85 0.07 -6.95 | 24.67 0.05 -8.13 | 26.24 0.02 -7.30 | 26.44 0.04 -6.92 | 26.72 0.02 -5.83 | 26.35 0.09 -5.05 | 25.71 0.00 -5.00 | 25.26 -0.06 -4.70 | 25.25 -0.08 -4.59 | 25.51 -0.04 -4.41 | 33.76 -0.09 -5.04 | 56.44 -0.22 -2.18 | 40.84 -0.08 -3.27 | 35.54 0.06 -3.52 | 30.88 0.13 -4.42 | 26.27 -0.06 -5.30 | 23.72 -0.24 -5.87 | 18.14 0.05 -5.51 |
| HICKLING___2 23622 | 13.34 0.06 -7.15 | 12.50 0.04 -7.08 | 11.91 0.06 -6.47 | 11.93 0.04 -6.61 | 12.30 0.05 -6.88 | 13.60 0.06 -6.49 | 18.85 0.07 -6.95 | 24.67 0.05 -8.13 | 26.24 0.02 -7.30 | 26.44 0.04 -6.92 | 26.72 0.02 -5.83 | 26.35 0.09 -5.05 | 25.71 0.00 -5.00 | 25.26 -0.06 -4.70 | 25.25 -0.08 -4.59 | 25.51 -0.04 -4.41 | 33.76 -0.09 -5.04 | 56.44 -0.22 -2.18 | 40.84 -0.08 -3.27 | 35.54 0.06 -3.52 | 30.88 0.13 -4.42 | 26.27 -0.06 -5.30 | 23.72 -0.24 -5.87 | 18.14 0.05 -5.51 |
| HIGH FALLS___HY 23754 | 35.74 0.45 -29.16 | 34.65 0.38 -28.89 | 32.13 0.38 -26.37 | 32.59 0.37 -26.94 | 33.81 0.38 -28.06 | 34.00 0.49 -26.45 | 41.09 0.93 -28.33 | 49.05 1.42 -31.14 | 48.69 1.80 -27.97 | 47.86 1.87 -26.51 | 45.22 2.02 -22.32 | 43.71 1.91 -20.59 | 42.91 1.80 -20.40 | 41.58 1.77 -19.18 | 41.32 1.87 -18.71 | 41.12 1.99 -17.99 | 52.24 2.88 -20.56 | 69.04 5.67 -8.91 | 54.70 3.73 -13.33 | 49.35 3.04 -14.37 | 46.84 2.47 -18.03 | 44.64 2.00 -21.61 | 43.57 1.54 -23.94 | 36.04 0.99 -22.48 |
| HILLBURN___GT 23639 | 35.27 0.45 -28.70 | 34.18 0.37 -28.43 | 31.70 0.37 -25.95 | 32.16 0.36 -26.52 | 33.35 0.37 -27.62 | 33.57 0.48 -26.03 | 40.57 0.86 -27.88 | 48.47 1.25 -30.73 | 48.16 1.65 -27.60 | 47.37 1.73 -26.15 | 44.82 1.92 -22.02 | 43.34 1.87 -20.27 | 42.56 1.78 -20.08 | 41.27 1.77 -18.88 | 41.03 1.87 -18.41 | 40.79 1.94 -17.70 | 51.71 2.68 -20.23 | 68.36 5.12 -8.76 | 54.26 3.50 -13.11 | 48.97 2.88 -14.14 | 46.42 2.34 -17.75 | 44.17 1.87 -21.27 | 43.11 1.46 -23.56 | 35.66 0.97 -22.12 |
| HISHELDN_WT_PWR 323625 | 10.93 -0.13 -4.93 | 10.14 -0.12 -4.88 | 9.75 -0.09 -4.46 | 9.72 -0.12 -4.55 | 10.01 -0.11 -4.74 | 11.34 -0.18 -4.47 | 16.20 -0.41 -4.79 | 21.57 -0.53 -5.61 | 23.28 -0.68 -5.04 | 23.60 -0.66 -4.78 | 24.06 -0.84 -4.02 | 23.93 -0.76 -3.48 | 23.49 -0.66 -3.45 | 23.14 -0.72 -3.24 | 23.12 -0.79 -3.16 | 23.42 -0.76 -3.04 | 31.15 -1.12 -3.47 | 53.47 -2.50 -1.50 | 38.39 -1.51 -2.25 | 33.29 -1.09 -2.43 | 28.56 -0.82 -3.05 | 23.84 -0.84 -3.65 | 21.28 -0.85 -4.04 | 16.04 -0.33 -3.80 |
| HOLTSVILLE_IC_1 23690 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.33 1.37 -30.13 | 50.82 1.94 -32.39 | 50.64 2.50 -29.22 | 49.69 2.55 -27.65 | 46.61 2.71 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.97 2.70 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.14 2.06 -24.99 | 37.53 1.50 -23.46 |

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| HOLTSVILLE_IC_10 23699 | 37.23 0.67 -30.44 | 36.03 0.49 -30.16 | 33.36 0.45 -27.53 | 33.84 0.43 -28.13 | 35.12 0.46 -29.29 | 35.39 0.73 -27.60 | 43.49 1.48 -30.19 | 51.00 2.09 -32.42 | 50.85 2.67 -29.26 | 49.92 2.75 -27.69 | 46.80 2.90 -23.02 | 45.64 2.93 -21.50 | 44.80 2.79 -21.30 | 43.39 2.74 -20.03 | 43.16 2.88 -19.53 | 43.11 3.05 -18.92 | 57.13 4.32 -24.01 | 75.27 7.95 -12.84 | 62.54 5.42 -19.47 | 54.91 4.44 -18.52 | 53.24 3.76 -23.14 | 47.71 3.07 -23.61 | 45.30 2.22 -24.99 | 37.64 1.61 -23.46 |
| HOLTSVILLE_IC_2 23691 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.33 1.37 -30.13 | 50.82 1.94 -32.39 | 50.64 2.50 -29.22 | 49.69 2.55 -27.65 | 46.61 2.71 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.97 2.70 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.14 2.06 -24.99 | 37.53 1.50 -23.46 |
| HOLTSVILLE_IC_3 23692 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.33 1.37 -30.13 | 50.82 1.94 -32.39 | 50.64 2.50 -29.22 | 49.69 2.55 -27.65 | 46.61 2.71 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.97 2.70 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.14 2.06 -24.99 | 37.53 1.50 -23.46 |
| HOLTSVILLE_IC_4 23693 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.33 1.37 -30.13 | 50.82 1.94 -32.39 | 50.64 2.50 -29.22 | 49.69 2.55 -27.65 | 46.61 2.71 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.97 2.70 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.14 2.06 -24.99 | 37.53 1.50 -23.46 |
| HOLTSVILLE_IC_5 23694 | 37.18 0.62 -30.44 | 35.99 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.40 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.33 1.37 -30.13 | 50.82 1.94 -32.39 | 50.64 2.50 -29.22 | 49.69 2.55 -27.65 | 46.61 2.71 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.97 2.70 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.14 2.06 -24.99 | 37.53 1.50 -23.46 |
| HOLTSVILLE_IC_6 23695 | 37.23 0.67 -30.44 | 36.03 0.49 -30.16 | 33.36 0.45 -27.53 | 33.84 0.43 -28.13 | 35.12 0.46 -29.29 | 35.39 0.73 -27.60 | 43.49 1.48 -30.19 | 51.00 2.09 -32.42 | 50.85 2.67 -29.26 | 49.92 2.75 -27.69 | 46.80 2.90 -23.02 | 45.64 2.93 -21.50 | 44.80 2.79 -21.30 | 43.39 2.74 -20.03 | 43.16 2.88 -19.53 | 43.11 3.05 -18.92 | 57.13 4.32 -24.01 | 75.27 7.95 -12.84 | 62.54 5.42 -19.47 | 54.91 4.44 -18.52 | 53.24 3.76 -23.14 | 47.71 3.07 -23.61 | 45.30 2.22 -24.99 | 37.64 1.61 -23.46 |
| HOLTSVILLE_IC_7 23696 | 37.23 0.67 -30.44 | 36.03 0.49 -30.16 | 33.36 0.45 -27.53 | 33.84 0.43 -28.13 | 35.12 0.46 -29.29 | 35.39 0.73 -27.60 | 43.49 1.48 -30.19 | 51.00 2.09 -32.42 | 50.85 2.67 -29.26 | 49.92 2.75 -27.69 | 46.80 2.90 -23.02 | 45.64 2.93 -21.50 | 44.80 2.79 -21.30 | 43.39 2.74 -20.03 | 43.16 2.88 -19.53 | 43.11 3.05 -18.92 | 57.13 4.32 -24.01 | 75.27 7.95 -12.84 | 62.54 5.42 -19.47 | 54.91 4.44 -18.52 | 53.24 3.76 -23.14 | 47.71 3.07 -23.61 | 45.30 2.22 -24.99 | 37.64 1.61 -23.46 |
| HOLTSVILLE_IC_8 23697 | 37.23 0.67 -30.44 | 36.03 0.49 -30.16 | 33.36 0.45 -27.53 | 33.84 0.43 -28.13 | 35.12 0.46 -29.29 | 35.39 0.73 -27.60 | 43.49 1.48 -30.19 | 51.00 2.09 -32.42 | 50.85 2.67 -29.26 | 49.92 2.75 -27.69 | 46.80 2.90 -23.02 | 45.64 2.93 -21.50 | 44.80 2.79 -21.30 | 43.39 2.74 -20.03 | 43.16 2.88 -19.53 | 43.11 3.05 -18.92 | 57.13 4.32 -24.01 | 75.27 7.95 -12.84 | 62.54 5.42 -19.47 | 54.91 4.44 -18.52 | 53.24 3.76 -23.14 | 47.71 3.07 -23.61 | 45.30 2.22 -24.99 | 37.64 1.61 -23.46 |
| HOLTSVILLE_IC_9 23698 | 37.23 0.67 -30.44 | 36.03 0.49 -30.16 | 33.36 0.45 -27.53 | 33.84 0.43 -28.13 | 35.12 0.46 -29.29 | 35.39 0.73 -27.60 | 43.49 1.48 -30.19 | 51.00 2.09 -32.42 | 50.85 2.67 -29.26 | 49.92 2.75 -27.69 | 46.80 2.90 -23.02 | 45.64 2.93 -21.50 | 44.80 2.79 -21.30 | 43.39 2.74 -20.03 | 43.16 2.88 -19.53 | 43.11 3.05 -18.92 | 57.13 4.32 -24.01 | 75.27 7.95 -12.84 | 62.54 5.42 -19.47 | 54.91 4.44 -18.52 | 53.24 3.76 -23.14 | 47.71 3.07 -23.61 | 45.30 2.22 -24.99 | 37.64 1.61 -23.46 |
| HOWARD_WT_PWR 323690 | 12.14 0.01 -6.01 | 11.32 -0.01 -5.95 | 10.83 0.02 -5.43 | 10.82 -0.02 -5.55 | 11.15 -0.01 -5.78 | 12.49 -0.01 -5.45 | 17.62 -0.05 -5.84 | 23.31 -0.02 -6.84 | 25.02 -0.04 -6.14 | 25.30 0.00 -5.82 | 25.76 -0.02 -4.90 | 25.62 0.17 -4.24 | 25.07 0.16 -4.20 | 24.67 0.10 -3.95 | 24.68 0.08 -3.85 | 24.98 0.13 -3.71 | 33.27 0.23 -4.24 | 56.64 0.33 -1.83 | 40.73 0.34 -2.75 | 35.33 0.41 -2.96 | 30.41 0.37 -3.72 | 25.50 0.02 -4.45 | 22.80 -0.22 -4.93 | 17.27 0.06 -4.63 |
| HQ_GEN_CEDARS 23644 | 5.92 -0.21 0.00 | 5.17 -0.20 0.00 | 5.19 -0.19 0.00 | 5.10 -0.18 0.00 | 5.19 -0.19 0.00 | 6.83 -0.23 0.00 | 11.44 -0.39 0.00 | 15.93 -0.56 0.00 | 18.14 -0.78 0.00 | 18.68 -0.80 0.00 | 19.98 -0.90 0.00 | 19.98 -1.23 0.00 | 19.85 -0.85 0.00 | 19.92 -0.70 0.00 | 19.98 -0.77 0.00 | 19.98 -1.16 0.00 | 26.93 -1.87 0.00 | 51.04 -3.43 0.00 | 35.28 -2.37 0.00 | 29.91 -2.05 0.00 | 24.59 -1.74 0.00 | 19.98 -1.05 0.00 | 17.60 -0.49 0.00 | 12.15 -0.43 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 5.92 -0.21 0.00 | 5.17 -0.20 0.00 | 5.19 -0.19 0.00 | 5.10 -0.18 0.00 | 5.19 -0.19 0.00 | 6.83 -0.23 0.00 | 11.44 -0.39 0.00 | 15.93 -0.56 0.00 | 18.14 -0.78 0.00 | 18.68 -0.80 0.00 | 19.98 -0.90 0.00 | 19.98 -1.23 0.00 | 19.85 -0.85 0.00 | 19.92 -0.70 0.00 | 19.98 -0.77 0.00 | 19.98 -1.16 0.00 | 26.93 -1.87 0.00 | 51.04 -3.43 0.00 | 35.28 -2.37 0.00 | 29.91 -2.05 0.00 | 24.59 -1.74 0.00 | 19.98 -1.05 0.00 | 17.60 -0.49 0.00 | 12.15 -0.43 0.00 |
| HQ_GEN_IMPORT 323601 | 5.98 -0.15 0.00 | 5.25 -0.13 0.00 | 5.25 -0.13 0.00 | 5.16 -0.12 0.00 | 5.25 -0.12 0.00 | 6.90 -0.16 0.00 | 11.54 -0.28 0.00 | 16.04 -0.44 0.00 | 18.37 -0.55 0.00 | 18.90 -0.58 0.00 | 20.25 -0.63 0.00 | 20.55 -0.66 0.00 | 20.12 -0.58 0.00 | 20.06 -0.56 0.00 | 20.19 -0.56 0.00 | 20.53 -0.61 0.00 | 27.91 -0.89 0.00 | 52.78 -1.69 0.00 | 36.48 -1.17 0.00 | 30.96 -0.99 0.00 | 25.49 -0.84 0.00 | 20.44 -0.59 0.00 | 17.67 -0.42 0.00 | 12.26 -0.31 0.00 |
| HQ_GEN_WHEEL 23651 | 5.98 -0.15 0.00 | 5.25 -0.13 0.00 | 5.25 -0.13 0.00 | 5.16 -0.12 0.00 | 5.25 -0.12 0.00 | 6.90 -0.16 0.00 | 11.54 -0.28 0.00 | 16.04 -0.44 0.00 | 18.37 -0.55 0.00 | 18.90 -0.58 0.00 | 20.25 -0.63 0.00 | 20.55 -0.66 0.00 | 20.12 -0.58 0.00 | 20.06 -0.56 0.00 | 20.19 -0.56 0.00 | 20.53 -0.61 0.00 | 27.91 -0.89 0.00 | 52.78 -1.69 0.00 | 36.48 -1.17 0.00 | 30.96 -0.99 0.00 | 25.49 -0.84 0.00 | 20.44 -0.59 0.00 | 17.67 -0.42 0.00 | 12.26 -0.31 0.00 |
| HUDSON_AVE_GT_3 23810 | 37.02 0.45 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.76 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.90 1.29 -32.12 | 49.53 1.76 -28.85 | 48.69 1.87 -27.34 | 45.96 2.07 -23.02 | 44.76 2.06 -21.49 | 43.97 1.97 -21.29 | 42.62 1.98 -20.02 | 42.35 2.07 -19.53 | 42.07 2.16 -18.77 | 53.17 2.91 -21.46 | 69.27 5.50 -9.29 | 55.32 3.76 -13.91 | 50.01 3.07 -14.99 | 47.68 2.53 -18.82 | 45.56 1.98 -22.55 | 44.67 1.59 -24.99 | 37.05 1.02 -23.46 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| HUDSON AVE_GT_4 23540 | 37.02 | 35.90 | 33.27 | 33.76 | 35.02 | 35.14 | 42.26 | 49.90 | 49.53 | 48.69 | 45.96 | 44.76 | 43.97 | 42.62 | 42.35 | 42.07 | 53.17 | 69.27 | 55.32 | 50.01 | 47.68 | 45.56 | 44.67 | 37.05 |
| | 0.45 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.29 | 1.76 | 1.87 | 2.07 | 2.06 | 1.97 | 1.98 | 2.07 | 2.16 | 2.91 | 5.50 | 3.76 | 3.07 | 2.53 | 1.98 | 1.59 | 1.02 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.29 | -20.02 | -19.53 | -18.77 | -21.46 | -9.29 | -13.91 | -14.99 | -18.82 | -22.55 | -24.99 | -23.46 |
| HUDSON AVE_GT_5 23657 | 37.02 | 35.90 | 33.27 | 33.76 | 35.02 | 35.14 | 42.26 | 49.90 | 49.53 | 48.69 | 45.96 | 44.76 | 43.97 | 42.62 | 42.35 | 42.07 | 53.17 | 69.27 | 55.32 | 50.01 | 47.68 | 45.56 | 44.67 | 37.05 |
| | 0.45 | 0.37 | 0.36 | 0.35 | 0.35 | 0.48 | 0.86 | 1.29 | 1.76 | 1.87 | 2.07 | 2.06 | 1.97 | 1.98 | 2.07 | 2.16 | 2.91 | 5.50 | 3.76 | 3.07 | 2.53 | 1.98 | 1.59 | 1.02 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.29 | -20.02 | -19.53 | -18.77 | -21.46 | -9.29 | -13.91 | -14.99 | -18.82 | -22.55 | -24.99 | -23.46 |
| HUDSON_AVE_10 24168 | 36.99 | 35.88 | 33.24 | 33.73 | 34.99 | 35.11 | 42.21 | 49.83 | 49.45 | 48.63 | 45.86 | 44.65 | 43.86 | 42.50 | 42.25 | 41.97 | 53.02 | 69.05 | 55.17 | 49.88 | 47.57 | 45.48 | 44.61 | 37.00 |
| | 0.43 | 0.34 | 0.34 | 0.33 | 0.33 | 0.45 | 0.82 | 1.22 | 1.68 | 1.81 | 1.96 | 1.95 | 1.86 | 1.86 | 1.97 | 2.05 | 2.77 | 5.28 | 3.61 | 2.94 | 2.42 | 1.89 | 1.54 | 0.97 |
| | -30.44 | -30.16 | -27.53 | -28.12 | -29.29 | -27.60 | -29.57 | -32.12 | -28.85 | -27.34 | -23.02 | -21.49 | -21.29 | -20.02 | -19.53 | -18.77 | -21.46 | -9.29 | -13.91 | -14.99 | -18.82 | -22.55 | -24.99 | -23.46 |
| HUNTER MOUNT___DRP 323613 | 40.43 | 39.32 | 36.40 | 36.96 | 38.35 | 38.29 | 45.71 | 52.94 | 52.05 | 51.03 | 47.83 | 46.94 | 46.16 | 44.62 | 44.27 | 43.95 | 55.49 | 70.41 | 56.83 | 51.68 | 49.75 | 48.11 | 47.48 | 39.67 |
| | 0.48 | 0.43 | 0.44 | 0.43 | 0.44 | 0.56 | 1.03 | 1.52 | 1.76 | 1.81 | 1.92 | 1.84 | 1.80 | 1.75 | 1.83 | 1.94 | 2.85 | 5.61 | 3.73 | 3.07 | 2.50 | 2.02 | 1.63 | 1.03 |
| | -33.82 | -33.51 | -30.58 | -31.25 | -32.54 | -30.67 | -32.85 | -34.93 | -31.37 | -29.73 | -25.04 | -23.88 | -23.66 | -22.25 | -21.70 | -20.86 | -23.84 | -10.33 | -15.45 | -16.66 | -20.91 | -25.06 | -27.76 | -26.06 |
| HUNTINGTON_RES_REC 323705 | 37.15 | 35.96 | 33.29 | 33.78 | 35.05 | 35.28 | 43.32 | 50.76 | 50.55 | 49.63 | 46.49 | 45.32 | 44.49 | 43.08 | 42.85 | 42.77 | 56.61 | 74.50 | 62.05 | 54.56 | 52.87 | 47.35 | 45.05 | 37.44 |
| | 0.58 | 0.42 | 0.38 | 0.37 | 0.39 | 0.62 | 1.29 | 1.85 | 2.36 | 2.45 | 2.59 | 2.61 | 2.48 | 2.43 | 2.57 | 2.71 | 3.80 | 7.19 | 4.93 | 4.09 | 3.40 | 2.71 | 1.97 | 1.41 |
| | -30.44 | -30.16 | -27.53 | -28.13 | -29.29 | -27.60 | -30.21 | -32.43 | -29.27 | -27.70 | -23.02 | -21.50 | -21.30 | -20.03 | -19.53 | -18.93 | -24.01 | -12.84 | -19.47 | -18.52 | -23.14 | -23.61 | -24.99 | -23.46 |
| HUNTLEY___63 23557 | 10.22 | 9.44 | 9.11 | 9.06 | 9.32 | 10.67 | 15.41 | 20.64 | 22.38 | 22.72 | 23.23 | 23.14 | 22.77 | 22.47 | 22.44 | 22.74 | 30.31 | 52.45 | 37.56 | 32.55 | 27.81 | 23.05 | 20.52 | 15.42 |
| | -0.17 | -0.16 | -0.12 | -0.16 | -0.15 | -0.25 | -0.56 | -0.71 | -0.91 | -0.90 | -1.13 | -1.08 | -0.91 | -0.95 | -1.04 | -1.04 | -1.50 | -3.32 | -2.03 | -1.50 | -1.16 | -1.14 | -1.07 | -0.44 |
| | -4.26 | -4.22 | -3.85 | -3.94 | -4.10 | -3.86 | -4.14 | -4.86 | -4.37 | -4.14 | -3.48 | -3.01 | -2.98 | -2.80 | -2.73 | -2.63 | -3.00 | -1.30 | -1.95 | -2.10 | -2.63 | -3.16 | -3.50 | -3.28 |
| HUNTLEY___64 23558 | 10.22 | 9.44 | 9.11 | 9.06 | 9.32 | 10.67 | 15.41 | 20.64 | 22.38 | 22.72 | 23.23 | 23.14 | 22.77 | 22.47 | 22.44 | 22.74 | 30.31 | 52.45 | 37.56 | 32.55 | 27.81 | 23.05 | 20.52 | 15.42 |
| | -0.17 | -0.16 | -0.12 | -0.16 | -0.15 | -0.25 | -0.56 | -0.71 | -0.91 | -0.90 | -1.13 | -1.08 | -0.91 | -0.95 | -1.04 | -1.04 | -1.50 | -3.32 | -2.03 | -1.50 | -1.16 | -1.14 | -1.07 | -0.44 |
| | -4.26 | -4.22 | -3.85 | -3.94 | -4.10 | -3.86 | -4.14 | -4.86 | -4.37 | -4.14 | -3.48 | -3.01 | -2.98 | -2.80 | -2.73 | -2.63 | -3.00 | -1.30 | -1.95 | -2.10 | -2.63 | -3.16 | -3.50 | -3.28 |
| HUNTLEY___65 23559 | 10.22 | 9.44 | 9.11 | 9.06 | 9.32 | 10.67 | 15.41 | 20.64 | 22.38 | 22.72 | 23.23 | 23.14 | 22.77 | 22.47 | 22.44 | 22.74 | 30.31 | 52.45 | 37.56 | 32.55 | 27.81 | 23.05 | 20.52 | 15.42 |
| | -0.17 | -0.16 | -0.12 | -0.16 | -0.15 | -0.25 | -0.56 | -0.71 | -0.91 | -0.90 | -1.13 | -1.08 | -0.91 | -0.95 | -1.04 | -1.04 | -1.50 | -3.32 | -2.03 | -1.50 | -1.16 | -1.14 | -1.07 | -0.44 |
| | -4.26 | -4.22 | -3.85 | -3.94 | -4.10 | -3.86 | -4.14 | -4.86 | -4.37 | -4.14 | -3.48 | -3.01 | -2.98 | -2.80 | -2.73 | -2.63 | -3.00 | -1.30 | -1.95 | -2.10 | -2.63 | -3.16 | -3.50 | -3.28 |
| HUNTLEY___66 23560 | 10.22 | 9.44 | 9.11 | 9.06 | 9.32 | 10.67 | 15.41 | 20.64 | 22.38 | 22.72 | 23.23 | 23.14 | 22.77 | 22.47 | 22.44 | 22.74 | 30.31 | 52.45 | 37.56 | 32.55 | 27.81 | 23.05 | 20.52 | 15.42 |
| | -0.17 | -0.16 | -0.12 | -0.16 | -0.15 | -0.25 | -0.56 | -0.71 | -0.91 | -0.90 | -1.13 | -1.08 | -0.91 | -0.95 | -1.04 | -1.04 | -1.50 | -3.32 | -2.03 | -1.50 | -1.16 | -1.14 | -1.07 | -0.44 |
| | -4.26 | -4.22 | -3.85 | -3.94 | -4.10 | -3.86 | -4.14 | -4.86 | -4.37 | -4.14 | -3.48 | -3.01 | -2.98 | -2.80 | -2.73 | -2.63 | -3.00 | -1.30 | -1.95 | -2.10 | -2.63 | -3.16 | -3.50 | -3.28 |
| HUNTLEY___67 23561 | 10.27 | 9.50 | 9.15 | 9.11 | 9.37 | 10.70 | 15.41 | 20.60 | 22.32 | 22.64 | 23.14 | 23.04 | 22.65 | 22.33 | 22.32 | 22.60 | 30.09 | 51.94 | 37.23 | 32.28 | 27.65 | 22.96 | 20.47 | 15.38 |
| | -0.22 | -0.20 | -0.17 | -0.20 | -0.19 | -0.31 | -0.65 | -0.86 | -1.06 | -1.07 | -1.29 | -1.25 | -1.10 | -1.15 | -1.22 | -1.23 | -1.79 | -3.87 | -2.41 | -1.82 | -1.37 | -1.30 | -1.19 | -0.55 |
| | -4.36 | -4.32 | -3.94 | -4.03 | -4.19 | -3.95 | -4.23 | -4.97 | -4.46 | -4.23 | -3.56 | -3.08 | -3.05 | -2.87 | -2.80 | -2.69 | -3.07 | -1.33 | -1.99 | -2.15 | -2.69 | -3.23 | -3.58 | -3.36 |
| HUNTLEY___68 23562 | 10.27 | 9.50 | 9.15 | 9.11 | 9.37 | 10.70 | 15.41 | 20.60 | 22.32 | 22.64 | 23.14 | 23.04 | 22.65 | 22.33 | 22.32 | 22.60 | 30.09 | 51.94 | 37.23 | 32.28 | 27.65 | 22.96 | 20.47 | 15.38 |
| | -0.22 | -0.20 | -0.17 | -0.20 | -0.19 | -0.31 | -0.65 | -0.86 | -1.06 | -1.07 | -1.29 | -1.25 | -1.10 | -1.15 | -1.22 | -1.23 | -1.79 | -3.87 | -2.41 | -1.82 | -1.37 | -1.30 | -1.19 | -0.55 |
| | -4.36 | -4.32 | -3.94 | -4.03 | -4.19 | -3.95 | -4.23 | -4.97 | -4.46 | -4.23 | -3.56 | -3.08 | -3.05 | -2.87 | -2.80 | -2.69 | -3.07 | -1.33 | -1.99 | -2.15 | -2.69 | -3.23 | -3.58 | -3.36 |
| HYLAND___LFGE 323620 | 10.97 | 10.20 | 9.80 | 9.76 | 10.04 | 11.49 | 16.55 | 22.17 | 24.02 | 24.33 | 24.86 | 24.78 | 24.26 | 23.91 | 23.90 | 24.24 | 32.54 | 56.55 | 40.32 | 34.75 | 29.67 | 24.66 | 21.89 | 16.40 |
| | 0.00 | 0.02 | 0.04 | 0.01 | 0.01 | 0.04 | 0.01 | 0.15 | 0.13 | 0.14 | 0.02 | 0.15 | 0.16 | 0.10 | 0.04 | 0.11 | 0.32 | 0.60 | 0.45 | 0.41 | 0.34 | 0.04 | -0.18 | 0.09 |
| | -4.85 | -4.80 | -4.38 | -4.48 | -4.66 | -4.40 | -4.71 | -5.53 | -4.97 | -4.71 | -3.96 | -3.42 | -3.39 | -3.19 | -3.11 | -2.99 | -3.42 | -1.48 | -2.21 | -2.39 | -3.00 | -3.59 | -3.98 | -3.73 |
| INDECK___CORINTH 23802 | 50.09 | 48.88 | 45.14 | 45.89 | 47.66 | 47.06 | 54.99 | 61.00 | 59.16 | 57.71 | 53.38 | 53.49 | 52.68 | 50.83 | 50.28 | 49.70 | 61.91 | 72.43 | 60.70 | 56.20 | 55.44 | 55.00 | 55.39 | 47.13 |
| | 0.51 | 0.46 | 0.47 | 0.46 | 0.47 | 0.59 | 0.95 | 1.45 | 1.57 | 1.58 | 1.65 | 1.59 | 1.57 | 1.63 | 1.66 | 1.75 | 2.48 | 4.69 | 3.20 | 2.84 | 2.24 | 1.77 | 1.63 | 1.07 |
| | -43.45 | -43.05 | -39.30 | -40.15 | -41.81 | -39.41 | -42.21 | -43.06 | -38.67 | -36.65 | -30.86 | -30.68 | -30.40 | -28.58 | -27.88 | -26.80 | -30.63 | -13.27 | -19.86 | -21.40 | -26.87 | -32.20 | -35.67 | -33.49 |
| INDECK___ILION 23567 | 5.13 | 4.38 | 4.48 | 4.35 | 4.40 | 6.20 | 11.02 | 16.09 | 18.69 | 19.31 | 20.88 | 21.06 | 20.51 | 20.47 | 20.64 | 21.12 | 28.98 | 56.03 | 38.44 | 32.51 | 26.52 | 20.86 | 17.69 | 12.06 |
| | 0.15 | 0.13 | 0.13 | 0.13 | 0.13 | 0.18 | 0.30 | 0.45 | 0.53 | 0.54 | 0.61 | 0.66 | 0.60 | 0.60 | 0.62 | 0.68 | 0.98 | 1.91 | 1.32 | 1.12 | 0.90 | 0.67 | 0.54 | 0.36 |
| | 1.14 | 1.13 | 1.03 | 1.05 | 1.10 | 1.03 | 1.11 | 0.84 | 0.76 | 0.72 | 0.60 | 0.81 | 0.80 | 0.75 | 0.73 | 0.70 | 0.80 | 0.35 | 0.52 | 0.56 | 0.71 | 0.85 | 0.94 | 0.88 |
| INDECK___OLEAN 23982 | 11.57 | 10.75 | 10.32 | 10.30 | 10.61 | 11.96 | 16.94 | 22.24 | 23.88 | 24.15 | 24.62 | 24.34 | 23.78 | 23.42 | 23.40 | 23.66 | 31.32 | 53.31 | 38.39 | 33.31 | 28.80 | 24.30 | 21.72 | 16.51 |
| | -0.04 | -0.06 | -0.02 | -0.05 | -0.04 | -0.07 | -0.21 | -0.49 | -0.64 | -0.64 | -0.73 | -0.74 | -0.77 | -0.80 | -0.87 | -0.87 | -1.35 | -2.83 | -1.77 | -1.34 | -0.92 | -0.80 | -0.87 | -0.29 |
| | -5.49 | -5.43 | -4.96 | -5.07 | -5.28 | -4.97 | -5.33 | -6.24 | -5.61 | -5.31 | -4.47 | -3.87 | -3.84 | -3.61 | -3.52 | -3.38 | -3.87 | -1.67 | -2.51 | -2.70 | -3.39 | -4.06 | -4.50 | -4.23 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| INDECK___OSWEGO 23783 | 8.06 -0.09 -2.02 | 7.30 -0.08 -2.00 | 7.13 -0.08 -1.83 | 7.06 -0.08 -1.87 | 7.23 -0.09 -1.94 | 8.79 -0.10 -1.83 | 13.63 -0.17 -1.96 | 18.64 -0.20 -2.35 | 20.78 -0.25 -2.11 | 21.25 -0.23 -2.00 | 22.29 -0.27 -1.68 | 22.43 -0.21 -1.43 | 21.87 -0.25 -1.41 | 21.68 -0.27 -1.33 | 21.71 -0.33 -1.30 | 22.07 -0.32 -1.25 | 29.85 -0.38 -1.42 | 54.38 -0.71 -0.62 | 38.08 -0.49 -0.92 | 32.53 -0.42 -1.00 | 27.24 -0.34 -1.25 | 22.21 -0.31 -1.50 | 19.40 -0.34 -1.66 | 13.97 -0.16 -1.56 |
| INDECK___YERKES 23781 | 10.22 -0.17 -4.26 | 9.45 -0.15 -4.22 | 9.11 -0.12 -3.85 | 9.06 -0.15 -3.94 | 9.33 -0.14 -4.10 | 10.67 -0.25 -3.86 | 15.42 -0.54 -4.14 | 20.66 -0.69 -4.86 | 22.42 -0.87 -4.37 | 22.74 -0.88 -4.14 | 23.25 -1.11 -3.48 | 23.18 -1.04 -3.01 | 22.80 -0.89 -2.98 | 22.49 -0.93 -2.80 | 22.46 -1.02 -2.73 | 22.78 -0.99 -2.63 | 30.34 -1.47 -3.00 | 52.51 -3.27 -1.30 | 37.64 -1.96 -1.95 | 32.58 -1.47 -2.10 | 27.86 -1.10 -2.63 | 23.07 -1.12 -3.16 | 20.54 -1.05 -3.50 | 15.43 -0.43 -3.28 |
| INDIAN POINT_GT_1 24139 | 36.64 0.41 -30.10 | 35.54 0.34 -29.82 | 32.94 0.34 -27.22 | 33.42 0.33 -27.81 | 34.67 0.33 -28.96 | 34.80 0.44 -27.30 | 41.86 0.79 -29.24 | 49.51 1.17 -31.85 | 49.09 1.57 -28.60 | 48.24 1.66 -27.11 | 45.52 1.82 -22.82 | 44.25 1.78 -21.25 | 43.46 1.70 -21.06 | 42.11 1.69 -19.80 | 41.84 1.78 -19.31 | 41.57 1.86 -18.57 | 52.58 2.56 -21.22 | 68.57 4.90 -9.19 | 54.72 3.31 -13.75 | 49.49 2.71 -14.83 | 47.18 2.24 -18.61 | 45.12 1.79 -22.30 | 44.21 1.41 -24.71 | 36.68 0.91 -23.20 |
| INDIAN POINT_GT_2 23659 | 36.64 0.41 -30.10 | 35.54 0.34 -29.82 | 32.94 0.34 -27.22 | 33.42 0.33 -27.81 | 34.67 0.33 -28.96 | 34.80 0.44 -27.30 | 41.86 0.79 -29.24 | 49.51 1.17 -31.85 | 49.09 1.57 -28.60 | 48.24 1.66 -27.11 | 45.52 1.82 -22.82 | 44.25 1.78 -21.25 | 43.46 1.70 -21.06 | 42.11 1.69 -19.80 | 41.84 1.78 -19.31 | 41.57 1.86 -18.57 | 52.58 2.56 -21.22 | 68.57 4.90 -9.19 | 54.72 3.31 -13.75 | 49.49 2.71 -14.83 | 47.18 2.24 -18.61 | 45.12 1.79 -22.30 | 44.21 1.41 -24.71 | 36.68 0.91 -23.20 |
| INDIAN POINT_GT_3 24019 | 36.64 0.41 -30.10 | 35.54 0.34 -29.82 | 32.94 0.34 -27.22 | 33.42 0.33 -27.81 | 34.67 0.33 -28.96 | 34.80 0.44 -27.30 | 41.86 0.79 -29.24 | 49.51 1.17 -31.85 | 49.09 1.57 -28.60 | 48.24 1.66 -27.11 | 45.52 1.82 -22.82 | 44.25 1.78 -21.25 | 43.46 1.70 -21.06 | 42.11 1.69 -19.80 | 41.84 1.78 -19.31 | 41.57 1.86 -18.57 | 52.58 2.56 -21.22 | 68.57 4.90 -9.19 | 54.72 3.31 -13.75 | 49.49 2.71 -14.83 | 47.18 2.24 -18.61 | 45.12 1.79 -22.30 | 44.21 1.41 -24.71 | 36.68 0.91 -23.20 |
| INDIAN POINT___2 23530 | 36.12 0.40 -29.60 | 35.03 0.33 -29.32 | 32.47 0.33 -26.77 | 32.94 0.32 -27.34 | 34.17 0.32 -28.48 | 34.33 0.43 -26.84 | 41.35 0.77 -28.75 | 49.07 1.14 -31.45 | 48.68 1.51 -28.24 | 47.84 1.60 -26.76 | 45.19 1.77 -22.54 | 43.85 1.74 -20.90 | 43.07 1.66 -20.71 | 41.74 1.65 -19.47 | 41.48 1.74 -18.99 | 41.22 1.82 -18.26 | 52.14 2.48 -20.86 | 68.25 4.74 -9.04 | 54.41 3.24 -13.52 | 49.18 2.65 -14.58 | 46.79 2.16 -18.30 | 44.69 1.72 -21.93 | 43.74 1.36 -24.30 | 36.26 0.88 -22.81 |
| INDIAN POINT___3 23531 | 36.64 0.39 -30.12 | 35.55 0.32 -29.84 | 32.94 0.32 -27.24 | 33.42 0.31 -27.83 | 34.68 0.32 -28.99 | 34.80 0.42 -27.32 | 41.85 0.76 -29.26 | 49.48 1.12 -31.87 | 49.04 1.49 -28.62 | 48.18 1.58 -27.12 | 45.47 1.75 -22.84 | 44.20 1.72 -21.27 | 43.41 1.64 -21.07 | 42.06 1.63 -19.82 | 41.79 1.72 -19.33 | 41.52 1.80 -18.58 | 52.48 2.45 -21.24 | 68.36 4.69 -9.20 | 54.61 3.20 -13.77 | 49.41 2.62 -14.84 | 47.09 2.13 -18.63 | 45.06 1.70 -22.32 | 44.16 1.34 -24.73 | 36.66 0.87 -23.22 |
| IP CORINTH___1 23988 | 50.09 0.51 -43.45 | 48.88 0.46 -43.05 | 45.14 0.47 -39.30 | 45.89 0.46 -40.15 | 47.66 0.47 -41.81 | 47.06 0.59 -39.41 | 54.99 0.95 -42.21 | 61.00 1.45 -43.06 | 59.16 1.57 -38.67 | 57.71 1.58 -36.65 | 53.38 1.65 -30.86 | 53.49 1.59 -30.68 | 52.68 1.57 -30.40 | 50.83 1.63 -28.58 | 50.28 1.66 -27.88 | 49.70 1.75 -26.80 | 61.91 2.48 -30.63 | 72.43 4.69 -13.27 | 60.70 3.20 -19.86 | 56.20 2.84 -21.40 | 55.44 2.24 -26.87 | 55.00 1.77 -32.20 | 55.39 1.63 -35.67 | 47.13 1.07 -33.49 |
| IP___TICONDEROGA 23804 | 48.22 0.59 -41.50 | 47.00 0.50 -41.12 | 43.42 0.51 -37.53 | 44.12 0.49 -38.35 | 45.81 0.50 -39.94 | 45.38 0.68 -37.64 | 53.31 1.16 -40.32 | 59.73 1.86 -41.38 | 58.24 2.16 -37.16 | 56.84 2.14 -35.22 | 52.87 2.34 -29.66 | 52.72 2.21 -29.31 | 51.87 2.13 -29.04 | 50.04 2.12 -27.30 | 49.57 2.20 -26.63 | 49.07 2.33 -25.60 | 61.26 3.20 -29.26 | 73.52 6.37 -12.67 | 61.05 4.44 -18.97 | 56.23 3.83 -20.44 | 55.05 3.05 -25.66 | 54.12 2.33 -30.75 | 54.15 1.99 -34.07 | 45.86 1.30 -31.99 |
| ISLIP_RES_REC 323679 | 37.29 0.72 -30.44 | 36.08 0.54 -30.16 | 33.41 0.49 -27.53 | 33.89 0.48 -28.13 | 35.17 0.50 -29.29 | 35.46 0.80 -27.60 | 43.68 1.60 -30.25 | 51.20 2.26 -32.45 | 51.09 2.87 -29.30 | 50.15 2.94 -27.72 | 47.07 3.17 -23.02 | 45.89 3.18 -21.50 | 45.07 3.06 -21.30 | 43.63 2.99 -20.03 | 43.43 3.15 -19.53 | 43.37 3.30 -18.93 | 57.51 4.70 -24.01 | 76.03 8.71 -12.84 | 63.07 5.95 -19.47 | 55.36 4.89 -18.52 | 53.58 4.11 -23.14 | 47.96 3.32 -23.61 | 45.50 2.42 -24.99 | 37.78 1.75 -23.46 |
| JARVIS____ 23743 | 5.04 0.05 1.14 | 4.29 0.04 1.13 | 4.39 0.04 1.03 | 4.27 0.04 1.05 | 4.32 0.04 1.10 | 6.08 0.06 1.03 | 10.81 0.09 1.11 | 15.79 0.15 0.84 | 18.35 0.19 0.76 | 18.96 0.19 0.72 | 20.48 0.21 0.60 | 20.64 0.23 0.81 | 20.11 0.21 0.80 | 20.07 0.21 0.75 | 20.22 0.21 0.73 | 20.67 0.23 0.70 | 28.34 0.35 0.80 | 54.78 0.66 0.35 | 37.58 0.45 0.52 | 31.77 0.38 0.56 | 25.94 0.32 0.71 | 20.42 0.23 0.85 | 17.31 0.16 0.94 | 11.81 0.11 0.88 |
| JENNISON___1 23625 | 16.07 0.30 -9.64 | 15.18 0.24 -9.56 | 14.35 0.25 -8.72 | 14.43 0.24 -8.91 | 14.90 0.24 -9.28 | 16.16 0.36 -8.75 | 21.85 0.65 -9.37 | 28.59 1.01 -11.09 | 30.02 1.14 -9.96 | 30.11 1.19 -9.44 | 30.14 1.32 -7.95 | 29.53 1.51 -6.81 | 28.71 1.26 -6.75 | 28.18 1.22 -6.34 | 28.18 1.24 -6.19 | 28.36 1.27 -5.95 | 37.53 1.93 -6.80 | 61.39 3.97 -2.95 | 44.65 2.60 -4.41 | 38.91 2.20 -4.75 | 34.03 1.74 -5.96 | 29.44 1.26 -7.15 | 26.95 0.94 -7.92 | 20.72 0.72 -7.43 |
| JENNISON___2 23626 | 16.07 0.30 -9.64 | 15.18 0.24 -9.56 | 14.35 0.25 -8.72 | 14.43 0.24 -8.91 | 14.90 0.24 -9.28 | 16.16 0.36 -8.75 | 21.85 0.65 -9.37 | 28.59 1.01 -11.09 | 30.02 1.14 -9.96 | 30.11 1.19 -9.44 | 30.14 1.32 -7.95 | 29.53 1.51 -6.81 | 28.71 1.26 -6.75 | 28.18 1.22 -6.34 | 28.18 1.24 -6.19 | 28.36 1.27 -5.95 | 37.53 1.93 -6.80 | 61.39 3.97 -2.95 | 44.65 2.60 -4.41 | 38.91 2.20 -4.75 | 34.03 1.74 -5.96 | 29.44 1.26 -7.15 | 26.95 0.94 -7.92 | 20.72 0.72 -7.43 |
| JERICHO_RISE_WT_PWR 323719 | 5.90 -0.23 0.00 | 5.17 -0.21 0.00 | 5.19 -0.19 0.00 | 5.11 -0.17 0.00 | 5.21 -0.17 0.00 | 6.86 -0.20 0.00 | 11.52 -0.31 0.00 | 16.01 -0.48 0.00 | 18.24 -0.68 0.00 | 18.78 -0.70 0.00 | 20.06 -0.81 0.00 | 20.38 -0.83 0.00 | 19.98 -0.73 0.00 | 19.96 -0.66 0.00 | 20.10 -0.64 0.00 | 20.45 -0.70 0.00 | 27.79 -1.01 0.00 | 52.73 -1.75 0.00 | 36.48 -1.17 0.00 | 30.93 -1.02 0.00 | 25.46 -0.87 0.00 | 20.42 -0.61 0.00 | 17.69 -0.40 0.00 | 12.25 -0.33 0.00 |
| KEDC PORT_JEFF_GT2 24210 | 37.21 0.64 -30.44 | 36.01 0.47 -30.16 | 33.34 0.42 -27.53 | 33.83 0.42 -28.13 | 35.10 0.44 -29.29 | 35.36 0.70 -27.60 | 43.42 1.43 -30.17 | 50.91 2.01 -32.41 | 50.75 2.59 -29.24 | 49.82 2.67 -27.67 | 46.70 2.80 -23.02 | 45.53 2.82 -21.50 | 44.71 2.71 -21.30 | 43.28 2.64 -20.03 | 43.06 2.78 -19.53 | 43.03 2.96 -18.92 | 56.99 4.17 -24.01 | 74.78 7.46 -12.84 | 62.24 5.12 -19.47 | 54.76 4.28 -18.52 | 53.11 3.63 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.59 1.56 -23.46 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 37.21 0.64 -30.44 | 36.01 0.47 -30.16 | 33.34 0.42 -27.53 | 33.83 0.42 -28.13 | 35.10 0.44 -29.29 | 35.36 0.70 -27.60 | 43.42 1.43 -30.17 | 50.91 2.01 -32.41 | 50.75 2.59 -29.24 | 49.82 2.67 -27.67 | 46.70 2.80 -23.02 | 45.53 2.82 -21.50 | 44.71 2.71 -21.30 | 43.28 2.64 -20.03 | 43.06 2.78 -19.53 | 43.03 2.96 -18.92 | 56.99 4.17 -24.01 | 74.78 7.46 -12.84 | 62.24 5.12 -19.47 | 54.76 4.28 -18.52 | 53.11 3.63 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.59 1.56 -23.46 |
| KEDC_GLWD_GT4 24219 | 37.09 0.51 -30.45 | 35.94 0.39 -30.17 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.37 -29.29 | 35.22 0.54 -27.62 | 45.27 1.05 -32.38 | 51.53 1.55 -33.49 | 51.65 2.00 -30.72 | 50.54 2.12 -28.94 | 46.18 2.28 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.79 2.14 -20.03 | 42.54 2.26 -19.53 | 42.46 2.35 -18.97 | 55.86 3.05 -24.01 | 73.15 5.83 -12.84 | 61.07 3.95 -19.47 | 53.73 3.26 -18.52 | 52.16 2.69 -23.14 | 46.76 2.12 -23.60 | 44.78 1.70 -24.99 | 37.21 1.17 -23.47 |
| KEDC_GLWD_GT5 24220 | 37.09 0.51 -30.45 | 35.94 0.39 -30.17 | 33.28 0.37 -27.53 | 33.77 0.36 -28.13 | 35.04 0.37 -29.29 | 35.22 0.54 -27.62 | 45.27 1.05 -32.38 | 51.53 1.55 -33.49 | 51.65 2.00 -30.72 | 50.54 2.12 -28.94 | 46.18 2.28 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.79 2.14 -20.03 | 42.54 2.26 -19.53 | 42.46 2.35 -18.97 | 55.86 3.05 -24.01 | 73.15 5.83 -12.84 | 61.07 3.95 -19.47 | 53.73 3.26 -18.52 | 52.16 2.69 -23.14 | 46.76 2.12 -23.60 | 44.78 1.70 -24.99 | 37.21 1.17 -23.47 |
| KENSICO____ 23655 | 36.94 0.44 -30.38 | 35.83 0.35 -30.10 | 33.21 0.35 -27.48 | 33.69 0.34 -28.07 | 34.96 0.35 -29.23 | 35.08 0.47 -27.55 | 42.17 0.83 -29.51 | 49.78 1.22 -32.08 | 49.35 1.63 -28.81 | 48.51 1.73 -27.30 | 45.78 1.92 -22.99 | 44.53 1.87 -21.45 | 43.74 1.78 -21.25 | 42.40 1.79 -19.99 | 42.13 1.89 -19.49 | 41.85 1.97 -18.74 | 52.90 2.68 -21.42 | 68.87 5.12 -9.28 | 54.99 3.46 -13.88 | 49.76 2.84 -14.97 | 47.46 2.34 -18.79 | 45.39 1.85 -22.51 | 44.49 1.46 -24.94 | 36.94 0.96 -23.41 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 34.01 0.47 -27.41 | 32.94 0.40 -27.16 | 30.57 0.40 -24.79 | 31.00 0.40 -25.33 | 32.15 0.40 -26.38 | 32.45 0.53 -24.86 | 39.45 0.99 -26.63 | 47.68 1.47 -29.73 | 47.47 1.86 -26.70 | 46.73 1.95 -25.30 | 44.29 2.11 -21.31 | 42.58 2.02 -19.36 | 41.81 1.93 -19.18 | 40.55 1.90 -18.03 | 40.33 1.99 -17.59 | 40.14 2.09 -16.91 | 51.15 3.02 -19.32 | 68.78 5.94 -8.37 | 54.13 3.95 -12.53 | 48.65 3.19 -13.50 | 45.89 2.61 -16.95 | 43.45 2.10 -20.31 | 42.22 1.63 -22.50 | 34.74 1.04 -21.13 |
| KIAC_JFK_GT1 23816 | 36.99 0.42 -30.44 | 35.87 0.33 -30.16 | 33.24 0.33 -27.53 | 33.73 0.32 -28.12 | 34.99 0.33 -29.29 | 35.11 0.44 -27.60 | 42.18 0.78 -29.57 | 49.80 1.19 -32.12 | 49.43 1.67 -28.85 | 48.61 1.79 -27.34 | 45.75 1.86 -23.02 | 44.53 1.82 -21.49 | 43.74 1.74 -21.29 | 42.39 1.75 -20.02 | 42.14 1.87 -19.53 | 41.86 1.94 -18.77 | 52.91 2.65 -21.46 | 68.78 5.01 -9.29 | 55.06 3.50 -13.91 | 49.79 2.84 -14.99 | 47.49 2.34 -18.82 | 45.39 1.81 -22.55 | 44.61 1.54 -24.99 | 36.96 0.93 -23.46 |
| KIAC_JFK_GT2 23817 | 36.99 0.42 -30.44 | 35.87 0.33 -30.16 | 33.24 0.33 -27.53 | 33.73 0.32 -28.12 | 34.99 0.33 -29.29 | 35.11 0.44 -27.60 | 42.18 0.78 -29.57 | 49.80 1.19 -32.12 | 49.43 1.67 -28.85 | 48.61 1.79 -27.34 | 45.75 1.86 -23.02 | 44.53 1.82 -21.49 | 43.74 1.74 -21.29 | 42.39 1.75 -20.02 | 42.14 1.87 -19.53 | 41.86 1.94 -18.77 | 52.91 2.65 -21.46 | 68.78 5.01 -9.29 | 55.06 3.50 -13.91 | 49.79 2.84 -14.99 | 47.49 2.34 -18.82 | 45.39 1.81 -22.55 | 44.61 1.54 -24.99 | 36.96 0.93 -23.46 |
| KINTIGH____ 23543 | 9.58 -0.25 -3.70 | 8.83 -0.22 -3.67 | 8.53 -0.19 -3.35 | 8.48 -0.22 -3.42 | 8.71 -0.22 -3.56 | 10.09 -0.32 -3.36 | 14.76 -0.66 -3.60 | 19.82 -0.89 -4.23 | 21.62 -1.10 -3.79 | 21.97 -1.11 -3.60 | 22.59 -1.31 -3.03 | 22.53 -1.29 -2.61 | 22.11 -1.18 -2.59 | 21.84 -1.22 -2.43 | 21.84 -1.29 -2.37 | 22.14 -1.29 -2.28 | 29.60 -1.81 -2.61 | 51.85 -3.76 -1.13 | 36.93 -2.41 -1.69 | 31.89 -1.89 -1.82 | 27.15 -1.47 -2.29 | 22.45 -1.32 -2.74 | 19.92 -1.21 -3.04 | 14.82 -0.60 -2.85 |
| LEDERLE____ 23769 | 35.67 0.47 -29.07 | 34.57 0.39 -28.80 | 32.06 0.39 -26.29 | 32.52 0.38 -26.86 | 33.73 0.39 -27.97 | 33.94 0.51 -26.36 | 40.98 0.91 -28.24 | 48.85 1.33 -31.03 | 48.52 1.74 -27.86 | 47.72 1.83 -26.41 | 45.14 2.02 -22.23 | 43.71 1.97 -20.53 | 42.93 1.88 -20.34 | 41.62 1.88 -19.12 | 41.37 1.97 -18.65 | 41.12 2.05 -17.93 | 52.12 2.82 -20.49 | 68.74 5.39 -8.88 | 54.62 3.69 -13.28 | 49.27 3.00 -14.32 | 46.78 2.47 -17.98 | 44.55 1.98 -21.54 | 43.51 1.56 -23.86 | 36.00 1.02 -22.40 |
| LINDEN COGEN____ 23786 | 36.98 0.41 -30.44 | 35.86 0.33 -30.16 | 33.23 0.32 -27.53 | 33.72 0.32 -28.12 | 34.98 0.32 -29.29 | 35.09 0.43 -27.60 | 42.17 0.77 -29.57 | 49.76 1.15 -32.12 | 49.36 1.59 -28.85 | 48.53 1.71 -27.34 | 45.80 1.90 -23.02 | 44.57 1.87 -21.49 | 43.80 1.80 -21.29 | 42.46 1.81 -20.02 | 42.22 1.95 -19.53 | 41.93 2.01 -18.77 | 52.91 2.65 -21.46 | 68.78 5.01 -9.29 | 54.98 3.43 -13.91 | 49.72 2.78 -14.99 | 47.47 2.32 -18.82 | 45.39 1.81 -22.55 | 44.52 1.45 -24.99 | 36.96 0.93 -23.46 |
| LIPA_MISC_IPP 23656 | 37.20 0.64 -30.44 | 36.00 0.47 -30.16 | 33.33 0.42 -27.53 | 33.82 0.41 -28.13 | 35.10 0.43 -29.29 | 35.35 0.69 -27.60 | 43.40 1.43 -30.14 | 50.91 2.03 -32.40 | 50.74 2.59 -29.22 | 49.79 2.65 -27.66 | 46.70 2.80 -23.02 | 45.51 2.80 -21.50 | 44.69 2.69 -21.30 | 43.26 2.62 -20.03 | 43.06 2.78 -19.53 | 43.00 2.94 -18.92 | 56.96 4.15 -24.01 | 74.83 7.52 -12.84 | 62.20 5.08 -19.47 | 54.56 4.09 -18.52 | 53.03 3.55 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.58 1.55 -23.46 |
| LISF__SOLAR 323691 | 37.22 0.65 -30.44 | 36.01 0.48 -30.16 | 33.34 0.43 -27.53 | 33.83 0.42 -28.13 | 35.11 0.44 -29.29 | 35.37 0.71 -27.60 | 43.44 1.47 -30.15 | 50.97 2.08 -32.40 | 50.80 2.65 -29.23 | 49.83 2.69 -27.66 | 46.74 2.84 -23.02 | 45.57 2.86 -21.50 | 44.74 2.73 -21.30 | 43.32 2.68 -20.03 | 43.10 2.82 -19.53 | 43.07 3.00 -18.92 | 57.05 4.24 -24.01 | 75.00 7.68 -12.84 | 62.32 5.20 -19.47 | 54.66 4.18 -18.52 | 53.11 3.63 -23.14 | 47.69 3.05 -23.61 | 45.29 2.21 -24.99 | 37.62 1.58 -23.46 |
| LITTLE FALLS__HYD 24013 | 5.25 0.26 1.14 | 4.48 0.23 1.13 | 4.58 0.23 1.03 | 4.45 0.23 1.05 | 4.51 0.23 1.10 | 6.33 0.31 1.03 | 11.25 0.53 1.11 | 16.42 0.78 0.84 | 19.09 0.93 0.76 | 19.74 0.97 0.72 | 21.32 1.04 0.60 | 21.53 1.12 0.81 | 20.96 1.06 0.80 | 20.94 1.07 0.75 | 21.16 1.14 0.73 | 21.66 1.23 0.70 | 29.75 1.76 0.80 | 57.56 3.43 0.35 | 39.50 2.37 0.52 | 33.40 2.01 0.56 | 27.26 1.63 0.71 | 21.43 1.24 0.85 | 18.15 0.99 0.94 | 12.35 0.65 0.88 |
| LI_NEWBRDGE__DRP 323616 | 37.07 0.51 -30.44 | 35.90 0.37 -30.15 | 33.24 0.33 -27.53 | 33.73 0.32 -28.13 | 35.01 0.34 -29.29 | 35.20 0.54 -27.60 | 42.62 1.11 -29.68 | 50.26 1.60 -32.17 | 49.92 2.08 -28.92 | 49.06 2.18 -27.40 | 46.18 2.28 -23.02 | 45.00 2.29 -21.50 | 44.18 2.17 -21.30 | 42.77 2.12 -20.03 | 42.54 2.26 -19.53 | 42.42 2.37 -18.91 | 56.04 3.23 -24.01 | 73.47 6.15 -12.84 | 61.34 4.22 -19.47 | 53.92 3.45 -18.52 | 52.34 2.87 -23.14 | 46.91 2.27 -23.61 | 44.74 1.66 -24.99 | 37.24 1.21 -23.46 |
| LONG_LAKE_PHOENIX 24014 | 8.17 -0.07 -2.11 | 7.40 -0.06 -2.09 | 7.23 -0.06 -1.91 | 7.16 -0.07 -1.95 | 7.34 -0.06 -2.03 | 8.89 -0.08 -1.91 | 13.76 -0.12 -2.05 | 18.82 -0.11 -2.45 | 20.96 -0.15 -2.20 | 21.41 -0.16 -2.08 | 22.46 -0.17 -1.75 | 22.59 -0.11 -1.49 | 22.01 -0.17 -1.47 | 21.82 -0.19 -1.39 | 21.87 -0.23 -1.35 | 22.23 -0.21 -1.30 | 30.09 -0.20 -1.49 | 54.74 -0.38 -0.64 | 38.35 -0.26 -0.96 | 32.80 -0.19 -1.04 | 27.48 -0.16 -1.30 | 22.38 -0.21 -1.56 | 19.57 -0.25 -1.73 | 14.08 -0.11 -1.62 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOVETT___3 23632 | 35.74 0.40 -29.21 | 34.65 0.33 -28.94 | 32.13 0.33 -26.42 | 32.59 0.32 -26.99 | 33.81 0.33 -28.11 | 33.99 0.44 -26.49 | 40.99 0.78 -28.38 | 48.76 1.14 -31.14 | 48.40 1.51 -27.96 | 47.58 1.60 -26.50 | 44.97 1.77 -22.31 | 43.56 1.72 -20.63 | 42.78 1.64 -20.44 | 41.46 1.63 -19.22 | 41.21 1.72 -18.74 | 40.96 1.80 -18.02 | 51.87 2.48 -20.59 | 68.13 4.74 -8.92 | 54.19 3.20 -13.35 | 48.96 2.62 -14.39 | 46.55 2.16 -18.06 | 44.40 1.72 -21.65 | 43.43 1.36 -23.98 | 35.97 0.88 -22.51 |
| LOVETT___4 23642 | 35.78 0.42 -29.23 | 34.69 0.35 -28.96 | 32.16 0.35 -26.44 | 32.63 0.34 -27.01 | 33.84 0.34 -28.13 | 34.03 0.46 -26.51 | 41.04 0.82 -28.40 | 48.83 1.19 -31.15 | 48.47 1.57 -27.98 | 47.65 1.66 -26.51 | 45.04 1.84 -22.33 | 43.63 1.78 -20.64 | 42.85 1.70 -20.45 | 41.54 1.69 -19.23 | 41.28 1.78 -18.75 | 41.03 1.86 -18.03 | 51.97 2.56 -20.61 | 68.30 4.90 -8.93 | 54.32 3.31 -13.36 | 49.07 2.71 -14.40 | 46.64 2.24 -18.08 | 44.48 1.79 -21.66 | 43.50 1.41 -24.00 | 36.02 0.92 -22.53 |
| LOVETT___5 23593 | 35.78 0.42 -29.23 | 34.69 0.35 -28.96 | 32.16 0.35 -26.44 | 32.63 0.34 -27.01 | 33.84 0.34 -28.13 | 34.03 0.46 -26.51 | 41.04 0.82 -28.40 | 48.83 1.19 -31.15 | 48.47 1.57 -27.98 | 47.65 1.66 -26.51 | 45.04 1.84 -22.33 | 43.63 1.78 -20.64 | 42.85 1.70 -20.45 | 41.54 1.69 -19.23 | 41.28 1.78 -18.75 | 41.03 1.86 -18.03 | 51.97 2.56 -20.61 | 68.30 4.90 -8.93 | 54.32 3.31 -13.36 | 49.07 2.71 -14.40 | 46.64 2.24 -18.08 | 44.48 1.79 -21.66 | 43.50 1.41 -24.00 | 36.02 0.92 -22.53 |
| LOWER RAQUET___HYD 24057 | 5.89 -0.24 0.00 | 5.14 -0.24 0.00 | 5.15 -0.23 0.00 | 5.06 -0.22 0.00 | 5.15 -0.22 0.00 | 6.80 -0.26 0.00 | 11.38 -0.45 0.00 | 15.73 -0.76 0.00 | 17.90 -1.02 0.00 | 18.45 -1.03 0.00 | 19.73 -1.15 0.00 | 19.83 -1.38 0.00 | 19.79 -0.91 0.00 | 19.83 -0.78 0.00 | 19.88 -0.87 0.00 | 19.94 -1.20 0.00 | 26.73 -2.07 0.00 | 50.66 -3.81 0.00 | 34.94 -2.71 0.00 | 29.59 -2.36 0.00 | 24.33 -2.00 0.00 | 19.77 -1.26 0.00 | 17.49 -0.60 0.00 | 12.11 -0.46 0.00 |
| LOWER___HUDSON 24059 | 49.28 0.37 -42.78 | 48.09 0.33 -42.38 | 44.40 0.33 -38.69 | 45.13 0.32 -39.53 | 46.87 0.33 -41.16 | 46.30 0.44 -38.80 | 54.09 0.70 -41.56 | 60.01 1.07 -42.45 | 58.28 1.23 -38.13 | 56.86 1.25 -36.13 | 52.62 1.32 -30.43 | 52.69 1.27 -30.21 | 51.90 1.26 -29.93 | 50.00 1.24 -28.14 | 49.48 1.29 -27.45 | 48.88 1.35 -26.39 | 60.83 1.87 -30.16 | 71.19 3.65 -13.06 | 59.68 2.48 -19.55 | 55.20 2.17 -21.07 | 54.55 1.76 -26.45 | 54.12 1.39 -31.70 | 54.42 1.21 -35.12 | 46.34 0.79 -32.97 |
| LWR___OSWEGATCHIE_HYD 23850 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.18 0.00 | 6.87 -0.19 0.00 | 11.53 -0.30 0.00 | 16.04 -0.44 0.00 | 18.30 -0.62 0.00 | 18.86 -0.62 0.00 | 20.23 -0.65 0.00 | 20.51 -0.70 0.00 | 20.19 -0.52 0.00 | 20.16 -0.45 0.00 | 20.21 -0.54 0.00 | 20.40 -0.74 0.00 | 27.59 -1.21 0.00 | 52.35 -2.13 0.00 | 36.07 -1.58 0.00 | 30.58 -1.37 0.00 | 25.09 -1.24 0.00 | 20.21 -0.82 0.00 | 17.65 -0.43 0.00 | 12.25 -0.33 0.00 |
| LYONS_FALL_HYD 23570 | 6.13 0.01 0.00 | 5.37 -0.01 0.00 | 5.37 -0.01 0.00 | 5.27 -0.01 0.00 | 5.37 -0.01 0.00 | 7.09 0.03 0.00 | 11.92 0.09 0.00 | 16.67 0.18 0.00 | 19.09 0.17 0.00 | 19.68 0.19 0.00 | 21.06 0.19 0.00 | 21.49 0.28 0.00 | 20.89 0.19 0.00 | 20.80 0.19 0.00 | 20.91 0.17 0.00 | 21.27 0.13 0.00 | 29.06 0.26 0.00 | 55.18 0.71 0.00 | 37.99 0.34 0.00 | 32.21 0.25 0.00 | 26.46 0.13 0.00 | 21.12 0.08 0.00 | 18.20 0.11 0.00 | 12.65 0.08 0.00 |
| MADISON___COUNTY_LFGE 323628 | 6.24 0.12 0.00 | 5.47 0.09 0.00 | 5.47 0.09 0.00 | 5.37 0.08 0.00 | 5.46 0.09 0.00 | 7.21 0.15 0.00 | 12.10 0.27 0.00 | 17.87 0.45 -0.94 | 20.24 0.47 -0.84 | 20.81 0.53 -0.80 | 22.11 0.56 -0.67 | 21.89 0.68 0.00 | 21.26 0.56 0.00 | 21.15 0.54 0.00 | 21.27 0.52 0.00 | 21.67 0.53 0.00 | 29.64 0.84 0.00 | 56.22 1.74 0.00 | 38.78 1.13 0.00 | 32.88 0.93 0.00 | 27.04 0.71 0.00 | 21.51 0.48 0.00 | 18.43 0.34 0.00 | 12.86 0.29 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 3.74 -0.07 2.31 | 3.02 -0.06 2.29 | 3.22 -0.06 2.09 | 3.08 -0.06 2.14 | 3.09 -0.06 2.22 | 4.88 -0.08 2.10 | 9.45 -0.13 2.25 | 14.39 -0.20 1.90 | 16.97 -0.25 1.70 | 17.60 -0.27 1.61 | 19.21 -0.31 1.36 | 19.26 -0.32 1.63 | 18.80 -0.29 1.62 | 18.85 -0.25 1.52 | 19.06 -0.21 1.48 | 19.53 -0.19 1.43 | 26.94 -0.23 1.63 | 53.39 -0.38 0.71 | 36.29 -0.30 1.06 | 30.56 -0.26 1.14 | 24.66 -0.24 1.43 | 19.15 -0.17 1.71 | 16.03 -0.16 1.90 | 10.65 -0.14 1.78 |
| MAPLE_RIDGE_WT_2 323611 | 3.74 -0.07 2.31 | 3.02 -0.06 2.29 | 3.22 -0.06 2.09 | 3.08 -0.06 2.14 | 3.09 -0.06 2.22 | 4.88 -0.08 2.10 | 9.45 -0.13 2.25 | 14.39 -0.20 1.90 | 16.97 -0.25 1.70 | 17.60 -0.27 1.61 | 19.21 -0.31 1.36 | 19.26 -0.32 1.63 | 18.80 -0.29 1.62 | 18.85 -0.25 1.52 | 19.06 -0.21 1.48 | 19.53 -0.19 1.43 | 26.94 -0.23 1.63 | 53.39 -0.38 0.71 | 36.29 -0.30 1.06 | 30.56 -0.26 1.14 | 24.66 -0.24 1.43 | 19.15 -0.17 1.71 | 16.03 -0.16 1.90 | 10.65 -0.14 1.78 |
| MARBLE_RIVER_WT_PWR 323696 | 5.91 -0.22 0.00 | 5.18 -0.20 0.00 | 5.20 -0.18 0.00 | 5.12 -0.16 0.00 | 5.22 -0.16 0.00 | 6.87 -0.18 0.00 | 11.54 -0.28 0.00 | 16.06 -0.43 0.00 | 18.30 -0.62 0.00 | 18.84 -0.64 0.00 | 20.13 -0.75 0.00 | 20.45 -0.76 0.00 | 20.04 -0.66 0.00 | 20.02 -0.60 0.00 | 20.17 -0.58 0.00 | 20.51 -0.63 0.00 | 27.88 -0.92 0.00 | 52.89 -1.58 0.00 | 36.63 -1.01 0.00 | 31.06 -0.89 0.00 | 25.57 -0.76 0.00 | 20.51 -0.52 0.00 | 17.74 -0.34 0.00 | 12.29 -0.29 0.00 |
| MARSH_HILL_WT_PWR 323713 | 12.08 0.01 -5.94 | 11.26 -0.01 -5.89 | 10.77 0.02 -5.37 | 10.76 -0.01 -5.49 | 11.09 0.00 -5.72 | 12.44 -0.01 -5.39 | 17.56 -0.04 -5.77 | 23.24 -0.02 -6.77 | 24.94 -0.06 -6.08 | 25.24 0.00 -5.76 | 25.68 -0.04 -4.85 | 25.56 0.15 -4.20 | 24.99 0.12 -4.16 | 24.59 0.06 -3.91 | 24.60 0.04 -3.81 | 24.91 0.11 -3.66 | 33.14 0.14 -4.19 | 56.45 0.16 -1.81 | 40.63 0.27 -2.71 | 35.23 0.35 -2.93 | 30.32 0.32 -3.67 | 25.43 0.00 -4.40 | 22.73 -0.24 -4.88 | 17.22 0.06 -4.58 |
| MG INDUSTRY___DRP 24185 | 47.05 0.29 -40.63 | 45.89 0.25 -40.25 | 42.38 0.25 -36.74 | 43.07 0.25 -37.54 | 44.72 0.25 -39.10 | 44.24 0.33 -36.85 | 51.84 0.54 -39.47 | 57.87 0.79 -40.59 | 56.28 0.91 -36.46 | 54.96 0.94 -34.55 | 50.97 1.00 -29.09 | 50.86 0.96 -28.69 | 50.06 0.93 -28.43 | 48.25 0.91 -26.73 | 47.77 0.95 -26.07 | 47.22 1.01 -25.06 | 58.83 1.38 -28.64 | 69.50 2.61 -12.41 | 58.02 1.81 -18.57 | 53.50 1.53 -20.01 | 52.74 1.29 -25.12 | 52.15 1.01 -30.11 | 52.31 0.87 -33.35 | 44.44 0.55 -31.31 |
| MID___OSWEGATCHIE_HYD 23849 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.18 0.00 | 6.87 -0.19 0.00 | 11.53 -0.30 0.00 | 16.04 -0.44 0.00 | 18.30 -0.62 0.00 | 18.86 -0.62 0.00 | 20.23 -0.65 0.00 | 20.51 -0.70 0.00 | 20.19 -0.52 0.00 | 20.16 -0.45 0.00 | 20.21 -0.54 0.00 | 20.40 -0.74 0.00 | 27.59 -1.21 0.00 | 52.35 -2.13 0.00 | 36.07 -1.58 0.00 | 30.58 -1.37 0.00 | 25.09 -1.24 0.00 | 20.21 -0.82 0.00 | 17.65 -0.43 0.00 | 12.25 -0.33 0.00 |
| MID___RAQUETTE_HYD 23851 | 5.89 -0.24 0.00 | 5.14 -0.24 0.00 | 5.15 -0.23 0.00 | 5.06 -0.22 0.00 | 5.15 -0.22 0.00 | 6.80 -0.26 0.00 | 11.38 -0.45 0.00 | 15.73 -0.76 0.00 | 17.90 -1.02 0.00 | 18.45 -1.03 0.00 | 19.73 -1.15 0.00 | 19.83 -1.38 0.00 | 19.79 -0.91 0.00 | 19.83 -0.78 0.00 | 19.88 -0.87 0.00 | 19.94 -1.20 0.00 | 26.73 -2.07 0.00 | 50.66 -3.81 0.00 | 34.94 -2.71 0.00 | 29.59 -2.36 0.00 | 24.33 -2.00 0.00 | 19.77 -1.26 0.00 | 17.49 -0.60 0.00 | 12.11 -0.46 0.00 |

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| MILLIKEN___1 23584 | 11.30 0.13 -5.04 | 10.47 0.10 -4.99 | 10.05 0.11 -4.56 | 10.03 0.10 -4.65 | 10.32 0.10 -4.85 | 11.79 0.16 -4.57 | 17.02 0.30 -4.89 | 22.74 0.48 -5.77 | 24.63 0.53 -5.18 | 24.96 0.57 -4.91 | 25.62 0.61 -4.13 | 25.47 0.70 -3.56 | 24.83 0.60 -3.52 | 24.49 0.56 -3.31 | 24.50 0.52 -3.23 | 24.82 0.57 -3.11 | 33.28 0.92 -3.55 | 57.92 1.91 -1.54 | 41.27 1.32 -2.30 | 35.55 1.12 -2.48 | 30.34 0.90 -3.12 | 25.33 0.57 -3.73 | 22.57 0.34 -4.14 | 16.78 0.33 -3.88 |
| MILLIKEN___2 23585 | 11.30 0.13 -5.04 | 10.47 0.10 -4.99 | 10.05 0.11 -4.56 | 10.03 0.10 -4.65 | 10.32 0.10 -4.85 | 11.79 0.16 -4.57 | 17.02 0.30 -4.89 | 22.74 0.48 -5.77 | 24.63 0.53 -5.18 | 24.96 0.57 -4.91 | 25.62 0.61 -4.13 | 25.47 0.70 -3.56 | 24.83 0.60 -3.52 | 24.49 0.56 -3.31 | 24.50 0.52 -3.23 | 24.82 0.57 -3.11 | 33.28 0.92 -3.55 | 57.92 1.91 -1.54 | 41.27 1.32 -2.30 | 35.55 1.12 -2.48 | 30.34 0.90 -3.12 | 25.33 0.57 -3.73 | 22.57 0.34 -4.14 | 16.78 0.33 -3.88 |
| MILLIKEN___DIESEL 23629 | 11.30 0.13 -5.04 | 10.47 0.10 -4.99 | 10.05 0.11 -4.56 | 10.03 0.10 -4.65 | 10.32 0.10 -4.85 | 11.79 0.16 -4.57 | 17.02 0.30 -4.89 | 22.74 0.48 -5.77 | 24.63 0.53 -5.18 | 24.96 0.57 -4.91 | 25.62 0.61 -4.13 | 25.47 0.70 -3.56 | 24.83 0.60 -3.52 | 24.49 0.56 -3.31 | 24.50 0.52 -3.23 | 24.82 0.57 -3.11 | 33.28 0.92 -3.55 | 57.92 1.91 -1.54 | 41.27 1.32 -2.30 | 35.55 1.12 -2.48 | 30.34 0.90 -3.12 | 25.33 0.57 -3.73 | 22.57 0.34 -4.14 | 16.78 0.33 -3.88 |
| MILLSEAT___LFGE 323607 | 9.93 -0.15 -3.95 | 9.18 -0.12 -3.92 | 8.86 -0.09 -3.57 | 8.81 -0.13 -3.65 | 9.05 -0.13 -3.80 | 10.44 -0.20 -3.58 | 15.17 -0.50 -3.84 | 20.40 -0.61 -4.52 | 22.20 -0.78 -4.06 | 22.53 -0.80 -3.84 | 23.05 -1.06 -3.24 | 23.01 -1.00 -2.79 | 22.64 -0.83 -2.77 | 22.33 -0.89 -2.60 | 22.31 -0.97 -2.54 | 22.63 -0.95 -2.44 | 30.29 -1.30 -2.79 | 52.90 -2.78 -1.21 | 37.72 -1.73 -1.81 | 32.59 -1.31 -1.95 | 27.75 -1.03 -2.44 | 22.93 -1.03 -2.93 | 20.34 -0.99 -3.24 | 15.24 -0.38 -3.05 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 36.81 0.42 -30.26 | 35.70 0.34 -29.98 | 33.09 0.34 -27.37 | 33.58 0.34 -27.96 | 34.83 0.34 -29.12 | 34.95 0.45 -27.44 | 42.03 0.80 -29.40 | 49.65 1.19 -31.98 | 49.23 1.59 -28.72 | 48.37 1.68 -27.22 | 45.65 1.86 -22.92 | 44.40 1.82 -21.37 | 43.61 1.74 -21.17 | 42.26 1.73 -19.91 | 41.99 1.83 -19.41 | 41.71 1.90 -18.67 | 52.75 2.62 -21.33 | 68.72 5.01 -9.24 | 54.87 3.39 -13.83 | 49.64 2.78 -14.91 | 47.33 2.29 -18.71 | 45.26 1.81 -22.42 | 44.36 1.43 -24.84 | 36.83 0.93 -23.32 |
| MODEL_CITY_ENERGY 24167 | 9.99 -0.30 -4.16 | 9.24 -0.26 -4.13 | 8.91 -0.23 -3.77 | 8.86 -0.26 -3.85 | 9.12 -0.26 -4.01 | 10.42 -0.41 -3.78 | 15.00 -0.88 -4.05 | 20.02 -1.22 -4.75 | 21.69 -1.50 -4.27 | 22.01 -1.52 -4.04 | 22.47 -1.82 -3.41 | 22.37 -1.78 -2.94 | 22.04 -1.57 -2.91 | 21.73 -1.63 -2.74 | 21.70 -1.72 -2.67 | 22.00 -1.71 -2.57 | 29.26 -2.48 -2.94 | 50.57 -5.18 -1.27 | 36.24 -3.31 -1.90 | 31.42 -2.59 -2.05 | 26.88 -2.03 -2.57 | 22.31 -1.81 -3.09 | 19.92 -1.59 -3.42 | 15.03 -0.75 -3.21 |
| MODERN_LFGE___ 323580 | 9.99 -0.30 -4.16 | 9.24 -0.26 -4.13 | 8.91 -0.23 -3.77 | 8.86 -0.26 -3.85 | 9.12 -0.26 -4.01 | 10.42 -0.41 -3.78 | 15.00 -0.88 -4.05 | 20.02 -1.22 -4.75 | 21.69 -1.50 -4.27 | 22.01 -1.52 -4.04 | 22.47 -1.82 -3.41 | 22.37 -1.78 -2.94 | 22.04 -1.57 -2.91 | 21.73 -1.63 -2.74 | 21.70 -1.72 -2.67 | 22.00 -1.71 -2.57 | 29.26 -2.48 -2.94 | 50.57 -5.18 -1.27 | 36.24 -3.31 -1.90 | 31.42 -2.59 -2.05 | 26.88 -2.03 -2.57 | 22.31 -1.81 -3.09 | 19.92 -1.59 -3.42 | 15.03 -0.75 -3.21 |
| MOHAWK_PAPER___DRP 24187 | 48.55 0.35 -42.08 | 47.38 0.31 -41.69 | 43.74 0.31 -38.05 | 44.46 0.31 -38.88 | 46.17 0.31 -40.49 | 45.63 0.42 -38.16 | 53.37 0.66 -40.88 | 59.32 0.99 -41.85 | 57.62 1.12 -37.58 | 56.23 1.13 -35.61 | 52.06 1.19 -29.99 | 52.07 1.14 -29.71 | 51.28 1.14 -29.44 | 49.41 1.11 -27.68 | 48.90 1.16 -26.99 | 48.32 1.23 -25.95 | 60.16 1.70 -29.66 | 70.59 3.27 -12.85 | 59.10 2.22 -19.23 | 54.63 1.95 -20.73 | 53.96 1.61 -26.02 | 53.47 1.26 -31.18 | 53.73 1.10 -34.54 | 45.71 0.70 -32.43 |
| MONGAUP___HYD 23641 | 33.85 0.54 -27.19 | 32.79 0.47 -26.94 | 30.45 0.48 -24.59 | 30.87 0.46 -25.12 | 32.01 0.47 -26.16 | 32.33 0.61 -24.66 | 39.37 1.12 -26.41 | 47.69 1.68 -29.52 | 47.49 2.06 -26.51 | 46.75 2.14 -25.12 | 44.37 2.34 -21.15 | 42.66 2.25 -19.20 | 41.88 2.15 -19.02 | 40.61 2.10 -17.89 | 40.37 2.18 -17.44 | 40.22 2.30 -16.77 | 51.34 3.37 -19.17 | 69.26 6.48 -8.30 | 54.36 4.29 -12.42 | 48.89 3.55 -13.39 | 46.04 2.90 -16.81 | 43.49 2.31 -20.15 | 42.23 1.83 -22.32 | 34.72 1.20 -20.95 |
| MONTAUK___DIESEL 23721 | 37.47 0.91 -30.44 | 36.23 0.69 -30.16 | 33.55 0.64 -27.53 | 34.04 0.63 -28.13 | 35.32 0.66 -29.29 | 35.67 1.01 -27.60 | 43.99 2.02 -30.14 | 51.75 2.87 -32.40 | 51.70 3.56 -29.23 | 50.77 3.62 -27.66 | 47.72 3.82 -23.02 | 46.55 3.84 -21.50 | 45.69 3.69 -21.30 | 44.23 3.59 -20.03 | 44.01 3.73 -19.53 | 44.04 3.97 -18.92 | 58.55 5.73 -24.01 | 77.94 10.62 -12.84 | 64.39 7.27 -19.47 | 56.35 5.88 -18.52 | 54.50 5.03 -23.14 | 48.76 4.12 -23.61 | 46.12 3.04 -24.99 | 38.17 2.14 -23.46 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.47 -27.61 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.50 | 43.90 1.90 -21.30 | 42.56 1.92 -20.03 | 42.29 2.01 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -15.00 | 47.63 2.47 -18.82 | 45.54 1.96 -22.56 | 44.63 1.56 -24.99 | 37.04 1.01 -23.46 |
| MUNSVILLE_WIND_PWR 323609 | 14.91 0.43 -8.35 | 14.00 0.34 -8.27 | 13.29 0.35 -7.55 | 13.34 0.34 -7.72 | 13.74 0.33 -8.04 | 15.15 0.51 -7.57 | 20.90 0.96 -8.11 | 27.62 1.53 -9.59 | 29.22 1.68 -8.62 | 29.40 1.75 -8.17 | 29.69 1.94 -6.88 | 29.42 2.31 -5.90 | 28.47 1.93 -5.84 | 28.01 1.90 -5.49 | 28.05 1.95 -5.36 | 28.28 1.99 -5.15 | 37.80 3.11 -5.89 | 63.61 6.59 -2.55 | 45.75 4.29 -3.82 | 39.64 3.58 -4.11 | 34.23 2.74 -5.16 | 29.20 1.98 -6.19 | 26.46 1.52 -6.86 | 20.13 1.12 -6.44 |
| N SALMON___HYD 24042 | 5.95 -0.18 0.00 | 5.19 -0.19 0.00 | 5.22 -0.16 0.00 | 5.13 -0.15 0.00 | 5.23 -0.14 0.00 | 6.91 -0.15 0.00 | 11.62 -0.21 0.00 | 16.14 -0.35 0.00 | 18.33 -0.59 0.00 | 18.88 -0.60 0.00 | 20.13 -0.75 0.00 | 20.45 -0.76 0.00 | 20.06 -0.64 0.00 | 20.04 -0.58 0.00 | 20.17 -0.58 0.00 | 20.49 -0.66 0.00 | 27.77 -1.04 0.00 | 52.78 -1.69 0.00 | 36.56 -1.09 0.00 | 30.99 -0.96 0.00 | 25.46 -0.87 0.00 | 20.48 -0.55 0.00 | 17.80 -0.29 0.00 | 12.31 -0.26 0.00 |
| N.E_GEN_SANDY PD 24062 | 44.13 0.37 -37.63 | 42.97 0.31 -37.28 | 39.73 0.32 -34.03 | 40.35 0.31 -34.77 | 41.89 0.31 -36.21 | 41.60 0.42 -34.13 | 49.09 0.71 -36.56 | 55.64 1.09 -38.07 | 54.43 1.32 -34.19 | 53.22 1.34 -32.40 | 49.64 1.48 -27.28 | 49.20 1.42 -26.57 | 48.40 1.37 -26.33 | 46.71 1.34 -24.75 | 46.30 1.41 -24.14 | 45.85 1.50 -23.21 | 57.37 2.05 -26.53 | 69.94 3.97 -11.49 | 57.59 2.75 -17.20 | 52.79 2.30 -18.54 | 51.47 1.87 -23.27 | 50.36 1.45 -27.88 | 50.21 1.23 -30.89 | 42.38 0.81 -29.00 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 35.73 0.44 -29.16 | 34.63 0.36 -28.89 | 32.11 0.36 -26.37 | 32.58 0.35 -26.94 | 33.79 0.35 -28.06 | 33.98 0.47 -26.45 | 41.00 0.84 -28.33 | 48.82 1.24 -31.10 | 48.48 1.63 -27.93 | 47.66 1.71 -26.47 | 45.06 1.90 -22.29 | 43.65 1.84 -20.59 | 42.86 1.76 -20.40 | 41.55 1.75 -19.18 | 41.30 1.85 -18.71 | 41.05 1.92 -17.99 | 52.01 2.65 -20.56 | 68.45 5.07 -8.90 | 54.40 3.43 -13.33 | 49.13 2.81 -14.36 | 46.68 2.32 -18.03 | 44.49 1.85 -21.61 | 43.49 1.46 -23.94 | 36.00 0.96 -22.47 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_1 24228 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_2 24229 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_3 24230 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_4 24231 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_5 24232 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_6 24233 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_7 24234 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT1_8 24235 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_1 24236 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_2 24237 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_3 24238 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_4 24239 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_5 24240 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_6 24241 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NARROWS_GT2_7 24242 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_8 24243 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 40.43 0.48 -33.82 | 39.32 0.43 -33.51 | 36.40 0.44 -30.58 | 36.96 0.43 -31.25 | 38.35 0.44 -32.54 | 38.29 0.56 -30.67 | 45.71 1.03 -32.85 | 52.94 1.52 -34.93 | 52.05 1.76 -31.37 | 51.03 1.81 -29.73 | 47.83 1.92 -25.04 | 46.94 1.84 -23.88 | 46.16 1.80 -23.66 | 44.62 1.75 -22.25 | 44.27 1.83 -21.70 | 43.95 1.94 -20.86 | 55.49 2.85 -23.84 | 70.41 5.61 -10.33 | 56.83 3.73 -15.45 | 51.68 3.07 -16.66 | 49.75 2.50 -20.91 | 48.11 2.02 -25.06 | 47.48 1.63 -27.76 | 39.67 1.03 -26.06 |
| NEG CAPITAL___MECHNVIL 23645 | 50.18 0.47 -43.58 | 48.97 0.41 -43.18 | 45.22 0.42 -39.42 | 45.96 0.41 -40.27 | 47.74 0.42 -41.94 | 47.15 0.56 -39.53 | 55.06 0.89 -42.34 | 61.02 1.37 -43.16 | 59.25 1.57 -38.77 | 57.82 1.60 -36.74 | 53.46 1.65 -30.93 | 53.60 1.61 -30.78 | 52.81 1.62 -30.49 | 50.90 1.61 -28.67 | 50.35 1.64 -27.96 | 49.74 1.71 -26.88 | 61.95 2.42 -30.72 | 72.47 4.69 -13.31 | 60.80 3.24 -19.92 | 56.26 2.84 -21.47 | 55.57 2.29 -26.95 | 55.16 1.83 -32.30 | 55.40 1.54 -35.78 | 47.18 1.02 -33.59 |
| NEG CENTRAL_HIGH_ACRES 23767 | 9.05 -0.25 -3.17 | 8.31 -0.21 -3.14 | 8.05 -0.20 -2.87 | 7.99 -0.22 -2.93 | 8.20 -0.22 -3.05 | 9.66 -0.28 -2.87 | 14.40 -0.51 -3.08 | 19.53 -0.66 -3.70 | 21.46 -0.78 -3.32 | 21.81 -0.82 -3.15 | 22.55 -0.98 -2.65 | 22.52 -0.93 -2.24 | 22.01 -0.91 -2.22 | 21.78 -0.93 -2.09 | 21.79 -1.00 -2.03 | 22.13 -0.97 -1.96 | 29.83 -1.21 -2.23 | 53.26 -2.18 -0.97 | 37.59 -1.51 -1.45 | 32.30 -1.21 -1.56 | 27.29 -1.00 -1.96 | 22.48 -0.90 -2.35 | 19.77 -0.92 -2.60 | 14.53 -0.49 -2.44 |
| NEG CENTRAL___DRP 24199 | 10.05 0.04 -3.88 | 9.26 0.04 -3.85 | 8.94 0.05 -3.51 | 8.90 0.03 -3.59 | 9.14 0.03 -3.74 | 10.65 0.07 -3.52 | 15.72 0.12 -3.77 | 21.17 0.23 -4.45 | 23.14 0.23 -4.00 | 23.52 0.25 -3.79 | 24.30 0.23 -3.19 | 24.27 0.32 -2.74 | 23.67 0.25 -2.72 | 23.36 0.19 -2.55 | 23.38 0.15 -2.49 | 23.73 0.19 -2.40 | 31.94 0.40 -2.74 | 56.53 0.87 -1.19 | 40.02 0.60 -1.77 | 34.44 0.58 -1.91 | 29.18 0.45 -2.40 | 24.12 0.21 -2.88 | 21.28 0.00 -3.19 | 15.70 0.14 -2.99 |
| NEG CENTRAL___INDECK 23768 | 10.99 0.01 -4.85 | 10.21 0.03 -4.81 | 9.81 0.04 -4.39 | 9.78 0.01 -4.48 | 10.05 0.01 -4.67 | 11.49 0.04 -4.40 | 16.54 0.00 -4.71 | 22.16 0.13 -5.54 | 23.99 0.10 -4.97 | 24.31 0.12 -4.71 | 24.85 0.00 -3.97 | 24.74 0.11 -3.43 | 24.25 0.15 -3.40 | 23.89 0.08 -3.19 | 23.88 0.02 -3.11 | 24.22 0.08 -2.99 | 32.48 0.26 -3.42 | 56.39 0.43 -1.48 | 40.20 0.34 -2.22 | 34.69 0.35 -2.39 | 29.62 0.29 -3.00 | 24.65 0.02 -3.60 | 21.87 -0.20 -3.98 | 16.39 0.08 -3.74 |
| NEG CENTRAL___SENECA 23627 | 10.77 0.10 -4.54 | 9.96 0.09 -4.50 | 9.59 0.10 -4.11 | 9.56 0.08 -4.20 | 9.82 0.08 -4.37 | 11.32 0.14 -4.12 | 16.48 0.24 -4.41 | 22.07 0.40 -5.19 | 24.02 0.44 -4.66 | 24.35 0.45 -4.42 | 25.01 0.42 -3.72 | 24.95 0.53 -3.21 | 24.32 0.44 -3.18 | 23.98 0.37 -2.99 | 23.99 0.33 -2.91 | 24.33 0.38 -2.80 | 32.69 0.69 -3.20 | 57.27 1.41 -1.39 | 40.74 1.02 -2.08 | 35.12 0.93 -2.24 | 29.88 0.74 -2.81 | 24.79 0.40 -3.37 | 21.94 0.13 -3.73 | 16.33 0.25 -3.50 |
| NEG CENTRAL___STATE_STREET 24147 | 9.89 0.12 -3.65 | 9.09 0.10 -3.61 | 8.79 0.11 -3.30 | 8.74 0.09 -3.37 | 8.98 0.10 -3.51 | 10.53 0.16 -3.31 | 15.65 0.28 -3.54 | 21.16 0.48 -4.19 | 23.21 0.53 -3.77 | 23.60 0.54 -3.57 | 24.47 0.58 -3.01 | 24.48 0.70 -2.57 | 23.83 0.58 -2.55 | 23.55 0.54 -2.40 | 23.58 0.50 -2.34 | 23.96 0.57 -2.25 | 32.32 0.95 -2.57 | 57.55 1.96 -1.11 | 40.71 1.39 -1.67 | 34.96 1.21 -1.80 | 29.56 0.97 -2.25 | 24.32 0.59 -2.70 | 21.41 0.33 -2.99 | 15.71 0.33 -2.81 |
| NEG MILLWOOD___DRP 24198 | 38.18 0.50 -31.56 | 37.07 0.42 -31.26 | 34.35 0.43 -28.54 | 34.85 0.42 -29.16 | 36.16 0.42 -30.37 | 36.22 0.54 -28.62 | 43.47 0.98 -30.66 | 50.99 1.47 -33.04 | 50.50 1.91 -29.67 | 49.61 2.01 -28.12 | 46.73 2.17 -23.68 | 45.60 2.10 -22.28 | 44.79 2.01 -22.08 | 43.38 2.00 -20.76 | 43.09 2.09 -20.25 | 42.81 2.20 -19.47 | 54.19 3.14 -22.25 | 70.16 6.05 -9.64 | 55.98 3.92 -14.42 | 50.72 3.23 -15.55 | 48.50 2.66 -19.51 | 46.60 2.19 -23.38 | 45.71 1.72 -25.91 | 37.98 1.08 -24.32 |
| NEG NORTH_FLCN_SEA 23793 | 5.98 -0.15 0.00 | 5.23 -0.15 0.00 | 5.25 -0.13 0.00 | 5.17 -0.12 0.00 | 5.27 -0.11 0.00 | 6.94 -0.11 0.00 | 11.67 -0.15 0.00 | 16.24 -0.25 0.00 | 18.48 -0.43 0.00 | 19.01 -0.47 0.00 | 20.29 -0.58 0.00 | 20.64 -0.57 0.00 | 20.21 -0.50 0.00 | 20.16 -0.45 0.00 | 20.31 -0.44 0.00 | 20.68 -0.47 0.00 | 28.11 -0.69 0.00 | 53.44 -1.04 0.00 | 37.01 -0.64 0.00 | 31.38 -0.57 0.00 | 25.80 -0.53 0.00 | 20.69 -0.34 0.00 | 17.91 -0.18 0.00 | 12.39 -0.19 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 5.91 -0.21 0.00 | 5.18 -0.20 0.00 | 5.20 -0.18 0.00 | 5.12 -0.16 0.00 | 5.22 -0.16 0.00 | 6.87 -0.18 0.00 | 11.56 -0.27 0.00 | 16.06 -0.43 0.00 | 18.30 -0.62 0.00 | 18.82 -0.66 0.00 | 20.11 -0.77 0.00 | 20.43 -0.78 0.00 | 20.00 -0.70 0.00 | 19.98 -0.64 0.00 | 20.13 -0.62 0.00 | 20.49 -0.66 0.00 | 27.85 -0.95 0.00 | 52.84 -1.63 0.00 | 36.59 -1.05 0.00 | 31.02 -0.93 0.00 | 25.54 -0.79 0.00 | 20.48 -0.55 0.00 | 17.73 -0.36 0.00 | 12.26 -0.31 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 5.97 -0.16 0.00 | 5.21 -0.17 0.00 | 5.24 -0.14 0.00 | 5.15 -0.13 0.00 | 5.26 -0.12 0.00 | 6.94 -0.11 0.00 | 11.67 -0.15 0.00 | 16.24 -0.25 0.00 | 18.47 -0.45 0.00 | 19.00 -0.49 0.00 | 20.25 -0.63 0.00 | 20.62 -0.59 0.00 | 20.15 -0.56 0.00 | 20.12 -0.50 0.00 | 20.27 -0.48 0.00 | 20.64 -0.51 0.00 | 28.08 -0.72 0.00 | 53.38 -1.09 0.00 | 37.01 -0.64 0.00 | 31.34 -0.61 0.00 | 25.80 -0.53 0.00 | 20.67 -0.36 0.00 | 17.89 -0.20 0.00 | 12.37 -0.20 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 5.97 -0.16 0.00 | 5.21 -0.17 0.00 | 5.24 -0.14 0.00 | 5.15 -0.13 0.00 | 5.26 -0.12 0.00 | 6.94 -0.11 0.00 | 11.67 -0.15 0.00 | 16.24 -0.25 0.00 | 18.47 -0.45 0.00 | 19.00 -0.49 0.00 | 20.25 -0.63 0.00 | 20.62 -0.59 0.00 | 20.15 -0.56 0.00 | 20.12 -0.50 0.00 | 20.27 -0.48 0.00 | 20.64 -0.51 0.00 | 28.08 -0.72 0.00 | 53.38 -1.09 0.00 | 37.01 -0.64 0.00 | 31.34 -0.61 0.00 | 25.80 -0.53 0.00 | 20.67 -0.36 0.00 | 17.89 -0.20 0.00 | 12.37 -0.20 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 5.97 -0.16 0.00 | 5.21 -0.17 0.00 | 5.24 -0.14 0.00 | 5.15 -0.13 0.00 | 5.26 -0.12 0.00 | 6.94 -0.11 0.00 | 11.67 -0.15 0.00 | 16.24 -0.25 0.00 | 18.47 -0.45 0.00 | 19.00 -0.49 0.00 | 20.25 -0.63 0.00 | 20.62 -0.59 0.00 | 20.15 -0.56 0.00 | 20.12 -0.50 0.00 | 20.27 -0.48 0.00 | 20.64 -0.51 0.00 | 28.08 -0.72 0.00 | 53.38 -1.09 0.00 | 37.01 -0.64 0.00 | 31.34 -0.61 0.00 | 25.80 -0.53 0.00 | 20.67 -0.36 0.00 | 17.89 -0.20 0.00 | 12.37 -0.20 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 10.01 -0.25 -4.13 | 9.26 -0.21 -4.09 | 8.93 -0.18 -3.73 | 8.88 -0.22 -3.82 | 9.14 -0.21 -3.97 | 10.46 -0.34 -3.74 | 15.12 -0.72 -4.01 | 20.23 -0.97 -4.71 | 21.94 -1.21 -4.23 | 22.29 -1.21 -4.01 | 22.77 -1.48 -3.38 | 22.68 -1.44 -2.92 | 22.33 -1.26 -2.89 | 22.01 -1.32 -2.72 | 21.98 -1.41 -2.65 | 22.29 -1.40 -2.55 | 29.70 -2.02 -2.91 | 51.43 -4.30 -1.26 | 36.82 -2.71 -1.89 | 31.91 -2.08 -2.03 | 27.28 -1.61 -2.55 | 22.60 -1.49 -3.06 | 20.14 -1.34 -3.39 | 15.14 -0.62 -3.18 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG WEST___LANCASTR 23811 | 10.51 -0.09 -4.47 | 9.73 -0.08 -4.43 | 9.37 -0.05 -4.04 | 9.33 -0.08 -4.13 | 9.60 -0.08 -4.30 | 10.96 -0.15 -4.05 | 15.83 -0.34 -4.34 | 21.24 -0.35 -5.10 | 23.02 -0.47 -4.58 | 23.35 -0.47 -4.34 | 23.88 -0.65 -3.65 | 23.79 -0.57 -3.16 | 23.42 -0.41 -3.13 | 23.08 -0.47 -2.94 | 23.05 -0.56 -2.87 | 23.37 -0.53 -2.76 | 31.12 -0.84 -3.15 | 53.82 -2.01 -1.36 | 38.60 -1.09 -2.04 | 33.45 -0.70 -2.20 | 28.59 -0.50 -2.76 | 23.69 -0.65 -3.31 | 21.09 -0.67 -3.67 | 15.80 -0.21 -3.44 |
| NEG_PENN_ALLEGHNY 23528 | 15.55 0.09 -9.33 | 14.69 0.07 -9.25 | 13.90 0.08 -8.44 | 13.97 0.07 -8.62 | 14.43 0.08 -8.98 | 15.62 0.10 -8.46 | 21.06 0.17 -9.07 | 27.32 0.23 -10.60 | 28.70 0.26 -9.52 | 28.79 0.29 -9.02 | 28.80 0.33 -7.59 | 28.16 0.36 -6.59 | 27.52 0.29 -6.53 | 27.01 0.25 -6.14 | 26.96 0.23 -5.99 | 27.15 0.25 -5.76 | 35.75 0.37 -6.58 | 58.03 0.71 -2.85 | 42.44 0.53 -4.26 | 37.03 0.48 -4.60 | 32.55 0.45 -5.77 | 28.20 0.25 -6.91 | 25.84 0.09 -7.66 | 19.94 0.18 -7.19 |
| NEG___GEN_MONROE 24207 | 9.42 -0.07 -3.36 | 8.68 -0.03 -3.33 | 8.41 -0.01 -3.04 | 8.34 -0.04 -3.11 | 8.55 -0.05 -3.23 | 10.05 -0.06 -3.05 | 14.89 -0.20 -3.27 | 20.16 -0.18 -3.86 | 22.10 -0.28 -3.46 | 22.47 -0.29 -3.28 | 23.14 -0.50 -2.76 | 23.16 -0.42 -2.37 | 22.70 -0.35 -2.35 | 22.42 -0.41 -2.21 | 22.39 -0.52 -2.16 | 22.73 -0.49 -2.07 | 30.65 -0.52 -2.37 | 54.52 -0.98 -1.03 | 38.51 -0.68 -1.54 | 33.13 -0.48 -1.66 | 27.99 -0.42 -2.08 | 23.00 -0.52 -2.49 | 20.23 -0.62 -2.76 | 14.99 -0.18 -2.59 |
| NEPA___ENERGY 23901 | 12.14 -0.18 -6.19 | 11.34 -0.17 -6.14 | 10.84 -0.14 -5.60 | 10.84 -0.16 -5.72 | 11.17 -0.16 -5.96 | 12.44 -0.24 -5.62 | 17.34 -0.51 -6.02 | 22.69 -0.84 -7.04 | 24.20 -1.04 -6.33 | 24.42 -1.05 -5.99 | 24.74 -1.19 -5.05 | 24.40 -1.19 -4.37 | 23.88 -1.16 -4.33 | 23.50 -1.20 -4.08 | 23.48 -1.24 -3.97 | 23.72 -1.25 -3.82 | 31.33 -1.84 -4.37 | 52.66 -3.71 -1.89 | 38.07 -2.41 -2.83 | 33.12 -1.89 -3.05 | 28.74 -1.42 -3.83 | 24.40 -1.22 -4.59 | 22.00 -1.18 -5.09 | 16.81 -0.54 -4.77 |
| NEVERSINK___HYD 23608 | 32.06 0.42 -25.51 | 31.01 0.35 -25.28 | 28.81 0.35 -23.07 | 29.20 0.34 -23.57 | 30.27 0.35 -24.55 | 30.67 0.47 -23.14 | 37.49 0.88 -24.79 | 46.01 1.32 -28.20 | 45.91 1.67 -25.32 | 45.21 1.73 -24.00 | 42.99 1.90 -20.21 | 41.05 1.82 -18.02 | 40.27 1.72 -17.85 | 39.07 1.67 -16.78 | 38.86 1.74 -16.37 | 38.72 1.84 -15.74 | 49.38 2.59 -17.99 | 67.27 5.01 -7.79 | 52.66 3.35 -11.66 | 47.27 2.75 -12.57 | 44.34 2.24 -15.78 | 41.72 1.79 -18.91 | 40.46 1.43 -20.94 | 33.18 0.94 -19.66 |
| NEWTON___FALLS_HYD 23847 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.18 0.00 | 6.87 -0.19 0.00 | 11.53 -0.30 0.00 | 16.04 -0.44 0.00 | 18.30 -0.62 0.00 | 18.86 -0.62 0.00 | 20.23 -0.65 0.00 | 20.51 -0.70 0.00 | 20.19 -0.52 0.00 | 20.16 -0.45 0.00 | 20.21 -0.54 0.00 | 20.40 -0.74 0.00 | 27.59 -1.21 0.00 | 52.35 -2.13 0.00 | 36.07 -1.58 0.00 | 30.58 -1.37 0.00 | 25.09 -1.24 0.00 | 20.21 -0.82 0.00 | 17.65 -0.43 0.00 | 12.25 -0.33 0.00 |
| NIAGARA_115E_LBMP 323715 | 9.99 -0.33 -4.20 | 9.25 -0.29 -4.16 | 8.92 -0.26 -3.80 | 8.87 -0.29 -3.88 | 9.12 -0.29 -4.04 | 10.41 -0.45 -3.81 | 14.96 -0.95 -4.08 | 19.92 -1.35 -4.79 | 21.57 -1.65 -4.30 | 21.90 -1.66 -4.08 | 22.33 -1.98 -3.43 | 22.22 -1.95 -2.96 | 21.90 -1.74 -2.94 | 21.58 -1.79 -2.76 | 21.57 -1.87 -2.69 | 21.85 -1.88 -2.59 | 29.02 -2.74 -2.96 | 50.15 -5.61 -1.28 | 35.95 -3.61 -1.92 | 31.17 -2.84 -2.07 | 26.69 -2.24 -2.59 | 22.16 -1.98 -3.11 | 19.80 -1.74 -3.44 | 14.97 -0.84 -3.23 |
| NIAGARA_115W_LBMP 323714 | 10.02 -0.32 -4.21 | 9.27 -0.28 -4.17 | 8.94 -0.25 -3.81 | 8.89 -0.28 -3.89 | 9.14 -0.28 -4.05 | 10.44 -0.43 -3.82 | 15.02 -0.90 -4.09 | 20.02 -1.27 -4.80 | 21.70 -1.53 -4.31 | 22.01 -1.56 -4.09 | 22.48 -1.84 -3.44 | 22.38 -1.80 -2.97 | 22.01 -1.64 -2.94 | 21.72 -1.67 -2.77 | 21.68 -1.76 -2.70 | 21.98 -1.75 -2.60 | 29.21 -2.56 -2.97 | 50.42 -5.34 -1.29 | 36.15 -3.43 -1.92 | 31.37 -2.65 -2.07 | 26.85 -2.08 -2.60 | 22.30 -1.85 -3.12 | 19.92 -1.63 -3.45 | 15.03 -0.79 -3.24 |
| NIAGARA_230_LBMP 323716 | 10.00 -0.31 -4.17 | 9.25 -0.27 -4.14 | 8.92 -0.24 -3.77 | 8.87 -0.27 -3.86 | 9.12 -0.27 -4.02 | 10.44 -0.40 -3.79 | 15.05 -0.83 -4.05 | 20.09 -1.15 -4.76 | 21.80 -1.40 -4.28 | 22.11 -1.42 -4.05 | 22.60 -1.69 -3.41 | 22.50 -1.65 -2.95 | 22.11 -1.51 -2.92 | 21.82 -1.55 -2.75 | 21.79 -1.64 -2.68 | 22.09 -1.63 -2.57 | 29.38 -2.36 -2.94 | 50.79 -4.96 -1.27 | 36.39 -3.16 -1.91 | 31.55 -2.46 -2.06 | 27.02 -1.90 -2.58 | 22.44 -1.68 -3.09 | 20.00 -1.52 -3.43 | 15.04 -0.75 -3.22 |
| NIAGARA____ 23760 | 10.00 -0.32 -4.19 | 9.25 -0.28 -4.15 | 8.92 -0.25 -3.79 | 8.87 -0.28 -3.87 | 9.13 -0.28 -4.03 | 10.43 -0.43 -3.80 | 15.00 -0.90 -4.07 | 20.00 -1.27 -4.78 | 21.68 -1.53 -4.29 | 21.99 -1.56 -4.07 | 22.47 -1.84 -3.43 | 22.35 -1.82 -2.96 | 22.00 -1.64 -2.93 | 21.71 -1.67 -2.76 | 21.67 -1.76 -2.69 | 21.97 -1.75 -2.59 | 29.19 -2.56 -2.95 | 50.42 -5.34 -1.28 | 36.14 -3.43 -1.92 | 31.36 -2.65 -2.06 | 26.84 -2.08 -2.59 | 22.29 -1.85 -3.11 | 19.90 -1.63 -3.44 | 15.01 -0.79 -3.23 |
| NINE_MILE_1 23575 | 7.73 -0.13 -1.73 | 6.98 -0.11 -1.71 | 6.83 -0.11 -1.56 | 6.76 -0.12 -1.60 | 6.92 -0.11 -1.66 | 8.48 -0.15 -1.57 | 13.26 -0.25 -1.68 | 18.16 -0.31 -1.99 | 20.33 -0.38 -1.79 | 20.79 -0.39 -1.69 | 21.89 -0.42 -1.43 | 22.03 -0.40 -1.22 | 21.50 -0.41 -1.21 | 21.32 -0.43 -1.14 | 21.38 -0.48 -1.11 | 21.72 -0.49 -1.07 | 29.39 -0.63 -1.22 | 53.80 -1.20 -0.53 | 37.61 -0.83 -0.79 | 32.13 -0.67 -0.85 | 26.85 -0.55 -1.07 | 21.83 -0.48 -1.28 | 19.04 -0.47 -1.42 | 13.65 -0.25 -1.33 |
| NINE_MILE_2 23744 | 7.72 -0.13 -1.72 | 6.97 -0.11 -1.70 | 6.82 -0.11 -1.55 | 6.76 -0.11 -1.59 | 6.91 -0.11 -1.65 | 8.47 -0.15 -1.56 | 13.25 -0.25 -1.67 | 18.15 -0.31 -1.98 | 20.32 -0.38 -1.77 | 20.77 -0.39 -1.68 | 21.88 -0.42 -1.42 | 22.02 -0.40 -1.21 | 21.49 -0.41 -1.20 | 21.31 -0.43 -1.13 | 21.37 -0.48 -1.10 | 21.74 -0.47 -1.06 | 29.38 -0.63 -1.21 | 53.80 -1.20 -0.52 | 37.60 -0.83 -0.78 | 32.12 -0.67 -0.85 | 26.84 -0.55 -1.06 | 21.82 -0.48 -1.27 | 19.05 -0.45 -1.41 | 13.65 -0.25 -1.32 |
| NM_CAPITAL___DRP 24208 | 48.14 0.32 -41.69 | 46.97 0.28 -41.30 | 43.37 0.28 -37.70 | 44.08 0.28 -38.52 | 45.77 0.28 -40.12 | 45.25 0.38 -37.81 | 52.93 0.60 -40.50 | 58.88 0.89 -41.51 | 57.18 0.98 -37.28 | 55.80 0.99 -35.33 | 51.69 1.06 -29.75 | 51.65 1.00 -29.44 | 50.86 0.99 -29.17 | 49.01 0.97 -27.43 | 48.51 1.02 -26.75 | 47.94 1.08 -25.72 | 59.66 1.47 -29.39 | 70.04 2.83 -12.73 | 58.62 1.92 -19.05 | 54.15 1.66 -20.54 | 53.48 1.37 -25.78 | 53.02 1.09 -30.89 | 53.27 0.96 -34.22 | 45.32 0.62 -32.13 |
| NM_CENTRAL___DRP 24181 | 8.31 -0.02 -2.20 | 7.53 -0.02 -2.18 | 7.35 -0.02 -1.99 | 7.28 -0.03 -2.03 | 7.46 -0.02 -2.11 | 9.03 -0.02 -1.99 | 13.95 -0.01 -2.13 | 19.06 0.00 -2.57 | 21.17 -0.06 -2.31 | 21.63 -0.04 -2.19 | 22.68 -0.04 -1.85 | 22.76 0.00 -1.55 | 22.20 -0.04 -1.54 | 21.98 -0.08 -1.44 | 22.03 -0.12 -1.41 | 22.39 -0.11 -1.35 | 30.29 -0.06 -1.55 | 55.04 -0.11 -0.67 | 38.58 -0.08 -1.00 | 32.97 -0.06 -1.08 | 27.64 -0.05 -1.36 | 22.53 -0.13 -1.63 | 19.69 -0.20 -1.80 | 14.24 -0.03 -1.69 |
| NM_FRONTIER___DRP 24179 | 10.02 -0.32 -4.21 | 9.27 -0.28 -4.17 | 8.94 -0.25 -3.81 | 8.89 -0.28 -3.89 | 9.14 -0.28 -4.05 | 10.44 -0.43 -3.82 | 15.02 -0.90 -4.09 | 20.02 -1.27 -4.80 | 21.70 -1.53 -4.31 | 22.01 -1.56 -4.09 | 22.48 -1.84 -3.44 | 22.38 -1.80 -2.97 | 22.01 -1.64 -2.94 | 21.72 -1.67 -2.77 | 21.68 -1.76 -2.70 | 21.98 -1.75 -2.60 | 29.21 -2.56 -2.97 | 50.42 -5.34 -1.29 | 36.15 -3.43 -1.92 | 31.37 -2.65 -2.07 | 26.85 -2.08 -2.60 | 22.30 -1.85 -3.12 | 19.92 -1.63 -3.45 | 15.03 -0.79 -3.24 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NM_ST_REGIS___HYD 24053 | 5.90 -0.23 0.00 | 5.15 -0.23 0.00 | 5.16 -0.22 0.00 | 5.08 -0.20 0.00 | 5.17 -0.20 0.00 | 6.83 -0.23 0.00 | 11.44 -0.39 0.00 | 15.83 -0.66 0.00 | 18.01 -0.91 0.00 | 18.55 -0.93 0.00 | 19.83 -1.04 0.00 | 19.98 -1.23 0.00 | 19.84 -0.87 0.00 | 19.88 -0.74 0.00 | 19.94 -0.81 0.00 | 20.07 -1.08 0.00 | 26.99 -1.81 0.00 | 51.15 -3.32 0.00 | 35.35 -2.30 0.00 | 29.94 -2.01 0.00 | 24.59 -1.74 0.00 | 19.94 -1.09 0.00 | 17.58 -0.51 0.00 | 12.16 -0.41 0.00 |
| NORTHPORT___1 23551 | 37.17 0.60 -30.44 | 35.97 0.44 -30.16 | 33.31 0.40 -27.53 | 33.79 0.39 -28.13 | 35.07 0.40 -29.29 | 35.30 0.64 -27.60 | 43.20 1.30 -30.07 | 50.70 1.85 -32.36 | 50.48 2.38 -29.18 | 49.55 2.45 -27.62 | 46.51 2.61 -23.02 | 45.36 2.65 -21.50 | 44.55 2.55 -21.30 | 43.12 2.47 -20.03 | 42.89 2.61 -19.53 | 42.81 2.75 -18.92 | 56.61 3.80 -24.01 | 74.39 7.08 -12.84 | 61.98 4.86 -19.47 | 54.50 4.03 -18.52 | 52.82 3.34 -23.14 | 47.31 2.67 -23.61 | 45.02 1.94 -24.99 | 37.48 1.45 -23.46 |
| NORTHPORT___2 23552 | 37.17 0.60 -30.44 | 35.97 0.44 -30.16 | 33.31 0.40 -27.53 | 33.79 0.39 -28.13 | 35.07 0.40 -29.29 | 35.30 0.64 -27.60 | 43.20 1.30 -30.07 | 50.70 1.85 -32.36 | 50.48 2.38 -29.18 | 49.55 2.45 -27.62 | 46.51 2.61 -23.02 | 45.36 2.65 -21.50 | 44.55 2.55 -21.30 | 43.12 2.47 -20.03 | 42.89 2.61 -19.53 | 42.81 2.75 -18.92 | 56.61 3.80 -24.01 | 74.39 7.08 -12.84 | 61.98 4.86 -19.47 | 54.50 4.03 -18.52 | 52.82 3.34 -23.14 | 47.31 2.67 -23.61 | 45.02 1.94 -24.99 | 37.48 1.45 -23.46 |
| NORTHPORT___3 23553 | 37.10 0.54 -30.44 | 35.93 0.39 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.13 | 35.03 0.36 -29.29 | 35.23 0.57 -27.60 | 43.07 1.18 -30.06 | 50.54 1.70 -32.36 | 50.28 2.19 -29.17 | 49.39 2.30 -27.61 | 46.30 2.40 -23.02 | 45.13 2.42 -21.50 | 44.30 2.30 -21.30 | 42.89 2.25 -20.03 | 42.66 2.38 -19.53 | 42.56 2.49 -18.92 | 56.27 3.45 -24.01 | 73.90 6.59 -12.84 | 61.60 4.48 -19.47 | 54.18 3.70 -18.52 | 52.55 3.08 -23.14 | 47.08 2.44 -23.61 | 44.85 1.77 -24.99 | 37.31 1.28 -23.46 |
| NORTHPORT___4 23650 | 37.10 0.54 -30.44 | 35.93 0.39 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.13 | 35.03 0.36 -29.29 | 35.23 0.57 -27.60 | 43.07 1.18 -30.06 | 50.54 1.70 -32.36 | 50.28 2.19 -29.17 | 49.39 2.30 -27.61 | 46.30 2.40 -23.02 | 45.13 2.42 -21.50 | 44.30 2.30 -21.30 | 42.89 2.25 -20.03 | 42.66 2.38 -19.53 | 42.56 2.49 -18.92 | 56.27 3.45 -24.01 | 73.90 6.59 -12.84 | 61.60 4.48 -19.47 | 54.18 3.70 -18.52 | 52.55 3.08 -23.14 | 47.08 2.44 -23.61 | 44.85 1.77 -24.99 | 37.31 1.28 -23.46 |
| NORTHPORT___IC 23718 | 37.17 0.60 -30.44 | 35.97 0.44 -30.16 | 33.31 0.40 -27.53 | 33.79 0.39 -28.13 | 35.07 0.40 -29.29 | 35.30 0.64 -27.60 | 43.20 1.30 -30.07 | 50.70 1.85 -32.36 | 50.48 2.38 -29.18 | 49.55 2.45 -27.62 | 46.51 2.61 -23.02 | 45.36 2.65 -21.50 | 44.55 2.55 -21.30 | 43.12 2.47 -20.03 | 42.89 2.61 -19.53 | 42.81 2.75 -18.92 | 56.61 3.80 -24.01 | 74.39 7.08 -12.84 | 61.98 4.86 -19.47 | 54.50 4.03 -18.52 | 52.82 3.34 -23.14 | 47.31 2.67 -23.61 | 45.02 1.94 -24.99 | 37.48 1.45 -23.46 |
| NPX_GEN_1385_PROXY 323591 | 37.18 0.62 -30.44 | 35.97 0.44 -30.16 | 33.33 0.41 -27.53 | 33.81 0.40 -28.13 | 35.09 0.42 -29.29 | 35.28 0.61 -27.60 | 43.16 1.27 -30.07 | 50.53 1.68 -32.36 | 50.37 2.27 -29.18 | 49.30 2.20 -27.62 | 46.49 2.59 -23.02 | 45.40 2.69 -21.50 | 44.65 2.65 -21.30 | 43.26 2.62 -20.03 | 43.02 2.74 -19.53 | 42.94 2.87 -18.92 | 56.70 3.89 -24.01 | 74.39 7.08 -12.84 | 61.94 4.82 -19.47 | 54.69 4.22 -18.52 | 52.87 3.40 -23.14 | 47.18 2.54 -23.61 | 44.83 1.75 -24.99 | 37.59 1.56 -23.46 |
| NPX_GEN_CSC 323557 | 37.22 0.66 -30.44 | 36.02 0.48 -30.16 | 33.35 0.44 -27.53 | 33.84 0.43 -28.13 | 35.11 0.45 -29.29 | 35.37 0.71 -27.60 | 43.45 1.48 -30.14 | 50.98 2.09 -32.40 | 50.81 2.67 -29.23 | 49.87 2.73 -27.66 | 46.78 2.88 -23.02 | 45.59 2.88 -21.50 | 44.76 2.75 -21.30 | 43.35 2.70 -20.03 | 43.12 2.84 -19.53 | 43.09 3.02 -18.92 | 57.08 4.26 -24.01 | 74.94 7.63 -12.84 | 62.28 5.16 -19.47 | 54.53 4.06 -18.52 | 53.08 3.61 -23.14 | 47.73 3.09 -23.61 | 45.30 2.22 -24.99 | 37.63 1.60 -23.46 |
| NSINS_S_GLNS_FALLS 23858 | 49.93 0.51 -43.28 | 48.72 0.46 -42.88 | 45.00 0.47 -39.14 | 45.74 0.46 -39.99 | 47.50 0.48 -41.65 | 46.93 0.61 -39.25 | 54.86 0.98 -42.05 | 60.92 1.52 -42.91 | 59.11 1.65 -38.54 | 57.68 1.68 -36.52 | 53.36 1.73 -30.75 | 53.45 1.68 -30.57 | 52.64 1.66 -30.28 | 50.80 1.71 -28.47 | 50.26 1.74 -27.77 | 49.66 1.82 -26.70 | 61.88 2.56 -30.51 | 72.65 4.96 -13.22 | 60.82 3.39 -19.78 | 56.25 2.97 -21.32 | 55.47 2.37 -26.77 | 54.98 1.87 -32.07 | 55.30 1.68 -35.53 | 47.04 1.11 -33.36 |
| NUCOR_STEEL___DRP 24197 | 9.76 0.12 -3.51 | 8.96 0.11 -3.48 | 8.67 0.12 -3.17 | 8.62 0.10 -3.24 | 8.86 0.11 -3.38 | 10.41 0.17 -3.18 | 15.52 0.28 -3.41 | 20.99 0.46 -4.04 | 23.08 0.53 -3.63 | 23.46 0.54 -3.44 | 24.34 0.56 -2.89 | 24.37 0.68 -2.48 | 23.74 0.58 -2.45 | 23.46 0.54 -2.31 | 23.49 0.50 -2.25 | 23.88 0.57 -2.16 | 32.22 0.95 -2.47 | 57.50 1.96 -1.07 | 40.64 1.39 -1.60 | 34.89 1.21 -1.73 | 29.47 0.97 -2.17 | 24.24 0.61 -2.60 | 21.31 0.34 -2.88 | 15.62 0.34 -2.70 |
| NYISO_LBMP_REFERENCE 24008 | 6.13 0.00 0.00 | 5.38 0.00 0.00 | 5.38 0.00 0.00 | 5.28 0.00 0.00 | 5.37 0.00 0.00 | 7.06 0.00 0.00 | 11.83 0.00 0.00 | 16.49 0.00 0.00 | 18.92 0.00 0.00 | 19.48 0.00 0.00 | 20.88 0.00 0.00 | 21.21 0.00 0.00 | 20.70 0.00 0.00 | 20.62 0.00 0.00 | 20.75 0.00 0.00 | 21.14 0.00 0.00 | 28.80 0.00 0.00 | 54.47 0.00 0.00 | 37.65 0.00 0.00 | 31.95 0.00 0.00 | 26.33 0.00 0.00 | 21.03 0.00 0.00 | 18.09 0.00 0.00 | 12.57 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 37.25 0.68 -30.44 | 36.05 0.51 -30.16 | 33.37 0.46 -27.53 | 33.86 0.45 -28.13 | 35.14 0.47 -29.29 | 35.40 0.74 -27.60 | 43.43 1.30 -30.30 | 50.82 1.86 -32.47 | 50.65 2.40 -29.33 | 49.70 2.47 -27.75 | 46.86 2.96 -23.02 | 45.70 2.99 -21.50 | 44.86 2.86 -21.30 | 43.45 2.80 -20.03 | 43.22 2.94 -19.53 | 42.97 2.90 -18.93 | 57.16 4.35 -24.01 | 75.54 8.23 -12.84 | 62.73 5.61 -19.47 | 55.14 4.66 -18.52 | 53.32 3.84 -23.14 | 47.71 3.07 -23.61 | 45.32 2.24 -24.99 | 37.66 1.62 -23.46 |
| NYPA_GOWANUS___GT5 24156 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NYPA_GOWANUS___GT6 24157 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |
| NYPA_HARLEM__RVR__GT1 24160 | 36.98 0.41 -30.44 | 35.85 0.31 -30.16 | 33.21 0.30 -27.53 | 33.69 0.29 -28.12 | 34.96 0.30 -29.29 | 35.06 0.40 -27.60 | 42.12 0.73 -29.56 | 49.69 1.09 -32.11 | 49.33 1.57 -28.84 | 48.53 1.71 -27.33 | 45.83 1.94 -23.01 | 44.63 1.93 -21.49 | 43.86 1.86 -21.29 | 42.49 1.86 -20.02 | 42.24 1.97 -19.52 | 41.94 2.03 -18.77 | 52.90 2.65 -21.45 | 68.83 5.07 -9.29 | 55.01 3.46 -13.90 | 49.75 2.81 -14.99 | 47.49 2.34 -18.81 | 45.46 1.87 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |

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| NYPA_HARLEM__RVR__GT2 24161 | 36.98 0.41 -30.44 | 35.85 0.31 -30.16 | 33.21 0.30 -27.53 | 33.69 0.29 -28.12 | 34.96 0.30 -29.29 | 35.06 0.40 -27.60 | 42.12 0.73 -29.56 | 49.69 1.09 -32.11 | 49.33 1.57 -28.84 | 48.53 1.71 -27.33 | 45.83 1.94 -23.01 | 44.63 1.93 -21.49 | 43.86 1.86 -21.29 | 42.49 1.86 -20.02 | 42.24 1.97 -19.52 | 41.94 2.03 -18.77 | 52.90 2.65 -21.45 | 68.83 5.07 -9.29 | 55.01 3.46 -13.90 | 49.75 2.81 -14.99 | 47.49 2.34 -18.81 | 45.46 1.87 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| NYPA_KENT____GT 24152 | 37.03 0.46 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.51 1.74 -28.85 | 48.71 1.89 -27.34 | 46.03 2.13 -23.02 | 44.83 2.12 -21.50 | 44.04 2.03 -21.30 | 42.67 2.02 -20.03 | 42.42 2.14 -19.54 | 42.15 2.22 -18.78 | 53.23 2.97 -21.46 | 69.43 5.67 -9.30 | 55.44 3.88 -13.91 | 50.08 3.13 -14.99 | 47.79 2.63 -18.82 | 45.67 2.08 -22.56 | 44.77 1.68 -25.00 | 37.12 1.08 -23.47 |
| NYPA_POUCH1____GT 24155 | 37.03 0.47 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.02 0.35 -29.29 | 35.14 0.47 -27.60 | 42.24 0.84 -29.57 | 49.85 1.24 -32.12 | 49.51 1.74 -28.85 | 48.71 1.89 -27.34 | 46.03 2.13 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.63 1.98 -20.03 | 42.38 2.09 -19.54 | 42.13 2.20 -18.78 | 53.25 3.00 -21.46 | 69.60 5.83 -9.30 | 55.55 3.99 -13.91 | 50.17 3.23 -14.99 | 47.84 2.69 -18.82 | 45.73 2.15 -22.56 | 44.80 1.72 -25.00 | 37.15 1.11 -23.47 |
| NYPA_VERNON____GT2 24162 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| NYPA_VERNON____GT3 24163 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| NYPA__ASTORIA_CC1 323568 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| NYPA__ASTORIA_CC2 323569 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.33 -28.12 | 35.00 0.34 -29.29 | 35.12 0.46 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.47 1.70 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.79 2.08 -21.50 | 44.00 1.99 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.10 2.18 -18.78 | 53.11 2.85 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| NYPA__HOLTSVILL 23794 | 37.18 0.61 -30.44 | 35.98 0.45 -30.16 | 33.31 0.40 -27.53 | 33.80 0.39 -28.13 | 35.08 0.41 -29.29 | 35.32 0.66 -27.60 | 43.32 1.36 -30.13 | 50.81 1.93 -32.39 | 50.62 2.48 -29.22 | 49.69 2.55 -27.65 | 46.59 2.69 -23.02 | 45.42 2.72 -21.50 | 44.61 2.61 -21.30 | 43.18 2.54 -20.03 | 42.96 2.68 -19.53 | 42.90 2.83 -18.92 | 56.79 3.98 -24.01 | 74.62 7.30 -12.84 | 62.09 4.97 -19.47 | 54.56 4.09 -18.52 | 52.95 3.48 -23.14 | 47.48 2.84 -23.61 | 45.12 2.04 -24.99 | 37.51 1.48 -23.46 |
| NYPA____HELLGATE_GT1 24158 | 36.98 0.41 -30.44 | 35.85 0.31 -30.16 | 33.21 0.30 -27.53 | 33.69 0.29 -28.12 | 34.96 0.30 -29.29 | 35.06 0.40 -27.60 | 42.12 0.73 -29.56 | 49.69 1.09 -32.11 | 49.33 1.57 -28.84 | 48.53 1.71 -27.33 | 45.83 1.94 -23.01 | 44.63 1.93 -21.49 | 43.86 1.86 -21.29 | 42.49 1.86 -20.02 | 42.24 1.97 -19.52 | 41.94 2.03 -18.77 | 52.90 2.65 -21.45 | 68.83 5.07 -9.29 | 55.01 3.46 -13.90 | 49.75 2.81 -14.99 | 47.49 2.34 -18.81 | 45.46 1.87 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| NYPA____HELLGATE_GT2 24159 | 36.98 0.41 -30.44 | 35.85 0.31 -30.16 | 33.21 0.30 -27.53 | 33.69 0.29 -28.12 | 34.96 0.30 -29.29 | 35.06 0.40 -27.60 | 42.12 0.73 -29.56 | 49.69 1.09 -32.11 | 49.33 1.57 -28.84 | 48.53 1.71 -27.33 | 45.83 1.94 -23.01 | 44.63 1.93 -21.49 | 43.86 1.86 -21.29 | 42.49 1.86 -20.02 | 42.24 1.97 -19.52 | 41.94 2.03 -18.77 | 52.90 2.65 -21.45 | 68.83 5.07 -9.29 | 55.01 3.46 -13.90 | 49.75 2.81 -14.99 | 47.49 2.34 -18.81 | 45.46 1.87 -22.56 | 44.62 1.54 -25.00 | 37.07 1.03 -23.47 |
| NYS_BARGE__HYD 23848 | 9.98 -0.24 -4.09 | 9.23 -0.21 -4.06 | 8.90 -0.18 -3.70 | 8.85 -0.21 -3.78 | 9.10 -0.21 -3.94 | 10.44 -0.33 -3.71 | 15.08 -0.72 -3.98 | 20.19 -0.97 -4.67 | 21.91 -1.21 -4.20 | 22.23 -1.23 -3.98 | 22.72 -1.50 -3.35 | 22.66 -1.44 -2.89 | 22.30 -1.26 -2.86 | 21.99 -1.32 -2.69 | 21.96 -1.41 -2.63 | 22.27 -1.40 -2.53 | 29.67 -2.02 -2.89 | 51.47 -4.25 -1.25 | 36.81 -2.71 -1.87 | 31.89 -2.08 -2.02 | 27.26 -1.61 -2.53 | 22.57 -1.49 -3.03 | 20.09 -1.36 -3.36 | 15.13 -0.60 -3.16 |
| O.H_GEN_BRUCE 24063 | 10.60 -0.28 -4.74 | 9.83 -0.25 -4.70 | 9.45 -0.22 -4.29 | 9.42 -0.24 -4.38 | 9.70 -0.24 -4.56 | 11.00 -0.36 -4.30 | 15.69 -0.74 -4.61 | 20.82 -1.07 -5.40 | 22.47 -1.31 -4.85 | 22.76 -1.33 -4.60 | 23.21 -1.54 -3.87 | 23.03 -1.53 -3.35 | 22.61 -1.41 -3.32 | 22.28 -1.46 -3.12 | 22.26 -1.54 -3.04 | 22.55 -1.52 -2.93 | 29.93 -2.22 -3.34 | 38.92 -4.58 10.98 | 36.78 -2.94 -2.06 | 31.99 -2.30 -2.34 | 27.50 -1.76 -2.93 | 22.99 -1.56 -3.51 | 20.55 -1.43 -3.89 | 15.54 -0.69 -3.66 |
| OAK_ORCHARD__HYD 24046 | 9.32 -0.13 -3.32 | 8.58 -0.09 -3.29 | 8.30 -0.08 -3.01 | 8.25 -0.11 -3.07 | 8.46 -0.11 -3.20 | 9.93 -0.14 -3.01 | 14.74 -0.32 -3.23 | 19.96 -0.35 -3.82 | 21.89 -0.45 -3.43 | 22.26 -0.47 -3.25 | 22.99 -0.63 -2.73 | 22.99 -0.57 -2.35 | 22.51 -0.52 -2.33 | 22.25 -0.56 -2.19 | 22.26 -0.62 -2.13 | 22.60 -0.59 -2.05 | 30.43 -0.72 -2.34 | 54.13 -1.36 -1.01 | 38.26 -0.90 -1.52 | 32.89 -0.70 -1.64 | 27.81 -0.58 -2.06 | 22.90 -0.59 -2.46 | 20.18 -0.63 -2.73 | 14.88 -0.25 -2.56 |
| OCC_CHEM__DRP 24175 | 10.04 -0.30 -4.21 | 9.28 -0.27 -4.17 | 8.95 -0.24 -3.81 | 8.90 -0.27 -3.89 | 9.16 -0.26 -4.05 | 10.47 -0.41 -3.82 | 15.06 -0.86 -4.09 | 20.09 -1.20 -4.81 | 21.76 -1.48 -4.32 | 22.09 -1.48 -4.09 | 22.55 -1.77 -3.44 | 22.45 -1.74 -2.97 | 22.10 -1.55 -2.95 | 21.78 -1.61 -2.77 | 21.77 -1.68 -2.70 | 22.05 -1.69 -2.60 | 29.32 -2.45 -2.97 | 50.64 -5.12 -1.29 | 36.30 -3.28 -1.93 | 31.50 -2.52 -2.08 | 26.96 -1.98 -2.61 | 22.39 -1.77 -3.12 | 19.99 -1.56 -3.46 | 15.07 -0.75 -3.25 |
| OLIN_CORP_DRP 24177 | 10.04 -0.31 -4.22 | 9.29 -0.27 -4.19 | 8.95 -0.25 -3.82 | 8.90 -0.28 -3.90 | 9.16 -0.27 -4.06 | 10.46 -0.43 -3.83 | 15.03 -0.90 -4.10 | 20.04 -1.27 -4.82 | 21.70 -1.55 -4.33 | 22.01 -1.58 -4.10 | 22.45 -1.88 -3.45 | 22.37 -1.82 -2.98 | 22.02 -1.64 -2.96 | 21.71 -1.69 -2.78 | 21.69 -1.76 -2.71 | 21.97 -1.78 -2.61 | 29.22 -2.56 -2.98 | 50.43 -5.34 -1.29 | 36.15 -3.43 -1.93 | 31.35 -2.68 -2.08 | 26.84 -2.11 -2.61 | 22.29 -1.87 -3.13 | 19.91 -1.65 -3.47 | 15.04 -0.79 -3.26 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| OLIN_CORP_DSASP 323712 | 10.04 -0.30 -4.21 | 9.28 -0.27 -4.17 | 8.95 -0.24 -3.81 | 8.90 -0.27 -3.89 | 9.16 -0.26 -4.05 | 10.47 -0.41 -3.82 | 15.06 -0.86 -4.09 | 20.09 -1.20 -4.81 | 21.76 -1.48 -4.32 | 22.09 -1.48 -4.09 | 22.55 -1.77 -3.44 | 22.45 -1.74 -2.97 | 22.10 -1.55 -2.95 | 21.78 -1.61 -2.77 | 21.77 -1.68 -2.70 | 22.05 -1.69 -2.60 | 29.32 -2.45 -2.97 | 50.64 -5.12 -1.29 | 36.30 -3.28 -1.93 | 31.50 -2.52 -2.08 | 26.96 -1.98 -2.61 | 22.39 -1.77 -3.12 | 19.99 -1.56 -3.46 | 15.07 -0.75 -3.25 |
| ONEIDA_HERK_LFGE 323681 | 6.21 0.08 0.00 | 5.44 0.06 0.00 | 5.44 0.06 0.00 | 5.33 0.05 0.00 | 5.43 0.05 0.00 | 7.17 0.11 0.00 | 12.05 0.22 0.00 | 16.85 0.36 0.00 | 19.30 0.38 0.00 | 19.91 0.43 0.00 | 21.34 0.46 0.00 | 21.76 0.55 0.00 | 21.16 0.45 0.00 | 21.05 0.43 0.00 | 21.18 0.44 0.00 | 21.54 0.40 0.00 | 29.43 0.63 0.00 | 55.95 1.47 0.00 | 38.51 0.87 0.00 | 32.65 0.70 0.00 | 26.83 0.50 0.00 | 21.39 0.36 0.00 | 18.41 0.33 0.00 | 12.80 0.23 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 8.84 0.01 -2.71 | 8.06 0.00 -2.68 | 7.83 0.01 -2.45 | 7.78 -0.01 -2.50 | 7.98 0.00 -2.61 | 9.52 0.01 -2.46 | 14.49 0.04 -2.63 | 19.71 0.08 -3.14 | 21.80 0.06 -2.82 | 22.23 0.08 -2.67 | 23.21 0.08 -2.25 | 23.25 0.13 -1.91 | 22.66 0.06 -1.89 | 22.44 0.04 -1.78 | 22.48 0.00 -1.74 | 22.83 0.02 -1.67 | 30.83 0.12 -1.91 | 55.57 0.27 -0.83 | 39.04 0.15 -1.24 | 33.45 0.16 -1.33 | 28.11 0.11 -1.67 | 23.04 0.00 -2.01 | 20.22 -0.09 -2.22 | 14.70 0.04 -2.09 |
| ONONDAGA___COGEN 23986 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| ONTARIO___LFGE 23819 | 10.77 0.10 -4.54 | 9.96 0.09 -4.50 | 9.59 0.10 -4.11 | 9.56 0.08 -4.20 | 9.82 0.08 -4.37 | 11.32 0.14 -4.12 | 16.48 0.24 -4.41 | 22.07 0.40 -5.19 | 24.02 0.44 -4.66 | 24.35 0.45 -4.42 | 25.01 0.42 -3.72 | 24.95 0.53 -3.21 | 24.32 0.44 -3.18 | 23.98 0.37 -2.99 | 23.99 0.33 -2.91 | 24.33 0.38 -2.80 | 32.69 0.69 -3.20 | 57.27 1.41 -1.39 | 40.74 1.02 -2.08 | 35.12 0.93 -2.24 | 29.88 0.74 -2.81 | 24.79 0.40 -3.37 | 21.94 0.13 -3.73 | 16.33 0.25 -3.50 |
| ORANGEVILLE_WT_PWR 323706 | 11.13 -0.11 -5.11 | 10.34 -0.10 -5.07 | 9.93 -0.07 -4.62 | 9.91 -0.10 -4.72 | 10.20 -0.09 -4.92 | 11.54 -0.16 -4.64 | 16.43 -0.37 -4.97 | 21.85 -0.46 -5.82 | 23.56 -0.59 -5.23 | 23.86 -0.58 -4.96 | 24.32 -0.73 -4.17 | 24.16 -0.66 -3.61 | 23.70 -0.58 -3.58 | 23.36 -0.62 -3.36 | 23.34 -0.68 -3.28 | 23.64 -0.66 -3.15 | 31.43 -0.98 -3.60 | 53.85 -2.18 -1.56 | 38.70 -1.28 -2.34 | 33.54 -0.93 -2.52 | 28.81 -0.68 -3.16 | 24.08 -0.74 -3.79 | 21.53 -0.76 -4.20 | 16.24 -0.28 -3.94 |
| OSWEGATCHIE___HYD 24044 | 5.94 -0.18 0.00 | 5.20 -0.18 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.18 0.00 | 6.87 -0.19 0.00 | 11.53 -0.30 0.00 | 16.04 -0.44 0.00 | 18.30 -0.62 0.00 | 18.86 -0.62 0.00 | 20.23 -0.65 0.00 | 20.51 -0.70 0.00 | 20.19 -0.52 0.00 | 20.16 -0.45 0.00 | 20.21 -0.54 0.00 | 20.40 -0.74 0.00 | 27.59 -1.21 0.00 | 52.35 -2.13 0.00 | 36.07 -1.58 0.00 | 30.58 -1.37 0.00 | 25.09 -1.24 0.00 | 20.21 -0.82 0.00 | 17.65 -0.43 0.00 | 12.25 -0.33 0.00 |
| OSWEGO___5 23606 | 8.02 -0.09 -1.99 | 7.27 -0.08 -1.97 | 7.10 -0.08 -1.80 | 7.03 -0.08 -1.83 | 7.20 -0.08 -1.91 | 8.75 -0.11 -1.80 | 13.58 -0.18 -1.93 | 18.56 -0.21 -2.28 | 20.70 -0.26 -2.05 | 21.15 -0.27 -1.94 | 22.22 -0.29 -1.64 | 22.34 -0.28 -1.40 | 21.80 -0.29 -1.39 | 21.62 -0.31 -1.31 | 21.67 -0.35 -1.27 | 22.03 -0.34 -1.22 | 29.77 -0.43 -1.40 | 54.26 -0.82 -0.61 | 37.99 -0.56 -0.91 | 32.48 -0.45 -0.98 | 27.19 -0.37 -1.23 | 22.14 -0.36 -1.47 | 19.37 -0.34 -1.63 | 13.93 -0.18 -1.53 |
| OSWEGO___6 23613 | 8.02 -0.09 -1.99 | 7.27 -0.08 -1.97 | 7.10 -0.08 -1.80 | 7.03 -0.08 -1.83 | 7.20 -0.08 -1.91 | 8.75 -0.11 -1.80 | 13.58 -0.18 -1.93 | 18.56 -0.21 -2.28 | 20.70 -0.26 -2.05 | 21.15 -0.27 -1.94 | 22.22 -0.29 -1.64 | 22.34 -0.28 -1.40 | 21.80 -0.29 -1.39 | 21.62 -0.31 -1.31 | 21.67 -0.35 -1.27 | 22.03 -0.34 -1.22 | 29.77 -0.43 -1.40 | 54.26 -0.82 -0.61 | 37.99 -0.56 -0.91 | 32.48 -0.45 -0.98 | 27.19 -0.37 -1.23 | 22.14 -0.36 -1.47 | 19.37 -0.34 -1.63 | 13.93 -0.18 -1.53 |
| OUTOKUMPU-AB___DRP 24206 | 10.22 -0.17 -4.26 | 9.44 -0.16 -4.22 | 9.11 -0.12 -3.85 | 9.06 -0.16 -3.94 | 9.32 -0.15 -4.10 | 10.67 -0.25 -3.86 | 15.41 -0.56 -4.14 | 20.64 -0.71 -4.86 | 22.38 -0.91 -4.37 | 22.72 -0.90 -4.14 | 23.23 -1.13 -3.48 | 23.14 -1.08 -3.01 | 22.77 -0.91 -2.98 | 22.47 -0.95 -2.80 | 22.44 -1.04 -2.73 | 22.74 -1.04 -2.63 | 30.31 -1.50 -3.00 | 52.45 -3.32 -1.30 | 37.56 -2.03 -1.95 | 32.55 -1.50 -2.10 | 27.81 -1.16 -2.63 | 23.05 -1.14 -3.16 | 20.52 -1.07 -3.50 | 15.42 -0.44 -3.28 |
| OXBOW___ 24026 | 10.15 -0.22 -4.24 | 9.38 -0.20 -4.20 | 9.05 -0.17 -3.83 | 9.00 -0.20 -3.92 | 9.26 -0.19 -4.08 | 10.58 -0.32 -3.84 | 15.27 -0.67 -4.12 | 20.42 -0.91 -4.83 | 22.15 -1.12 -4.34 | 22.47 -1.13 -4.12 | 22.96 -1.38 -3.47 | 22.89 -1.32 -2.99 | 22.51 -1.16 -2.97 | 22.21 -1.20 -2.79 | 22.18 -1.29 -2.72 | 22.49 -1.27 -2.61 | 29.92 -1.87 -2.99 | 51.79 -3.97 -1.29 | 37.10 -2.49 -1.94 | 32.15 -1.89 -2.09 | 27.50 -1.45 -2.62 | 22.80 -1.37 -3.14 | 20.32 -1.25 -3.48 | 15.27 -0.57 -3.27 |
| OXY_CHEM_DSASP 323612 | 10.04 -0.30 -4.21 | 9.28 -0.27 -4.17 | 8.95 -0.24 -3.81 | 8.90 -0.27 -3.89 | 9.16 -0.26 -4.05 | 10.47 -0.41 -3.82 | 15.06 -0.86 -4.09 | 20.09 -1.20 -4.81 | 21.76 -1.48 -4.32 | 22.09 -1.48 -4.09 | 22.55 -1.77 -3.44 | 22.45 -1.74 -2.97 | 22.10 -1.55 -2.95 | 21.78 -1.61 -2.77 | 21.77 -1.68 -2.70 | 22.05 -1.69 -2.60 | 29.32 -2.45 -2.97 | 50.64 -5.12 -1.29 | 36.30 -3.28 -1.93 | 31.50 -2.52 -2.08 | 26.96 -1.98 -2.61 | 22.39 -1.77 -3.12 | 19.99 -1.56 -3.46 | 15.07 -0.75 -3.25 |
| PACKARD_I115_KV_ADAMS_187_REV_LBMP_A 345013 | 10.04 -0.30 -4.21 | 9.28 -0.27 -4.17 | 8.95 -0.24 -3.81 | 8.90 -0.27 -3.89 | 9.16 -0.26 -4.05 | 10.47 -0.41 -3.82 | 15.06 -0.86 -4.09 | 20.09 -1.20 -4.81 | 21.76 -1.48 -4.32 | 22.09 -1.48 -4.09 | 22.55 -1.77 -3.44 | 22.45 -1.74 -2.97 | 22.10 -1.55 -2.95 | 21.78 -1.61 -2.77 | 21.77 -1.68 -2.70 | 22.05 -1.69 -2.60 | 29.32 -2.45 -2.97 | 50.64 -5.12 -1.29 | 36.30 -3.28 -1.93 | 31.50 -2.52 -2.08 | 26.96 -1.98 -2.61 | 22.39 -1.77 -3.12 | 19.99 -1.56 -3.46 | 15.07 -0.75 -3.25 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 36.99 0.42 -30.44 | 35.86 0.32 -30.16 | 33.22 0.31 -27.53 | 33.71 0.31 -28.12 | 34.97 0.31 -29.29 | 35.07 0.42 -27.60 | 42.15 0.76 -29.56 | 49.74 1.14 -32.11 | 49.37 1.61 -28.84 | 48.57 1.75 -27.33 | 45.87 1.98 -23.01 | 44.67 1.97 -21.49 | 43.90 1.90 -21.29 | 42.53 1.90 -20.02 | 42.28 2.01 -19.52 | 42.00 2.09 -18.77 | 52.99 2.74 -21.45 | 68.99 5.23 -9.29 | 55.09 3.54 -13.90 | 49.81 2.88 -14.99 | 47.54 2.40 -18.81 | 45.50 1.91 -22.56 | 44.64 1.56 -25.00 | 37.07 1.03 -23.47 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 37.00 0.43 -30.44 | 35.86 0.33 -30.16 | 33.22 0.32 -27.53 | 33.71 0.31 -28.12 | 34.98 0.32 -29.29 | 35.09 0.43 -27.60 | 42.17 0.78 -29.56 | 49.77 1.17 -32.11 | 49.43 1.67 -28.84 | 48.62 1.81 -27.33 | 45.94 2.05 -23.01 | 44.73 2.04 -21.49 | 43.94 1.95 -21.29 | 42.59 1.96 -20.02 | 42.32 2.05 -19.52 | 42.04 2.13 -18.77 | 53.08 2.82 -21.45 | 69.15 5.39 -9.29 | 55.24 3.69 -13.90 | 49.94 3.00 -14.99 | 47.65 2.50 -18.81 | 45.56 1.98 -22.56 | 44.68 1.59 -25.00 | 37.10 1.06 -23.47 |

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| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 10.49 -0.09 -4.45 | 9.70 -0.09 -4.41 | 9.36 -0.05 -4.02 | 9.30 -0.09 -4.11 | 9.58 -0.08 -4.28 | 10.95 -0.15 -4.04 | 15.81 -0.34 -4.32 | 21.20 -0.36 -5.07 | 22.99 -0.49 -4.56 | 23.33 -0.47 -4.32 | 23.85 -0.67 -3.64 | 23.78 -0.57 -3.14 | 23.38 -0.44 -3.11 | 23.05 -0.50 -2.93 | 23.02 -0.58 -2.86 | 23.34 -0.55 -2.75 | 31.10 -0.84 -3.14 | 53.76 -2.07 -1.36 | 38.59 -1.09 -2.03 | 33.41 -0.73 -2.19 | 28.56 -0.53 -2.75 | 23.68 -0.65 -3.30 | 21.06 -0.69 -3.65 | 15.79 -0.21 -3.43 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 38.18 0.50 -31.56 | 37.07 0.42 -31.26 | 34.35 0.43 -28.54 | 34.85 0.42 -29.16 | 36.16 0.42 -30.37 | 36.22 0.54 -28.62 | 43.47 0.98 -30.66 | 50.99 1.47 -33.04 | 50.50 1.91 -29.67 | 49.61 2.01 -28.12 | 46.73 2.17 -23.68 | 45.60 2.10 -22.28 | 44.79 2.01 -22.08 | 43.38 2.00 -20.76 | 43.09 2.09 -20.25 | 42.81 2.20 -19.47 | 54.19 3.14 -22.25 | 70.16 6.05 -9.64 | 55.98 3.92 -14.42 | 50.72 3.23 -15.55 | 48.50 2.66 -19.51 | 46.60 2.19 -23.38 | 45.71 1.72 -25.91 | 37.98 1.08 -24.32 |
| PEEKSKILL____ 23653 | 36.64 0.41 -30.10 | 35.54 0.34 -29.82 | 32.94 0.34 -27.22 | 33.42 0.33 -27.81 | 34.67 0.33 -28.96 | 34.80 0.44 -27.30 | 41.86 0.79 -29.24 | 49.51 1.17 -31.85 | 49.09 1.57 -28.60 | 48.24 1.66 -27.11 | 45.52 1.82 -22.82 | 44.25 1.78 -21.25 | 43.46 1.70 -21.06 | 42.11 1.69 -19.80 | 41.84 1.78 -19.31 | 41.57 1.86 -18.57 | 52.58 2.56 -21.22 | 68.57 4.90 -9.19 | 54.72 3.31 -13.75 | 49.49 2.71 -14.83 | 47.18 2.24 -18.61 | 45.12 1.79 -22.30 | 44.21 1.41 -24.71 | 36.68 0.91 -23.20 |
| PGE MADISON____WINDPWR 24146 | 14.91 0.43 -8.35 | 14.00 0.34 -8.27 | 13.29 0.35 -7.55 | 13.34 0.34 -7.72 | 13.74 0.33 -8.04 | 15.15 0.51 -7.57 | 20.90 0.96 -8.11 | 27.62 1.53 -9.59 | 29.22 1.68 -8.62 | 29.40 1.75 -8.17 | 29.69 1.94 -6.88 | 29.42 2.31 -5.90 | 28.47 1.93 -5.84 | 28.01 1.90 -5.49 | 28.05 1.95 -5.36 | 28.28 1.99 -5.15 | 37.80 3.11 -5.89 | 63.61 6.59 -2.55 | 45.75 4.29 -3.82 | 39.64 3.58 -4.11 | 34.23 2.74 -5.16 | 29.20 1.98 -6.19 | 26.46 1.52 -6.86 | 20.13 1.12 -6.44 |
| PIERCEFIELD____HYD 23852 | 5.89 -0.24 0.00 | 5.14 -0.24 0.00 | 5.15 -0.23 0.00 | 5.06 -0.22 0.00 | 5.15 -0.22 0.00 | 6.80 -0.26 0.00 | 11.38 -0.45 0.00 | 15.73 -0.76 0.00 | 17.90 -1.02 0.00 | 18.45 -1.03 0.00 | 19.73 -1.15 0.00 | 19.83 -1.38 0.00 | 19.79 -0.91 0.00 | 19.83 -0.78 0.00 | 19.88 -0.87 0.00 | 19.94 -1.20 0.00 | 26.73 -2.07 0.00 | 50.66 -3.81 0.00 | 34.94 -2.71 0.00 | 29.59 -2.36 0.00 | 24.33 -2.00 0.00 | 19.77 -1.26 0.00 | 17.49 -0.60 0.00 | 12.11 -0.46 0.00 |
| PINELAWN_CC_1 323563 | 37.15 0.58 -30.44 | 35.97 0.42 -30.16 | 33.29 0.38 -27.53 | 33.78 0.38 -28.13 | 35.06 0.39 -29.29 | 35.29 0.63 -27.61 | 44.13 1.28 -31.03 | 51.15 1.83 -32.83 | 51.10 2.36 -29.82 | 50.10 2.45 -28.16 | 46.51 2.61 -23.02 | 45.34 2.63 -21.50 | 44.49 2.48 -21.30 | 43.08 2.43 -20.03 | 42.85 2.57 -19.53 | 42.78 2.69 -18.95 | 56.30 3.48 -24.01 | 73.85 6.53 -12.84 | 61.60 4.48 -19.47 | 54.18 3.70 -18.52 | 52.58 3.11 -23.14 | 47.29 2.65 -23.61 | 45.00 1.92 -24.99 | 37.43 1.40 -23.46 |
| PJM_GEN_HTP_PROXY 323702 | 37.01 0.45 -30.43 | 35.90 0.37 -30.15 | 33.26 0.36 -27.52 | 33.75 0.35 -28.12 | 35.01 0.35 -29.28 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.89 1.29 -32.12 | 49.50 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.72 2.02 -21.49 | 43.92 1.93 -21.29 | 42.58 1.94 -20.02 | 42.31 2.03 -19.52 | 42.03 2.11 -18.77 | 53.11 2.85 -21.45 | 69.21 5.45 -9.29 | 55.25 3.69 -13.91 | 49.95 3.00 -14.99 | 47.62 2.47 -18.82 | 45.54 1.96 -22.55 | 44.63 1.56 -24.98 | 37.04 1.01 -23.46 |
| PJM_GEN_KEystone 24065 | 22.86 0.07 -16.66 | 21.93 0.05 -16.51 | 20.51 0.06 -15.07 | 20.72 0.05 -15.39 | 21.46 0.05 -16.03 | 22.22 0.06 -15.11 | 28.06 0.05 -16.18 | 34.52 0.02 -18.01 | 35.17 0.08 -16.18 | 34.91 0.10 -15.33 | 33.89 0.10 -12.91 | 33.06 0.09 -11.76 | 32.42 0.06 -11.65 | 31.45 0.04 -10.79 | 30.92 0.04 -10.13 | 31.00 0.08 -9.77 | 33.30 0.06 -4.44 | 42.59 0.00 11.88 | 40.95 0.04 -3.26 | 38.23 0.10 -6.18 | 35.40 0.16 -8.91 | 33.44 0.06 -12.34 | 30.60 -0.07 -12.58 | 25.49 0.08 -12.84 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 37.07 0.51 -30.44 | 35.90 0.37 -30.15 | 33.24 0.33 -27.53 | 33.72 0.32 -28.13 | 35.00 0.33 -29.29 | 35.20 0.54 -27.60 | 42.08 1.10 -29.16 | 49.99 1.58 -31.92 | 49.55 2.06 -28.57 | 48.75 2.16 -27.10 | 46.16 2.26 -23.02 | 44.98 2.27 -21.50 | 44.18 2.17 -21.30 | 42.77 2.12 -20.03 | 42.52 2.24 -19.53 | 42.36 2.35 -18.87 | 56.03 3.23 -24.01 | 73.41 6.10 -12.84 | 61.30 4.18 -19.47 | 53.92 3.45 -18.52 | 52.32 2.84 -23.14 | 46.88 2.25 -23.60 | 44.73 1.65 -24.99 | 37.24 1.21 -23.46 |
| PJM_GEN_VFT_PROXY 323633 | 36.98 0.41 -30.44 | 35.86 0.33 -30.16 | 33.23 0.32 -27.53 | 33.72 0.32 -28.12 | 34.98 0.32 -29.29 | 35.09 0.43 -27.60 | 42.17 0.77 -29.57 | 49.76 1.15 -32.12 | 49.36 1.59 -28.85 | 48.53 1.71 -27.34 | 45.80 1.90 -23.02 | 44.57 1.87 -21.49 | 43.80 1.80 -21.29 | 42.46 1.81 -20.02 | 42.22 1.95 -19.53 | 41.93 2.01 -18.77 | 52.91 2.65 -21.46 | 68.78 5.01 -9.29 | 54.98 3.43 -13.91 | 49.72 2.78 -14.99 | 47.47 2.32 -18.82 | 45.39 1.81 -22.55 | 44.52 1.45 -24.99 | 36.96 0.93 -23.46 |
| PLEASANTVLY____LBMP 24000 | 38.74 0.40 -32.21 | 37.63 0.33 -31.91 | 34.85 0.33 -29.13 | 35.37 0.33 -29.76 | 36.70 0.33 -31.00 | 36.71 0.44 -29.21 | 43.90 0.78 -31.29 | 51.18 1.15 -33.54 | 50.56 1.51 -30.13 | 49.61 1.58 -28.55 | 46.65 1.73 -24.04 | 45.63 1.68 -22.75 | 44.86 1.62 -22.54 | 43.42 1.61 -21.19 | 43.09 1.68 -20.67 | 42.77 1.75 -19.87 | 53.93 2.42 -22.71 | 68.94 4.63 -9.84 | 55.53 3.16 -14.72 | 50.41 2.59 -15.87 | 48.38 2.13 -19.92 | 46.58 1.68 -23.87 | 45.89 1.36 -26.44 | 38.28 0.88 -24.83 |
| PLSNTVLE_13_KV_13KVDisA_REV_LBMP_I 345020 | 37.72 0.43 -31.16 | 36.61 0.35 -30.87 | 33.92 0.35 -28.18 | 34.42 0.34 -28.79 | 35.71 0.35 -29.99 | 35.78 0.46 -28.26 | 42.92 0.82 -30.27 | 50.39 1.20 -32.70 | 49.88 1.59 -29.37 | 48.99 1.68 -27.83 | 46.17 1.86 -23.44 | 45.02 1.80 -22.01 | 44.22 1.72 -21.80 | 42.83 1.71 -20.50 | 42.54 1.80 -19.99 | 42.25 1.88 -19.22 | 53.36 2.59 -21.97 | 68.95 4.96 -9.52 | 55.24 3.35 -14.24 | 50.08 2.78 -15.35 | 47.87 2.26 -19.27 | 45.93 1.81 -23.09 | 45.10 1.43 -25.58 | 37.52 0.93 -24.02 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 39.53 0.46 -32.94 | 38.41 0.39 -32.64 | 35.57 0.39 -29.79 | 36.10 0.38 -30.44 | 37.46 0.39 -31.70 | 37.44 0.51 -29.88 | 44.75 0.91 -32.01 | 52.05 1.37 -34.19 | 51.35 1.72 -30.71 | 50.37 1.79 -29.10 | 47.34 1.96 -24.50 | 46.36 1.89 -23.26 | 45.58 1.82 -23.05 | 44.08 1.79 -21.67 | 43.77 1.89 -21.14 | 43.43 1.97 -20.32 | 54.79 2.77 -23.22 | 69.88 5.34 -10.06 | 56.32 3.61 -15.05 | 51.15 2.97 -16.23 | 49.15 2.45 -20.37 | 47.38 1.93 -24.41 | 46.69 1.56 -27.05 | 38.97 1.01 -25.39 |
| POLETTI____ 23519 | 37.00 0.44 -30.44 | 35.88 0.35 -30.16 | 33.26 0.35 -27.53 | 33.74 0.34 -28.12 | 35.00 0.34 -29.29 | 35.11 0.45 -27.60 | 42.21 0.82 -29.57 | 49.83 1.22 -32.12 | 49.43 1.67 -28.85 | 48.61 1.79 -27.34 | 45.88 1.98 -23.02 | 44.65 1.95 -21.49 | 43.86 1.86 -21.29 | 42.52 1.88 -20.02 | 42.27 1.99 -19.53 | 41.99 2.07 -18.77 | 53.02 2.77 -21.46 | 69.05 5.28 -9.29 | 55.14 3.58 -13.91 | 49.88 2.94 -14.99 | 47.57 2.42 -18.82 | 45.48 1.89 -22.55 | 44.59 1.52 -24.99 | 37.00 0.97 -23.46 |
| PORT_JEFF_3 23555 | 37.20 0.63 -30.44 | 36.00 0.46 -30.16 | 33.33 0.42 -27.53 | 33.81 0.41 -28.13 | 35.09 0.42 -29.29 | 35.35 0.68 -27.60 | 43.37 1.41 -30.14 | 50.86 1.98 -32.40 | 50.70 2.55 -29.23 | 49.75 2.61 -27.66 | 46.66 2.76 -23.02 | 45.49 2.78 -21.50 | 44.67 2.67 -21.30 | 43.24 2.60 -20.03 | 43.02 2.74 -19.53 | 42.96 2.90 -18.92 | 56.90 4.09 -24.01 | 74.78 7.46 -12.84 | 62.20 5.08 -19.47 | 54.66 4.18 -18.52 | 53.03 3.55 -23.14 | 47.56 2.92 -23.61 | 45.20 2.12 -24.99 | 37.55 1.52 -23.46 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 37.20 0.63 -30.44 | 36.00 0.46 -30.16 | 33.33 0.42 -27.53 | 33.81 0.41 -28.13 | 35.09 0.42 -29.29 | 35.35 0.68 -27.60 | 43.37 1.41 -30.14 | 50.86 1.98 -32.40 | 50.70 2.55 -29.23 | 49.75 2.61 -27.66 | 46.66 2.76 -23.02 | 45.49 2.78 -21.50 | 44.67 2.67 -21.30 | 43.24 2.60 -20.03 | 43.02 2.74 -19.53 | 42.96 2.90 -18.92 | 56.90 4.09 -24.01 | 74.78 7.46 -12.84 | 62.20 5.08 -19.47 | 54.66 4.18 -18.52 | 53.03 3.55 -23.14 | 47.56 2.92 -23.61 | 45.20 2.12 -24.99 | 37.55 1.52 -23.46 |
| PORT_JEFF_IC 23713 | 37.21 0.64 -30.44 | 36.01 0.47 -30.16 | 33.34 0.42 -27.53 | 33.83 0.42 -28.13 | 35.10 0.44 -29.29 | 35.36 0.70 -27.60 | 43.42 1.43 -30.17 | 50.91 2.01 -32.41 | 50.75 2.59 -29.24 | 49.82 2.67 -27.67 | 46.70 2.80 -23.02 | 45.53 2.82 -21.50 | 44.71 2.71 -21.30 | 43.28 2.64 -20.03 | 43.06 2.78 -19.53 | 43.03 2.96 -18.92 | 56.99 4.17 -24.01 | 74.78 7.46 -12.84 | 62.24 5.12 -19.47 | 54.76 4.28 -18.52 | 53.11 3.63 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.59 1.56 -23.46 |
| PPL PILGRIM_ST_GT1 24216 | 37.25 0.68 -30.44 | 36.05 0.51 -30.16 | 33.37 0.46 -27.53 | 33.86 0.45 -28.13 | 35.14 0.47 -29.29 | 35.40 0.74 -27.60 | 43.43 1.30 -30.30 | 50.82 1.86 -32.47 | 50.65 2.40 -29.33 | 49.70 2.47 -27.75 | 46.86 2.96 -23.02 | 45.70 2.99 -21.50 | 44.86 2.86 -21.30 | 43.45 2.80 -20.03 | 43.22 2.94 -19.53 | 42.97 2.90 -18.93 | 57.16 4.35 -24.01 | 75.54 8.23 -12.84 | 62.73 5.61 -19.47 | 55.14 4.66 -18.52 | 53.32 3.84 -23.14 | 47.71 3.07 -23.61 | 45.32 2.24 -24.99 | 37.66 1.62 -23.46 |
| PPL PILGRIM_ST_GT2 24217 | 37.25 0.68 -30.44 | 36.05 0.51 -30.16 | 33.37 0.46 -27.53 | 33.86 0.45 -28.13 | 35.14 0.47 -29.29 | 35.40 0.74 -27.60 | 43.43 1.30 -30.30 | 50.82 1.86 -32.47 | 50.65 2.40 -29.33 | 49.70 2.47 -27.75 | 46.86 2.96 -23.02 | 45.70 2.99 -21.50 | 44.86 2.86 -21.30 | 43.45 2.80 -20.03 | 43.22 2.94 -19.53 | 42.97 2.90 -18.93 | 57.16 4.35 -24.01 | 75.54 8.23 -12.84 | 62.73 5.61 -19.47 | 55.14 4.66 -18.52 | 53.32 3.84 -23.14 | 47.71 3.07 -23.61 | 45.32 2.24 -24.99 | 37.66 1.62 -23.46 |
| PPL_SHRM_GT3 24213 | 37.22 0.66 -30.44 | 36.02 0.48 -30.16 | 33.35 0.44 -27.53 | 33.83 0.42 -28.13 | 35.11 0.45 -29.29 | 35.37 0.71 -27.60 | 43.44 1.47 -30.15 | 50.98 2.09 -32.40 | 50.82 2.67 -29.23 | 49.87 2.73 -27.66 | 46.76 2.86 -23.02 | 45.57 2.86 -21.50 | 44.76 2.75 -21.30 | 43.32 2.68 -20.03 | 43.10 2.82 -19.53 | 43.09 3.02 -18.92 | 57.08 4.26 -24.01 | 75.00 7.68 -12.84 | 62.28 5.16 -19.47 | 54.56 4.09 -18.52 | 53.11 3.63 -23.14 | 47.73 3.09 -23.61 | 45.30 2.22 -24.99 | 37.63 1.60 -23.46 |
| PPL_SHRM_GT4 24214 | 37.22 0.66 -30.44 | 36.02 0.48 -30.16 | 33.35 0.44 -27.53 | 33.83 0.42 -28.13 | 35.11 0.45 -29.29 | 35.37 0.71 -27.60 | 43.44 1.47 -30.15 | 50.98 2.09 -32.40 | 50.82 2.67 -29.23 | 49.87 2.73 -27.66 | 46.76 2.86 -23.02 | 45.57 2.86 -21.50 | 44.76 2.75 -21.30 | 43.32 2.68 -20.03 | 43.10 2.82 -19.53 | 43.09 3.02 -18.92 | 57.08 4.26 -24.01 | 75.00 7.68 -12.84 | 62.28 5.16 -19.47 | 54.56 4.09 -18.52 | 53.11 3.63 -23.14 | 47.73 3.09 -23.61 | 45.30 2.22 -24.99 | 37.63 1.60 -23.46 |
| PROJECT___ORANGE 1 24174 | 8.36 -0.02 -2.25 | 7.59 -0.02 -2.22 | 7.39 -0.02 -2.03 | 7.33 -0.02 -2.07 | 7.51 -0.02 -2.16 | 9.08 -0.01 -2.04 | 14.00 -0.01 -2.18 | 19.12 0.00 -2.63 | 21.24 -0.04 -2.36 | 21.70 -0.02 -2.24 | 22.74 -0.02 -1.88 | 22.82 0.02 -1.59 | 22.23 -0.04 -1.57 | 22.03 -0.06 -1.48 | 22.08 -0.10 -1.44 | 22.44 -0.08 -1.39 | 30.33 -0.06 -1.58 | 55.10 -0.05 -0.69 | 38.60 -0.08 -1.03 | 33.03 -0.03 -1.11 | 27.69 -0.03 -1.39 | 22.57 -0.13 -1.66 | 19.73 -0.20 -1.84 | 14.29 -0.01 -1.73 |
| PROJECT___ORANGE 2 24166 | 8.36 -0.02 -2.25 | 7.59 -0.02 -2.22 | 7.39 -0.02 -2.03 | 7.33 -0.02 -2.07 | 7.51 -0.02 -2.16 | 9.08 -0.01 -2.04 | 14.00 -0.01 -2.18 | 19.12 0.00 -2.63 | 21.24 -0.04 -2.36 | 21.70 -0.02 -2.24 | 22.74 -0.02 -1.88 | 22.82 0.02 -1.59 | 22.23 -0.04 -1.57 | 22.03 -0.06 -1.48 | 22.08 -0.10 -1.44 | 22.44 -0.08 -1.39 | 30.33 -0.06 -1.58 | 55.10 -0.05 -0.69 | 38.60 -0.08 -1.03 | 33.03 -0.03 -1.11 | 27.69 -0.03 -1.39 | 22.57 -0.13 -1.66 | 19.73 -0.20 -1.84 | 14.29 -0.01 -1.73 |
| PYRITES___HYD 24023 | 5.94 -0.19 0.00 | 5.18 -0.20 0.00 | 5.19 -0.19 0.00 | 5.10 -0.18 0.00 | 5.19 -0.18 0.00 | 6.86 -0.20 0.00 | 11.48 -0.34 0.00 | 15.93 -0.56 0.00 | 18.13 -0.79 0.00 | 18.66 -0.82 0.00 | 19.98 -0.90 0.00 | 20.13 -1.08 0.00 | 20.00 -0.70 0.00 | 20.04 -0.58 0.00 | 20.08 -0.66 0.00 | 20.17 -0.97 0.00 | 27.10 -1.70 0.00 | 51.48 -3.00 0.00 | 35.46 -2.18 0.00 | 30.04 -1.92 0.00 | 24.67 -1.66 0.00 | 20.00 -1.03 0.00 | 17.67 -0.42 0.00 | 12.22 -0.35 0.00 |
| RAMAPO___LBMP 323565 | 35.60 0.42 -29.05 | 34.50 0.34 -28.79 | 32.00 0.34 -26.28 | 32.46 0.33 -26.84 | 33.67 0.34 -27.96 | 33.85 0.44 -26.35 | 40.85 0.79 -28.23 | 48.65 1.15 -31.01 | 48.30 1.53 -27.85 | 47.49 1.62 -26.39 | 44.90 1.80 -22.23 | 43.47 1.74 -20.52 | 42.69 1.66 -20.33 | 41.38 1.65 -19.11 | 41.13 1.74 -18.64 | 40.88 1.82 -17.92 | 51.79 2.50 -20.48 | 68.14 4.79 -8.87 | 54.16 3.24 -13.28 | 48.91 2.65 -14.31 | 46.48 2.18 -17.97 | 44.30 1.74 -21.53 | 43.31 1.37 -23.85 | 35.86 0.89 -22.39 |
| RANKINE___ 23646 | 10.49 -0.13 -4.49 | 9.71 -0.12 -4.45 | 9.36 -0.08 -4.06 | 9.31 -0.12 -4.15 | 9.59 -0.11 -4.32 | 10.93 -0.20 -4.07 | 15.76 -0.43 -4.36 | 21.10 -0.51 -5.12 | 22.85 -0.66 -4.60 | 23.20 -0.64 -4.36 | 23.71 -0.84 -3.67 | 23.60 -0.78 -3.17 | 23.22 -0.62 -3.14 | 22.89 -0.68 -2.95 | 22.86 -0.77 -2.88 | 23.17 -0.74 -2.77 | 30.84 -1.12 -3.17 | 53.29 -2.56 -1.37 | 38.19 -1.51 -2.05 | 33.11 -1.05 -2.21 | 28.32 -0.79 -2.78 | 23.49 -0.86 -3.33 | 20.94 -0.83 -3.69 | 15.72 -0.31 -3.46 |
| RAVENSWOOD_GT2_1 24244 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT2_2 24245 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT2_3 24246 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.92 2.02 -23.02 | 44.72 2.02 -21.49 | 43.93 1.93 -21.30 | 42.58 1.94 -20.02 | 42.31 2.03 -19.53 | 42.03 2.11 -18.78 | 53.11 2.85 -21.46 | 69.16 5.39 -9.30 | 55.25 3.69 -13.91 | 49.95 3.00 -14.99 | 47.66 2.50 -18.82 | 45.54 1.96 -22.56 | 44.65 1.57 -24.99 | 37.04 1.01 -23.46 |
| RAVENSWOOD_GT2_4 24247 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.92 2.02 -23.02 | 44.72 2.02 -21.49 | 43.93 1.93 -21.30 | 42.58 1.94 -20.02 | 42.31 2.03 -19.53 | 42.03 2.11 -18.78 | 53.11 2.85 -21.46 | 69.16 5.39 -9.30 | 55.25 3.69 -13.91 | 49.95 3.00 -14.99 | 47.66 2.50 -18.82 | 45.54 1.96 -22.56 | 44.65 1.57 -24.99 | 37.04 1.01 -23.46 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT3_1 24248 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT3_2 24249 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT3_3 24250 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.51 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.95 1.95 -21.30 | 42.58 1.94 -20.02 | 42.33 2.05 -19.53 | 42.05 2.13 -18.78 | 53.14 2.88 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.66 2.50 -18.82 | 45.56 1.98 -22.56 | 44.65 1.57 -24.99 | 37.05 1.02 -23.46 |
| RAVENSWOOD_GT3_4 24251 | 37.01 0.45 -30.44 | 35.90 0.36 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.51 1.74 -28.85 | 48.67 1.85 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.95 1.95 -21.30 | 42.58 1.94 -20.02 | 42.33 2.05 -19.53 | 42.05 2.13 -18.78 | 53.14 2.88 -21.46 | 69.22 5.45 -9.30 | 55.29 3.73 -13.91 | 49.98 3.04 -14.99 | 47.66 2.50 -18.82 | 45.56 1.98 -22.56 | 44.65 1.57 -24.99 | 37.05 1.02 -23.46 |
| RAVENSWOOD_GT_1 23729 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| RAVENSWOOD_GT_10 24258 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_11 24259 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_4 24252 | 37.01 0.44 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.11 5.34 -9.30 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.56 | 44.61 1.54 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_5 24254 | 37.01 0.44 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.11 5.34 -9.30 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.56 | 44.61 1.54 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_6 24253 | 37.01 0.44 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.11 5.34 -9.30 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.56 | 44.61 1.54 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_7 24255 | 37.01 0.44 -30.44 | 35.90 0.36 -30.16 | 33.26 0.35 -27.53 | 33.75 0.35 -28.12 | 35.01 0.35 -29.29 | 35.14 0.47 -27.60 | 42.25 0.85 -29.57 | 49.88 1.27 -32.12 | 49.47 1.70 -28.85 | 48.65 1.83 -27.34 | 45.90 2.00 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.54 1.90 -20.02 | 42.29 2.01 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.11 5.34 -9.30 | 55.21 3.65 -13.91 | 49.92 2.97 -14.99 | 47.60 2.45 -18.82 | 45.52 1.93 -22.56 | 44.61 1.54 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD_GT_9 24257 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD___1 23533 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| RAVENSWOOD___2 23534 | 37.00 0.44 -30.44 | 35.88 0.34 -30.16 | 33.24 0.33 -27.53 | 33.73 0.33 -28.12 | 35.00 0.33 -29.29 | 35.11 0.45 -27.60 | 42.16 0.76 -29.57 | 49.70 1.09 -32.12 | 49.34 1.57 -28.85 | 48.54 1.71 -27.34 | 45.88 1.98 -23.02 | 44.75 2.04 -21.50 | 43.98 1.97 -21.30 | 42.63 1.98 -20.03 | 42.36 2.07 -19.54 | 42.06 2.13 -18.78 | 52.91 2.65 -21.46 | 68.78 5.01 -9.30 | 55.02 3.46 -13.91 | 49.72 2.78 -14.99 | 47.52 2.37 -18.82 | 45.50 1.91 -22.56 | 44.69 1.61 -25.00 | 37.07 1.03 -23.47 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___3 23535 | 37.01 0.44 -30.44 | 35.89 0.35 -30.16 | 33.26 0.35 -27.53 | 33.75 0.34 -28.12 | 35.01 0.35 -29.29 | 35.13 0.47 -27.60 | 42.24 0.84 -29.57 | 49.86 1.25 -32.12 | 49.49 1.72 -28.85 | 48.65 1.83 -27.34 | 45.92 2.02 -23.02 | 44.70 1.99 -21.49 | 43.90 1.90 -21.30 | 42.56 1.92 -20.02 | 42.31 2.03 -19.53 | 42.01 2.09 -18.78 | 53.08 2.82 -21.46 | 69.16 5.39 -9.30 | 55.21 3.65 -13.91 | 49.95 3.00 -14.99 | 47.63 2.47 -18.82 | 45.52 1.93 -22.56 | 44.63 1.56 -24.99 | 37.03 0.99 -23.46 |
| RAVENSWOOD___4 23820 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| RCPL_TRUST___DRP 24196 | 37.01 0.45 -30.43 | 35.90 0.37 -30.15 | 33.27 0.37 -27.52 | 33.76 0.36 -28.12 | 35.02 0.36 -29.28 | 35.14 0.48 -27.60 | 42.27 0.88 -29.57 | 49.91 1.30 -32.12 | 49.52 1.76 -28.85 | 48.69 1.87 -27.34 | 45.96 2.07 -23.02 | 44.74 2.04 -21.49 | 43.96 1.97 -21.29 | 42.60 1.96 -20.02 | 42.33 2.05 -19.52 | 42.05 2.13 -18.77 | 53.14 2.88 -21.45 | 69.27 5.50 -9.29 | 55.28 3.73 -13.91 | 50.01 3.07 -14.99 | 47.68 2.53 -18.82 | 45.56 1.98 -22.55 | 44.66 1.59 -24.98 | 37.05 1.02 -23.46 |
| RENSSELAER___COGEN 23796 | 47.54 0.31 -41.10 | 46.37 0.27 -40.72 | 42.82 0.27 -37.17 | 43.52 0.27 -37.97 | 45.20 0.27 -39.55 | 44.70 0.37 -37.27 | 52.34 0.58 -39.93 | 58.35 0.86 -41.00 | 56.69 0.95 -36.82 | 55.33 0.95 -34.90 | 51.28 1.02 -29.38 | 51.21 0.98 -29.02 | 50.41 0.95 -28.75 | 48.58 0.93 -27.04 | 48.09 0.98 -26.37 | 47.53 1.04 -25.35 | 59.22 1.44 -28.97 | 69.75 2.72 -12.55 | 58.31 1.88 -18.78 | 53.83 1.63 -20.25 | 53.09 1.34 -25.42 | 52.54 1.05 -30.46 | 52.75 0.92 -33.74 | 44.84 0.59 -31.68 |
| REVERE_CPPR_DRP 24186 | 6.27 0.15 0.00 | 5.49 0.11 0.00 | 5.50 0.12 0.00 | 5.39 0.11 0.00 | 5.49 0.11 0.00 | 7.25 0.19 0.00 | 12.18 0.35 0.00 | 17.73 0.58 -0.66 | 20.14 0.62 -0.60 | 20.73 0.68 -0.56 | 22.10 0.75 -0.48 | 22.10 0.89 0.00 | 21.45 0.74 0.00 | 21.32 0.70 0.00 | 21.45 0.71 0.00 | 21.84 0.70 0.00 | 29.87 1.07 0.00 | 56.76 2.29 0.00 | 39.08 1.43 0.00 | 33.13 1.18 0.00 | 27.23 0.90 0.00 | 21.66 0.63 0.00 | 18.58 0.49 0.00 | 12.95 0.38 0.00 |
| RIVERBAY___ 323610 | 37.00 0.43 -30.44 | 35.86 0.33 -30.16 | 33.22 0.32 -27.53 | 33.71 0.31 -28.12 | 34.98 0.32 -29.29 | 35.09 0.43 -27.60 | 42.17 0.78 -29.56 | 49.77 1.17 -32.11 | 49.43 1.67 -28.84 | 48.62 1.81 -27.33 | 45.94 2.05 -23.01 | 44.73 2.04 -21.49 | 43.94 1.95 -21.29 | 42.59 1.96 -20.02 | 42.32 2.05 -19.52 | 42.04 2.13 -18.77 | 53.08 2.82 -21.45 | 69.15 5.39 -9.29 | 55.24 3.69 -13.90 | 49.94 3.00 -14.99 | 47.65 2.50 -18.81 | 45.56 1.98 -22.56 | 44.68 1.59 -25.00 | 37.10 1.06 -23.47 |
| ROCHESTER_9_IC 23652 | 9.31 -0.12 -3.31 | 8.58 -0.08 -3.28 | 8.30 -0.07 -2.99 | 8.24 -0.09 -3.06 | 8.45 -0.11 -3.18 | 9.93 -0.13 -3.00 | 14.75 -0.30 -3.21 | 19.99 -0.30 -3.80 | 21.93 -0.40 -3.41 | 22.30 -0.41 -3.23 | 23.01 -0.58 -2.72 | 23.02 -0.53 -2.34 | 22.56 -0.46 -2.31 | 22.30 -0.50 -2.18 | 22.29 -0.58 -2.12 | 22.63 -0.55 -2.04 | 30.50 -0.63 -2.33 | 54.29 -1.20 -1.01 | 38.37 -0.79 -1.51 | 32.97 -0.61 -1.63 | 27.87 -0.50 -2.05 | 22.93 -0.55 -2.45 | 20.21 -0.60 -2.72 | 14.90 -0.23 -2.55 |
| ROSETON___1 23587 | 37.27 0.39 -30.75 | 36.17 0.33 -30.47 | 33.52 0.33 -27.81 | 34.01 0.32 -28.41 | 35.29 0.32 -29.59 | 35.38 0.43 -27.89 | 42.46 0.76 -29.88 | 49.98 1.12 -32.37 | 49.45 1.46 -29.07 | 48.57 1.54 -27.55 | 45.76 1.69 -23.20 | 44.56 1.63 -21.72 | 43.79 1.57 -21.51 | 42.41 1.57 -20.23 | 42.11 1.64 -19.73 | 41.82 1.71 -18.97 | 52.84 2.36 -21.68 | 68.33 4.47 -9.39 | 54.75 3.05 -14.05 | 49.62 2.52 -15.15 | 47.43 2.08 -19.02 | 45.46 1.64 -22.79 | 44.64 1.30 -25.24 | 37.13 0.86 -23.70 |
| ROSETON___2 23588 | 37.27 0.39 -30.75 | 36.17 0.33 -30.47 | 33.52 0.33 -27.81 | 34.01 0.32 -28.41 | 35.29 0.32 -29.59 | 35.38 0.43 -27.89 | 42.46 0.76 -29.88 | 49.98 1.12 -32.37 | 49.45 1.46 -29.07 | 48.57 1.54 -27.55 | 45.76 1.69 -23.20 | 44.56 1.63 -21.72 | 43.79 1.57 -21.51 | 42.41 1.57 -20.23 | 42.11 1.64 -19.73 | 41.82 1.71 -18.97 | 52.84 2.36 -21.68 | 68.33 4.47 -9.39 | 54.75 3.05 -14.05 | 49.62 2.52 -15.15 | 47.43 2.08 -19.02 | 45.46 1.64 -22.79 | 44.64 1.30 -25.24 | 37.13 0.86 -23.70 |
| RUSSELL___1 23602 | 9.34 -0.10 -3.31 | 8.60 -0.06 -3.28 | 8.32 -0.05 -2.99 | 8.27 -0.07 -3.06 | 8.47 -0.09 -3.18 | 9.96 -0.10 -3.00 | 14.79 -0.25 -3.22 | 20.07 -0.21 -3.80 | 22.03 -0.30 -3.41 | 22.40 -0.31 -3.23 | 23.12 -0.48 -2.72 | 23.14 -0.40 -2.34 | 22.67 -0.35 -2.32 | 22.40 -0.39 -2.18 | 22.41 -0.46 -2.12 | 22.76 -0.42 -2.04 | 30.67 -0.46 -2.33 | 54.67 -0.82 -1.01 | 38.60 -0.56 -1.51 | 33.17 -0.42 -1.63 | 28.03 -0.34 -2.05 | 23.06 -0.42 -2.45 | 20.30 -0.51 -2.72 | 14.96 -0.16 -2.55 |
| RUSSELL___2 23532 | 9.34 -0.10 -3.31 | 8.60 -0.06 -3.28 | 8.32 -0.05 -2.99 | 8.27 -0.07 -3.06 | 8.47 -0.09 -3.18 | 9.96 -0.10 -3.00 | 14.79 -0.25 -3.22 | 20.07 -0.21 -3.80 | 22.03 -0.30 -3.41 | 22.40 -0.31 -3.23 | 23.12 -0.48 -2.72 | 23.14 -0.40 -2.34 | 22.67 -0.35 -2.32 | 22.40 -0.39 -2.18 | 22.41 -0.46 -2.12 | 22.76 -0.42 -2.04 | 30.67 -0.46 -2.33 | 54.67 -0.82 -1.01 | 38.60 -0.56 -1.51 | 33.17 -0.42 -1.63 | 28.03 -0.34 -2.05 | 23.06 -0.42 -2.45 | 20.30 -0.51 -2.72 | 14.96 -0.16 -2.55 |
| RUSSELL___3 23549 | 9.34 -0.10 -3.31 | 8.60 -0.06 -3.28 | 8.32 -0.05 -2.99 | 8.27 -0.07 -3.06 | 8.47 -0.09 -3.18 | 9.96 -0.10 -3.00 | 14.79 -0.25 -3.22 | 20.07 -0.21 -3.80 | 22.03 -0.30 -3.41 | 22.40 -0.31 -3.23 | 23.12 -0.48 -2.72 | 23.14 -0.40 -2.34 | 22.67 -0.35 -2.32 | 22.40 -0.39 -2.18 | 22.41 -0.46 -2.12 | 22.76 -0.42 -2.04 | 30.67 -0.46 -2.33 | 54.67 -0.82 -1.01 | 38.60 -0.56 -1.51 | 33.17 -0.42 -1.63 | 28.03 -0.34 -2.05 | 23.06 -0.42 -2.45 | 20.30 -0.51 -2.72 | 14.96 -0.16 -2.55 |
| RUSSELL___4 23556 | 9.34 -0.10 -3.31 | 8.60 -0.06 -3.28 | 8.32 -0.05 -2.99 | 8.27 -0.07 -3.06 | 8.47 -0.09 -3.18 | 9.96 -0.10 -3.00 | 14.79 -0.25 -3.22 | 20.07 -0.21 -3.80 | 22.03 -0.30 -3.41 | 22.40 -0.31 -3.23 | 23.12 -0.48 -2.72 | 23.14 -0.40 -2.34 | 22.67 -0.35 -2.32 | 22.40 -0.39 -2.18 | 22.41 -0.46 -2.12 | 22.76 -0.42 -2.04 | 30.67 -0.46 -2.33 | 54.67 -0.82 -1.01 | 38.60 -0.56 -1.51 | 33.17 -0.42 -1.63 | 28.03 -0.34 -2.05 | 23.06 -0.42 -2.45 | 20.30 -0.51 -2.72 | 14.96 -0.16 -2.55 |
| RUSSELL___STATION 23914 | 9.34 -0.10 -3.31 | 8.60 -0.06 -3.28 | 8.32 -0.05 -2.99 | 8.27 -0.07 -3.06 | 8.47 -0.09 -3.18 | 9.96 -0.10 -3.00 | 14.79 -0.25 -3.22 | 20.07 -0.21 -3.80 | 22.03 -0.30 -3.41 | 22.40 -0.31 -3.23 | 23.12 -0.48 -2.72 | 23.14 -0.40 -2.34 | 22.67 -0.35 -2.32 | 22.40 -0.39 -2.18 | 22.41 -0.46 -2.12 | 22.76 -0.42 -2.04 | 30.67 -0.46 -2.33 | 54.67 -0.82 -1.01 | 38.60 -0.56 -1.51 | 33.17 -0.42 -1.63 | 28.03 -0.34 -2.05 | 23.06 -0.42 -2.45 | 20.30 -0.51 -2.72 | 14.96 -0.16 -2.55 |
| S SALMON___HYD 24043 | 7.83 -0.04 -1.74 | 7.06 -0.05 -1.73 | 6.91 -0.04 -1.58 | 6.84 -0.05 -1.61 | 7.00 -0.05 -1.68 | 8.60 -0.04 -1.58 | 13.49 -0.04 -1.69 | 18.53 -0.03 -2.07 | 20.67 -0.11 -1.86 | 21.17 -0.08 -1.76 | 22.28 -0.08 -1.49 | 22.46 0.02 -1.23 | 21.88 -0.04 -1.22 | 21.70 -0.06 -1.15 | 21.76 -0.10 -1.12 | 22.09 -0.13 -1.08 | 29.95 -0.09 -1.23 | 54.95 -0.05 -0.53 | 38.30 -0.15 -0.80 | 32.68 -0.13 -0.86 | 27.28 -0.13 -1.08 | 22.18 -0.15 -1.29 | 19.38 -0.15 -1.43 | 13.87 -0.05 -1.34 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 10.28 -0.21 -4.36 | 9.51 -0.18 -4.32 | 9.17 -0.15 -3.94 | 9.12 -0.18 -4.02 | 9.39 -0.18 -4.19 | 10.72 -0.29 -3.95 | 15.44 -0.62 -4.23 | 20.66 -0.79 -4.97 | 22.38 -1.00 -4.46 | 22.72 -0.99 -4.23 | 23.21 -1.23 -3.56 | 23.12 -1.17 -3.08 | 22.72 -1.03 -3.05 | 22.41 -1.07 -2.87 | 22.38 -1.16 -2.79 | 22.69 -1.14 -2.69 | 30.17 -1.70 -3.07 | 52.15 -3.65 -1.33 | 37.38 -2.26 -1.99 | 32.40 -1.69 -2.15 | 27.73 -1.29 -2.69 | 23.02 -1.24 -3.23 | 20.53 -1.14 -3.58 | 15.41 -0.52 -3.36 |
| SELKIRK___I 23801 | 47.05 0.29 -40.63 | 45.89 0.25 -40.25 | 42.38 0.25 -36.74 | 43.07 0.25 -37.54 | 44.72 0.25 -39.10 | 44.24 0.33 -36.85 | 51.84 0.54 -39.47 | 57.87 0.79 -40.59 | 56.28 0.91 -36.46 | 54.96 0.94 -34.55 | 50.97 1.00 -29.09 | 50.86 0.96 -28.69 | 50.06 0.93 -28.43 | 48.25 0.91 -26.73 | 47.77 0.95 -26.07 | 47.22 1.01 -25.06 | 58.83 1.38 -28.64 | 69.50 2.61 -12.41 | 58.02 1.81 -18.57 | 53.50 1.53 -20.01 | 52.74 1.29 -25.12 | 52.15 1.01 -30.11 | 52.31 0.87 -33.35 | 44.44 0.55 -31.31 |
| SELKIRK___II 23799 | 47.09 0.29 -40.67 | 45.93 0.25 -40.30 | 42.41 0.25 -36.78 | 43.11 0.25 -37.58 | 44.76 0.25 -39.14 | 44.27 0.33 -36.89 | 51.89 0.54 -39.51 | 57.91 0.79 -40.63 | 56.32 0.91 -36.49 | 54.99 0.94 -34.58 | 51.00 1.00 -29.12 | 50.89 0.96 -28.72 | 50.07 0.91 -28.45 | 48.28 0.91 -26.76 | 47.80 0.95 -26.09 | 47.25 1.01 -25.09 | 58.86 1.38 -28.67 | 69.51 2.61 -12.42 | 58.04 1.81 -18.59 | 53.52 1.53 -20.04 | 52.77 1.29 -25.15 | 52.18 1.01 -30.14 | 52.35 0.87 -33.39 | 44.47 0.55 -31.35 |
| SENECA OSWGO___HYD 24041 | 8.17 -0.07 -2.11 | 7.40 -0.06 -2.09 | 7.23 -0.06 -1.91 | 7.16 -0.07 -1.95 | 7.34 -0.06 -2.03 | 8.89 -0.08 -1.91 | 13.76 -0.12 -2.05 | 18.82 -0.11 -2.45 | 20.96 -0.15 -2.20 | 21.41 -0.16 -2.08 | 22.46 -0.17 -1.75 | 22.59 -0.11 -1.49 | 22.01 -0.17 -1.47 | 21.82 -0.19 -1.39 | 21.87 -0.23 -1.35 | 22.23 -0.21 -1.30 | 30.09 -0.20 -1.49 | 54.74 -0.38 -0.64 | 38.35 -0.26 -0.96 | 32.80 -0.19 -1.04 | 27.48 -0.16 -1.30 | 22.38 -0.21 -1.56 | 19.57 -0.25 -1.73 | 14.08 -0.11 -1.62 |
| SENECA___ENERGY 23797 | 9.90 0.00 -3.78 | 9.12 0.00 -3.74 | 8.81 0.01 -3.42 | 8.77 -0.01 -3.49 | 9.00 -0.01 -3.63 | 10.50 0.02 -3.43 | 15.53 0.04 -3.67 | 20.92 0.10 -4.33 | 22.91 0.10 -3.89 | 23.27 0.10 -3.69 | 24.07 0.08 -3.11 | 24.03 0.15 -2.67 | 23.43 0.08 -2.64 | 23.14 0.04 -2.48 | 23.19 0.02 -2.42 | 23.54 0.06 -2.33 | 31.67 0.20 -2.66 | 56.12 0.49 -1.15 | 39.75 0.38 -1.73 | 34.16 0.35 -1.86 | 28.93 0.26 -2.34 | 23.91 0.08 -2.80 | 21.10 -0.09 -3.10 | 15.55 0.06 -2.91 |
| SHOEMAKER___GT 23640 | 33.68 0.36 -27.19 | 32.62 0.30 -26.94 | 30.27 0.31 -24.59 | 30.70 0.30 -25.12 | 31.84 0.30 -26.16 | 32.11 0.40 -24.66 | 38.95 0.71 -26.41 | 47.08 1.07 -29.52 | 46.79 1.36 -26.51 | 46.04 1.44 -25.12 | 43.62 1.59 -21.15 | 41.92 1.51 -19.20 | 41.17 1.45 -19.02 | 39.93 1.42 -17.89 | 39.68 1.49 -17.44 | 39.48 1.56 -16.77 | 50.16 2.19 -19.17 | 66.97 4.19 -8.30 | 52.90 2.83 -12.42 | 47.68 2.33 -13.39 | 45.06 1.92 -16.81 | 42.69 1.52 -20.15 | 41.62 1.21 -22.32 | 34.32 0.79 -20.95 |
| SHOREHAM_IC_1 23715 | 37.22 0.66 -30.44 | 36.02 0.48 -30.16 | 33.35 0.44 -27.53 | 33.83 0.42 -28.13 | 35.11 0.45 -29.29 | 35.37 0.71 -27.60 | 43.44 1.47 -30.15 | 50.98 2.09 -32.40 | 50.82 2.67 -29.23 | 49.87 2.73 -27.66 | 46.76 2.86 -23.02 | 45.57 2.86 -21.50 | 44.76 2.75 -21.30 | 43.32 2.68 -20.03 | 43.10 2.82 -19.53 | 43.09 3.02 -18.92 | 57.08 4.26 -24.01 | 75.00 7.68 -12.84 | 62.28 5.16 -19.47 | 54.56 4.09 -18.52 | 53.11 3.63 -23.14 | 47.73 3.09 -23.61 | 45.30 2.22 -24.99 | 37.63 1.60 -23.46 |
| SHOREHAM_IC_2 23716 | 37.22 0.66 -30.44 | 36.02 0.48 -30.16 | 33.35 0.44 -27.53 | 33.83 0.42 -28.13 | 35.11 0.45 -29.29 | 35.37 0.71 -27.60 | 43.44 1.47 -30.15 | 50.98 2.09 -32.40 | 50.82 2.67 -29.23 | 49.87 2.73 -27.66 | 46.76 2.86 -23.02 | 45.57 2.86 -21.50 | 44.76 2.75 -21.30 | 43.32 2.68 -20.03 | 43.10 2.82 -19.53 | 43.09 3.02 -18.92 | 57.08 4.26 -24.01 | 75.00 7.68 -12.84 | 62.28 5.16 -19.47 | 54.56 4.09 -18.52 | 53.11 3.63 -23.14 | 47.73 3.09 -23.61 | 45.30 2.22 -24.99 | 37.63 1.60 -23.46 |
| SISSONVILLE____ 23735 | 5.89 -0.24 0.00 | 5.14 -0.24 0.00 | 5.15 -0.23 0.00 | 5.06 -0.22 0.00 | 5.15 -0.22 0.00 | 6.80 -0.26 0.00 | 11.38 -0.45 0.00 | 15.73 -0.76 0.00 | 17.90 -1.02 0.00 | 18.45 -1.03 0.00 | 19.73 -1.15 0.00 | 19.83 -1.38 0.00 | 19.79 -0.91 0.00 | 19.83 -0.78 0.00 | 19.88 -0.87 0.00 | 19.94 -1.20 0.00 | 26.73 -2.07 0.00 | 50.66 -3.81 0.00 | 34.94 -2.71 0.00 | 29.59 -2.36 0.00 | 24.33 -2.00 0.00 | 19.77 -1.26 0.00 | 17.49 -0.60 0.00 | 12.11 -0.46 0.00 |
| SITHE_IND_GS1 24169 | 7.75 -0.12 -1.74 | 7.00 -0.11 -1.73 | 6.85 -0.10 -1.58 | 6.78 -0.11 -1.61 | 6.94 -0.11 -1.68 | 8.50 -0.14 -1.58 | 13.28 -0.24 -1.69 | 18.20 -0.30 -2.01 | 20.36 -0.36 -1.80 | 20.82 -0.37 -1.71 | 21.92 -0.40 -1.44 | 22.06 -0.38 -1.23 | 21.53 -0.39 -1.22 | 21.35 -0.41 -1.15 | 21.39 -0.48 -1.12 | 21.75 -0.47 -1.07 | 29.42 -0.61 -1.23 | 53.86 -1.15 -0.53 | 37.65 -0.79 -0.80 | 32.14 -0.67 -0.86 | 26.85 -0.55 -1.08 | 21.84 -0.48 -1.29 | 19.07 -0.45 -1.43 | 13.68 -0.24 -1.34 |
| SITHE_IND_GS2 24170 | 7.75 -0.12 -1.74 | 7.00 -0.11 -1.73 | 6.85 -0.10 -1.58 | 6.78 -0.11 -1.61 | 6.94 -0.11 -1.68 | 8.50 -0.14 -1.58 | 13.28 -0.24 -1.69 | 18.20 -0.30 -2.01 | 20.36 -0.36 -1.80 | 20.82 -0.37 -1.71 | 21.92 -0.40 -1.44 | 22.06 -0.38 -1.23 | 21.53 -0.39 -1.22 | 21.35 -0.41 -1.15 | 21.39 -0.48 -1.12 | 21.75 -0.47 -1.07 | 29.42 -0.61 -1.23 | 53.86 -1.15 -0.53 | 37.65 -0.79 -0.80 | 32.14 -0.67 -0.86 | 26.85 -0.55 -1.08 | 21.84 -0.48 -1.29 | 19.07 -0.45 -1.43 | 13.68 -0.24 -1.34 |
| SITHE_IND_GS3 24171 | 7.75 -0.12 -1.74 | 7.00 -0.11 -1.73 | 6.85 -0.10 -1.58 | 6.78 -0.11 -1.61 | 6.94 -0.11 -1.68 | 8.50 -0.14 -1.58 | 13.28 -0.24 -1.69 | 18.20 -0.30 -2.01 | 20.36 -0.36 -1.80 | 20.82 -0.37 -1.71 | 21.92 -0.40 -1.44 | 22.06 -0.38 -1.23 | 21.53 -0.39 -1.22 | 21.35 -0.41 -1.15 | 21.39 -0.48 -1.12 | 21.75 -0.47 -1.07 | 29.42 -0.61 -1.23 | 53.86 -1.15 -0.53 | 37.65 -0.79 -0.80 | 32.14 -0.67 -0.86 | 26.85 -0.55 -1.08 | 21.84 -0.48 -1.29 | 19.07 -0.45 -1.43 | 13.68 -0.24 -1.34 |
| SITHE_IND_GS4 24172 | 7.75 -0.12 -1.74 | 7.00 -0.11 -1.73 | 6.85 -0.10 -1.58 | 6.78 -0.11 -1.61 | 6.94 -0.11 -1.68 | 8.50 -0.14 -1.58 | 13.28 -0.24 -1.69 | 18.20 -0.30 -2.01 | 20.36 -0.36 -1.80 | 20.82 -0.37 -1.71 | 21.92 -0.40 -1.44 | 22.06 -0.38 -1.23 | 21.53 -0.39 -1.22 | 21.35 -0.41 -1.15 | 21.39 -0.48 -1.12 | 21.75 -0.47 -1.07 | 29.42 -0.61 -1.23 | 53.86 -1.15 -0.53 | 37.65 -0.79 -0.80 | 32.14 -0.67 -0.86 | 26.85 -0.55 -1.08 | 21.84 -0.48 -1.29 | 19.07 -0.45 -1.43 | 13.68 -0.24 -1.34 |
| SITHE___BATAVIA 24024 | 9.88 -0.12 -3.87 | 9.13 -0.08 -3.84 | 8.83 -0.05 -3.50 | 8.77 -0.09 -3.58 | 9.00 -0.10 -3.73 | 10.42 -0.15 -3.51 | 15.20 -0.39 -3.76 | 20.49 -0.43 -4.43 | 22.33 -0.57 -3.98 | 22.67 -0.58 -3.77 | 23.21 -0.84 -3.17 | 23.18 -0.76 -2.73 | 22.79 -0.62 -2.71 | 22.49 -0.68 -2.55 | 22.46 -0.77 -2.48 | 22.79 -0.74 -2.39 | 30.55 -0.98 -2.73 | 53.59 -2.07 -1.18 | 38.14 -1.28 -1.77 | 32.90 -0.96 -1.91 | 27.99 -0.74 -2.39 | 23.10 -0.80 -2.87 | 20.45 -0.81 -3.18 | 15.29 -0.26 -2.98 |
| SITHE___INDEPEND 23800 | 7.75 -0.12 -1.74 | 7.00 -0.11 -1.73 | 6.85 -0.10 -1.58 | 6.78 -0.11 -1.61 | 6.94 -0.11 -1.68 | 8.50 -0.14 -1.58 | 13.28 -0.24 -1.69 | 18.20 -0.30 -2.01 | 20.36 -0.36 -1.80 | 20.82 -0.37 -1.71 | 21.92 -0.40 -1.44 | 22.06 -0.38 -1.23 | 21.53 -0.39 -1.22 | 21.35 -0.41 -1.15 | 21.39 -0.48 -1.12 | 21.75 -0.47 -1.07 | 29.42 -0.61 -1.23 | 53.86 -1.15 -0.53 | 37.65 -0.79 -0.80 | 32.14 -0.67 -0.86 | 26.85 -0.55 -1.08 | 21.84 -0.48 -1.29 | 19.07 -0.45 -1.43 | 13.68 -0.24 -1.34 |

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| SITHE___MASSENA 23902 | 5.94 -0.19 0.00 | 5.19 -0.19 0.00 | 5.20 -0.18 0.00 | 5.11 -0.17 0.00 | 5.20 -0.17 0.00 | 6.85 -0.21 0.00 | 11.46 -0.37 0.00 | 15.94 -0.54 0.00 | 18.18 -0.74 0.00 | 18.70 -0.78 0.00 | 20.00 -0.88 0.00 | 20.15 -1.06 0.00 | 19.90 -0.81 0.00 | 19.92 -0.70 0.00 | 20.00 -0.75 0.00 | 20.15 -0.99 0.00 | 27.25 -1.56 0.00 | 51.64 -2.83 0.00 | 35.69 -1.96 0.00 | 30.26 -1.69 0.00 | 24.91 -1.42 0.00 | 20.13 -0.90 0.00 | 17.62 -0.47 0.00 | 12.17 -0.40 0.00 |
| SITHE___OGDNSBRG 24021 | 5.96 -0.17 0.00 | 5.21 -0.17 0.00 | 5.22 -0.16 0.00 | 5.13 -0.15 0.00 | 5.22 -0.16 0.00 | 6.88 -0.18 0.00 | 11.54 -0.28 0.00 | 16.06 -0.43 0.00 | 18.28 -0.64 0.00 | 18.82 -0.66 0.00 | 20.13 -0.75 0.00 | 20.30 -0.91 0.00 | 20.06 -0.64 0.00 | 20.08 -0.54 0.00 | 20.17 -0.58 0.00 | 20.26 -0.89 0.00 | 27.39 -1.41 0.00 | 52.02 -2.45 0.00 | 35.88 -1.77 0.00 | 30.39 -1.56 0.00 | 24.96 -1.37 0.00 | 20.21 -0.82 0.00 | 17.74 -0.34 0.00 | 12.25 -0.33 0.00 |
| SITHE___STERLING 23777 | 6.24 0.12 0.00 | 5.47 0.09 0.00 | 5.47 0.09 0.00 | 5.37 0.08 0.00 | 5.46 0.09 0.00 | 7.21 0.15 0.00 | 12.10 0.27 0.00 | 17.87 0.45 -0.94 | 20.24 0.47 -0.84 | 20.81 0.53 -0.80 | 22.11 0.56 -0.67 | 21.89 0.68 0.00 | 21.26 0.56 0.00 | 21.15 0.54 0.00 | 21.27 0.52 0.00 | 21.67 0.53 0.00 | 29.64 0.84 0.00 | 56.22 1.74 0.00 | 38.78 1.13 0.00 | 32.88 0.93 0.00 | 27.04 0.71 0.00 | 21.51 0.48 0.00 | 18.43 0.34 0.00 | 12.86 0.29 0.00 |
| SOUTH CAIRO___GT 23612 | 40.43 0.48 -33.82 | 39.32 0.43 -33.51 | 36.40 0.44 -30.58 | 36.96 0.43 -31.25 | 38.35 0.44 -32.54 | 38.29 0.56 -30.67 | 45.71 1.03 -32.85 | 52.94 1.52 -34.93 | 52.05 1.76 -31.37 | 51.03 1.81 -29.73 | 47.83 1.92 -25.04 | 46.94 1.84 -23.88 | 46.16 1.80 -23.66 | 44.62 1.75 -22.25 | 44.27 1.83 -21.70 | 43.95 1.94 -20.86 | 55.49 2.85 -23.84 | 70.41 5.61 -10.33 | 56.83 3.73 -15.45 | 51.68 3.07 -16.66 | 49.75 2.50 -20.91 | 48.11 2.02 -25.06 | 47.48 1.63 -27.76 | 39.67 1.03 -26.06 |
| SOUTH HAMPTN___IC 23720 | 37.37 0.80 -30.44 | 36.15 0.61 -30.16 | 33.47 0.56 -27.53 | 33.95 0.54 -28.13 | 35.24 0.57 -29.29 | 35.55 0.89 -27.60 | 43.77 1.80 -30.14 | 51.44 2.56 -32.40 | 51.35 3.20 -29.23 | 50.40 3.25 -27.66 | 47.32 3.42 -23.02 | 46.14 3.44 -21.50 | 45.29 3.29 -21.30 | 43.84 3.20 -20.03 | 43.64 3.36 -19.53 | 43.64 3.57 -18.92 | 57.91 5.10 -24.01 | 76.74 9.43 -12.84 | 63.52 6.40 -19.47 | 55.65 5.18 -18.52 | 53.92 4.45 -23.14 | 48.32 3.68 -23.61 | 45.79 2.71 -24.99 | 37.96 1.92 -23.46 |
| SOUTHOLD___IC 23719 | 37.46 0.89 -30.44 | 36.22 0.69 -30.16 | 33.54 0.63 -27.53 | 34.03 0.62 -28.13 | 35.32 0.65 -29.29 | 35.66 1.00 -27.60 | 43.97 2.00 -30.14 | 51.72 2.84 -32.40 | 51.68 3.54 -29.23 | 50.75 3.60 -27.66 | 47.70 3.80 -23.02 | 46.53 3.82 -21.50 | 45.69 3.69 -21.30 | 44.21 3.57 -20.03 | 43.99 3.71 -19.53 | 44.02 3.95 -18.92 | 58.49 5.67 -24.01 | 77.88 10.57 -12.84 | 64.31 7.19 -19.47 | 56.32 5.85 -18.52 | 54.45 4.98 -23.14 | 48.72 4.08 -23.61 | 46.08 3.00 -24.99 | 38.14 2.11 -23.46 |
| ST LAWRENCE___ 23600 | 5.90 -0.23 0.00 | 5.18 -0.20 0.00 | 5.18 -0.20 0.00 | 5.10 -0.18 0.00 | 5.19 -0.19 0.00 | 6.80 -0.25 0.00 | 11.39 -0.44 0.00 | 15.83 -0.66 0.00 | 18.09 -0.83 0.00 | 18.61 -0.88 0.00 | 19.92 -0.96 0.00 | 20.21 -1.00 0.00 | 19.84 -0.87 0.00 | 19.79 -0.83 0.00 | 19.92 -0.83 0.00 | 20.19 -0.95 0.00 | 27.39 -1.41 0.00 | 51.86 -2.61 0.00 | 35.84 -1.81 0.00 | 30.39 -1.56 0.00 | 25.04 -1.29 0.00 | 20.13 -0.90 0.00 | 17.47 -0.62 0.00 | 12.11 -0.46 0.00 |
| STATION 5_MISC_HYD 23604 | 9.31 -0.12 -3.31 | 8.58 -0.08 -3.28 | 8.30 -0.07 -2.99 | 8.24 -0.09 -3.06 | 8.45 -0.11 -3.18 | 9.93 -0.13 -3.00 | 14.75 -0.30 -3.21 | 19.99 -0.30 -3.80 | 21.93 -0.40 -3.41 | 22.30 -0.41 -3.23 | 23.01 -0.58 -2.72 | 23.02 -0.53 -2.34 | 22.56 -0.46 -2.31 | 22.30 -0.50 -2.18 | 22.29 -0.58 -2.12 | 22.63 -0.55 -2.04 | 30.50 -0.63 -2.33 | 54.29 -1.20 -1.01 | 38.37 -0.79 -1.51 | 32.97 -0.61 -1.63 | 27.87 -0.50 -2.05 | 22.93 -0.55 -2.45 | 20.21 -0.60 -2.72 | 14.90 -0.23 -2.55 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 10.10 0.10 -3.88 | 9.32 0.10 -3.84 | 9.00 0.11 -3.51 | 8.95 0.09 -3.58 | 9.19 0.09 -3.73 | 10.72 0.15 -3.52 | 15.83 0.24 -3.77 | 21.36 0.43 -4.44 | 23.36 0.45 -3.99 | 23.73 0.47 -3.78 | 24.46 0.40 -3.18 | 24.46 0.51 -2.74 | 23.87 0.45 -2.71 | 23.56 0.39 -2.55 | 23.59 0.35 -2.49 | 23.94 0.40 -2.39 | 32.28 0.75 -2.73 | 57.24 1.58 -1.18 | 40.51 1.09 -1.77 | 34.79 0.93 -1.91 | 29.46 0.74 -2.40 | 24.32 0.42 -2.87 | 21.43 0.16 -3.18 | 15.84 0.28 -2.99 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 9.22 -0.15 -3.25 | 8.48 -0.12 -3.22 | 8.21 -0.10 -2.94 | 8.16 -0.13 -3.00 | 8.37 -0.13 -3.13 | 9.83 -0.17 -2.95 | 14.63 -0.35 -3.16 | 19.83 -0.40 -3.74 | 21.77 -0.51 -3.36 | 22.14 -0.53 -3.19 | 22.87 -0.69 -2.68 | 22.87 -0.64 -2.29 | 22.40 -0.58 -2.27 | 22.14 -0.62 -2.14 | 22.15 -0.68 -2.08 | 22.49 -0.66 -2.00 | 30.32 -0.78 -2.29 | 54.00 -1.47 -0.99 | 38.15 -0.98 -1.48 | 32.78 -0.77 -1.60 | 27.71 -0.63 -2.01 | 22.79 -0.65 -2.41 | 20.09 -0.67 -2.41 | 14.79 -0.29 -2.50 |
| STEEL___WIND 323596 | 10.50 -0.12 -4.49 | 9.71 -0.11 -4.45 | 9.36 -0.08 -4.06 | 9.31 -0.12 -4.15 | 9.59 -0.10 -4.32 | 10.94 -0.19 -4.07 | 15.78 -0.41 -4.36 | 21.13 -0.48 -5.12 | 22.89 -0.62 -4.60 | 23.21 -0.62 -4.36 | 23.73 -0.81 -3.67 | 23.64 -0.74 -3.17 | 23.24 -0.60 -3.14 | 22.91 -0.66 -2.95 | 22.88 -0.75 -2.88 | 23.19 -0.72 -2.77 | 30.87 -1.09 -3.17 | 53.34 -2.50 -1.37 | 38.23 -1.47 -2.05 | 33.14 -1.02 -2.21 | 28.34 -0.76 -2.78 | 23.54 -0.82 -3.33 | 20.96 -0.81 -3.69 | 15.73 -0.30 -3.46 |
| STEUBEN_REC_LFGE 323667 | 12.38 0.04 -6.21 | 11.55 0.02 -6.15 | 11.04 0.04 -5.61 | 11.03 0.02 -5.73 | 11.37 0.03 -5.97 | 12.72 0.04 -5.63 | 17.91 0.05 -6.03 | 23.69 0.13 -7.07 | 25.38 0.11 -6.35 | 25.67 0.17 -6.01 | 26.11 0.17 -5.06 | 25.95 0.36 -4.38 | 25.36 0.31 -4.34 | 24.95 0.25 -4.08 | 24.96 0.23 -3.98 | 25.25 0.27 -3.83 | 33.64 0.46 -4.38 | 57.19 0.82 -1.90 | 41.16 0.68 -2.84 | 35.68 0.67 -3.06 | 30.72 0.55 -3.84 | 25.82 0.19 -4.60 | 23.09 -0.09 -5.10 | 17.51 0.15 -4.78 |
| STONY___BROOK 24151 | 37.21 0.64 -30.44 | 36.01 0.47 -30.16 | 33.34 0.42 -27.53 | 33.83 0.42 -28.13 | 35.10 0.44 -29.29 | 35.36 0.70 -27.60 | 43.42 1.43 -30.17 | 50.91 2.01 -32.41 | 50.75 2.59 -29.24 | 49.82 2.67 -27.67 | 46.70 2.80 -23.02 | 45.53 2.82 -21.50 | 44.71 2.71 -21.30 | 43.28 2.64 -20.03 | 43.06 2.78 -19.53 | 43.03 2.96 -18.92 | 56.99 4.17 -24.01 | 74.78 7.46 -12.84 | 62.24 5.12 -19.47 | 54.76 4.28 -18.52 | 53.11 3.63 -23.14 | 47.62 2.99 -23.61 | 45.23 2.15 -24.99 | 37.59 1.56 -23.46 |
| STURGEON_POOL_HYD 23609 | 36.76 0.38 -30.25 | 35.68 0.33 -29.97 | 33.07 0.33 -27.36 | 33.55 0.32 -27.95 | 34.81 0.33 -29.11 | 34.90 0.41 -27.43 | 42.01 0.79 -29.39 | 49.70 1.19 -32.03 | 49.18 1.49 -28.76 | 48.32 1.58 -27.26 | 45.54 1.71 -22.95 | 44.18 1.61 -21.36 | 43.38 1.51 -21.16 | 42.00 1.49 -19.90 | 41.73 1.58 -19.41 | 41.49 1.69 -18.66 | 52.63 2.50 -21.32 | 68.67 4.96 -9.24 | 54.67 3.20 -13.82 | 49.41 2.56 -14.90 | 47.12 2.08 -18.71 | 45.17 1.72 -22.42 | 44.26 1.34 -24.83 | 36.74 0.86 -23.31 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 34.50 0.40 -27.97 | 33.42 0.33 -27.71 | 31.01 0.34 -25.29 | 31.45 0.33 -25.84 | 32.62 0.33 -26.91 | 32.86 0.44 -25.36 | 39.79 0.79 -27.17 | 47.78 1.15 -30.14 | 47.50 1.51 -27.07 | 46.73 1.60 -25.65 | 44.23 1.75 -21.60 | 42.66 1.70 -19.75 | 41.89 1.62 -19.57 | 40.63 1.61 -18.40 | 40.37 1.68 -17.94 | 40.17 1.78 -17.25 | 50.96 2.45 -19.72 | 67.70 4.69 -8.54 | 53.59 3.16 -12.78 | 48.32 2.59 -13.78 | 45.76 2.13 -17.29 | 43.46 1.70 -20.72 | 42.39 1.34 -22.96 | 35.01 0.88 -21.55 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SYNERGY___BIOGAS 323694 | 9.88 -0.12 -3.87 | 9.13 -0.08 -3.84 | 8.83 -0.05 -3.50 | 8.77 -0.09 -3.58 | 9.00 -0.10 -3.73 | 10.42 -0.15 -3.51 | 15.20 -0.39 -3.76 | 20.49 -0.43 -4.43 | 22.33 -0.57 -3.98 | 22.67 -0.58 -3.77 | 23.21 -0.84 -3.17 | 23.18 -0.76 -2.73 | 22.79 -0.62 -2.71 | 22.49 -0.68 -2.55 | 22.46 -0.77 -2.48 | 22.79 -0.74 -2.39 | 30.55 -0.98 -2.73 | 53.59 -2.07 -1.18 | 38.14 -1.28 -1.77 | 32.90 -0.96 -1.91 | 27.99 -0.74 -2.39 | 23.10 -0.80 -2.87 | 20.45 -0.81 -3.18 | 15.29 -0.26 -2.98 |
| SYRACUSE___ENERGY_ST1 323597 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| SYRACUSE___ENERGY_ST2 323598 | 8.80 -0.01 -2.69 | 8.03 -0.01 -2.66 | 7.81 -0.01 -2.43 | 7.75 -0.02 -2.48 | 7.94 -0.02 -2.59 | 9.49 -0.01 -2.44 | 14.44 0.00 -2.61 | 19.63 0.03 -3.10 | 21.73 0.02 -2.79 | 22.16 0.04 -2.64 | 23.14 0.04 -2.23 | 23.19 0.09 -1.90 | 22.63 0.04 -1.88 | 22.39 0.00 -1.77 | 22.43 -0.04 -1.73 | 22.78 -0.02 -1.66 | 30.76 0.06 -1.90 | 55.46 0.16 -0.82 | 38.99 0.11 -1.23 | 33.37 0.10 -1.32 | 28.07 0.08 -1.66 | 23.00 -0.02 -1.99 | 20.19 -0.11 -2.21 | 14.66 0.01 -2.07 |
| SYRACUSE___POWER 24017 | 8.78 0.00 -2.65 | 8.01 0.00 -2.63 | 7.78 0.00 -2.40 | 7.73 -0.01 -2.45 | 7.92 -0.01 -2.55 | 9.47 0.01 -2.40 | 14.43 0.02 -2.58 | 19.63 0.07 -3.07 | 21.72 0.04 -2.76 | 22.16 0.06 -2.62 | 23.14 0.06 -2.20 | 23.19 0.11 -1.87 | 22.60 0.04 -1.85 | 22.38 0.02 -1.74 | 22.43 -0.02 -1.70 | 22.78 0.00 -1.64 | 30.76 0.09 -1.87 | 55.50 0.22 -0.81 | 38.97 0.11 -1.21 | 33.39 0.13 -1.31 | 28.05 0.08 -1.64 | 22.97 -0.02 -1.96 | 20.16 -0.11 -2.18 | 14.64 0.03 -2.04 |
| TRIGEN___CC 323695 | 37.09 0.50 -30.46 | 35.92 0.37 -30.18 | 33.25 0.33 -27.53 | 33.73 0.32 -28.13 | 35.00 0.33 -29.30 | 35.21 0.53 -27.63 | 46.93 1.06 -34.03 | 52.34 1.55 -34.30 | 52.75 2.00 -31.82 | 51.48 2.12 -29.87 | 46.13 2.23 -23.02 | 44.96 2.25 -21.50 | 44.14 2.13 -21.30 | 42.75 2.10 -20.03 | 42.50 2.22 -19.53 | 42.47 2.30 -19.02 | 55.98 3.17 -24.01 | 73.36 6.05 -12.84 | 61.23 4.10 -19.47 | 53.86 3.39 -18.52 | 52.26 2.79 -23.14 | 46.84 2.21 -23.60 | 44.71 1.63 -24.99 | 37.23 1.18 -23.48 |
| UNION___PROCESSING_DRP 323587 | 9.32 -0.13 -3.32 | 8.58 -0.09 -3.29 | 8.30 -0.08 -3.01 | 8.25 -0.11 -3.07 | 8.46 -0.11 -3.20 | 9.93 -0.14 -3.01 | 14.74 -0.32 -3.23 | 19.96 -0.35 -3.82 | 21.89 -0.45 -3.43 | 22.26 -0.47 -3.25 | 22.99 -0.63 -2.73 | 22.99 -0.57 -2.35 | 22.51 -0.52 -2.33 | 22.25 -0.56 -2.19 | 22.26 -0.62 -2.13 | 22.60 -0.59 -2.05 | 30.43 -0.72 -2.34 | 54.13 -1.36 -1.01 | 38.26 -0.90 -1.52 | 32.89 -0.70 -1.64 | 27.81 -0.58 -2.06 | 22.90 -0.59 -2.46 | 20.18 -0.63 -2.73 | 14.88 -0.25 -2.56 |
| UPPER HUDSON___HYD 24058 | 50.09 0.51 -43.45 | 48.88 0.46 -43.05 | 45.14 0.47 -39.30 | 45.89 0.46 -40.15 | 47.66 0.47 -41.81 | 47.06 0.59 -39.41 | 54.99 0.95 -42.21 | 61.00 1.45 -43.06 | 59.16 1.57 -38.67 | 57.71 1.58 -36.65 | 53.38 1.65 -30.86 | 53.49 1.59 -30.68 | 52.68 1.57 -30.40 | 50.83 1.63 -28.58 | 50.28 1.66 -27.88 | 49.70 1.75 -26.80 | 61.91 2.48 -30.63 | 72.43 4.69 -13.27 | 60.70 3.20 -19.86 | 56.20 2.84 -21.40 | 55.44 2.24 -26.87 | 55.00 1.77 -32.20 | 55.39 1.63 -35.67 | 47.13 1.07 -33.49 |
| UPPER RAQUET___HYD 24056 | 5.89 -0.24 0.00 | 5.14 -0.24 0.00 | 5.15 -0.23 0.00 | 5.06 -0.22 0.00 | 5.15 -0.22 0.00 | 6.80 -0.26 0.00 | 11.38 -0.45 0.00 | 15.73 -0.76 0.00 | 17.90 -1.02 0.00 | 18.45 -1.03 0.00 | 19.73 -1.15 0.00 | 19.83 -1.38 0.00 | 19.79 -0.91 0.00 | 19.83 -0.78 0.00 | 19.88 -0.87 0.00 | 19.94 -1.20 0.00 | 26.73 -2.07 0.00 | 50.66 -3.81 0.00 | 34.94 -2.71 0.00 | 29.59 -2.36 0.00 | 24.33 -2.00 0.00 | 19.77 -1.26 0.00 | 17.49 -0.60 0.00 | 12.11 -0.46 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 18.37 0.37 -11.87 | 17.45 0.32 -11.76 | 16.43 0.32 -10.73 | 16.56 0.31 -10.96 | 17.10 0.31 -11.42 | 18.24 0.42 -10.76 | 24.08 0.72 -11.53 | 31.40 1.10 -13.80 | 32.62 1.30 -12.40 | 32.59 1.36 -11.75 | 32.23 1.46 -9.89 | 31.12 1.53 -8.38 | 30.35 1.34 -8.30 | 29.75 1.32 -7.81 | 29.73 1.37 -7.61 | 29.86 1.40 -7.32 | 39.21 2.05 -8.37 | 62.18 4.09 -3.62 | 45.78 2.71 -5.42 | 40.07 2.27 -5.85 | 35.51 1.84 -7.34 | 31.23 1.41 -8.79 | 28.97 1.14 -9.74 | 22.52 0.81 -9.15 |
| VISCHER___FERRY HYD 24020 | 49.28 0.37 -42.78 | 48.09 0.33 -42.38 | 44.40 0.33 -38.69 | 45.13 0.32 -39.53 | 46.87 0.33 -41.16 | 46.30 0.44 -38.80 | 54.09 0.70 -41.56 | 60.01 1.07 -42.45 | 58.28 1.23 -38.13 | 56.86 1.25 -36.13 | 52.62 1.32 -30.43 | 52.69 1.27 -30.21 | 51.90 1.26 -29.93 | 50.00 1.24 -28.14 | 49.48 1.29 -27.45 | 48.88 1.35 -26.39 | 60.83 1.87 -30.16 | 71.19 3.65 -13.06 | 59.68 2.48 -19.55 | 55.20 2.17 -21.07 | 54.55 1.76 -26.45 | 54.12 1.39 -31.70 | 54.42 1.21 -35.12 | 46.34 0.79 -32.97 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 35.76 0.46 -29.17 | 34.66 0.38 -28.90 | 32.15 0.38 -26.39 | 32.61 0.37 -26.96 | 33.82 0.38 -28.07 | 34.01 0.49 -26.46 | 41.06 0.89 -28.34 | 48.88 1.29 -31.11 | 48.54 1.68 -27.94 | 47.75 1.79 -26.48 | 45.13 1.96 -22.29 | 43.74 1.93 -20.60 | 42.96 1.84 -20.41 | 41.65 1.83 -19.19 | 41.37 1.91 -18.72 | 41.15 2.01 -18.00 | 52.13 5.28 -20.57 | 68.67 5.28 -8.91 | 54.56 3.58 -13.33 | 49.26 2.94 -14.37 | 46.79 2.42 -18.04 | 44.56 1.91 -21.62 | 43.56 1.52 -23.95 | 36.05 0.99 -22.48 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.01 0.45 -30.43 | 35.90 0.37 -30.15 | 33.27 0.37 -27.52 | 33.75 0.35 -28.12 | 35.02 0.36 -29.28 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.89 1.29 -32.12 | 49.50 1.74 -28.85 | 48.69 1.87 -27.34 | 45.94 2.05 -23.02 | 44.74 2.04 -21.49 | 43.94 1.95 -21.29 | 42.60 1.96 -20.02 | 42.33 2.05 -19.52 | 42.05 2.13 -18.77 | 53.14 2.88 -21.45 | 69.27 5.50 -9.29 | 55.28 3.73 -13.91 | 49.98 3.04 -14.99 | 47.65 2.50 -18.82 | 45.56 1.98 -22.55 | 44.65 1.57 -24.98 | 37.04 1.01 -23.46 |
| WADING RIVER_IC_1 23522 | 37.23 0.66 -30.44 | 36.03 0.49 -30.16 | 33.35 0.44 -27.53 | 33.84 0.43 -28.13 | 35.11 0.45 -29.29 | 35.38 0.72 -27.60 | 43.45 1.48 -30.14 | 50.98 2.09 -32.40 | 50.81 2.67 -29.23 | 49.87 2.73 -27.66 | 46.78 2.88 -23.02 | 45.59 2.88 -21.50 | 44.78 2.78 -21.30 | 43.35 2.70 -20.03 | 43.12 2.84 -19.53 | 43.09 3.02 -18.92 | 57.11 4.29 -24.01 | 74.94 7.63 -12.84 | 62.28 5.16 -19.47 | 54.53 4.06 -18.52 | 53.08 3.61 -23.14 | 47.73 3.09 -23.61 | 45.32 2.24 -24.99 | 37.64 1.61 -23.46 |
| WADING RIVER_IC_2 23547 | 37.23 0.66 -30.44 | 36.03 0.49 -30.16 | 33.35 0.44 -27.53 | 33.84 0.43 -28.13 | 35.11 0.45 -29.29 | 35.38 0.72 -27.60 | 43.45 1.48 -30.14 | 50.98 2.09 -32.40 | 50.81 2.67 -29.23 | 49.87 2.73 -27.66 | 46.78 2.88 -23.02 | 45.59 2.88 -21.50 | 44.78 2.78 -21.30 | 43.35 2.70 -20.03 | 43.12 2.84 -19.53 | 43.09 3.02 -18.92 | 57.11 4.29 -24.01 | 74.94 7.63 -12.84 | 62.28 5.16 -19.47 | 54.53 4.06 -18.52 | 53.08 3.61 -23.14 | 47.73 3.09 -23.61 | 45.32 2.24 -24.99 | 37.64 1.61 -23.46 |
| WADING RIVER_IC_3 23601 | 37.23 0.66 -30.44 | 36.03 0.49 -30.16 | 33.35 0.44 -27.53 | 33.84 0.43 -28.13 | 35.11 0.45 -29.29 | 35.38 0.72 -27.60 | 43.45 1.48 -30.14 | 50.98 2.09 -32.40 | 50.81 2.67 -29.23 | 49.87 2.73 -27.66 | 46.78 2.88 -23.02 | 45.59 2.88 -21.50 | 44.78 2.78 -21.30 | 43.35 2.70 -20.03 | 43.12 2.84 -19.53 | 43.09 3.02 -18.92 | 57.11 4.29 -24.01 | 74.94 7.63 -12.84 | 62.28 5.16 -19.47 | 54.53 4.06 -18.52 | 53.08 3.61 -23.14 | 47.73 3.09 -23.61 | 45.32 2.24 -24.99 | 37.64 1.61 -23.46 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| WALDEN___HYDRO 24148 | 36.38 0.44 -29.81 | 35.29 0.37 -29.54 | 32.71 0.37 -26.96 | 33.18 0.36 -27.54 | 34.42 0.37 -28.69 | 34.59 0.49 -27.04 | 41.69 0.90 -28.96 | 49.46 1.33 -31.64 | 49.06 1.72 -28.42 | 48.22 1.81 -26.93 | 45.54 1.98 -22.68 | 44.17 1.91 -21.05 | 43.38 1.82 -20.86 | 42.04 1.81 -19.61 | 41.76 1.89 -19.13 | 41.52 1.99 -18.39 | 52.64 2.82 -21.02 | 68.97 5.39 -9.10 | 54.89 3.61 -13.62 | 49.61 2.97 -14.69 | 47.21 2.45 -18.43 | 45.06 1.93 -22.09 | 44.08 1.52 -24.47 | 36.53 0.98 -22.98 |
| WARRENSBURG___ 23737 | 50.09 0.51 -43.45 | 48.88 0.46 -43.05 | 45.14 0.47 -39.30 | 45.89 0.46 -40.15 | 47.66 0.47 -41.81 | 47.06 0.59 -39.41 | 54.99 0.95 -42.21 | 61.00 1.45 -43.06 | 59.16 1.57 -38.67 | 57.71 1.58 -36.65 | 53.38 1.65 -30.86 | 53.49 1.59 -30.68 | 52.68 1.57 -30.40 | 50.83 1.63 -28.58 | 50.28 1.66 -27.88 | 49.70 1.75 -26.80 | 61.91 2.48 -30.63 | 72.43 4.69 -13.27 | 60.70 3.20 -19.86 | 56.20 2.84 -21.40 | 55.44 2.24 -26.87 | 55.00 1.77 -32.20 | 55.39 1.63 -35.67 | 47.13 1.07 -33.49 |
| WATERSIDE___6 8 9 23538 | 37.01 0.45 -30.44 | 35.89 0.35 -30.16 | 33.25 0.34 -27.53 | 33.74 0.34 -28.12 | 35.01 0.34 -29.29 | 35.12 0.46 -27.60 | 42.23 0.83 -29.57 | 49.83 1.22 -32.12 | 49.49 1.72 -28.85 | 48.67 1.85 -27.34 | 45.98 2.09 -23.02 | 44.81 2.10 -21.50 | 44.02 2.01 -21.30 | 42.65 2.00 -20.03 | 42.40 2.12 -19.54 | 42.13 2.20 -18.78 | 53.14 2.88 -21.46 | 69.27 5.50 -9.30 | 55.32 3.76 -13.91 | 49.98 3.04 -14.99 | 47.68 2.53 -18.82 | 45.61 2.02 -22.56 | 44.71 1.63 -25.00 | 37.10 1.06 -23.47 |
| WDELAWARE___HYD 323627 | 32.06 0.42 -25.51 | 31.01 0.35 -25.28 | 28.81 0.35 -23.07 | 29.20 0.34 -23.57 | 30.27 0.35 -24.55 | 30.67 0.47 -23.14 | 37.49 0.88 -24.79 | 46.01 1.32 -28.20 | 45.91 1.67 -25.32 | 45.21 1.73 -24.00 | 42.99 1.90 -20.21 | 41.05 1.82 -18.02 | 40.27 1.72 -17.85 | 39.07 1.67 -16.78 | 38.86 1.74 -16.37 | 38.72 1.84 -15.74 | 49.38 2.59 -17.99 | 67.27 5.01 -7.79 | 52.66 3.35 -11.66 | 47.27 2.75 -12.57 | 44.34 2.24 -15.78 | 41.72 1.79 -18.91 | 40.46 1.43 -20.94 | 33.18 0.94 -19.66 |
| WEST BABYLON___IC 23714 | 37.21 0.64 -30.44 | 36.02 0.48 -30.16 | 33.34 0.43 -27.53 | 33.83 0.42 -28.13 | 35.11 0.44 -29.29 | 35.37 0.71 -27.61 | 44.24 1.38 -31.03 | 51.30 1.98 -32.83 | 51.27 2.54 -29.82 | 50.27 2.63 -28.16 | 46.76 2.86 -23.02 | 45.59 2.88 -21.50 | 44.74 2.73 -21.30 | 43.31 2.66 -20.03 | 43.08 2.80 -19.53 | 42.99 2.90 -18.95 | 56.87 4.06 -24.01 | 75.05 7.73 -12.84 | 62.43 5.31 -19.47 | 54.85 4.38 -18.52 | 53.11 3.63 -23.14 | 47.56 2.92 -23.61 | 45.21 2.13 -24.99 | 37.58 1.55 -23.46 |
| WEST CANADA___HYD 24049 | 5.04 0.05 1.14 | 4.29 0.04 1.13 | 4.39 0.04 1.03 | 4.27 0.04 1.05 | 4.32 0.04 1.10 | 6.08 0.06 1.03 | 10.81 0.09 1.11 | 15.79 0.15 0.84 | 18.35 0.19 0.76 | 18.96 0.19 0.72 | 20.48 0.21 0.60 | 20.64 0.23 0.81 | 20.11 0.21 0.80 | 20.07 0.21 0.75 | 20.22 0.21 0.73 | 20.67 0.23 0.70 | 28.34 0.35 0.80 | 54.78 0.66 0.35 | 37.58 0.45 0.52 | 31.77 0.38 0.56 | 25.94 0.32 0.71 | 20.42 0.23 0.85 | 17.31 0.16 0.94 | 11.81 0.11 0.88 |
| WESTERN_NY_WIND 24143 | 9.91 -0.12 -3.89 | 9.16 -0.08 -3.86 | 8.84 -0.06 -3.52 | 8.78 -0.09 -3.60 | 9.02 -0.10 -3.75 | 10.43 -0.16 -3.53 | 15.22 -0.39 -3.78 | 20.50 -0.44 -4.45 | 22.33 -0.59 -4.00 | 22.67 -0.60 -3.79 | 23.21 -0.86 -3.19 | 23.18 -0.78 -2.75 | 22.79 -0.64 -2.72 | 22.48 -0.70 -2.56 | 22.46 -0.79 -2.50 | 22.78 -0.76 -2.40 | 30.54 -1.01 -2.75 | 53.54 -2.13 -1.19 | 38.11 -1.32 -1.78 | 32.88 -0.99 -1.92 | 27.97 -0.76 -2.41 | 23.10 -0.82 -2.89 | 20.45 -0.83 -3.20 | 15.30 -0.28 -3.00 |
| WESTOVER___LESR 323668 | 15.48 0.07 -9.28 | 14.62 0.05 -9.19 | 13.84 0.07 -8.39 | 13.90 0.05 -8.57 | 14.36 0.06 -8.93 | 15.55 0.08 -8.41 | 20.96 0.12 -9.01 | 27.17 0.15 -10.53 | 28.55 0.17 -9.46 | 28.64 0.19 -8.97 | 28.64 0.21 -7.55 | 27.99 0.23 -6.55 | 27.36 0.16 -6.49 | 26.87 0.15 -6.10 | 26.82 0.13 -5.95 | 27.01 0.15 -5.72 | 35.54 0.20 -6.54 | 57.63 0.33 -2.83 | 42.15 0.27 -4.24 | 36.81 0.29 -4.57 | 32.36 0.29 -5.74 | 28.05 0.15 -6.87 | 25.72 0.02 -7.61 | 19.85 0.13 -7.15 |
| WETHRSFD_WT_PWR 323626 | 11.19 -0.10 -5.16 | 10.40 -0.10 -5.11 | 9.98 -0.06 -4.67 | 9.96 -0.09 -4.77 | 10.26 -0.09 -4.97 | 11.59 -0.15 -4.68 | 16.50 -0.34 -5.02 | 21.92 -0.44 -5.88 | 23.63 -0.57 -5.28 | 23.92 -0.57 -5.00 | 24.38 -0.71 -4.21 | 24.24 -0.62 -3.65 | 23.78 -0.54 -3.61 | 23.42 -0.60 -3.40 | 23.39 -0.66 -3.31 | 23.69 -0.63 -3.18 | 31.49 -0.95 -3.64 | 53.92 -2.13 -1.58 | 38.77 -1.24 -2.36 | 33.63 -0.86 -2.54 | 28.89 -0.63 -3.19 | 24.14 -0.72 -3.83 | 21.58 -0.74 -4.24 | 16.29 -0.26 -3.98 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 35.77 0.42 -29.21 | 34.67 0.34 -28.94 | 32.15 0.34 -26.42 | 32.61 0.34 -26.99 | 33.83 0.34 -28.11 | 34.01 0.45 -26.50 | 41.02 0.80 -28.38 | 48.80 1.17 -31.14 | 48.46 1.57 -27.97 | 47.64 1.66 -26.50 | 45.01 1.82 -22.32 | 43.62 1.78 -20.63 | 42.84 1.70 -20.44 | 41.53 1.69 -19.22 | 41.27 1.78 -18.74 | 41.02 1.86 -18.02 | 51.96 2.56 -20.60 | 68.30 4.90 -8.92 | 54.31 3.31 -13.35 | 49.06 2.71 -14.39 | 46.63 2.24 -18.07 | 44.47 1.79 -21.65 | 43.48 1.41 -23.98 | 36.01 0.92 -22.52 |
| YORK___WARBASSE 23770 | 37.04 0.47 -30.44 | 35.90 0.37 -30.16 | 33.27 0.36 -27.53 | 33.75 0.35 -28.12 | 35.02 0.35 -29.29 | 35.14 0.48 -27.60 | 42.26 0.86 -29.57 | 49.88 1.27 -32.12 | 49.55 1.78 -28.85 | 48.75 1.93 -27.34 | 46.07 2.17 -23.02 | 44.85 2.14 -21.50 | 44.06 2.05 -21.30 | 42.69 2.04 -20.03 | 42.44 2.16 -19.54 | 42.17 2.24 -18.78 | 53.28 3.02 -21.46 | 69.65 5.88 -9.30 | 55.59 4.03 -13.91 | 50.21 3.26 -14.99 | 47.87 2.71 -18.82 | 45.75 2.17 -22.56 | 44.82 1.74 -25.00 | 37.16 1.12 -23.47 |