

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/13/2018

| 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 24138 | 31.25 | 30.20 | 28.18 | 26.70 | 27.95 | 27.75 | 32.00 | 31.86 | 42.43 | 44.36 | 67.27 | 63.50 | 57.53 | 54.03 | 54.00 | 55.28 | 71.86 | 89.37 | 85.61 | 77.37 | 80.60 | 68.20 | 56.65 | 46.15 |
| | 2.22 | 2.32 | 2.03 | 1.89 | 1.90 | 2.24 | 2.68 | 2.39 | 3.37 | 3.44 | 4.16 | 4.05 | 4.13 | 3.37 | 3.38 | 3.76 | 4.04 | 6.26 | 6.74 | 5.85 | 5.03 | 4.61 | 4.38 | 3.26 |
| | -7.52 | -5.38 | -6.43 | -6.07 | -7.10 | -2.87 | -3.51 | -8.10 | -10.72 | -11.46 | -30.10 | -27.33 | -20.08 | -23.67 | -24.02 | -22.42 | -35.77 | -34.93 | -27.37 | -27.16 | -36.85 | -27.25 | -16.93 | -15.04 |
| 74TH STREET_GT_1 24260 | 31.29 | 30.22 | 28.22 | 26.74 | 27.99 | 27.77 | 32.02 | 31.90 | 42.43 | 44.39 | 67.31 | 63.54 | 57.60 | 54.09 | 54.06 | 55.31 | 71.90 | 89.47 | 85.66 | 77.46 | 80.64 | 68.24 | 56.69 | 46.20 |
| | 2.26 | 2.34 | 2.07 | 1.93 | 1.93 | 2.26 | 2.71 | 2.44 | 3.37 | 3.47 | 4.19 | 4.08 | 4.20 | 3.43 | 3.43 | 3.78 | 4.07 | 6.36 | 6.80 | 5.95 | 5.07 | 4.65 | 4.42 | 3.31 |
| | -7.52 | -5.38 | -6.43 | -6.07 | -7.10 | -2.87 | -3.51 | -8.10 | -10.72 | -11.47 | -30.10 | -27.33 | -20.08 | -23.67 | -24.03 | -22.42 | -35.77 | -34.93 | -27.37 | -27.16 | -36.86 | -27.26 | -16.93 | -15.04 |
| 74TH STREET_GT_2 24261 | 31.29 | 30.22 | 28.22 | 26.74 | 27.99 | 27.77 | 32.02 | 31.90 | 42.43 | 44.39 | 67.31 | 63.54 | 57.60 | 54.09 | 54.06 | 55.31 | 71.90 | 89.47 | 85.66 | 77.46 | 80.64 | 68.24 | 56.69 | 46.20 |
| | 2.26 | 2.34 | 2.07 | 1.93 | 1.93 | 2.26 | 2.71 | 2.44 | 3.37 | 3.47 | 4.19 | 4.08 | 4.20 | 3.43 | 3.43 | 3.78 | 4.07 | 6.36 | 6.80 | 5.95 | 5.07 | 4.65 | 4.42 | 3.31 |
| | -7.52 | -5.38 | -6.43 | -6.07 | -7.10 | -2.87 | -3.51 | -8.10 | -10.72 | -11.47 | -30.10 | -27.33 | -20.08 | -23.67 | -24.03 | -22.42 | -35.77 | -34.93 | -27.37 | -27.16 | -36.86 | -27.26 | -16.93 | -15.04 |
| ADK HUDSON___FALLS 24011 | 33.16 | 31.26 | 29.72 | 28.24 | 29.79 | 28.19 | 32.30 | 33.74 | 44.53 | 46.67 | 74.54 | 70.04 | 61.98 | 59.69 | 59.68 | 60.40 | 80.81 | 97.51 | 91.32 | 83.15 | 89.42 | 74.61 | 60.25 | 49.84 |
| | 1.68 | 1.66 | 1.48 | 1.44 | 1.40 | 1.81 | 1.91 | 1.60 | 2.44 | 2.50 | 2.77 | 2.67 | 2.76 | 2.19 | 2.10 | 2.39 | 2.63 | 4.29 | 4.53 | 3.77 | 3.17 | 3.13 | 3.07 | 2.59 |
| | -9.97 | -7.10 | -8.52 | -8.06 | -9.43 | -3.75 | -4.59 | -10.77 | -13.76 | -14.72 | -38.75 | -35.24 | -25.89 | -30.52 | -30.98 | -28.90 | -46.13 | -45.04 | -35.29 | -35.03 | -47.53 | -35.15 | -21.83 | -19.40 |
| ADK RESOURCE___RCVRY 23798 | 33.23 | 31.34 | 29.77 | 28.30 | 29.84 | 28.34 | 32.52 | 33.88 | 44.70 | 46.85 | 74.53 | 70.01 | 62.04 | 59.70 | 59.68 | 60.43 | 80.71 | 97.49 | 91.35 | 83.14 | 89.31 | 74.54 | 60.32 | 49.88 |
| | 1.83 | 1.80 | 1.60 | 1.57 | 1.53 | 1.99 | 2.17 | 1.84 | 2.72 | 2.80 | 3.07 | 2.92 | 3.03 | 2.43 | 2.34 | 2.65 | 2.89 | 4.63 | 4.84 | 4.04 | 3.44 | 3.34 | 3.32 | 2.78 |
| | -9.88 | -7.04 | -8.45 | -7.99 | -9.35 | -3.72 | -4.56 | -10.67 | -13.65 | -14.60 | -38.44 | -34.96 | -25.69 | -30.28 | -30.74 | -28.67 | -45.76 | -44.69 | -35.01 | -34.75 | -47.16 | -34.87 | -21.66 | -19.25 |
| ADK S GLENS___FALLS 24028 | 33.16 | 31.26 | 29.72 | 28.24 | 29.79 | 28.19 | 32.30 | 33.74 | 44.53 | 46.67 | 74.54 | 70.04 | 61.98 | 59.69 | 59.68 | 60.40 | 80.81 | 97.51 | 91.32 | 83.15 | 89.42 | 74.61 | 60.25 | 49.84 |
| | 1.68 | 1.66 | 1.48 | 1.44 | 1.40 | 1.81 | 1.91 | 1.60 | 2.44 | 2.50 | 2.77 | 2.67 | 2.76 | 2.19 | 2.10 | 2.39 | 2.63 | 4.29 | 4.53 | 3.77 | 3.17 | 3.13 | 3.07 | 2.59 |
| | -9.97 | -7.10 | -8.52 | -8.06 | -9.43 | -3.75 | -4.59 | -10.77 | -13.76 | -14.72 | -38.75 | -35.24 | -25.89 | -30.52 | -30.98 | -28.90 | -46.13 | -45.04 | -35.29 | -35.03 | -47.53 | -35.15 | -21.83 | -19.40 |
| ADK_NYS___DAM 23527 | 32.89 | 31.05 | 29.47 | 28.00 | 29.59 | 28.09 | 32.34 | 33.68 | 44.37 | 46.47 | 73.84 | 69.38 | 61.54 | 59.20 | 59.18 | 59.95 | 79.97 | 96.48 | 90.47 | 82.33 | 88.44 | 73.73 | 59.71 | 49.15 |
| | 1.61 | 1.60 | 1.40 | 1.37 | 1.40 | 1.79 | 2.04 | 1.77 | 2.55 | 2.59 | 2.84 | 2.70 | 2.83 | 2.29 | 2.21 | 2.50 | 2.69 | 4.14 | 4.37 | 3.64 | 3.13 | 2.94 | 2.97 | 2.28 |
| | -9.76 | -6.95 | -8.35 | -7.89 | -9.24 | -3.67 | -4.50 | -10.54 | -13.49 | -14.43 | -37.99 | -34.55 | -25.38 | -29.92 | -30.37 | -28.33 | -45.22 | -44.16 | -34.60 | -34.34 | -46.60 | -34.46 | -21.40 | -19.02 |
| AIR_PRODUCTS___DRP 24190 | 32.19 | 30.47 | 28.91 | 27.43 | 28.97 | 27.45 | 31.29 | 32.49 | 42.82 | 44.87 | 71.67 | 67.29 | 59.58 | 57.40 | 57.41 | 58.10 | 77.64 | 93.49 | 87.61 | 79.85 | 85.89 | 71.56 | 57.73 | 47.51 |
| | 1.08 | 1.10 | 0.99 | 0.94 | 0.95 | 1.15 | 1.01 | 0.79 | 1.25 | 1.27 | 1.49 | 1.41 | 1.46 | 1.19 | 1.14 | 1.31 | 1.41 | 2.17 | 2.32 | 1.95 | 1.66 | 1.56 | 1.48 | 1.08 |
| | -9.60 | -6.87 | -8.21 | -7.75 | -9.07 | -3.67 | -4.49 | -10.33 | -13.24 | -14.16 | -37.17 | -33.75 | -24.79 | -29.23 | -29.67 | -27.68 | -44.17 | -43.14 | -33.80 | -33.55 | -45.52 | -33.66 | -20.91 | -18.58 |
| ALBANY___1 23571 | 32.19 | 30.47 | 28.91 | 27.43 | 28.97 | 27.45 | 31.29 | 32.49 | 42.82 | 44.87 | 71.67 | 67.29 | 59.58 | 57.40 | 57.41 | 58.10 | 77.64 | 93.49 | 87.61 | 79.85 | 85.89 | 71.56 | 57.73 | 47.51 |
| | 1.08 | 1.10 | 0.99 | 0.94 | 0.95 | 1.15 | 1.01 | 0.79 | 1.25 | 1.27 | 1.49 | 1.41 | 1.46 | 1.19 | 1.14 | 1.31 | 1.41 | 2.17 | 2.32 | 1.95 | 1.66 | 1.56 | 1.48 | 1.08 |
| | -9.60 | -6.87 | -8.21 | -7.75 | -9.07 | -3.67 | -4.49 | -10.33 | -13.24 | -14.16 | -37.17 | -33.75 | -24.79 | -29.23 | -29.67 | -27.68 | -44.17 | -43.14 | -33.80 | -33.55 | -45.52 | -33.66 | -20.91 | -18.58 |
| ALBANY___2 23572 | 32.19 | 30.47 | 28.91 | 27.43 | 28.97 | 27.45 | 31.29 | 32.49 | 42.82 | 44.87 | 71.67 | 67.29 | 59.58 | 57.40 | 57.41 | 58.10 | 77.64 | 93.49 | 87.61 | 79.85 | 85.89 | 71.56 | 57.73 | 47.51 |
| | 1.08 | 1.10 | 0.99 | 0.94 | 0.95 | 1.15 | 1.01 | 0.79 | 1.25 | 1.27 | 1.49 | 1.41 | 1.46 | 1.19 | 1.14 | 1.31 | 1.41 | 2.17 | 2.32 | 1.95 | 1.66 | 1.56 | 1.48 | 1.08 |
| | -9.60 | -6.87 | -8.21 | -7.75 | -9.07 | -3.67 | -4.49 | -10.33 | -13.24 | -14.16 | -37.17 | -33.75 | -24.79 | -29.23 | -29.67 | -27.68 | -44.17 | -43.14 | -33.80 | -33.55 | -45.52 | -33.66 | -20.91 | -18.58 |
| ALBANY___3 23573 | 32.19 | 30.47 | 28.91 | 27.43 | 28.97 | 27.45 | 31.29 | 32.49 | 42.82 | 44.87 | 71.67 | 67.29 | 59.58 | 57.40 | 57.41 | 58.10 | 77.64 | 93.49 | 87.61 | 79.85 | 85.89 | 71.56 | 57.73 | 47.51 |
| | 1.08 | 1.10 | 0.99 | 0.94 | 0.95 | 1.15 | 1.01 | 0.79 | 1.25 | 1.27 | 1.49 | 1.41 | 1.46 | 1.19 | 1.14 | 1.31 | 1.41 | 2.17 | 2.32 | 1.95 | 1.66 | 1.56 | 1.48 | 1.08 |
| | -9.60 | -6.87 | -8.21 | -7.75 | -9.07 | -3.67 | -4.49 | -10.33 | -13.24 | -14.16 | -37.17 | -33.75 | -24.79 | -29.23 | -29.67 | -27.68 | -44.17 | -43.14 | -33.80 | -33.55 | -45.52 | -33.66 | -20.91 | -18.58 |
| ALBANY___4 23574 | 32.19 | 30.47 | 28.91 | 27.43 | 28.97 | 27.45 | 31.29 | 32.49 | 42.82 | 44.87 | 71.67 | 67.29 | 59.58 | 57.40 | 57.41 | 58.10 | 77.64 | 93.49 | 87.61 | 79.85 | 85.89 | 71.56 | 57.73 | 47.51 |
| | 1.08 | 1.10 | 0.99 | 0.94 | 0.95 | 1.15 | 1.01 | 0.79 | 1.25 | 1.27 | 1.49 | 1.41 | 1.46 | 1.19 | 1.14 | 1.31 | 1.41 | 2.17 | 2.32 | 1.95 | 1.66 | 1.56 | 1.48 | 1.08 |
| | -9.60 | -6.87 | -8.21 | -7.75 | -9.07 | -3.67 | -4.49 | -10.33 | -13.24 | -14.16 | -37.17 | -33.75 | -24.79 | -29.23 | -29.67 | -27.68 | -44.17 | -43.14 | -33.80 | -33.55 | -45.52 | -33.66 | -20.91 | -18.58 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 32.48 1.25 -9.71 | 30.70 1.28 -6.92 | 29.17 1.14 -8.30 | 27.68 1.09 -7.85 | 29.26 1.12 -9.19 | 27.65 1.36 -3.66 | 31.60 1.32 -4.48 | 32.92 1.07 -10.49 | 43.36 1.61 -13.41 | 45.48 1.68 -14.35 | 72.73 1.95 -37.77 | 68.34 1.86 -34.35 | 60.49 1.93 -25.23 | 58.27 1.54 -29.74 | 58.31 1.52 -30.19 | 58.99 1.72 -28.17 | 78.87 1.86 -44.95 | 94.97 2.89 -43.90 | 88.98 3.09 -34.39 | 81.11 2.62 -34.14 | 87.28 2.24 -46.32 | 72.66 2.07 -34.25 | 58.63 2.01 -21.28 | 48.26 1.50 -18.91 |
| ALCOA_RYNLDS___DRP 24188 | 14.97 -1.59 4.96 | 14.77 -1.62 6.10 | 14.09 -1.46 4.18 | 13.88 -1.39 3.47 | 13.86 -1.40 3.69 | 14.90 -1.65 6.08 | 17.35 -1.83 6.62 | 17.17 -1.43 2.76 | 21.44 -2.04 4.86 | 22.82 -2.09 4.53 | 26.55 -2.34 4.12 | 29.91 -2.22 0.00 | 31.09 -2.23 0.00 | 25.23 -1.75 0.00 | 24.92 -1.67 0.00 | 27.10 -2.01 0.00 | 30.07 -1.99 0.00 | 45.10 -3.08 0.00 | 48.05 -3.45 0.00 | 41.42 -2.93 0.00 | 36.27 -2.44 0.00 | 34.19 -2.14 0.00 | 33.47 -1.87 0.00 | 26.32 -1.53 0.00 |
| ALCOA___DSASP 323711 | 14.97 -1.59 4.96 | 14.77 -1.62 6.10 | 14.09 -1.46 4.18 | 13.88 -1.39 3.47 | 13.86 -1.40 3.69 | 14.90 -1.65 6.08 | 17.35 -1.83 6.62 | 17.17 -1.43 2.76 | 21.44 -2.04 4.86 | 22.82 -2.09 4.53 | 26.55 -2.34 4.12 | 29.91 -2.22 0.00 | 31.09 -2.23 0.00 | 25.23 -1.75 0.00 | 24.92 -1.67 0.00 | 27.10 -2.01 0.00 | 30.07 -1.99 0.00 | 45.10 -3.08 0.00 | 48.05 -3.45 0.00 | 41.42 -2.93 0.00 | 36.27 -2.44 0.00 | 34.19 -2.14 0.00 | 33.47 -1.87 0.00 | 26.32 -1.53 0.00 |
| ALLEGHENY___COGEN 23514 | 23.22 0.47 -1.23 | 23.77 0.43 -0.85 | 21.19 0.41 -1.06 | 20.15 0.41 -1.00 | 20.59 0.45 -1.18 | 23.65 0.61 -0.41 | 26.86 0.54 -0.51 | 23.16 0.43 -1.37 | 31.22 1.22 -1.67 | 32.01 0.76 -1.80 | 38.60 0.76 -4.83 | 37.18 0.61 -4.44 | 37.15 0.57 -3.26 | 31.13 0.30 -3.84 | 30.77 0.27 -3.90 | 33.77 1.02 -3.64 | 38.35 0.48 -5.81 | 55.40 1.54 -5.67 | 57.64 1.70 -4.45 | 49.81 1.06 -4.39 | 45.33 0.66 -5.96 | 41.07 0.33 -4.41 | 38.26 0.18 -2.74 | 30.75 0.47 -2.43 |
| ALTONA_WT_PWR 323606 | 15.00 -1.38 5.14 | 14.84 -1.33 6.33 | 14.19 -1.20 4.33 | 13.99 -1.14 3.60 | 13.94 -1.19 3.82 | 14.98 -1.36 6.30 | 17.47 -1.47 6.86 | 17.39 -1.11 2.87 | 21.86 -1.44 5.03 | 23.10 -1.65 4.70 | 26.83 -1.92 4.27 | 30.36 -1.77 0.00 | 31.49 -1.83 0.00 | 25.50 -1.48 0.00 | 25.21 -1.38 0.00 | 27.66 -1.45 0.00 | 30.68 -1.38 0.00 | 45.96 -2.22 0.00 | 48.97 -2.52 0.00 | 42.18 -2.17 0.00 | 36.97 -1.74 0.00 | 34.77 -1.56 0.00 | 34.00 -1.34 0.00 | 26.65 -1.20 0.00 |
| AMERICAN_REF_FUEL 24010 | 21.84 -0.77 -1.10 | 22.44 -0.81 -0.75 | 20.07 -0.59 -0.94 | 19.07 -0.56 -0.90 | 19.45 -0.55 -1.05 | 22.25 -0.75 -0.36 | 24.58 -1.68 -0.45 | 21.11 -1.47 -1.22 | 28.10 -1.73 -1.49 | 29.26 -1.80 -1.60 | 35.06 -2.28 -4.32 | 33.56 -2.54 -3.98 | 33.55 -2.70 -2.92 | 28.08 -2.35 -3.44 | 27.86 -2.23 -3.50 | 30.27 -2.10 -3.26 | 34.70 -2.57 -5.20 | 49.70 -3.56 -5.08 | 51.67 -3.81 -3.98 | 44.61 -3.68 -3.94 | 40.46 -3.60 -5.34 | 36.73 -3.56 -3.95 | 34.44 -3.36 -2.45 | 27.97 -2.06 -2.18 |
| ARTHUR_KILL_GT_1 23520 | 31.24 2.20 -7.53 | 30.21 2.32 -5.39 | 28.19 2.03 -6.44 | 26.71 1.89 -6.08 | 27.98 1.91 -7.11 | 27.68 2.17 -2.87 | 31.78 2.48 -3.51 | 31.72 2.26 -8.09 | 42.17 3.12 -10.72 | 44.15 3.24 -11.46 | 67.16 4.06 -30.09 | 63.37 3.92 -27.32 | 57.36 3.96 -20.07 | 53.91 3.26 -23.66 | 53.92 3.30 -24.02 | 55.16 3.64 -22.41 | 71.76 3.94 -35.76 | 89.32 6.22 -34.92 | 85.55 6.69 -27.36 | 77.32 5.81 -27.16 | 80.52 4.96 -36.85 | 68.12 4.54 -27.25 | 56.59 4.31 -16.94 | 46.16 3.26 -15.05 |
| ARTHUR_KILL_2 23512 | 31.24 2.20 -7.53 | 30.21 2.32 -5.39 | 28.19 2.03 -6.44 | 26.71 1.89 -6.08 | 27.98 1.91 -7.11 | 27.68 2.17 -2.87 | 31.78 2.48 -3.51 | 31.72 2.26 -8.09 | 42.17 3.12 -10.72 | 44.15 3.24 -11.46 | 67.16 4.06 -30.09 | 63.37 3.92 -27.32 | 57.36 3.96 -20.07 | 53.91 3.26 -23.66 | 53.92 3.30 -24.02 | 55.16 3.64 -22.41 | 71.76 3.94 -35.76 | 89.32 6.22 -34.92 | 85.55 6.69 -27.36 | 77.32 5.81 -27.16 | 80.52 4.96 -36.85 | 68.12 4.54 -27.25 | 56.59 4.31 -16.94 | 46.16 3.26 -15.05 |
| ARTHUR_KILL_3 23513 | 31.25 2.22 -7.52 | 30.22 2.34 -5.38 | 28.24 2.09 -6.43 | 26.76 1.95 -6.07 | 28.01 1.95 -7.10 | 27.82 2.31 -2.87 | 32.08 2.76 -3.51 | 31.94 2.48 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 54.00 3.38 -24.03 | 55.26 3.73 -22.42 | 71.80 3.97 -35.77 | 89.28 6.17 -34.93 | 85.46 6.59 -27.37 | 77.28 5.76 -27.16 | 80.53 4.96 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.12 3.23 -15.04 |
| ASHOKAN____ 23654 | 30.96 1.46 -7.98 | 29.74 1.53 -5.71 | 27.90 1.36 -6.82 | 26.46 1.27 -6.44 | 27.78 1.29 -7.54 | 27.11 1.43 -3.05 | 31.05 1.52 -3.73 | 31.22 1.26 -8.59 | 41.49 2.01 -11.15 | 43.90 2.53 -11.92 | 67.01 2.71 -31.29 | 63.26 2.73 -28.41 | 56.99 2.80 -20.87 | 53.59 2.00 -24.60 | 53.57 2.00 -24.97 | 54.47 2.07 -23.30 | 71.77 2.53 -37.18 | 88.10 3.62 -36.31 | 83.81 3.86 -28.45 | 75.96 3.37 -28.23 | 79.85 2.82 -38.31 | 67.10 2.43 -28.33 | 55.24 2.30 -17.60 | 45.15 1.67 -15.64 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.21 2.14 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.61 4.15 -27.33 | 57.60 4.20 -20.08 | 54.20 3.53 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.43 6.31 -34.94 | 85.62 6.74 -27.38 | 77.38 5.85 -27.17 | 80.65 5.07 -36.87 | 68.29 4.69 -27.27 | 56.73 4.45 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.61 4.15 -27.33 | 57.60 4.20 -20.08 | 54.20 3.53 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.43 6.31 -34.94 | 85.62 6.74 -27.38 | 77.38 5.85 -27.17 | 80.65 5.07 -36.87 | 68.29 4.69 -27.27 | 56.73 4.45 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT2_1 24094 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT2_2 24095 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT2_3 24096 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_4 24097 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT3_1 24098 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT3_2 24099 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT3_3 24100 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT3_4 24101 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT4_1 24102 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT4_2 24103 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT4_3 24104 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT4_4 24105 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT_1 23523 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT_10 24110 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| ASTORIA_GT_11 24225 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| ASTORIA_GT_12 24226 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| ASTORIA_GT_13 24227 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| ASTORIA_GT_5 24106 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |

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|----------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| ASTORIA_GT_7 24107 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA_GT_8 24108 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA___2 24149 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA___3 23516 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| ASTORIA___4 23517 | 31.49 2.45 -7.53 | 30.45 2.56 -5.39 | 28.45 2.29 -6.44 | 26.96 2.14 -6.08 | 28.22 2.16 -7.11 | 28.05 2.53 -2.88 | 32.24 2.91 -3.52 | 32.17 2.69 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.35 4.23 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.23 3.56 -23.68 | 54.20 3.57 -24.04 | 55.37 3.84 -22.42 | 71.98 4.14 -35.78 | 89.48 6.36 -34.94 | 85.62 6.74 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.41 3.51 -15.05 |
| ASTORIA___5 23518 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| AST_ENERGY_2_CC3 323677 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 54.00 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.32 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| AST_ENERGY_2_CC4 323678 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 54.00 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.32 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| ATHENS_STG_1 23668 | 31.26 1.40 -8.35 | 29.94 1.46 -5.98 | 28.16 1.30 -7.14 | 26.70 1.22 -6.75 | 28.08 1.23 -7.89 | 27.27 1.45 -3.19 | 31.38 1.68 -3.90 | 31.81 1.45 -8.99 | 42.06 2.10 -11.63 | 44.03 2.15 -12.43 | 68.16 2.51 -32.63 | 64.20 2.44 -29.63 | 57.59 2.50 -21.77 | 54.68 2.03 -25.66 | 54.67 2.02 -26.05 | 55.65 2.24 -24.30 | 73.25 2.41 -38.79 | 89.71 3.66 -37.87 | 85.08 3.91 -29.67 | 77.17 3.37 -29.45 | 81.58 2.90 -39.97 | 68.61 2.73 -29.55 | 56.31 2.62 -18.36 | 46.14 1.98 -16.31 |
| ATHENS_STG_2 23670 | 31.26 1.40 -8.35 | 29.94 1.46 -5.98 | 28.16 1.30 -7.14 | 26.70 1.22 -6.75 | 28.08 1.23 -7.89 | 27.27 1.45 -3.19 | 31.38 1.68 -3.90 | 31.81 1.45 -8.99 | 42.06 2.10 -11.63 | 44.03 2.15 -12.43 | 68.16 2.51 -32.63 | 64.20 2.44 -29.63 | 57.59 2.50 -21.77 | 54.68 2.03 -25.66 | 54.67 2.02 -26.05 | 55.65 2.24 -24.30 | 73.25 2.41 -38.79 | 89.71 3.66 -37.87 | 85.08 3.91 -29.67 | 77.17 3.37 -29.45 | 81.58 2.90 -39.97 | 68.61 2.73 -29.55 | 56.31 2.62 -18.36 | 46.14 1.98 -16.31 |
| ATHENS_STG_3 23677 | 31.26 1.40 -8.35 | 29.94 1.46 -5.98 | 28.16 1.30 -7.14 | 26.70 1.22 -6.75 | 28.08 1.23 -7.89 | 27.27 1.45 -3.19 | 31.38 1.68 -3.90 | 31.81 1.45 -8.99 | 42.06 2.10 -11.63 | 44.03 2.15 -12.43 | 68.16 2.51 -32.63 | 64.20 2.44 -29.63 | 57.59 2.50 -21.77 | 54.68 2.03 -25.66 | 54.67 2.02 -26.05 | 55.65 2.24 -24.30 | 73.25 2.41 -38.79 | 89.71 3.66 -37.87 | 85.08 3.91 -29.67 | 77.17 3.37 -29.45 | 81.58 2.90 -39.97 | 68.61 2.73 -29.55 | 56.31 2.62 -18.36 | 46.14 1.98 -16.31 |
| AUBURN___LFGE 323710 | 22.76 0.39 -0.86 | 23.45 0.38 -0.57 | 20.78 0.31 -0.74 | 19.76 0.32 -0.71 | 20.13 0.34 -0.83 | 23.33 0.45 -0.25 | 26.69 0.57 -0.32 | 22.81 0.47 -0.98 | 30.03 0.51 -1.18 | 31.26 0.53 -1.28 | 37.08 0.56 -3.51 | 35.99 0.61 -3.26 | 36.32 0.60 -2.39 | 30.21 0.41 -2.82 | 29.75 0.29 -2.86 | 32.19 0.41 -2.67 | 36.77 0.45 -4.26 | 53.40 1.06 -4.16 | 55.89 1.13 -3.26 | 48.28 0.75 -3.18 | 43.60 0.58 -4.31 | 39.96 0.44 -3.19 | 37.64 0.32 -1.98 | 29.94 0.34 -1.76 |
| BABYLON_RES_REC 323704 | 35.58 2.84 -11.22 | 30.85 2.95 -5.41 | 28.81 2.64 -6.45 | 27.29 2.47 -6.08 | 28.57 2.50 -7.11 | 28.46 2.94 -2.88 | 32.76 3.43 -3.53 | 39.46 2.97 -15.12 | 43.48 4.25 -10.90 | 45.47 4.42 -11.61 | 78.19 5.18 -40.00 | 75.81 4.98 -38.71 | 70.96 5.10 -32.54 | 67.91 4.15 -36.77 | 74.08 4.12 -43.36 | 75.95 4.60 -42.25 | 101.66 4.91 -64.70 | 106.15 7.66 -50.31 | 112.58 8.24 -52.84 | 104.95 7.09 -53.50 | 103.09 6.08 -58.30 | 103.02 5.59 -61.09 | 76.03 5.55 -35.13 | 54.43 4.21 -22.37 |
| BARRETT_IC_1 23704 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_10 23701 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.08 4.52 -84.54 | 126.35 4.31 -89.92 | 126.35 4.40 -88.63 | 126.35 3.62 -95.75 | 126.35 3.59 -96.17 | 126.35 3.96 -93.29 | 134.43 4.23 -98.14 | 135.56 6.50 -80.88 | 226.13 7.06 -167.58 | 134.43 6.08 -84.00 | 134.43 5.22 -90.49 | 134.43 4.80 -93.30 | 122.08 4.84 -81.90 | 122.09 3.68 -90.56 |

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|---------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| BARRETT_IC_11 23702 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.08 4.52 -84.54 | 126.35 4.31 -89.92 | 126.35 4.40 -88.63 | 126.35 3.62 -95.75 | 126.35 3.59 -96.17 | 126.35 3.96 -93.29 | 134.43 4.23 -98.14 | 135.56 6.50 -80.88 | 226.13 7.06 -167.58 | 134.43 6.08 -84.00 | 134.43 5.22 -90.49 | 134.43 4.80 -93.30 | 122.08 4.84 -81.90 | 122.09 3.68 -90.56 |
| BARRETT_IC_12 23703 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.08 4.52 -84.54 | 126.35 4.31 -89.92 | 126.35 4.40 -88.63 | 126.35 3.62 -95.75 | 126.35 3.59 -96.17 | 126.35 3.96 -93.29 | 134.43 4.23 -98.14 | 135.56 6.50 -80.88 | 226.13 7.06 -167.58 | 134.43 6.08 -84.00 | 134.43 5.22 -90.49 | 134.43 4.80 -93.30 | 122.08 4.84 -81.90 | 122.09 3.68 -90.56 |
| BARRETT_IC_2 23705 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_3 23706 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_4 23707 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_5 23708 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_6 23709 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_7 23710 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_8 23711 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT_IC_9 23700 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.08 4.52 -84.54 | 126.35 4.31 -89.92 | 126.35 4.40 -88.63 | 126.35 3.62 -95.75 | 126.35 3.59 -96.17 | 126.35 3.96 -93.29 | 134.43 4.23 -98.14 | 135.56 6.50 -80.88 | 226.13 7.06 -167.58 | 134.43 6.08 -84.00 | 134.43 5.22 -90.49 | 134.43 4.80 -93.30 | 122.08 4.84 -81.90 | 122.09 3.68 -90.56 |
| BARRETT___1 23545 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.07 4.52 -84.53 | 126.34 4.31 -89.91 | 126.34 4.40 -88.62 | 126.34 3.62 -95.74 | 126.34 3.59 -96.15 | 126.34 3.96 -93.27 | 134.42 4.23 -98.13 | 135.55 6.50 -80.87 | 226.11 7.06 -167.55 | 134.42 6.08 -83.99 | 134.42 5.22 -90.49 | 134.42 4.80 -93.29 | 122.07 4.84 -81.88 | 122.07 3.68 -90.55 |
| BARRETT___2 23546 | 35.34 2.60 -11.22 | 30.60 2.70 -5.40 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.22 2.74 -15.12 | 43.03 3.80 -10.90 | 46.24 3.95 -12.84 | 122.08 4.52 -84.54 | 126.35 4.31 -89.92 | 126.35 4.40 -88.63 | 126.35 3.62 -95.75 | 126.35 3.59 -96.17 | 126.35 3.96 -93.29 | 134.43 4.23 -98.14 | 135.56 6.50 -80.88 | 226.13 7.06 -167.58 | 134.43 6.08 -84.00 | 134.43 5.22 -90.49 | 134.43 4.80 -93.30 | 122.08 4.84 -81.90 | 122.09 3.68 -90.56 |
| BAYONEEC___CTG1 323682 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG2 323683 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG3 323684 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG4 323685 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG5 323686 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG6 323687 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG7 323688 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BAYONEEC___CTG8 323689 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| BEACON___LESR 323632 | 32.42 1.36 -9.55 | 30.73 1.40 -6.84 | 29.11 1.22 -8.17 | 27.62 1.16 -7.72 | 29.17 1.19 -9.03 | 27.73 1.45 -3.65 | 31.73 1.47 -4.46 | 32.85 1.20 -10.28 | 43.31 1.79 -13.19 | 45.44 1.89 -14.10 | 72.17 2.14 -37.02 | 67.83 2.09 -33.61 | 60.18 2.16 -24.69 | 57.80 1.70 -29.11 | 57.82 1.68 -29.55 | 58.54 1.86 -27.56 | 78.10 2.05 -43.99 | 94.37 3.23 -42.96 | 88.60 3.45 -33.66 | 80.69 2.93 -33.41 | 86.56 2.51 -45.33 | 72.18 2.33 -33.52 | 58.39 2.23 -20.82 | 47.99 1.64 -18.50 |
| BEAVER RIVER___HYD 24048 | 19.41 -0.54 1.57 | 20.02 -0.54 1.93 | 17.89 -0.51 1.32 | 17.19 -0.45 1.10 | 17.35 -0.44 1.17 | 20.30 -0.41 1.93 | 23.27 -0.44 2.10 | 20.26 -0.23 0.88 | 26.26 -0.54 1.54 | 27.54 -0.47 1.44 | 31.18 -0.53 1.31 | 31.55 -0.58 0.00 | 32.72 -0.60 0.00 | 26.53 -0.46 0.00 | 26.12 -0.48 0.00 | 28.44 -0.67 0.00 | 31.51 -0.55 0.00 | 47.60 -0.58 0.00 | 50.88 -0.62 0.00 | 43.69 -0.66 0.00 | 38.13 -0.58 0.00 | 35.82 -0.51 0.00 | 34.88 -0.46 0.00 | 27.46 -0.39 0.00 |
| BEEBEE_GT_13 23619 | 22.17 -0.19 -0.85 | 22.82 -0.25 -0.57 | 20.27 -0.18 -0.73 | 19.28 -0.15 -0.69 | 19.64 -0.13 -0.82 | 22.76 -0.13 -0.26 | 25.77 -0.36 -0.33 | 21.96 -0.36 -0.95 | 29.32 -0.17 -1.16 | 30.37 -0.32 -1.25 | 35.94 -0.46 -3.39 | 34.65 -0.61 -3.13 | 34.92 -0.70 -2.30 | 29.03 -0.67 -2.71 | 28.71 -0.64 -2.75 | 31.30 -0.38 -2.57 | 35.48 -0.67 -4.10 | 51.55 -0.63 -4.00 | 54.02 -0.62 -3.14 | 46.65 -0.80 -3.10 | 41.99 -0.93 -4.20 | 38.39 -1.05 -3.11 | 36.18 -1.10 -1.93 | 28.98 -0.59 -1.72 |
| BETHLEHEM___GRP 23843 | 32.19 1.08 -9.60 | 30.47 1.10 -6.87 | 28.91 0.99 -8.21 | 27.43 0.94 -7.75 | 28.97 0.95 -9.07 | 27.45 1.15 -3.67 | 31.29 1.01 -4.49 | 32.49 0.79 -10.33 | 42.82 1.25 -13.24 | 44.87 1.27 -14.16 | 71.67 1.49 -37.17 | 67.29 1.41 -33.75 | 59.58 1.46 -24.79 | 57.40 1.19 -29.23 | 57.41 1.14 -29.67 | 58.10 1.31 -27.68 | 77.64 1.41 -44.17 | 93.49 2.17 -43.14 | 87.61 2.32 -33.80 | 79.85 1.95 -33.55 | 85.89 1.66 -45.52 | 71.56 1.56 -33.66 | 57.73 1.48 -20.91 | 47.51 1.08 -18.58 |
| BETHLEHEM___GS1 323560 | 32.19 1.08 -9.60 | 30.47 1.10 -6.87 | 28.91 0.99 -8.21 | 27.43 0.94 -7.75 | 28.97 0.95 -9.07 | 27.45 1.15 -3.67 | 31.29 1.01 -4.49 | 32.49 0.79 -10.33 | 42.82 1.25 -13.24 | 44.87 1.27 -14.16 | 71.67 1.49 -37.17 | 67.29 1.41 -33.75 | 59.58 1.46 -24.79 | 57.40 1.19 -29.23 | 57.41 1.14 -29.67 | 58.10 1.31 -27.68 | 77.64 1.41 -44.17 | 93.49 2.17 -43.14 | 87.61 2.32 -33.80 | 79.85 1.95 -33.55 | 85.89 1.66 -45.52 | 71.56 1.56 -33.66 | 57.73 1.48 -20.91 | 47.51 1.08 -18.58 |
| BETHLEHEM___GS2 323561 | 32.19 1.08 -9.60 | 30.47 1.10 -6.87 | 28.91 0.99 -8.21 | 27.43 0.94 -7.75 | 28.97 0.95 -9.07 | 27.45 1.15 -3.67 | 31.29 1.01 -4.49 | 32.49 0.79 -10.33 | 42.82 1.25 -13.24 | 44.87 1.27 -14.16 | 71.67 1.49 -37.17 | 67.29 1.41 -33.75 | 59.58 1.46 -24.79 | 57.40 1.19 -29.23 | 57.41 1.14 -29.67 | 58.10 1.31 -27.68 | 77.64 1.41 -44.17 | 93.49 2.17 -43.14 | 87.61 2.32 -33.80 | 79.85 1.95 -33.55 | 85.89 1.66 -45.52 | 71.56 1.56 -33.66 | 57.73 1.48 -20.91 | 47.51 1.08 -18.58 |
| BETHLEHEM___GS3 323562 | 32.19 1.08 -9.60 | 30.47 1.10 -6.87 | 28.91 0.99 -8.21 | 27.43 0.94 -7.75 | 28.97 0.95 -9.07 | 27.45 1.15 -3.67 | 31.29 1.01 -4.49 | 32.49 0.79 -10.33 | 42.82 1.25 -13.24 | 44.87 1.27 -14.16 | 71.67 1.49 -37.17 | 67.29 1.41 -33.75 | 59.58 1.46 -24.79 | 57.40 1.19 -29.23 | 57.41 1.14 -29.67 | 58.10 1.31 -27.68 | 77.64 1.41 -44.17 | 93.49 2.17 -43.14 | 87.61 2.32 -33.80 | 79.85 1.95 -33.55 | 85.89 1.66 -45.52 | 71.56 1.56 -33.66 | 57.73 1.48 -20.91 | 47.51 1.08 -18.58 |
| BETHLEHEM___STEEL 23779 | 22.63 -0.06 -1.18 | 23.22 -0.09 -0.81 | 20.75 0.02 -1.01 | 19.72 0.02 -0.96 | 20.12 0.04 -1.13 | 23.03 0.00 -0.39 | 25.78 -0.52 -0.49 | 22.21 -0.47 -1.31 | 29.65 -0.28 -1.60 | 30.85 -0.32 -1.72 | 37.02 -0.63 -4.63 | 35.42 -0.96 -4.26 | 35.38 -1.07 -3.13 | 29.62 -1.05 -3.69 | 29.39 -0.96 -3.74 | 31.96 -0.64 -3.49 | 36.64 -0.99 -5.57 | 52.56 -1.06 -5.44 | 54.63 -1.13 -4.27 | 47.19 -1.38 -4.22 | 42.81 -1.62 -5.72 | 38.82 -1.74 -4.23 | 36.31 -1.66 -2.63 | 29.43 -0.75 -2.34 |
| BETHPAGE_CC_5 323564 | 35.52 2.78 -11.22 | 30.77 2.86 -5.41 | 28.75 2.58 -6.45 | 27.24 2.42 -6.08 | 28.51 2.45 -7.11 | 28.39 2.87 -2.88 | 32.66 3.33 -3.53 | 39.40 2.91 -15.12 | 43.37 4.14 -10.90 | 45.38 4.30 -11.64 | 78.98 5.02 -40.95 | 76.75 4.82 -39.81 | 72.00 4.93 -33.74 | 69.04 4.02 -38.04 | 74.77 3.99 -44.18 | 76.56 4.45 -42.99 | 101.99 4.74 -65.19 | 106.30 7.37 -50.75 | 114.78 7.98 -55.31 | 105.18 6.87 -53.95 | 103.36 5.88 -58.77 | 103.31 5.41 -61.56 | 76.53 5.37 -35.82 | 55.75 4.07 -23.84 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 22.76 0.04 -1.20 | 23.34 0.02 -0.82 | 20.87 0.12 -1.03 | 19.83 0.11 -0.98 | 20.23 0.13 -1.15 | 23.15 0.11 -0.40 | 25.96 -0.34 -0.50 | 22.38 -0.32 -1.33 | 29.90 -0.06 -1.63 | 31.08 -0.12 -1.75 | 37.32 -0.39 -4.70 | 35.74 -0.71 -4.32 | 35.70 -0.80 -3.17 | 29.87 -0.86 -3.74 | 29.65 -0.74 -3.80 | 32.25 -0.41 -3.54 | 36.94 -0.77 -5.66 | 53.03 -0.67 -5.52 | 55.10 -0.72 -4.33 | 47.61 -1.02 -4.28 | 43.16 -1.36 -5.80 | 39.17 -1.45 -4.29 | 36.59 -1.41 -2.67 | 29.66 -0.56 -2.37 |

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|-------------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 24.42 0.54 -2.37 | 24.73 0.56 -1.66 | 22.26 0.51 -2.03 | 21.15 0.49 -1.92 | 21.70 0.49 -2.25 | 24.07 0.59 -0.85 | 27.52 0.67 -1.05 | 24.51 0.55 -2.59 | 32.25 0.74 -3.19 | 33.57 0.71 -3.41 | 42.80 0.73 -9.06 | 41.08 0.68 -8.28 | 40.10 0.70 -6.08 | 34.64 0.49 -7.17 | 34.33 0.45 -7.28 | 36.54 0.64 -6.79 | 43.47 0.58 -10.83 | 59.91 1.15 -10.58 | 61.12 1.34 -8.29 | 53.54 0.97 -8.21 | 50.58 0.73 -11.14 | 45.15 0.58 -8.24 | 40.95 0.49 -5.12 | 33.01 0.61 -4.55 |
| BLACK RIVER___HYD 24047 | 20.33 -0.37 0.82 | 20.98 -0.36 1.15 | 18.66 -0.38 0.68 | 17.90 -0.30 0.54 | 18.14 -0.27 0.55 | 21.21 -0.18 1.24 | 24.31 -0.15 1.34 | 21.04 -0.02 0.31 | 27.50 -0.14 0.69 | 28.73 -0.12 0.60 | 33.05 -0.13 -0.16 | 32.85 -0.26 -0.98 | 33.78 -0.27 -0.72 | 27.62 -0.22 -0.85 | 27.19 -0.27 -0.86 | 29.62 -0.29 -0.80 | 33.15 -0.19 -1.28 | 49.48 0.05 -1.25 | 52.53 0.05 -0.98 | 45.24 -0.09 -0.98 | 39.92 -0.12 -1.33 | 37.17 -0.14 -0.98 | 35.74 -0.21 -0.61 | 28.20 -0.19 -0.54 |
| BLISS_WT_PWR 323608 | 23.28 0.50 -1.27 | 23.89 0.52 -0.88 | 21.36 0.55 -1.09 | 20.32 0.54 -1.04 | 20.72 0.55 -1.22 | 23.69 0.63 -0.43 | 26.75 0.41 -0.53 | 23.07 0.30 -1.41 | 30.71 0.65 -1.73 | 32.07 0.76 -1.85 | 38.55 0.56 -4.98 | 36.86 0.16 -4.57 | 36.82 0.13 -3.36 | 30.84 -0.11 -3.96 | 30.59 -0.03 -4.02 | 33.12 0.26 -3.75 | 38.11 0.06 -5.98 | 54.70 0.67 -5.84 | 56.79 0.72 -4.58 | 49.10 0.22 -4.52 | 44.58 -0.27 -6.14 | 40.44 -0.43 -4.54 | 37.67 -0.49 -2.82 | 30.60 0.25 -2.50 |
| BLUE_CIRC_CHEM_DRP 24182 | 32.14 1.16 -9.47 | 30.49 1.21 -6.78 | 28.88 1.06 -8.09 | 27.40 1.01 -7.65 | 28.92 1.02 -8.94 | 27.47 1.22 -3.62 | 31.49 1.26 -4.42 | 32.62 1.07 -10.19 | 42.99 1.59 -13.07 | 45.04 1.62 -13.98 | 71.58 1.88 -36.69 | 67.24 1.80 -33.31 | 59.66 1.86 -24.47 | 57.35 1.51 -28.85 | 57.37 1.49 -29.29 | 58.09 1.66 -27.32 | 77.45 1.79 -43.60 | 93.45 2.70 -42.58 | 87.74 2.88 -33.36 | 79.95 2.48 -33.11 | 85.77 2.13 -44.93 | 71.55 2.00 -33.22 | 57.89 1.91 -20.64 | 47.63 1.45 -18.34 |
| BOC_GAS_DRP 24189 | 32.23 1.12 -9.59 | 30.54 1.17 -6.87 | 28.95 1.02 -8.20 | 27.46 0.97 -7.75 | 29.02 1.00 -9.06 | 27.48 1.18 -3.67 | 31.55 1.26 -4.48 | 32.76 1.07 -10.33 | 43.12 1.56 -13.23 | 45.21 1.62 -14.14 | 71.99 1.85 -37.12 | 67.64 1.80 -33.71 | 59.95 1.86 -24.76 | 57.66 1.48 -29.19 | 57.70 1.46 -29.64 | 58.41 1.66 -27.65 | 77.94 1.76 -44.12 | 93.91 2.65 -43.08 | 88.08 2.83 -33.76 | 80.30 2.44 -33.51 | 86.30 2.13 -45.46 | 71.91 1.96 -33.62 | 58.13 1.91 -20.88 | 47.82 1.42 -18.56 |
| BORALEX_4TH_BRANCH 23824 | 32.89 1.61 -9.76 | 31.05 1.60 -6.95 | 29.47 1.40 -8.35 | 28.00 1.37 -7.89 | 29.59 1.40 -9.24 | 28.09 1.79 -3.67 | 32.34 2.04 -4.50 | 33.68 1.77 -10.54 | 44.37 2.55 -13.49 | 46.47 2.59 -14.43 | 73.84 2.84 -37.99 | 69.38 2.70 -34.55 | 61.54 2.83 -25.38 | 59.20 2.29 -29.92 | 59.18 2.21 -30.37 | 59.95 2.50 -28.33 | 79.97 2.69 -45.22 | 96.48 4.14 -44.16 | 90.47 4.37 -34.60 | 82.33 3.64 -34.34 | 88.44 3.13 -46.60 | 73.73 2.94 -34.46 | 59.71 2.97 -21.40 | 49.15 2.28 -19.02 |
| BOWLINE___1 23526 | 30.65 1.83 -7.30 | 29.62 1.89 -5.23 | 27.64 1.68 -6.24 | 26.19 1.55 -5.90 | 27.41 1.55 -6.90 | 27.26 1.83 -2.79 | 31.40 2.19 -3.41 | 31.19 1.96 -7.86 | 41.68 2.86 -10.49 | 43.58 2.92 -11.22 | 65.92 3.47 -29.44 | 62.23 3.37 -26.73 | 56.46 3.50 -19.64 | 52.95 2.81 -23.15 | 52.92 2.82 -23.50 | 54.18 3.14 -21.92 | 70.38 3.33 -34.99 | 87.60 5.25 -34.17 | 83.93 5.66 -26.77 | 75.80 4.88 -26.57 | 78.95 4.18 -36.05 | 66.81 3.81 -26.66 | 55.51 3.61 -16.56 | 45.29 2.73 -14.71 |
| BOWLINE___2 23595 | 30.65 1.83 -7.30 | 29.62 1.89 -5.23 | 27.64 1.68 -6.24 | 26.19 1.55 -5.90 | 27.41 1.55 -6.90 | 27.26 1.83 -2.79 | 31.40 2.19 -3.41 | 31.19 1.96 -7.86 | 41.68 2.86 -10.49 | 43.58 2.92 -11.22 | 65.92 3.47 -29.44 | 62.23 3.37 -26.73 | 56.46 3.50 -19.64 | 52.95 2.81 -23.15 | 52.92 2.82 -23.50 | 54.18 3.14 -21.92 | 70.38 3.33 -34.99 | 87.60 5.25 -34.17 | 83.93 5.66 -26.77 | 75.80 4.88 -26.57 | 78.95 4.18 -36.05 | 66.81 3.81 -26.66 | 55.54 3.64 -16.56 | 45.29 2.73 -14.71 |
| BROOKHAVEN___DRP 24191 | 35.86 3.12 -11.23 | 31.15 3.24 -5.41 | 29.07 2.90 -6.45 | 27.52 2.70 -6.08 | 28.80 2.73 -7.11 | 28.73 3.21 -2.88 | 33.07 3.74 -3.53 | 39.76 3.27 -15.12 | 43.99 4.76 -10.90 | 45.92 4.95 -11.53 | 75.98 5.84 -37.12 | 73.19 5.66 -35.41 | 68.04 5.80 -28.92 | 64.67 4.72 -32.96 | 71.56 4.68 -40.28 | 73.66 5.24 -39.32 | 100.49 5.64 -62.78 | 105.55 8.82 -48.55 | 106.47 9.53 -45.44 | 104.22 8.12 -51.75 | 102.13 6.97 -56.45 | 101.98 6.40 -59.25 | 74.09 6.29 -32.45 | 50.58 4.76 -17.98 |
| BROOKLYN_NAVY_YARD 23515 | 31.18 2.15 -7.52 | 30.11 2.23 -5.38 | 28.12 1.97 -6.43 | 26.63 1.82 -6.07 | 27.88 1.82 -7.10 | 27.66 2.15 -2.87 | 31.89 2.58 -3.51 | 31.82 2.35 -8.10 | 42.31 3.26 -10.72 | 44.24 3.33 -11.47 | 67.10 3.99 -30.10 | 63.34 3.89 -27.32 | 57.39 4.00 -20.07 | 53.89 3.24 -23.67 | 53.90 3.27 -24.03 | 55.14 3.61 -22.42 | 71.71 3.88 -35.77 | 89.18 6.07 -34.93 | 85.35 6.49 -27.37 | 77.19 5.68 -27.16 | 80.41 4.84 -36.86 | 68.02 4.43 -27.26 | 56.55 4.27 -16.93 | 46.09 3.20 -15.04 |
| BROOKLYN___ARMY_DRP 323595 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| BROOME_2_LFGE 323671 | 24.42 0.54 -2.37 | 24.73 0.56 -1.66 | 22.26 0.51 -2.03 | 21.15 0.49 -1.92 | 21.70 0.49 -2.25 | 24.07 0.59 -0.85 | 27.52 0.67 -1.05 | 24.51 0.55 -2.59 | 32.25 0.74 -3.19 | 33.57 0.71 -3.41 | 42.80 0.73 -9.06 | 41.08 0.68 -8.28 | 40.10 0.70 -6.08 | 34.64 0.49 -7.17 | 34.33 0.45 -7.28 | 36.54 0.64 -6.79 | 43.47 0.58 -10.83 | 59.91 1.15 -10.58 | 61.12 1.34 -8.29 | 53.54 0.97 -8.21 | 50.58 0.73 -11.14 | 45.15 0.58 -8.24 | 40.95 0.49 -5.12 | 33.01 0.61 -4.55 |
| BROOME___LFGE 323600 | 24.42 0.54 -2.37 | 24.73 0.56 -1.66 | 22.26 0.51 -2.03 | 21.15 0.49 -1.92 | 21.70 0.49 -2.25 | 24.07 0.59 -0.85 | 27.52 0.67 -1.05 | 24.51 0.55 -2.59 | 32.25 0.74 -3.19 | 33.57 0.71 -3.41 | 42.80 0.73 -9.06 | 41.08 0.68 -8.28 | 40.10 0.70 -6.08 | 34.64 0.49 -7.17 | 34.33 0.45 -7.28 | 36.54 0.64 -6.79 | 43.47 0.58 -10.83 | 59.91 1.15 -10.58 | 61.12 1.34 -8.29 | 53.54 0.97 -8.21 | 50.58 0.73 -11.14 | 45.15 0.58 -8.24 | 40.95 0.49 -5.12 | 33.01 0.61 -4.55 |
| BURROWS___LYONSDAL 23803 | 20.79 0.11 0.84 | 21.58 0.11 1.03 | 19.10 0.08 0.70 | 18.27 0.11 0.59 | 18.46 0.13 0.62 | 21.86 0.25 1.02 | 25.00 0.31 1.12 | 21.24 0.34 0.47 | 27.80 0.28 0.82 | 29.10 0.41 0.76 | 32.78 0.46 0.69 | 32.48 0.35 0.00 | 33.69 0.37 0.00 | 27.28 0.30 0.00 | 26.86 0.27 0.00 | 29.31 0.21 0.00 | 32.44 0.39 0.00 | 49.00 0.82 0.00 | 52.42 0.93 0.00 | 45.02 0.67 0.00 | 39.29 0.58 0.00 | 36.84 0.51 0.00 | 35.80 0.46 0.00 | 28.18 0.34 0.00 |
| CAITHNESS_CC_1 323624 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.70 3.20 -15.12 | 43.88 4.65 -10.90 | 45.83 4.86 -11.53 | 75.84 5.71 -37.12 | 73.05 5.53 -35.40 | 67.93 5.70 -28.91 | 64.55 4.61 -32.95 | 71.47 4.60 -40.27 | 73.54 5.12 -39.31 | 100.32 5.48 -62.78 | 105.35 8.62 -48.55 | 106.18 9.27 -45.42 | 104.04 7.94 -51.75 | 101.98 6.82 -56.45 | 101.79 6.21 -59.24 | 73.94 6.15 -32.45 | 50.46 4.65 -17.96 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| CALPINE BETH_PAGE_GT4 24209 | 35.49 2.75 -11.22 | 30.76 2.86 -5.41 | 28.75 2.58 -6.45 | 27.24 2.42 -6.08 | 28.49 2.43 -7.11 | 28.37 2.85 -2.88 | 32.66 3.33 -3.53 | 39.37 2.88 -15.12 | 43.37 4.14 -10.90 | 45.40 4.27 -11.68 | 80.58 4.99 -42.58 | 78.59 4.79 -41.68 | 74.04 4.93 -35.79 | 71.20 4.02 -40.19 | 76.40 3.99 -45.82 | 78.09 4.45 -44.53 | 102.99 4.74 -66.19 | 107.22 7.37 -51.67 | 118.97 7.98 -59.49 | 106.04 6.83 -54.86 | 104.33 5.88 -59.74 | 104.28 5.41 -62.53 | 77.90 5.34 -37.22 | 58.24 4.07 -26.33 |
| CALPINE_BETH_PAGE_GT_4 323586 | 35.49 2.75 -11.22 | 30.76 2.86 -5.41 | 28.75 2.58 -6.45 | 27.24 2.42 -6.08 | 28.49 2.43 -7.11 | 28.37 2.85 -2.88 | 32.66 3.33 -3.53 | 39.37 2.88 -15.12 | 43.37 4.14 -10.90 | 45.40 4.27 -11.68 | 80.58 4.99 -42.58 | 78.59 4.79 -41.68 | 74.04 4.93 -35.79 | 71.20 4.02 -40.19 | 76.40 3.99 -45.82 | 78.09 4.45 -44.53 | 102.99 4.74 -66.19 | 107.22 7.37 -51.67 | 118.97 7.98 -59.49 | 106.04 6.83 -54.86 | 104.33 5.88 -59.74 | 104.28 5.41 -62.53 | 77.90 5.34 -37.22 | 58.24 4.07 -26.33 |
| CALPINE_BP_GT1 23823 | 35.49 2.75 -11.22 | 30.76 2.86 -5.41 | 28.75 2.58 -6.45 | 27.24 2.42 -6.08 | 28.49 2.43 -7.11 | 28.37 2.85 -2.88 | 32.66 3.33 -3.53 | 39.37 2.88 -15.12 | 43.37 4.14 -10.90 | 45.40 4.27 -11.68 | 80.58 4.99 -42.58 | 78.59 4.79 -41.68 | 74.04 4.93 -35.79 | 71.20 4.02 -40.19 | 76.40 3.99 -45.82 | 78.09 4.45 -44.53 | 102.99 4.74 -66.19 | 107.22 7.37 -51.67 | 118.97 7.98 -59.49 | 106.04 6.83 -54.86 | 104.33 5.88 -59.74 | 104.28 5.41 -62.53 | 77.90 5.34 -37.22 | 58.24 4.07 -26.33 |
| CALSPAN___DRP 24200 | 22.63 -0.06 -1.18 | 23.22 -0.09 -0.81 | 20.75 0.02 -1.01 | 19.72 0.02 -0.96 | 20.12 0.04 -1.13 | 23.03 0.00 -0.39 | 25.78 -0.52 -0.49 | 22.21 -0.47 -1.31 | 29.65 -0.28 -1.60 | 30.85 -0.32 -1.72 | 37.02 -0.63 -4.63 | 35.42 -0.96 -4.26 | 35.38 -1.07 -3.13 | 29.62 -1.05 -3.69 | 29.39 -0.96 -3.74 | 31.96 -0.64 -3.49 | 36.64 -0.99 -5.57 | 52.56 -1.06 -5.44 | 54.63 -1.13 -4.27 | 47.19 -1.38 -4.22 | 42.81 -1.62 -5.72 | 38.82 -1.74 -4.23 | 36.31 -1.66 -2.63 | 29.43 -0.75 -2.34 |
| CANDIGU_WT_PWR 323617 | 23.43 0.32 -1.59 | 23.92 0.31 -1.10 | 21.42 0.33 -1.36 | 20.35 0.32 -1.29 | 20.79 0.32 -1.52 | 23.57 0.38 -0.55 | 26.74 0.26 -0.68 | 23.29 0.17 -1.75 | 30.88 0.40 -2.15 | 32.05 0.29 -2.31 | 39.31 0.13 -6.16 | 37.81 0.03 -5.65 | 37.47 0.00 -4.15 | 31.75 -0.13 -4.89 | 31.41 -0.16 -4.97 | 33.92 0.18 -4.63 | 39.36 -0.10 -7.39 | 55.83 0.43 -7.22 | 57.67 0.51 -5.66 | 50.08 0.13 -5.60 | 46.15 -0.15 -7.59 | 41.62 -0.33 -5.61 | 38.44 -0.39 -3.49 | 31.14 0.20 -3.10 |
| CARR STREET_E_SYR 24060 | 21.95 -0.04 -0.48 | 22.71 -0.07 -0.28 | 20.08 -0.06 -0.41 | 19.10 -0.04 -0.40 | 19.40 -0.04 -0.48 | 22.68 -0.02 -0.07 | 25.89 -0.03 -0.11 | 21.89 -0.06 -0.59 | 28.86 -0.17 -0.69 | 30.03 -0.18 -0.76 | 34.94 -0.27 -2.19 | 33.99 -0.22 -2.09 | 34.63 -0.23 -1.54 | 28.55 -0.24 -1.81 | 28.14 -0.29 -1.84 | 30.53 -0.29 -1.71 | 34.44 -0.35 -2.74 | 50.46 -0.39 -2.67 | 53.18 -0.41 -2.09 | 46.32 -0.22 -2.19 | 41.45 -0.23 -2.96 | 38.23 -0.29 -2.19 | 36.35 -0.35 -1.36 | 28.86 -0.19 -1.21 |
| CARTHAGE___PAPER 23857 | 20.07 -0.45 0.99 | 20.70 -0.45 1.35 | 18.46 -0.43 0.83 | 17.70 -0.37 0.67 | 17.92 -0.34 0.69 | 20.92 -0.29 1.42 | 23.98 -0.28 1.53 | 20.81 -0.13 0.43 | 27.14 -0.31 0.88 | 28.41 -0.27 0.78 | 32.61 -0.30 0.10 | 32.58 -0.38 -0.84 | 33.54 -0.40 -0.62 | 27.39 -0.32 -0.73 | 26.99 -0.35 -0.74 | 29.33 -0.47 -0.69 | 32.80 -0.35 -1.10 | 49.06 -0.19 -1.07 | 52.13 -0.21 -0.84 | 44.88 -0.31 -0.84 | 39.53 -0.31 -1.13 | 36.88 -0.29 -0.84 | 35.55 -0.32 -0.52 | 28.03 -0.28 -0.46 |
| CE_DUNWOOD___DRP 24194 | 31.04 2.02 -7.50 | 29.96 2.09 -5.37 | 27.97 1.83 -6.41 | 26.52 1.72 -6.06 | 27.77 1.72 -7.09 | 27.51 2.01 -2.87 | 31.73 2.42 -3.51 | 31.60 2.16 -8.08 | 42.16 3.12 -10.71 | 44.08 3.18 -11.45 | 66.86 3.79 -30.05 | 63.11 3.69 -27.29 | 57.17 3.80 -20.05 | 53.69 3.08 -23.63 | 53.67 3.08 -23.99 | 54.89 3.40 -22.38 | 71.46 3.69 -35.71 | 88.83 5.78 -34.87 | 85.00 6.18 -27.32 | 76.84 5.36 -27.12 | 80.11 4.60 -36.80 | 67.76 4.21 -27.21 | 56.24 3.99 -16.90 | 45.87 3.01 -15.02 |
| CE_MILLWOOD___DRP 24193 | 30.93 1.94 -7.47 | 29.88 2.03 -5.35 | 27.89 1.78 -6.39 | 26.43 1.65 -6.04 | 27.66 1.65 -7.06 | 27.44 1.95 -2.86 | 31.62 2.32 -3.49 | 31.48 2.07 -8.04 | 42.01 3.00 -10.68 | 43.93 3.06 -11.41 | 66.64 3.66 -29.96 | 62.90 3.57 -27.21 | 56.98 3.67 -19.99 | 53.52 2.97 -23.56 | 53.50 2.98 -23.92 | 54.71 3.29 -22.31 | 71.19 3.53 -35.61 | 88.49 5.54 -34.77 | 84.71 5.97 -27.24 | 76.58 5.19 -27.04 | 79.82 4.41 -36.69 | 67.50 4.03 -27.13 | 56.05 3.85 -16.85 | 45.69 2.87 -14.98 |
| CE_NYC2_DRP 24202 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.42 3.50 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| CE_NYC_DRP 24195 | 31.27 2.24 -7.52 | 30.22 2.34 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.75 2.24 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.43 3.37 -10.72 | 44.39 3.47 -11.47 | 67.30 4.19 -30.10 | 63.54 4.08 -27.33 | 57.57 4.16 -20.08 | 54.06 3.40 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.90 4.07 -35.77 | 89.47 6.36 -34.93 | 85.66 6.80 -27.37 | 77.41 5.90 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.69 4.42 -16.93 | 46.17 3.28 -15.04 |
| CHAFFEE___LFGE 323603 | 22.85 0.11 -1.23 | 23.45 0.11 -0.84 | 20.95 0.18 -1.05 | 19.92 0.19 -1.00 | 20.33 0.21 -1.17 | 23.25 0.20 -0.41 | 26.08 -0.23 -0.51 | 22.49 -0.23 -1.36 | 30.05 0.06 -1.66 | 31.26 0.03 -1.79 | 37.62 -0.20 -4.80 | 35.96 -0.58 -4.41 | 35.90 -0.67 -3.24 | 30.08 -0.73 -3.82 | 29.84 -0.64 -3.88 | 32.44 -0.29 -3.62 | 37.22 -0.61 -5.77 | 53.38 -0.43 -5.64 | 55.45 -0.46 -4.42 | 47.92 -0.80 -4.37 | 43.47 -1.16 -5.92 | 39.41 -1.31 -4.38 | 36.79 -1.27 -2.72 | 29.82 -0.45 -2.42 |
| CHATEAUG_WT_PWR 323614 | 15.00 -1.38 5.14 | 14.82 -1.35 6.33 | 14.19 -1.20 4.33 | 13.99 -1.14 3.60 | 13.94 -1.19 3.82 | 14.95 -1.38 6.30 | 17.44 -1.50 6.86 | 17.35 -1.15 2.87 | 21.79 -1.50 5.04 | 23.07 -1.68 4.70 | 26.79 -1.95 4.27 | 30.33 -1.80 0.00 | 31.46 -1.87 0.00 | 25.48 -1.51 0.00 | 25.19 -1.41 0.00 | 27.59 -1.51 0.00 | 30.62 -1.44 0.00 | 45.87 -2.31 0.00 | 48.87 -2.62 0.00 | 42.09 -2.26 0.00 | 36.89 -1.82 0.00 | 34.70 -1.63 0.00 | 33.89 -1.45 0.00 | 26.62 -1.22 0.00 |
| CHAT_HIGH_FALL_HYD 323578 | 14.99 -1.48 5.04 | 14.83 -1.46 6.21 | 14.17 -1.30 4.25 | 13.97 -1.24 3.53 | 13.91 -1.29 3.75 | 14.98 -1.47 6.18 | 17.47 -1.60 6.73 | 17.32 -1.24 2.81 | 21.75 -1.64 4.94 | 23.01 -1.83 4.61 | 26.74 -2.08 4.19 | 30.17 -1.96 0.00 | 31.32 -2.00 0.00 | 25.37 -1.62 0.00 | 25.08 -1.52 0.00 | 27.45 -1.66 0.00 | 30.52 -1.54 0.00 | 45.72 -2.46 0.00 | 48.66 -2.83 0.00 | 41.96 -2.40 0.00 | 36.74 -1.97 0.00 | 34.59 -1.74 0.00 | 33.79 -1.55 0.00 | 26.51 -1.34 0.00 |
| CHAUTAUQUA___LFGE 323629 | 22.96 0.24 -1.20 | 23.57 0.25 -0.83 | 21.05 0.30 -1.03 | 20.00 0.28 -0.98 | 20.41 0.30 -1.15 | 23.37 0.34 -0.40 | 26.23 -0.08 -0.50 | 22.62 -0.09 -1.33 | 30.19 0.23 -1.63 | 31.50 0.29 -1.76 | 37.80 0.07 -4.72 | 36.17 -0.29 -4.34 | 36.11 -0.40 -3.19 | 30.20 -0.54 -3.76 | 29.98 -0.43 -3.81 | 32.55 -0.12 -3.56 | 37.38 -0.35 -5.68 | 53.72 0.00 -5.54 | 55.79 -0.05 -4.34 | 48.16 -0.49 -4.29 | 43.65 -0.89 -5.82 | 39.59 -1.05 -4.31 | 36.99 -1.03 -2.68 | 29.95 -0.28 -2.38 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH_MIDHUDSON___DRP 24192 | 31.47 1.98 -7.97 | 30.26 2.05 -5.71 | 28.35 1.81 -6.82 | 26.89 1.70 -6.44 | 28.19 1.71 -7.53 | 27.67 1.99 -3.05 | 31.90 2.37 -3.73 | 32.02 2.07 -8.58 | 42.63 3.06 -11.24 | 44.62 3.15 -12.02 | 68.26 3.70 -31.55 | 64.37 3.60 -28.65 | 58.07 3.70 -21.05 | 54.77 2.97 -24.81 | 54.76 2.98 -25.18 | 55.89 3.29 -23.49 | 73.08 3.53 -37.49 | 90.28 5.49 -36.61 | 86.05 5.87 -28.69 | 77.92 5.10 -28.47 | 81.68 4.33 -38.63 | 68.86 3.96 -28.57 | 56.87 3.78 -17.74 | 46.46 2.84 -15.77 |
| CH_MISC_IPPS 23765 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| CH_RES_BVR_FALLS 23983 | 19.95 -0.56 1.01 | 20.88 -0.59 1.03 | 18.32 -0.55 0.86 | 17.44 -0.54 0.75 | 17.55 -0.57 0.83 | 21.06 -0.68 0.90 | 24.06 -0.75 1.00 | 20.00 -0.60 0.77 | 26.42 -0.79 1.12 | 27.51 -0.82 1.11 | 30.18 -0.86 1.97 | 30.02 -0.77 1.33 | 31.61 -0.73 0.98 | 25.27 -0.57 1.15 | 24.90 -0.53 1.17 | 27.43 -0.58 1.09 | 29.74 -0.58 1.74 | 45.61 -0.87 1.70 | 49.18 -0.98 1.33 | 42.23 -0.80 1.32 | 36.26 -0.66 1.80 | 34.42 -0.58 1.33 | 33.99 -0.53 0.83 | 26.70 -0.42 0.73 |
| CH_RES_NIAGARA 23895 | 21.81 -0.80 -1.09 | 22.39 -0.85 -0.74 | 20.02 -0.63 -0.93 | 19.05 -0.58 -0.89 | 19.43 -0.57 -1.04 | 22.22 -0.77 -0.36 | 24.57 -1.68 -0.45 | 21.15 -1.43 -1.21 | 28.17 -1.64 -1.48 | 29.30 -1.74 -1.59 | 35.12 -2.18 -4.29 | 33.63 -2.44 -3.95 | 33.59 -2.63 -2.90 | 28.11 -2.29 -3.42 | 27.89 -2.18 -3.47 | 30.31 -2.04 -3.24 | 34.76 -2.47 -5.17 | 49.80 -3.42 -5.04 | 51.74 -3.71 -3.95 | 44.71 -3.55 -3.91 | 40.53 -3.48 -5.31 | 36.80 -3.45 -3.92 | 34.49 -3.29 -2.44 | 27.95 -2.06 -2.17 |
| CH_RES_SYRACUSE 23985 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| CLINTON_WT_PWR 323605 | 15.00 -1.38 5.14 | 14.82 -1.35 6.33 | 14.19 -1.20 4.33 | 13.99 -1.14 3.60 | 13.94 -1.19 3.82 | 14.95 -1.38 6.30 | 17.44 -1.50 6.86 | 17.35 -1.15 2.87 | 21.79 -1.50 5.04 | 23.07 -1.68 4.70 | 26.79 -1.95 4.27 | 30.33 -1.80 0.00 | 31.46 -1.87 0.00 | 25.48 -1.51 0.00 | 25.19 -1.41 0.00 | 27.59 -1.51 0.00 | 30.62 -1.44 0.00 | 45.87 -2.31 0.00 | 48.87 -2.62 0.00 | 42.09 -2.26 0.00 | 36.89 -1.82 0.00 | 34.70 -1.63 0.00 | 33.89 -1.45 0.00 | 26.62 -1.22 0.00 |
| CLINTON___LFGE 323618 | 14.91 -1.48 5.12 | 14.76 -1.44 6.30 | 14.11 -1.30 4.31 | 13.92 -1.24 3.59 | 13.86 -1.29 3.80 | 14.91 -1.45 6.27 | 17.43 -1.55 6.83 | 17.38 -1.13 2.85 | 21.85 -1.47 5.01 | 23.09 -1.68 4.68 | 26.81 -1.95 4.25 | 30.30 -1.83 0.00 | 31.49 -1.83 0.00 | 25.45 -1.54 0.00 | 25.19 -1.41 0.00 | 27.68 -1.43 0.00 | 30.81 -1.25 0.00 | 46.16 -2.02 0.00 | 49.13 -2.37 0.00 | 42.27 -2.08 0.00 | 37.05 -1.66 0.00 | 34.84 -1.49 0.00 | 34.10 -1.24 0.00 | 26.70 -1.14 0.00 |
| COLONIE_LFGE___ 323577 | 32.88 1.42 -9.94 | 31.00 1.42 -7.08 | 29.49 1.26 -8.50 | 27.99 1.22 -8.04 | 29.59 1.23 -9.41 | 27.93 1.56 -3.74 | 32.08 1.70 -4.58 | 33.56 1.45 -10.74 | 44.18 2.13 -13.72 | 46.34 2.21 -14.68 | 74.14 2.48 -38.65 | 69.62 2.34 -35.15 | 61.58 2.43 -25.82 | 59.40 1.97 -30.44 | 59.39 1.89 -30.90 | 60.09 2.15 -28.83 | 80.40 2.34 -46.01 | 96.76 3.66 -44.92 | 90.61 3.91 -35.20 | 82.57 3.28 -34.94 | 88.91 2.79 -47.41 | 74.01 2.62 -35.06 | 59.70 2.58 -21.77 | 49.23 2.03 -19.35 |
| CORNELL___ 23752 | 23.81 0.71 -1.59 | 24.31 0.72 -1.09 | 21.71 0.63 -1.36 | 20.65 0.62 -1.29 | 21.10 0.62 -1.52 | 23.96 0.79 -0.54 | 27.43 0.96 -0.67 | 23.95 0.83 -1.75 | 31.39 0.91 -2.15 | 32.76 1.00 -2.31 | 40.30 1.09 -6.20 | 38.91 1.09 -5.69 | 38.64 1.13 -4.18 | 32.75 0.84 -4.93 | 32.34 0.74 -5.00 | 34.62 0.84 -4.67 | 40.46 0.96 -7.45 | 57.33 1.88 -7.27 | 59.25 2.06 -5.70 | 51.51 1.55 -5.60 | 47.59 1.28 -7.60 | 43.01 1.05 -5.62 | 39.75 0.92 -3.49 | 31.78 0.83 -3.10 |
| COXSACKIE___GT 23611 | 31.40 1.70 -8.19 | 30.14 1.78 -5.86 | 28.30 1.58 -7.00 | 26.83 1.48 -6.61 | 28.19 1.50 -7.74 | 27.50 1.74 -3.13 | 31.54 1.91 -3.83 | 31.78 1.60 -8.81 | 42.46 2.69 -11.44 | 44.44 2.77 -12.23 | 68.19 3.07 -32.10 | 64.30 3.02 -29.15 | 57.84 3.10 -21.41 | 54.58 2.35 -25.24 | 54.57 2.34 -25.63 | 55.75 2.74 -23.91 | 73.10 2.89 -38.15 | 89.72 4.29 -37.25 | 85.27 4.58 -29.19 | 77.27 3.95 -28.97 | 81.39 3.37 -39.31 | 68.38 2.98 -29.07 | 56.26 2.86 -18.06 | 46.01 2.12 -16.04 |
| CPV_VALLEY___CC1 323721 | 29.64 1.57 -6.55 | 28.83 1.64 -4.69 | 26.76 1.44 -5.60 | 25.38 1.35 -5.29 | 26.49 1.35 -6.19 | 26.72 1.58 -2.51 | 30.75 1.88 -3.06 | 30.11 1.69 -7.05 | 39.88 2.41 -9.14 | 41.66 2.44 -9.77 | 61.54 2.87 -25.65 | 58.22 2.79 -23.29 | 53.33 2.90 -17.11 | 49.48 2.32 -20.17 | 49.42 2.34 -20.48 | 50.80 2.59 -19.10 | 65.30 2.76 -30.49 | 82.29 4.34 -29.77 | 79.51 4.69 -23.33 | 71.54 4.04 -23.15 | 73.57 3.44 -31.41 | 62.72 3.16 -23.23 | 52.74 2.97 -14.43 | 42.92 2.25 -12.82 |
| CPV_VALLEY___CC2 323722 | 29.64 1.57 -6.55 | 28.83 1.64 -4.69 | 26.76 1.44 -5.60 | 25.38 1.35 -5.29 | 26.49 1.35 -6.19 | 26.72 1.58 -2.51 | 30.75 1.88 -3.06 | 30.11 1.69 -7.05 | 39.88 2.41 -9.14 | 41.66 2.44 -9.77 | 61.54 2.87 -25.65 | 58.22 2.79 -23.29 | 53.33 2.90 -17.11 | 49.48 2.32 -20.17 | 49.42 2.34 -20.48 | 50.80 2.59 -19.10 | 65.30 2.76 -30.49 | 82.29 4.34 -29.77 | 79.51 4.69 -23.33 | 71.54 4.04 -23.15 | 73.57 3.44 -31.41 | 62.72 3.16 -23.23 | 52.74 2.97 -14.43 | 42.92 2.25 -12.82 |
| CRESCENT___HYD 24018 | 32.88 1.42 -9.94 | 31.00 1.42 -7.08 | 29.49 1.26 -8.50 | 27.99 1.22 -8.04 | 29.59 1.23 -9.41 | 27.93 1.56 -3.74 | 32.08 1.70 -4.58 | 33.56 1.45 -10.74 | 44.18 2.13 -13.72 | 46.34 2.21 -14.68 | 74.14 2.48 -38.65 | 69.62 2.34 -35.15 | 61.58 2.43 -25.82 | 59.40 1.97 -30.44 | 59.39 1.89 -30.90 | 60.09 2.15 -28.83 | 80.40 2.34 -46.01 | 96.76 3.66 -44.92 | 90.61 3.91 -35.20 | 82.57 3.28 -34.94 | 88.91 2.79 -47.41 | 74.01 2.62 -35.06 | 59.70 2.58 -21.77 | 49.23 2.03 -19.35 |
| CRUCIBLE_METL_DRP 24180 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| DANC___LFGE 323619 | 20.33 -0.37 0.82 | 20.98 -0.36 1.15 | 18.66 -0.38 0.68 | 17.90 -0.30 0.54 | 18.14 -0.27 0.55 | 21.21 -0.18 1.24 | 24.31 -0.15 1.34 | 21.04 -0.02 0.31 | 27.50 -0.14 0.69 | 28.73 -0.12 0.60 | 33.05 -0.13 -0.16 | 32.85 -0.26 -0.98 | 33.78 -0.27 -0.72 | 27.62 -0.22 -0.85 | 27.19 -0.27 -0.86 | 29.62 -0.29 -0.80 | 33.15 -0.19 -1.28 | 49.48 0.05 -1.25 | 52.53 0.05 -0.98 | 45.24 -0.09 -0.98 | 39.92 -0.12 -1.33 | 37.17 -0.14 -0.98 | 35.74 -0.21 -0.61 | 28.20 -0.19 -0.54 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___1 23586 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| DANSKAMMER___2 23589 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| DANSKAMMER___3 23590 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| DANSKAMMER___4 23591 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| DANSKAMMER___DIESEL 23592 | 31.23 2.02 -7.70 | 30.10 2.09 -5.51 | 28.16 1.85 -6.58 | 26.68 1.72 -6.22 | 27.97 1.74 -7.27 | 27.59 2.01 -2.94 | 31.80 2.40 -3.60 | 31.75 2.10 -8.29 | 42.36 3.12 -10.91 | 44.35 3.24 -11.66 | 67.40 3.76 -30.62 | 63.62 3.69 -27.80 | 57.55 3.80 -20.43 | 54.09 3.02 -24.08 | 54.07 3.03 -24.44 | 55.29 3.38 -22.80 | 72.07 3.62 -36.39 | 89.30 5.59 -35.53 | 85.36 6.02 -27.84 | 77.22 5.23 -27.63 | 80.66 4.45 -37.50 | 68.09 4.03 -27.73 | 56.38 3.82 -17.22 | 46.02 2.87 -15.30 |
| DASHVILLE___HYD 23610 | 30.77 1.57 -7.69 | 29.64 1.64 -5.50 | 27.73 1.44 -6.57 | 26.30 1.35 -6.21 | 27.56 1.35 -7.26 | 27.11 1.54 -2.94 | 31.22 1.83 -3.59 | 31.26 1.62 -8.27 | 41.46 2.38 -10.74 | 43.53 2.59 -11.49 | 66.20 3.04 -30.15 | 62.49 2.99 -27.38 | 56.50 3.06 -20.11 | 53.13 2.43 -23.71 | 53.11 2.45 -24.07 | 54.12 2.56 -22.45 | 70.81 2.92 -35.83 | 87.65 4.48 -34.99 | 83.70 4.79 -27.42 | 75.73 4.17 -27.21 | 79.19 3.56 -36.92 | 66.87 3.23 -27.30 | 55.37 3.07 -16.96 | 45.20 2.28 -15.07 |
| DELAWARE___LFGE 323621 | 25.72 0.99 -3.21 | 25.86 1.06 -2.30 | 23.40 0.93 -2.75 | 22.23 0.90 -2.60 | 22.90 0.91 -3.04 | 24.92 1.06 -1.23 | 28.57 1.26 -1.50 | 25.96 1.13 -3.46 | 34.13 1.50 -4.29 | 35.57 1.53 -4.59 | 46.81 1.75 -12.05 | 44.71 1.64 -10.94 | 43.03 1.67 -8.04 | 37.79 1.32 -9.48 | 37.52 1.30 -9.62 | 39.60 1.51 -8.97 | 48.01 1.63 -14.32 | 64.72 2.55 -13.98 | 65.28 2.83 -10.96 | 57.57 2.35 -10.86 | 55.47 2.01 -14.74 | 49.05 1.82 -10.90 | 43.81 1.70 -6.77 | 35.20 1.34 -6.02 |
| DOGLEVILLE___HYD 23807 | 22.71 1.57 0.37 | 23.78 1.64 0.36 | 20.83 1.42 0.32 | 19.81 1.35 0.28 | 20.00 1.37 0.32 | 23.96 1.63 0.30 | 27.32 1.86 0.33 | 22.56 1.50 0.31 | 29.75 1.84 0.42 | 31.14 2.12 0.43 | 34.59 2.41 0.83 | 33.82 2.31 0.62 | 35.30 2.43 0.45 | 28.40 1.94 0.53 | 27.95 1.89 0.54 | 30.44 1.84 0.51 | 33.43 2.18 0.81 | 50.67 3.28 0.79 | 54.38 3.50 0.62 | 46.71 2.97 0.61 | 40.44 2.55 0.83 | 38.23 2.51 0.61 | 37.47 2.51 0.38 | 29.54 2.03 0.34 |
| DUNKIRK___1 23563 | 22.93 0.22 -1.20 | 23.53 0.20 -0.82 | 21.03 0.28 -1.03 | 19.98 0.26 -0.98 | 20.39 0.28 -1.15 | 23.35 0.32 -0.40 | 26.20 -0.10 -0.50 | 22.57 -0.13 -1.33 | 30.13 0.17 -1.63 | 31.43 0.23 -1.75 | 37.72 0.00 -4.71 | 36.10 -0.35 -4.33 | 36.04 -0.47 -3.18 | 30.14 -0.59 -3.75 | 29.92 -0.48 -3.80 | 32.48 -0.17 -3.55 | 37.30 -0.42 -5.66 | 53.61 -0.10 -5.53 | 55.67 -0.15 -4.33 | 48.06 -0.58 -4.28 | 43.56 -0.97 -5.81 | 39.51 -1.13 -4.30 | 36.92 -1.10 -2.67 | 29.91 -0.31 -2.37 |
| DUNKIRK___2 23564 | 22.93 0.22 -1.20 | 23.53 0.20 -0.82 | 21.03 0.28 -1.03 | 19.98 0.26 -0.98 | 20.39 0.28 -1.15 | 23.35 0.32 -0.40 | 26.20 -0.10 -0.50 | 22.57 -0.13 -1.33 | 30.13 0.17 -1.63 | 31.43 0.23 -1.75 | 37.72 0.00 -4.71 | 36.10 -0.35 -4.33 | 36.04 -0.47 -3.18 | 30.14 -0.59 -3.75 | 29.92 -0.48 -3.80 | 32.48 -0.17 -3.55 | 37.30 -0.42 -5.66 | 53.61 -0.10 -5.53 | 55.67 -0.15 -4.33 | 48.06 -0.58 -4.28 | 43.56 -0.97 -5.81 | 39.51 -1.13 -4.30 | 36.92 -1.10 -2.67 | 29.91 -0.31 -2.37 |
| DUNKIRK___3 23565 | 22.81 0.11 -1.19 | 23.40 0.09 -0.81 | 20.92 0.18 -1.02 | 19.87 0.17 -0.97 | 20.28 0.19 -1.14 | 23.21 0.18 -0.39 | 26.04 -0.26 -0.49 | 22.43 -0.26 -1.31 | 29.94 0.00 -1.61 | 31.21 0.03 -1.73 | 37.44 -0.23 -4.65 | 35.79 -0.61 -4.28 | 35.76 -0.70 -3.14 | 29.91 -0.78 -3.70 | 29.69 -0.66 -3.76 | 32.27 -0.35 -3.51 | 37.01 -0.64 -5.60 | 53.16 -0.48 -5.47 | 55.26 -0.51 -4.28 | 47.70 -0.89 -4.23 | 43.22 -1.24 -5.75 | 39.20 -1.38 -4.25 | 36.64 -1.34 -2.64 | 29.72 -0.47 -2.34 |
| DUNKIRK___4 23566 | 22.81 0.11 -1.19 | 23.40 0.09 -0.81 | 20.92 0.18 -1.02 | 19.87 0.17 -0.97 | 20.28 0.19 -1.14 | 23.21 0.18 -0.39 | 26.04 -0.26 -0.49 | 22.43 -0.26 -1.31 | 29.94 0.00 -1.61 | 31.21 0.03 -1.73 | 37.44 -0.23 -4.65 | 35.79 -0.61 -4.28 | 35.76 -0.70 -3.14 | 29.91 -0.78 -3.70 | 29.69 -0.66 -3.76 | 32.27 -0.35 -3.51 | 37.01 -0.64 -5.60 | 53.16 -0.48 -5.47 | 55.26 -0.51 -4.28 | 47.70 -0.89 -4.23 | 43.22 -1.24 -5.75 | 39.20 -1.38 -4.25 | 36.64 -1.34 -2.64 | 29.72 -0.47 -2.34 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 31.14 2.11 -7.52 | 30.09 2.21 -5.38 | 28.08 1.93 -6.43 | 26.61 1.80 -6.07 | 27.86 1.80 -7.10 | 27.61 2.11 -2.87 | 31.84 2.53 -3.51 | 31.72 2.26 -8.09 | 42.29 3.23 -10.72 | 44.21 3.30 -11.47 | 67.07 3.96 -30.10 | 63.31 3.85 -27.33 | 57.36 3.96 -20.08 | 53.87 3.21 -23.67 | 53.87 3.24 -24.03 | 55.07 3.55 -22.41 | 71.67 3.85 -35.77 | 89.13 6.02 -34.93 | 85.35 6.49 -27.37 | 77.15 5.63 -27.16 | 80.37 4.80 -36.86 | 67.98 4.39 -27.26 | 56.44 4.17 -16.93 | 46.01 3.12 -15.04 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 30.75 1.83 -7.41 | 29.71 1.91 -5.30 | 27.73 1.68 -6.33 | 26.30 1.57 -5.98 | 27.52 1.57 -7.00 | 27.30 1.83 -2.83 | 31.45 2.19 -3.46 | 31.28 1.94 -7.97 | 41.79 2.89 -10.56 | 43.72 2.97 -11.30 | 66.16 3.50 -29.65 | 62.45 3.40 -26.92 | 56.63 3.53 -19.78 | 53.11 2.81 -23.32 | 53.09 2.82 -23.67 | 54.31 3.12 -22.08 | 70.66 3.37 -35.24 | 87.79 5.21 -34.41 | 84.07 5.61 -26.96 | 75.99 4.88 -26.76 | 79.16 4.14 -36.31 | 66.96 3.78 -26.85 | 55.59 3.57 -16.68 | 45.37 2.70 -14.82 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 31.41 2.37 -7.53 | 30.34 2.45 -5.39 | 28.35 2.19 -6.44 | 26.86 2.04 -6.08 | 28.11 2.05 -7.11 | 27.90 2.40 -2.87 | 32.08 2.76 -3.51 | 32.03 2.56 -8.10 | 42.34 3.29 -10.72 | 44.26 3.36 -11.46 | 67.28 4.16 -30.11 | 63.61 4.15 -27.33 | 57.60 4.20 -20.08 | 54.15 3.48 -23.68 | 54.09 3.46 -24.04 | 55.34 3.81 -22.42 | 71.94 4.10 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.42 5.90 -27.17 | 80.65 5.07 -36.87 | 68.29 4.69 -27.27 | 56.73 4.45 -16.94 | 46.30 3.40 -15.05 |

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| EAST HAMPTON___GT 23717 | 36.98 4.24 -11.23 | 32.32 4.41 -5.41 | 30.07 3.91 -6.45 | 28.46 3.64 -6.08 | 29.74 3.68 -7.11 | 29.86 4.35 -2.88 | 34.44 5.11 -3.53 | 40.91 4.42 -15.12 | 45.60 6.38 -10.90 | 47.75 6.77 -11.53 | 78.14 7.99 -37.14 | 75.32 7.77 -35.42 | 70.29 8.03 -28.94 | 66.47 6.50 -32.98 | 73.33 6.43 -40.29 | 75.60 7.16 -39.33 | 102.70 7.85 -62.79 | 109.22 12.48 -48.56 | 110.47 13.49 -45.48 | 107.56 11.44 -51.76 | 104.93 9.76 -56.46 | 104.53 8.94 -59.26 | 76.50 8.69 -32.46 | 52.44 6.60 -18.00 |
| EAST RIVER___6 23660 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.69 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.57 4.16 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.42 6.31 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| EAST RIVER___7 23524 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.69 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.57 4.16 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.42 6.31 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 31.04 2.02 -7.50 | 29.96 2.09 -5.37 | 27.97 1.83 -6.41 | 26.52 1.72 -6.06 | 27.77 1.72 -7.09 | 27.51 2.01 -2.87 | 31.73 2.42 -3.51 | 31.60 2.16 -8.08 | 42.16 3.12 -10.71 | 44.08 3.18 -11.45 | 66.86 3.79 -30.05 | 63.11 3.69 -27.29 | 57.17 3.80 -20.05 | 53.69 3.08 -23.63 | 53.67 3.08 -23.99 | 54.89 3.40 -22.38 | 71.46 3.69 -35.71 | 88.83 5.78 -34.87 | 85.00 6.18 -27.32 | 76.84 5.36 -27.12 | 80.11 4.60 -36.80 | 67.76 4.21 -27.21 | 56.24 3.99 -16.90 | 45.87 3.01 -15.02 |
| EAST_HAMPTON___DIESEL 23722 | 36.98 4.24 -11.23 | 32.32 4.41 -5.41 | 30.07 3.91 -6.45 | 28.46 3.64 -6.08 | 29.74 3.68 -7.11 | 29.86 4.35 -2.88 | 34.44 5.11 -3.53 | 40.91 4.42 -15.12 | 45.60 6.38 -10.90 | 47.75 6.77 -11.53 | 78.14 7.99 -37.14 | 75.32 7.77 -35.42 | 70.29 8.03 -28.94 | 66.47 6.50 -32.98 | 73.33 6.43 -40.29 | 75.60 7.16 -39.33 | 102.70 7.85 -62.79 | 109.22 12.48 -48.56 | 110.47 13.49 -45.48 | 107.56 11.44 -51.76 | 104.93 9.76 -56.46 | 104.53 8.94 -59.26 | 76.50 8.69 -32.46 | 52.44 6.60 -18.00 |
| EAST_RIVER___1 323558 | 31.27 2.24 -7.52 | 30.22 2.34 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.75 2.24 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.43 3.37 -10.72 | 44.39 3.47 -11.47 | 67.30 4.19 -30.10 | 63.54 4.08 -27.33 | 57.57 4.16 -20.08 | 54.06 3.40 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.90 4.07 -35.77 | 89.47 6.36 -34.93 | 85.66 6.80 -27.37 | 77.41 5.90 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.69 4.42 -16.93 | 46.17 3.28 -15.04 |
| EAST_RIVER___2 323559 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.69 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.57 4.16 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.42 6.31 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| EAST___DELAWARE_HYD 23607 | 29.61 1.31 -6.78 | 28.72 1.37 -4.85 | 26.72 1.20 -5.80 | 25.34 1.12 -5.48 | 26.48 1.12 -6.40 | 26.51 1.29 -2.59 | 30.54 1.57 -3.17 | 30.07 1.41 -7.30 | 39.56 2.07 -9.16 | 41.33 2.09 -9.79 | 61.16 2.44 -25.70 | 57.84 2.38 -23.34 | 52.93 2.47 -17.14 | 49.11 1.92 -20.21 | 49.03 1.92 -20.52 | 50.46 2.21 -19.14 | 64.91 2.31 -30.54 | 81.57 3.57 -29.83 | 78.73 3.86 -23.37 | 70.87 3.33 -23.19 | 73.01 2.82 -31.47 | 62.15 2.54 -23.27 | 52.17 2.37 -14.45 | 42.45 1.76 -12.84 |
| ELEC_TRO_TEK 24086 | 35.21 2.47 -11.22 | 30.47 2.56 -5.40 | 28.49 2.33 -6.45 | 27.01 2.19 -6.08 | 28.26 2.20 -7.11 | 28.09 2.58 -2.88 | 32.32 2.99 -3.53 | 39.07 2.58 -15.12 | 42.89 3.66 -10.90 | 45.14 3.80 -11.89 | 87.56 4.43 -50.12 | 86.68 4.21 -50.34 | 82.93 4.33 -45.28 | 80.69 3.53 -50.17 | 82.70 3.54 -52.56 | 83.73 3.90 -50.72 | 106.46 4.17 -70.24 | 110.02 6.46 -55.38 | 137.35 6.95 -78.91 | 108.90 5.99 -58.56 | 107.49 5.15 -63.63 | 107.48 4.72 -66.43 | 82.89 4.66 -42.89 | 69.31 3.59 -37.87 |
| ELLENBURG_WT_PWR 323604 | 15.00 -1.38 5.14 | 14.82 -1.35 6.33 | 14.19 -1.20 4.33 | 13.99 -1.14 3.60 | 13.94 -1.19 3.82 | 14.95 -1.38 6.30 | 17.44 -1.50 6.86 | 17.35 -1.15 2.87 | 21.79 -1.50 5.04 | 23.07 -1.68 4.70 | 26.79 -1.95 4.27 | 30.33 -1.80 0.00 | 31.46 -1.87 0.00 | 25.48 -1.51 0.00 | 25.19 -1.41 0.00 | 27.59 -1.51 0.00 | 30.62 -1.44 0.00 | 45.87 -2.31 0.00 | 48.87 -2.62 0.00 | 42.09 -2.26 0.00 | 36.89 -1.82 0.00 | 34.70 -1.63 0.00 | 33.89 -1.45 0.00 | 26.62 -1.22 0.00 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 22.41 -0.26 -1.15 | 23.02 -0.27 -0.79 | 20.55 -0.16 -0.99 | 19.55 -0.13 -0.94 | 19.94 -0.11 -1.10 | 22.81 -0.20 -0.38 | 25.50 -0.77 -0.48 | 21.94 -0.70 -1.28 | 29.27 -0.62 -1.56 | 30.48 -0.65 -1.68 | 36.55 -0.99 -4.52 | 34.97 -1.32 -4.16 | 34.95 -1.43 -3.05 | 29.24 -1.35 -3.60 | 29.00 -1.25 -3.66 | 31.53 -0.99 -3.41 | 36.16 -1.35 -5.44 | 51.86 -1.64 -5.31 | 53.91 -1.75 -4.16 | 46.56 -1.91 -4.12 | 42.25 -2.05 -5.59 | 38.32 -2.14 -4.13 | 35.86 -2.05 -2.57 | 29.07 -1.06 -2.28 |
| EMPIRE_CC_1 323656 | 32.14 1.31 -9.31 | 30.51 1.35 -6.67 | 28.86 1.18 -7.96 | 27.40 1.14 -7.52 | 28.90 1.16 -8.80 | 27.62 1.43 -3.56 | 31.70 1.55 -4.35 | 32.73 1.35 -10.02 | 43.12 1.93 -12.86 | 45.17 1.97 -13.75 | 71.35 2.25 -36.09 | 67.05 2.15 -32.77 | 59.63 2.23 -24.08 | 57.18 1.81 -28.38 | 57.17 1.76 -28.81 | 57.97 1.98 -26.88 | 77.07 2.12 -42.89 | 93.30 3.23 -41.89 | 87.77 3.45 -32.82 | 79.85 2.93 -32.57 | 85.43 2.51 -44.20 | 71.35 2.33 -32.69 | 57.94 2.30 -20.30 | 47.64 1.76 -18.04 |
| EMPIRE_CC_2 323658 | 32.14 1.31 -9.31 | 30.51 1.35 -6.67 | 28.86 1.18 -7.96 | 27.40 1.14 -7.52 | 28.90 1.16 -8.80 | 27.62 1.43 -3.56 | 31.70 1.55 -4.35 | 32.73 1.35 -10.02 | 43.12 1.93 -12.86 | 45.17 1.97 -13.75 | 71.35 2.25 -36.09 | 67.05 2.15 -32.77 | 59.63 2.23 -24.08 | 57.18 1.81 -28.38 | 57.17 1.76 -28.81 | 57.97 1.98 -26.88 | 77.07 2.12 -42.89 | 93.30 3.23 -41.89 | 87.77 3.45 -32.82 | 79.85 2.93 -32.57 | 85.43 2.51 -44.20 | 71.35 2.33 -32.69 | 57.94 2.30 -20.30 | 47.64 1.76 -18.04 |
| ERIE_WT_PWR 323693 | 22.65 -0.04 -1.18 | 23.24 -0.07 -0.81 | 20.77 0.04 -1.01 | 19.74 0.04 -0.96 | 20.14 0.06 -1.13 | 23.05 0.02 -0.39 | 25.80 -0.49 -0.49 | 22.23 -0.45 -1.31 | 29.68 -0.26 -1.60 | 30.88 -0.29 -1.72 | 37.05 -0.59 -4.63 | 35.45 -0.93 -4.26 | 35.42 -1.03 -3.13 | 29.65 -1.03 -3.69 | 29.41 -0.93 -3.74 | 31.99 -0.61 -3.49 | 36.67 -0.96 -5.57 | 52.61 -1.01 -5.44 | 54.68 -1.08 -4.27 | 47.24 -1.33 -4.22 | 42.84 -1.59 -5.72 | 38.86 -1.71 -4.23 | 36.35 -1.63 -2.63 | 29.46 -0.72 -2.34 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 23.76 0.67 -1.58 | 24.26 0.67 -1.09 | 21.67 0.59 -1.35 | 20.61 0.58 -1.29 | 21.05 0.59 -1.51 | 23.91 0.75 -0.53 | 27.37 0.90 -0.67 | 23.90 0.79 -1.75 | 31.35 0.88 -2.14 | 32.69 0.94 -2.30 | 40.21 1.02 -6.17 | 38.82 1.03 -5.66 | 38.52 1.03 -4.16 | 32.68 0.78 -4.91 | 32.27 0.69 -4.98 | 34.57 0.81 -4.65 | 40.37 0.90 -7.41 | 57.20 1.78 -7.24 | 59.12 1.96 -5.67 | 51.35 1.42 -5.58 | 47.44 1.16 -7.57 | 42.91 0.98 -5.59 | 39.66 0.85 -3.47 | 31.71 0.78 -3.09 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|
| E_CANADA_CAP_HY 24051 | 33.88 0.32 -12.05 | 31.40 0.31 -8.59 | 30.30 0.28 -10.30 | 28.76 0.28 -9.74 | 30.69 0.34 -11.40 | 27.63 0.45 -4.54 | 31.96 0.59 -5.56 | 34.97 0.60 -13.00 | 45.95 1.13 -16.48 | 48.26 1.18 -17.63 | 80.77 1.35 -46.40 | 75.57 1.25 -42.19 | 65.58 1.27 -30.99 | 64.47 0.94 -36.54 | 64.59 0.90 -37.09 | 64.87 1.17 -34.60 | 88.52 1.25 -55.22 | 104.55 2.46 -53.92 | 96.31 2.57 -42.24 | 88.37 2.09 -41.93 | 97.31 1.70 -56.90 | 79.90 1.49 -42.07 | 62.71 1.24 -26.13 | 51.99 0.92 -23.22 |
| E_CANADA_MHWK_HY 24050 | 22.71 1.57 0.37 | 23.78 1.64 0.36 | 20.83 1.42 0.32 | 19.81 1.35 0.28 | 20.00 1.37 0.32 | 23.96 1.63 0.30 | 27.32 1.86 0.33 | 22.56 1.50 0.31 | 29.75 1.84 0.42 | 31.14 2.12 0.43 | 34.59 2.41 0.83 | 33.82 2.31 0.62 | 35.30 2.43 0.45 | 28.40 1.94 0.53 | 27.95 1.89 0.54 | 30.44 1.84 0.51 | 33.43 2.18 0.81 | 50.67 3.28 0.79 | 54.38 3.50 0.62 | 46.71 2.97 0.61 | 40.44 2.55 0.83 | 38.23 2.51 0.61 | 37.47 2.51 0.38 | 29.54 2.03 0.34 |
| E_FISHKILL___LBMP 23776 | 31.08 1.89 -7.67 | 29.95 1.96 -5.49 | 28.00 1.72 -6.56 | 26.55 1.61 -6.20 | 27.81 1.61 -7.25 | 27.47 1.90 -2.93 | 31.66 2.27 -3.59 | 31.64 2.01 -8.26 | 42.14 2.92 -10.89 | 44.07 2.97 -11.64 | 67.11 3.53 -30.57 | 63.29 3.40 -27.76 | 57.24 3.53 -20.39 | 53.88 2.86 -24.04 | 53.85 2.85 -24.40 | 55.02 3.14 -22.76 | 71.78 3.40 -36.33 | 88.95 5.30 -35.47 | 84.95 5.66 -27.79 | 76.82 4.88 -27.59 | 80.32 4.18 -37.43 | 67.86 3.85 -27.68 | 56.21 3.68 -17.19 | 45.88 2.76 -15.28 |
| FAR ROCKAWAY___4 23548 | 35.55 2.82 -11.22 | 30.83 2.92 -5.40 | 28.79 2.62 -6.45 | 27.28 2.45 -6.08 | 28.55 2.48 -7.11 | 28.44 2.92 -2.88 | 32.71 3.38 -3.53 | 39.43 2.95 -15.12 | 43.40 4.17 -10.90 | 46.14 4.33 -12.36 | 105.08 5.05 -67.02 | 106.72 4.82 -69.77 | 104.85 4.97 -66.56 | 103.58 4.05 -72.54 | 104.35 4.04 -73.71 | 104.92 4.48 -71.33 | 120.61 4.81 -83.75 | 123.37 7.47 -67.72 | 182.02 8.09 -122.44 | 122.15 6.92 -70.88 | 121.27 5.92 -76.64 | 121.22 5.45 -79.44 | 102.52 5.41 -61.77 | 95.70 4.12 -63.74 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 31.31 2.28 -7.52 | 30.24 2.36 -5.38 | 28.24 2.09 -6.43 | 26.74 1.93 -6.07 | 27.99 1.93 -7.10 | 27.79 2.28 -2.87 | 32.05 2.73 -3.51 | 31.92 2.46 -8.10 | 42.46 3.40 -10.72 | 44.42 3.50 -11.47 | 67.34 4.23 -30.10 | 63.57 4.11 -27.33 | 57.63 4.23 -20.08 | 54.11 3.46 -23.67 | 54.08 3.46 -24.03 | 55.34 3.81 -22.42 | 71.93 4.10 -35.77 | 89.52 6.41 -34.93 | 85.71 6.85 -27.37 | 77.50 5.99 -27.16 | 80.68 5.11 -36.86 | 68.28 4.69 -27.26 | 56.72 4.45 -16.93 | 46.23 3.34 -15.04 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 31.29 2.26 -7.52 | 30.22 2.34 -5.38 | 28.22 2.07 -6.43 | 26.74 1.93 -6.07 | 27.99 1.93 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.92 2.46 -8.10 | 42.46 3.40 -10.72 | 44.42 3.50 -11.47 | 67.34 4.23 -30.10 | 63.54 4.08 -27.33 | 57.60 4.20 -20.08 | 54.08 3.43 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.93 4.10 -35.77 | 89.47 6.36 -34.93 | 85.71 6.85 -27.37 | 77.46 5.95 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.72 4.45 -16.93 | 46.20 3.31 -15.04 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 31.29 2.26 -7.52 | 30.22 2.34 -5.38 | 28.22 2.07 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.02 2.71 -3.51 | 31.90 2.44 -8.10 | 42.43 3.37 -10.72 | 44.39 3.47 -11.47 | 67.31 4.19 -30.10 | 63.54 4.08 -27.33 | 57.60 4.20 -20.08 | 54.06 3.40 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.90 4.07 -35.77 | 89.42 6.31 -34.93 | 85.66 6.80 -27.37 | 77.42 5.90 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.69 4.42 -16.93 | 46.17 3.28 -15.04 |
| FARRAGUT___LBMP 323566 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.75 2.24 -2.87 | 32.00 2.68 -3.51 | 31.88 2.41 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.37 6.26 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.20 4.61 -27.26 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| FENNER___WINDPWR 24204 | 22.26 0.45 -0.29 | 23.06 0.47 -0.09 | 20.39 0.41 -0.25 | 19.41 0.41 -0.26 | 19.69 0.42 -0.32 | 23.16 0.61 0.09 | 26.38 0.65 0.07 | 22.38 0.58 -0.43 | 29.54 0.74 -0.47 | 30.72 0.74 -0.54 | 35.58 0.79 -1.77 | 34.65 0.74 -1.79 | 35.40 0.77 -1.31 | 29.10 0.57 -1.55 | 28.67 0.50 -1.57 | 31.24 0.67 -1.46 | 35.10 0.70 -2.34 | 51.86 1.40 -2.28 | 54.83 1.54 -1.79 | 47.21 1.11 -1.75 | 42.05 0.97 -2.37 | 38.89 0.80 -1.75 | 37.14 0.71 -1.09 | 29.43 0.61 -0.97 |
| FIBERTEK___ENERGY 23856 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| FITZPATRICK____ 23598 | 21.52 -0.45 -0.45 | 22.33 -0.50 -0.33 | 19.70 -0.42 -0.39 | 18.71 -0.39 -0.37 | 18.98 -0.40 -0.43 | 22.35 -0.45 -0.17 | 25.47 -0.54 -0.21 | 21.32 -0.53 -0.49 | 28.20 -0.74 -0.61 | 29.33 -0.77 -0.65 | 33.80 -0.92 -1.71 | 32.78 -0.90 -1.55 | 33.49 -0.97 -1.14 | 27.55 -0.78 -1.34 | 27.16 -0.80 -1.36 | 29.48 -0.90 -1.27 | 33.06 -1.03 -2.03 | 48.62 -1.54 -1.98 | 51.40 -1.65 -1.55 | 44.47 -1.42 -1.54 | 39.56 -1.24 -2.09 | 36.68 -1.20 -1.55 | 35.14 -1.17 -0.96 | 27.84 -0.86 -0.85 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 31.30 2.07 -7.72 | 30.16 2.14 -5.53 | 28.19 1.87 -6.60 | 26.73 1.76 -6.23 | 28.01 1.76 -7.29 | 27.64 2.06 -2.95 | 31.83 2.42 -3.61 | 31.81 2.14 -8.31 | 42.44 3.17 -10.93 | 44.44 3.30 -11.69 | 67.53 3.83 -30.68 | 63.75 3.76 -27.86 | 57.66 3.86 -20.47 | 54.19 3.08 -24.13 | 54.18 3.08 -24.49 | 55.36 3.40 -22.85 | 72.21 3.69 -36.47 | 89.47 5.68 -35.61 | 85.52 6.13 -27.90 | 77.32 5.28 -27.69 | 80.81 4.53 -37.58 | 68.23 4.10 -27.79 | 56.49 3.89 -17.26 | 46.11 2.92 -15.34 |
| FORT ORANGE____ 23900 | 32.08 1.14 -9.42 | 30.44 1.19 -6.75 | 28.82 1.04 -8.05 | 27.34 0.99 -7.61 | 28.88 1.02 -8.90 | 27.45 1.22 -3.60 | 31.42 1.21 -4.40 | 32.51 1.00 -10.14 | 42.86 1.50 -13.03 | 44.93 1.56 -13.93 | 71.42 1.85 -36.56 | 67.09 1.77 -33.20 | 59.54 1.83 -24.39 | 57.19 1.46 -28.75 | 57.22 1.44 -29.18 | 57.96 1.63 -27.22 | 77.27 1.76 -43.45 | 93.35 2.74 -42.43 | 87.62 2.88 -33.24 | 79.83 2.48 -32.99 | 85.61 2.13 -44.77 | 71.40 1.96 -33.11 | 57.78 1.87 -20.56 | 47.51 1.39 -18.27 |
| FORT_DRUM_COGEN 23780 | 20.27 -0.39 0.86 | 20.91 -0.38 1.20 | 18.62 -0.38 0.72 | 17.86 -0.30 0.57 | 18.08 -0.28 0.59 | 21.14 -0.20 1.29 | 24.23 -0.18 1.39 | 20.99 -0.04 0.34 | 27.42 -0.17 0.74 | 28.66 -0.15 0.64 | 32.94 -0.16 -0.10 | 32.81 -0.26 -0.94 | 33.72 -0.30 -0.69 | 27.56 -0.24 -0.82 | 27.16 -0.27 -0.83 | 29.56 -0.32 -0.77 | 33.07 -0.22 -1.24 | 49.39 0.00 -1.21 | 52.44 0.00 -0.95 | 45.16 -0.13 -0.94 | 39.83 -0.15 -1.28 | 37.10 -0.18 -0.94 | 35.68 -0.25 -0.59 | 28.14 -0.22 -0.52 |
| FPL FAR_ROCK_GT1 24212 | 35.55 2.82 -11.22 | 30.83 2.92 -5.40 | 28.79 2.62 -6.45 | 27.28 2.45 -6.08 | 28.55 2.48 -7.11 | 28.44 2.92 -2.88 | 32.71 3.38 -3.53 | 39.43 2.95 -15.12 | 43.40 4.17 -10.90 | 46.14 4.33 -12.36 | 105.08 5.05 -67.02 | 106.72 4.82 -69.77 | 104.85 4.97 -66.56 | 103.58 4.05 -72.54 | 104.35 4.04 -73.71 | 104.92 4.48 -71.33 | 120.61 4.81 -83.75 | 123.37 7.47 -67.72 | 182.02 8.09 -122.44 | 122.15 6.92 -70.88 | 121.27 5.92 -76.64 | 121.22 5.45 -79.44 | 102.52 5.41 -61.77 | 95.70 4.12 -63.74 |

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| FPL FAR_ROCK_GT2 23815 | 35.55 2.82 -11.22 | 30.83 2.92 -5.40 | 28.79 2.62 -6.45 | 27.28 2.45 -6.08 | 28.55 2.48 -7.11 | 28.44 2.92 -2.88 | 32.71 3.38 -3.53 | 39.43 2.95 -15.12 | 43.40 4.17 -10.90 | 46.14 4.33 -12.36 | 105.08 5.05 -67.02 | 106.72 4.82 -69.77 | 104.85 4.97 -66.56 | 103.58 4.05 -72.54 | 104.35 4.04 -73.71 | 104.92 4.48 -71.33 | 120.61 4.81 -83.75 | 123.37 7.47 -67.72 | 182.02 8.09 -122.44 | 122.15 6.92 -70.88 | 121.27 5.92 -76.64 | 121.22 5.45 -79.44 | 102.52 5.41 -61.77 | 95.70 4.12 -63.74 |
| FRANKLIN_FALL_HYD 24054 | 15.05 -1.66 4.81 | 14.96 -1.62 5.92 | 14.19 -1.48 4.05 | 13.98 -1.39 3.37 | 13.94 -1.44 3.58 | 15.11 -1.63 5.89 | 17.65 -1.73 6.42 | 17.40 -1.28 2.68 | 21.89 -1.73 4.71 | 23.11 -1.94 4.40 | 26.77 -2.25 4.00 | 30.04 -2.09 0.00 | 31.19 -2.13 0.00 | 25.29 -1.70 0.00 | 25.03 -1.57 0.00 | 27.36 -1.75 0.00 | 30.49 -1.57 0.00 | 45.67 -2.51 0.00 | 48.56 -2.93 0.00 | 41.83 -2.53 0.00 | 36.66 -2.05 0.00 | 34.52 -1.82 0.00 | 33.89 -1.45 0.00 | 26.57 -1.28 0.00 |
| FREEPORT_EQUS_GT1 23764 | 35.47 2.73 -11.22 | 30.74 2.83 -5.41 | 28.71 2.55 -6.45 | 27.20 2.38 -6.08 | 28.47 2.41 -7.11 | 28.34 2.83 -2.88 | 32.61 3.28 -3.53 | 39.35 2.86 -15.12 | 43.28 4.05 -10.90 | 45.50 4.21 -11.84 | 86.26 4.82 -48.43 | 85.12 4.59 -48.40 | 81.20 4.73 -43.15 | 78.77 3.86 -47.93 | 82.82 3.86 -52.37 | 84.17 4.25 -50.81 | 106.91 4.55 -70.30 | 110.74 7.13 -55.43 | 133.77 7.72 -74.55 | 109.58 6.61 -58.61 | 108.10 5.69 -63.69 | 108.13 5.30 -66.49 | 83.58 5.27 -42.97 | 67.13 4.01 -35.28 |
| FREEPORT___CT2 23818 | 35.47 2.73 -11.22 | 30.74 2.83 -5.41 | 28.71 2.55 -6.45 | 27.20 2.38 -6.08 | 28.47 2.41 -7.11 | 28.34 2.83 -2.88 | 32.61 3.28 -3.53 | 39.35 2.86 -15.12 | 43.28 4.05 -10.90 | 45.50 4.21 -11.84 | 86.26 4.82 -48.43 | 85.12 4.59 -48.40 | 81.20 4.73 -43.15 | 78.77 3.86 -47.93 | 82.82 3.86 -52.37 | 84.17 4.25 -50.81 | 106.91 4.55 -70.30 | 110.74 7.13 -55.43 | 133.77 7.72 -74.55 | 109.58 6.61 -58.61 | 108.10 5.69 -63.69 | 108.13 5.30 -66.49 | 83.58 5.27 -42.97 | 67.13 4.01 -35.28 |
| FULTON COGEN____ 23766 | 21.75 -0.19 -0.43 | 22.53 -0.20 -0.23 | 19.91 -0.18 -0.37 | 18.93 -0.17 -0.36 | 19.22 -0.17 -0.44 | 22.51 -0.16 -0.04 | 25.69 -0.18 -0.07 | 21.70 -0.21 -0.54 | 28.57 -0.40 -0.63 | 29.76 -0.38 -0.69 | 34.58 -0.49 -2.06 | 33.69 -0.42 -1.98 | 34.35 -0.43 -1.46 | 28.30 -0.40 -1.72 | 27.89 -0.45 -1.74 | 30.21 -0.52 -1.63 | 34.08 -0.58 -2.60 | 49.99 -0.72 -2.54 | 52.71 -0.77 -1.99 | 45.61 -0.71 -1.97 | 40.77 -0.62 -2.68 | 37.66 -0.65 -1.98 | 35.90 -0.67 -1.23 | 28.44 -0.50 -1.09 |
| FULTON___LFGE 323630 | 34.65 1.72 -11.41 | 32.36 1.73 -8.13 | 31.02 1.54 -9.76 | 29.44 1.48 -9.23 | 31.34 1.59 -10.80 | 28.92 1.99 -4.30 | 33.41 2.35 -5.27 | 35.72 2.03 -12.32 | 46.70 2.72 -15.65 | 49.69 3.50 -16.74 | 81.07 3.99 -44.06 | 76.02 3.82 -40.07 | 66.72 3.96 -29.44 | 64.74 3.05 -34.70 | 64.78 2.95 -35.23 | 64.82 2.85 -32.86 | 88.31 3.81 -52.44 | 106.14 6.74 -51.21 | 98.78 7.16 -40.12 | 90.16 5.99 -39.83 | 97.78 5.03 -54.04 | 80.80 4.50 -39.96 | 64.26 4.10 -24.82 | 53.02 3.12 -22.06 |
| G.F.CEMENT___DRP 24184 | 33.16 1.68 -9.97 | 31.26 1.66 -7.10 | 29.72 1.48 -8.52 | 28.24 1.44 -8.06 | 29.79 1.40 -9.43 | 28.19 1.81 -3.75 | 32.30 1.91 -4.59 | 33.74 1.60 -10.77 | 44.53 2.44 -13.76 | 46.67 2.50 -14.72 | 74.54 2.77 -38.75 | 70.04 2.67 -35.24 | 61.98 2.76 -25.89 | 59.69 2.19 -30.52 | 59.68 2.10 -30.98 | 60.40 2.39 -28.90 | 80.81 2.63 -46.13 | 97.51 4.29 -45.04 | 91.32 4.53 -35.29 | 83.15 3.77 -35.03 | 89.42 3.17 -47.53 | 74.61 3.13 -35.15 | 60.25 3.07 -21.83 | 49.84 2.59 -19.40 |
| GARDENVILLE___LBMP 24039 | 22.56 -0.13 -1.17 | 23.15 -0.16 -0.81 | 20.69 -0.04 -1.01 | 19.66 -0.04 -0.96 | 20.06 -0.02 -1.12 | 22.95 -0.07 -0.39 | 25.67 -0.62 -0.49 | 22.11 -0.56 -1.30 | 29.53 -0.40 -1.59 | 30.72 -0.44 -1.71 | 36.86 -0.76 -4.60 | 35.27 -1.09 -4.23 | 35.24 -1.20 -3.11 | 29.49 -1.16 -3.67 | 29.26 -1.06 -3.72 | 31.82 -0.76 -3.47 | 36.48 -1.12 -5.54 | 52.34 -1.25 -5.41 | 54.40 -1.34 -4.24 | 46.99 -1.55 -4.19 | 42.62 -1.78 -5.69 | 38.65 -1.89 -4.21 | 36.15 -1.80 -2.61 | 29.31 -0.86 -2.32 |
| GENERAL___MILLS 23808 | 22.63 -0.06 -1.18 | 23.22 -0.09 -0.81 | 20.75 0.02 -1.01 | 19.72 0.02 -0.96 | 20.12 0.04 -1.13 | 23.03 0.00 -0.39 | 25.78 -0.52 -0.49 | 22.21 -0.47 -1.31 | 29.65 -0.28 -1.60 | 30.85 -0.32 -1.72 | 37.02 -0.63 -4.63 | 35.42 -0.96 -4.26 | 35.38 -1.07 -3.13 | 29.62 -1.05 -3.69 | 29.39 -0.96 -3.74 | 31.96 -0.64 -3.49 | 36.64 -0.99 -5.57 | 52.56 -1.06 -5.44 | 54.63 -1.13 -4.27 | 47.19 -1.38 -4.22 | 42.81 -1.62 -5.72 | 38.82 -1.74 -4.23 | 36.31 -1.66 -2.63 | 29.43 -0.75 -2.34 |
| GE_PLASTICS___DRP 24183 | 32.13 1.14 -9.47 | 30.50 1.21 -6.78 | 28.89 1.06 -8.10 | 27.40 1.01 -7.65 | 28.93 1.02 -8.95 | 27.47 1.22 -3.62 | 31.49 1.26 -4.43 | 32.63 1.07 -10.20 | 43.00 1.59 -13.08 | 45.05 1.62 -13.99 | 71.61 1.88 -36.72 | 67.26 1.80 -33.34 | 59.68 1.86 -24.49 | 57.34 1.48 -28.87 | 57.37 1.46 -29.31 | 58.11 1.66 -27.34 | 77.49 1.79 -43.63 | 93.49 2.70 -42.61 | 87.76 2.88 -33.38 | 79.97 2.48 -33.14 | 85.80 2.13 -44.96 | 71.54 1.96 -33.25 | 57.90 1.91 -20.65 | 47.65 1.45 -18.35 |
| GILBOA___1 23756 | 30.00 1.12 -7.37 | 29.01 1.24 -5.28 | 27.13 1.10 -6.30 | 25.72 1.03 -5.95 | 26.96 1.04 -6.97 | 26.63 1.18 -2.82 | 30.59 1.34 -3.44 | 30.48 1.17 -7.93 | 40.10 1.64 -10.13 | 41.96 1.68 -10.83 | 63.39 1.95 -28.43 | 59.84 1.90 -25.81 | 54.22 1.93 -18.96 | 50.91 1.56 -22.35 | 50.83 1.54 -22.69 | 52.03 1.75 -21.17 | 67.70 1.86 -33.78 | 83.77 2.60 -32.99 | 80.17 2.83 -25.85 | 72.44 2.44 -25.65 | 75.69 2.17 -34.81 | 64.15 2.07 -25.74 | 53.31 1.98 -15.99 | 43.59 1.53 -14.21 |
| GILBOA___2 23757 | 30.00 1.12 -7.37 | 29.01 1.24 -5.28 | 27.13 1.10 -6.30 | 25.72 1.03 -5.95 | 26.96 1.04 -6.97 | 26.63 1.18 -2.82 | 30.59 1.34 -3.44 | 30.48 1.17 -7.93 | 40.10 1.64 -10.13 | 41.96 1.68 -10.83 | 63.39 1.95 -28.43 | 59.84 1.90 -25.81 | 54.22 1.93 -18.96 | 50.91 1.56 -22.35 | 50.83 1.54 -22.69 | 52.03 1.75 -21.17 | 67.70 1.86 -33.78 | 83.77 2.60 -32.99 | 80.17 2.83 -25.85 | 72.44 2.44 -25.65 | 75.69 2.17 -34.81 | 64.15 2.07 -25.74 | 53.31 1.98 -15.99 | 43.59 1.53 -14.21 |
| GILBOA___3 23758 | 30.00 1.12 -7.37 | 29.01 1.24 -5.28 | 27.13 1.10 -6.30 | 25.72 1.03 -5.95 | 26.96 1.04 -6.97 | 26.63 1.18 -2.82 | 30.59 1.34 -3.44 | 30.48 1.17 -7.93 | 40.10 1.64 -10.13 | 41.96 1.68 -10.83 | 63.39 1.95 -28.43 | 59.84 1.90 -25.81 | 54.22 1.93 -18.96 | 50.91 1.56 -22.35 | 50.83 1.54 -22.69 | 52.03 1.75 -21.17 | 67.70 1.86 -33.78 | 83.77 2.60 -32.99 | 80.17 2.83 -25.85 | 72.44 2.44 -25.65 | 75.69 2.17 -34.81 | 64.15 2.07 -25.74 | 53.31 1.98 -15.99 | 43.59 1.53 -14.21 |
| GILBOA___4 23759 | 30.00 1.12 -7.37 | 29.01 1.24 -5.28 | 27.13 1.10 -6.30 | 25.72 1.03 -5.95 | 26.96 1.04 -6.97 | 26.63 1.18 -2.82 | 30.59 1.34 -3.44 | 30.48 1.17 -7.93 | 40.10 1.64 -10.13 | 41.96 1.68 -10.83 | 63.39 1.95 -28.43 | 59.84 1.90 -25.81 | 54.22 1.93 -18.96 | 50.91 1.56 -22.35 | 50.83 1.54 -22.69 | 52.03 1.75 -21.17 | 67.70 1.86 -33.78 | 83.77 2.60 -32.99 | 80.17 2.83 -25.85 | 72.44 2.44 -25.65 | 75.69 2.17 -34.81 | 64.15 2.07 -25.74 | 53.31 1.98 -15.99 | 43.59 1.53 -14.21 |
| GILBOA____ 23599 | 30.00 1.12 -7.37 | 29.01 1.24 -5.28 | 27.13 1.10 -6.30 | 25.72 1.03 -5.95 | 26.96 1.04 -6.97 | 26.63 1.18 -2.82 | 30.59 1.34 -3.44 | 30.48 1.17 -7.93 | 40.10 1.64 -10.13 | 41.96 1.68 -10.83 | 63.39 1.95 -28.43 | 59.84 1.90 -25.81 | 54.22 1.93 -18.96 | 50.91 1.56 -22.35 | 50.83 1.54 -22.69 | 52.03 1.75 -21.17 | 67.70 1.86 -33.78 | 83.77 2.60 -32.99 | 80.17 2.83 -25.85 | 72.44 2.44 -25.65 | 75.69 2.17 -34.81 | 64.15 2.07 -25.74 | 53.31 1.98 -15.99 | 43.59 1.53 -14.21 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GINNA____ 23603 | 21.12 -1.20 -0.81 | 21.74 -1.31 -0.54 | 19.29 -1.12 -0.70 | 18.35 -1.05 -0.66 | 18.69 -1.04 -0.78 | 21.68 -1.20 -0.25 | 24.65 -1.47 -0.32 | 21.00 -1.28 -0.91 | 27.86 -1.59 -1.11 | 29.03 -1.62 -1.20 | 34.39 -1.88 -3.26 | 33.18 -1.96 -3.01 | 33.47 -2.07 -2.21 | 27.84 -1.75 -2.61 | 27.52 -1.73 -2.65 | 29.78 -1.80 -2.47 | 33.98 -2.02 -3.94 | 49.38 -2.65 -3.85 | 51.68 -2.83 -3.02 | 44.67 -2.66 -2.98 | 40.28 -2.48 -4.04 | 36.85 -2.47 -2.99 | 34.72 -2.47 -1.86 | 27.71 -1.78 -1.65 |
| GLEN PARK____ 23778 | 20.36 -0.37 0.79 | 21.00 -0.38 1.12 | 18.69 -0.38 0.66 | 17.92 -0.30 0.52 | 18.16 -0.27 0.53 | 21.24 -0.18 1.21 | 24.34 -0.15 1.30 | 21.08 0.00 0.29 | 27.56 -0.11 0.66 | 28.80 -0.09 0.56 | 33.13 -0.10 -0.21 | 32.91 -0.22 -1.01 | 33.83 -0.23 -0.74 | 27.64 -0.22 -0.87 | 27.24 -0.24 -0.89 | 29.67 -0.26 -0.83 | 33.22 -0.16 -1.32 | 49.56 0.10 -1.29 | 52.66 0.15 -1.01 | 45.31 -0.04 -1.00 | 40.00 -0.08 -1.36 | 37.23 -0.11 -1.01 | 35.76 -0.21 -0.63 | 28.21 -0.19 -0.56 |
| GLENWOOD_IC_1_G5 23712 | 35.17 2.43 -11.22 | 30.42 2.52 -5.41 | 28.44 2.27 -6.45 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.03 2.51 -2.88 | 32.27 2.94 -3.53 | 39.05 2.56 -15.12 | 42.89 3.66 -10.90 | 44.98 3.80 -11.73 | 82.00 4.49 -44.50 | 80.35 4.34 -43.88 | 76.00 4.47 -38.21 | 73.33 3.62 -42.73 | 76.34 3.62 -46.12 | 77.62 3.99 -44.53 | 102.54 4.30 -66.18 | 106.54 6.69 -51.67 | 123.14 7.21 -64.43 | 105.42 6.21 -54.86 | 103.78 5.34 -59.73 | 103.76 4.90 -62.52 | 77.29 4.74 -37.21 | 60.71 3.59 -29.27 |
| GLENWOOD_IC_2_G1 23688 | 35.04 2.30 -11.22 | 30.29 2.38 -5.40 | 28.30 2.13 -6.45 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.87 2.35 -2.88 | 32.12 2.79 -3.53 | 38.92 2.44 -15.12 | 42.71 3.48 -10.90 | 44.65 3.59 -11.61 | 77.27 4.26 -40.00 | 74.95 4.11 -38.71 | 70.09 4.23 -32.54 | 67.18 3.43 -36.77 | 68.55 3.43 -38.51 | 69.75 3.81 -36.83 | 97.26 4.07 -61.13 | 101.60 6.36 -47.06 | 111.18 6.85 -52.83 | 100.51 5.90 -50.26 | 98.65 5.07 -54.86 | 98.64 4.65 -57.66 | 69.95 4.45 -30.15 | 53.62 3.40 -22.37 |
| GLENWOOD_IC_3_G1 23689 | 35.04 2.30 -11.22 | 30.29 2.38 -5.40 | 28.30 2.13 -6.45 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.87 2.35 -2.88 | 32.12 2.79 -3.53 | 38.92 2.44 -15.12 | 42.71 3.48 -10.90 | 44.65 3.59 -11.61 | 77.27 4.26 -40.00 | 74.95 4.11 -38.71 | 70.09 4.23 -32.54 | 67.18 3.43 -36.77 | 68.55 3.43 -38.51 | 69.75 3.81 -36.83 | 97.26 4.07 -61.13 | 101.60 6.36 -47.06 | 111.18 6.85 -52.83 | 100.51 5.90 -50.26 | 98.65 5.07 -54.86 | 98.64 4.65 -57.66 | 69.95 4.45 -30.15 | 53.62 3.40 -22.37 |
| GLENWOOD____4 23550 | 35.17 2.43 -11.22 | 30.42 2.52 -5.41 | 28.44 2.27 -6.45 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.03 2.51 -2.88 | 32.27 2.94 -3.53 | 39.05 2.56 -15.12 | 42.89 3.66 -10.90 | 44.98 3.80 -11.73 | 82.00 4.49 -44.50 | 80.35 4.34 -43.88 | 76.00 4.47 -38.21 | 73.33 3.62 -42.73 | 76.34 3.62 -46.12 | 77.62 3.99 -44.53 | 102.54 4.30 -66.18 | 106.54 6.69 -51.67 | 123.14 7.21 -64.43 | 105.42 6.21 -54.86 | 103.78 5.34 -59.73 | 103.76 4.90 -62.52 | 77.29 4.74 -37.21 | 60.71 3.59 -29.27 |
| GLENWOOD____5 23614 | 35.17 2.43 -11.22 | 30.42 2.52 -5.41 | 28.44 2.27 -6.45 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.03 2.51 -2.88 | 32.27 2.94 -3.53 | 39.05 2.56 -15.12 | 42.89 3.66 -10.90 | 44.98 3.80 -11.73 | 82.00 4.49 -44.50 | 80.35 4.34 -43.88 | 76.00 4.47 -38.21 | 73.33 3.62 -42.73 | 76.34 3.62 -46.12 | 77.62 3.99 -44.53 | 102.54 4.30 -66.18 | 106.54 6.69 -51.67 | 123.14 7.21 -64.43 | 105.42 6.21 -54.86 | 103.78 5.34 -59.73 | 103.76 4.90 -62.52 | 77.29 4.74 -37.21 | 60.71 3.59 -29.27 |
| GLOBAL GREEN_PORT_GT1 23814 | 37.00 4.26 -11.23 | 32.34 4.43 -5.41 | 30.09 3.93 -6.45 | 28.48 3.65 -6.08 | 29.76 3.70 -7.11 | 29.88 4.37 -2.88 | 34.49 5.16 -3.53 | 40.94 4.44 -15.12 | 45.57 6.35 -10.90 | 47.81 6.83 -11.53 | 78.21 8.05 -37.14 | 75.36 7.81 -35.42 | 70.36 8.10 -28.94 | 66.53 6.56 -32.98 | 73.38 6.49 -40.29 | 75.57 7.13 -39.33 | 102.77 7.92 -62.79 | 109.32 12.58 -48.56 | 110.52 13.54 -45.48 | 107.64 11.53 -51.76 | 104.97 9.79 -56.46 | 104.57 8.98 -59.26 | 76.54 8.73 -32.46 | 52.47 6.63 -18.00 |
| GLOBE____DSASP 323697 | 21.74 -0.86 -1.09 | 22.34 -0.90 -0.74 | 19.98 -0.67 -0.93 | 18.99 -0.64 -0.89 | 19.37 -0.62 -1.04 | 22.15 -0.84 -0.36 | 24.49 -1.76 -0.45 | 21.06 -1.52 -1.21 | 28.05 -1.76 -1.48 | 29.18 -1.85 -1.59 | 34.98 -2.31 -4.28 | 33.50 -2.57 -3.94 | 33.49 -2.73 -2.90 | 28.00 -2.40 -3.41 | 27.78 -2.29 -3.46 | 30.19 -2.15 -3.23 | 34.62 -2.60 -5.16 | 49.60 -3.61 -5.04 | 51.53 -3.92 -3.95 | 44.53 -3.73 -3.90 | 40.37 -3.64 -5.30 | 36.65 -3.60 -3.92 | 34.38 -3.39 -2.43 | 27.87 -2.14 -2.16 |
| GOETHSLN____LBMP 323567 | 31.25 2.22 -7.52 | 30.22 2.34 -5.38 | 28.24 2.09 -6.43 | 26.74 1.93 -6.07 | 27.99 1.93 -7.10 | 27.79 2.28 -2.87 | 32.08 2.76 -3.51 | 31.94 2.48 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.10 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.77 3.94 -35.77 | 89.23 6.12 -34.93 | 85.40 6.54 -27.37 | 77.24 5.72 -27.16 | 80.53 4.96 -36.86 | 68.13 4.54 -27.26 | 56.62 4.35 -16.93 | 46.12 3.23 -15.04 |
| GOODYEAR_LAKE_HYD 323669 | 24.60 0.92 -2.16 | 25.06 1.01 -1.54 | 22.46 0.89 -1.84 | 21.34 0.86 -1.74 | 21.86 0.87 -2.04 | 24.52 1.06 -0.82 | 28.07 1.26 -1.01 | 24.86 1.17 -2.32 | 32.82 1.59 -2.90 | 34.20 1.65 -3.10 | 43.04 1.88 -8.15 | 41.23 1.70 -7.40 | 40.49 1.73 -5.43 | 34.77 1.38 -6.41 | 34.43 1.33 -6.50 | 36.75 1.57 -6.07 | 43.47 1.73 -9.68 | 60.48 2.84 -9.45 | 62.04 3.14 -7.41 | 54.27 2.57 -7.34 | 50.84 2.17 -9.96 | 45.66 1.96 -7.37 | 41.69 1.77 -4.58 | 33.31 1.39 -4.07 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 24.41 0.54 -2.35 | 24.71 0.56 -1.65 | 22.25 0.51 -2.01 | 21.13 0.49 -1.91 | 21.68 0.49 -2.24 | 24.07 0.59 -0.85 | 27.51 0.67 -1.04 | 24.47 0.53 -2.57 | 32.21 0.71 -3.16 | 33.54 0.71 -3.39 | 42.71 0.69 -9.00 | 40.99 0.64 -8.22 | 40.03 0.67 -6.04 | 34.57 0.46 -7.12 | 34.25 0.42 -7.23 | 36.43 0.58 -6.74 | 43.36 0.54 -10.76 | 59.80 1.11 -10.51 | 60.96 1.23 -8.23 | 53.39 0.89 -8.15 | 50.43 0.66 -11.07 | 45.06 0.55 -8.18 | 40.88 0.46 -5.08 | 32.95 0.59 -4.52 |
| GOUDEY____7 23579 | 24.41 0.54 -2.35 | 24.71 0.56 -1.65 | 22.25 0.51 -2.01 | 21.15 0.51 -1.91 | 21.70 0.51 -2.24 | 24.07 0.59 -0.85 | 27.51 0.67 -1.04 | 24.49 0.55 -2.57 | 32.21 0.71 -3.16 | 33.54 0.71 -3.39 | 42.71 0.69 -9.00 | 41.02 0.68 -8.22 | 40.03 0.67 -6.04 | 34.57 0.46 -7.12 | 34.25 0.42 -7.23 | 36.46 0.61 -6.74 | 43.36 0.54 -10.76 | 59.80 1.11 -10.51 | 61.02 1.29 -8.23 | 53.44 0.93 -8.15 | 50.47 0.70 -11.07 | 45.10 0.58 -8.18 | 40.88 0.46 -5.08 | 32.98 0.61 -4.52 |
| GOUDEY____8 23580 | 24.41 0.54 -2.35 | 24.71 0.56 -1.65 | 22.25 0.51 -2.01 | 21.13 0.49 -1.91 | 21.68 0.49 -2.24 | 24.07 0.59 -0.85 | 27.51 0.67 -1.04 | 24.47 0.53 -2.57 | 32.21 0.71 -3.16 | 33.54 0.71 -3.39 | 42.71 0.69 -9.00 | 40.99 0.64 -8.22 | 40.03 0.67 -6.04 | 34.57 0.46 -7.12 | 34.25 0.42 -7.23 | 36.43 0.58 -6.74 | 43.36 0.54 -10.76 | 59.80 1.11 -10.51 | 60.96 1.23 -8.23 | 53.39 0.89 -8.15 | 50.43 0.66 -11.07 | 45.06 0.55 -8.18 | 40.88 0.46 -5.08 | 32.95 0.59 -4.52 |
| GOWANUS_GT1_1 24077 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |

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|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_2 24078 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_3 24079 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_4 24080 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_5 24084 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_6 24111 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_7 24112 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT1_8 24113 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_1 24114 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_2 24115 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_3 24116 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_4 24117 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_5 24118 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_6 24119 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_7 24120 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT2_8 24121 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_1 24122 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_2 24123 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_3 24124 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_4 24125 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_5 24126 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_6 24127 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_7 24128 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT3_8 24129 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_1 24130 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_2 24131 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_3 24132 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_4 24133 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_5 24134 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_6 24135 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GOWANUS_GT4_7 24136 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |

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|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_8 24137 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GREENIDGE___3 23582 | 23.31 0.39 -1.40 | 23.85 0.38 -0.97 | 21.28 0.36 -1.20 | 20.24 0.36 -1.14 | 20.65 0.36 -1.34 | 23.58 0.48 -0.47 | 26.91 0.52 -0.59 | 23.32 0.40 -1.55 | 30.69 0.45 -1.90 | 31.99 0.50 -2.04 | 38.96 0.46 -5.48 | 37.61 0.45 -5.03 | 37.45 0.43 -3.70 | 31.56 0.21 -4.36 | 31.16 0.13 -4.43 | 33.53 0.29 -4.13 | 38.93 0.29 -6.59 | 55.63 1.01 -6.43 | 57.72 1.19 -5.04 | 50.03 0.71 -4.97 | 45.89 0.43 -6.75 | 41.54 0.22 -4.99 | 38.55 0.11 -3.10 | 30.99 0.39 -2.75 |
| GREENIDGE___4 23583 | 23.31 0.39 -1.40 | 23.85 0.38 -0.97 | 21.28 0.36 -1.20 | 20.24 0.36 -1.14 | 20.65 0.36 -1.34 | 23.58 0.48 -0.47 | 26.91 0.52 -0.59 | 23.32 0.40 -1.55 | 30.69 0.45 -1.90 | 31.99 0.50 -2.04 | 38.96 0.46 -5.48 | 37.61 0.45 -5.03 | 37.45 0.43 -3.70 | 31.56 0.21 -4.36 | 31.16 0.13 -4.43 | 33.53 0.29 -4.13 | 38.93 0.29 -6.59 | 55.63 1.01 -6.43 | 57.72 1.19 -5.04 | 50.03 0.71 -4.97 | 45.89 0.43 -6.75 | 41.54 0.22 -4.99 | 38.55 0.11 -3.10 | 30.99 0.39 -2.75 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| GROVEVILLE___HYD 323602 | 31.30 2.07 -7.72 | 30.16 2.14 -5.53 | 28.19 1.87 -6.60 | 26.73 1.76 -6.23 | 28.01 1.76 -7.29 | 27.64 2.06 -2.95 | 31.83 2.42 -3.61 | 31.81 2.14 -8.31 | 42.44 3.17 -10.93 | 44.44 3.30 -11.69 | 67.53 3.83 -30.68 | 63.75 3.76 -27.86 | 57.66 3.86 -20.47 | 54.19 3.08 -24.13 | 54.18 3.08 -24.49 | 55.36 3.40 -22.85 | 72.21 3.69 -36.47 | 89.47 5.68 -35.61 | 85.52 6.13 -27.90 | 77.32 5.28 -27.69 | 80.81 4.53 -37.58 | 68.23 4.10 -27.79 | 56.49 3.89 -17.26 | 46.11 2.92 -15.34 |
| HAMPSHIRE___PAPER_HYD 323593 | 17.59 -1.12 2.80 | 17.90 -1.15 3.45 | 16.32 -1.05 2.36 | 15.82 -0.95 1.96 | 15.90 -0.97 2.08 | 18.16 -1.04 3.43 | 20.93 -1.13 3.74 | 18.99 -0.81 1.56 | 24.17 -1.42 2.74 | 25.50 -1.38 2.56 | 29.13 -1.55 2.33 | 30.59 -1.54 0.00 | 31.76 -1.57 0.00 | 25.83 -1.16 0.00 | 25.46 -1.14 0.00 | 27.51 -1.60 0.00 | 30.55 -1.51 0.00 | 46.06 -2.12 0.00 | 49.18 -2.32 0.00 | 42.27 -2.08 0.00 | 36.93 -1.78 0.00 | 34.84 -1.49 0.00 | 34.14 -1.20 0.00 | 26.87 -0.98 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 22.34 1.20 0.37 | 23.37 1.24 0.36 | 20.47 1.06 0.32 | 19.47 1.01 0.28 | 19.66 1.02 0.32 | 23.56 1.22 0.30 | 26.86 1.39 0.33 | 22.17 1.11 0.31 | 29.30 1.39 0.42 | 30.64 1.62 0.43 | 34.00 1.81 0.83 | 33.28 1.77 0.62 | 34.74 1.86 0.45 | 27.94 1.48 0.53 | 27.49 1.44 0.54 | 29.97 1.37 0.51 | 32.89 1.63 0.81 | 49.90 2.50 0.79 | 53.55 2.68 0.62 | 46.00 2.26 0.61 | 39.82 1.93 0.83 | 37.61 1.89 0.61 | 36.83 1.87 0.38 | 29.04 1.53 0.34 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 30.46 1.87 -7.08 | 29.52 1.96 -5.07 | 27.49 1.72 -6.05 | 26.07 1.61 -5.72 | 27.25 1.61 -6.69 | 27.21 1.88 -2.71 | 31.35 2.24 -3.31 | 30.97 1.99 -7.62 | 41.75 3.06 -10.36 | 43.68 3.15 -11.08 | 65.75 3.66 -29.08 | 62.13 3.60 -26.40 | 56.45 3.73 -19.40 | 52.80 2.94 -22.87 | 52.76 2.95 -23.21 | 54.05 3.29 -21.65 | 70.14 3.53 -34.56 | 87.42 5.49 -33.75 | 83.85 5.92 -26.44 | 75.69 5.10 -26.24 | 78.65 4.33 -35.61 | 66.63 3.96 -26.33 | 55.41 3.71 -16.35 | 45.16 2.78 -14.53 |
| HARZA MOOSE___RIVER 24016 | 20.79 0.11 0.84 | 21.58 0.11 1.03 | 19.10 0.08 0.70 | 18.27 0.11 0.59 | 18.46 0.13 0.62 | 21.86 0.25 1.02 | 25.00 0.31 1.12 | 21.24 0.34 0.47 | 27.80 0.28 0.82 | 29.10 0.41 0.76 | 32.78 0.46 0.69 | 32.48 0.35 0.00 | 33.69 0.37 0.00 | 27.28 0.30 0.00 | 26.86 0.27 0.00 | 29.31 0.21 0.00 | 32.44 0.39 0.00 | 49.00 0.82 0.00 | 52.42 0.93 0.00 | 45.02 0.67 0.00 | 39.29 0.58 0.00 | 36.84 0.51 0.00 | 35.80 0.46 0.00 | 28.18 0.34 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 31.41 2.37 -7.53 | 30.34 2.45 -5.39 | 28.33 2.17 -6.44 | 26.83 2.01 -6.08 | 28.09 2.03 -7.11 | 27.88 2.38 -2.87 | 32.08 2.76 -3.51 | 32.01 2.54 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.43 3.90 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| HEMPSTEAD____ 23647 | 35.25 2.52 -11.22 | 30.51 2.61 -5.41 | 28.51 2.35 -6.45 | 27.03 2.21 -6.08 | 28.28 2.22 -7.11 | 28.12 2.60 -2.88 | 32.37 3.04 -3.53 | 39.14 2.65 -15.12 | 43.03 3.80 -10.90 | 45.13 3.92 -11.77 | 83.31 4.59 -45.71 | 81.80 4.40 -45.27 | 77.55 4.50 -39.73 | 74.98 3.67 -44.33 | 78.84 3.67 -48.57 | 80.26 4.11 -47.04 | 104.22 4.33 -67.83 | 108.15 6.79 -53.18 | 126.35 7.31 -67.54 | 107.01 6.30 -56.37 | 105.41 5.38 -61.32 | 105.42 4.98 -64.11 | 79.74 4.88 -39.52 | 62.66 3.70 -31.11 |
| HICKLING___1 23621 | 23.91 0.58 -1.82 | 24.35 0.58 -1.26 | 21.85 0.57 -1.55 | 20.77 0.56 -1.47 | 21.25 0.57 -1.73 | 23.95 0.68 -0.64 | 27.31 0.72 -0.79 | 23.91 0.55 -1.99 | 31.63 0.85 -2.45 | 32.78 0.71 -2.63 | 40.61 0.59 -7.00 | 39.09 0.55 -6.41 | 38.60 0.57 -4.71 | 32.87 0.33 -5.55 | 32.48 0.24 -5.64 | 35.01 0.64 -5.26 | 40.84 0.39 -8.39 | 57.58 1.20 -8.20 | 59.31 1.39 -6.42 | 51.54 0.84 -6.35 | 47.83 0.50 -8.62 | 43.03 0.33 -6.37 | 39.51 0.21 -3.96 | 32.01 0.64 -3.52 |
| HICKLING___2 23622 | 23.91 0.58 -1.82 | 24.35 0.58 -1.26 | 21.85 0.57 -1.55 | 20.77 0.56 -1.47 | 21.25 0.57 -1.73 | 23.95 0.68 -0.64 | 27.31 0.72 -0.79 | 23.91 0.55 -1.99 | 31.63 0.85 -2.45 | 32.78 0.71 -2.63 | 40.61 0.59 -7.00 | 39.09 0.55 -6.41 | 38.60 0.57 -4.71 | 32.87 0.33 -5.55 | 32.48 0.24 -5.64 | 35.01 0.64 -5.26 | 40.84 0.39 -8.39 | 57.58 1.20 -8.20 | 59.31 1.39 -6.42 | 51.54 0.84 -6.35 | 47.83 0.50 -8.62 | 43.03 0.33 -6.37 | 39.51 0.21 -3.96 | 32.01 0.64 -3.52 |
| HIGH FALLS___HY 23754 | 30.79 1.85 -7.43 | 29.75 1.94 -5.32 | 27.77 1.70 -6.35 | 26.33 1.59 -6.00 | 27.56 1.59 -7.02 | 27.33 1.86 -2.84 | 31.49 2.22 -3.47 | 31.33 1.96 -7.99 | 41.33 2.69 -10.30 | 43.47 3.01 -11.01 | 65.39 3.47 -28.91 | 61.78 3.40 -26.25 | 56.11 3.50 -19.29 | 52.48 2.75 -22.74 | 52.44 2.77 -23.08 | 53.52 2.88 -21.53 | 69.72 3.30 -34.36 | 86.79 5.06 -33.55 | 83.24 5.46 -26.29 | 75.19 4.75 -26.09 | 78.14 4.03 -35.40 | 66.15 3.63 -26.18 | 55.03 3.43 -16.26 | 44.86 2.56 -14.45 |
| HILLBURN___GT 23639 | 30.56 1.87 -7.17 | 29.59 1.96 -5.14 | 27.57 1.72 -6.13 | 26.15 1.61 -5.80 | 27.34 1.61 -6.78 | 27.25 1.88 -2.74 | 31.40 2.24 -3.35 | 31.10 2.01 -7.72 | 41.65 2.92 -10.40 | 43.57 3.01 -11.12 | 65.76 3.57 -29.18 | 62.10 3.47 -26.50 | 56.36 3.57 -19.47 | 52.83 2.89 -22.95 | 52.77 2.87 -23.30 | 54.02 3.17 -21.73 | 70.17 3.43 -34.68 | 87.40 5.35 -33.87 | 83.85 5.82 -26.54 | 75.70 5.01 -26.34 | 78.75 4.30 -35.74 | 66.69 3.93 -26.43 | 55.43 3.68 -16.41 | 45.22 2.78 -14.59 |

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|-------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| HISHELDN_WT_PWR 323625 | 22.70 -0.09 -1.27 | 23.26 -0.11 -0.87 | 20.81 0.00 -1.09 | 19.77 0.00 -1.03 | 20.19 0.02 -1.22 | 23.04 -0.02 -0.43 | 25.84 -0.49 -0.53 | 22.32 -0.45 -1.40 | 29.72 -0.34 -1.72 | 30.89 -0.41 -1.85 | 37.28 -0.69 -4.97 | 35.76 -0.93 -4.56 | 35.64 -1.03 -3.35 | 29.94 -1.00 -3.95 | 29.68 -0.93 -4.01 | 32.21 -0.64 -3.74 | 37.03 -0.99 -5.97 | 53.00 -1.01 -5.83 | 54.98 -1.08 -4.57 | 47.54 -1.33 -4.52 | 43.33 -1.51 -6.13 | 39.23 -1.63 -4.53 | 36.60 -1.55 -2.82 | 29.65 -0.70 -2.50 |
| HOLTSVILLE_IC_1 23690 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| HOLTSVILLE_IC_10 23699 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.07 4.84 -10.90 | 46.02 5.03 -11.53 | 76.23 5.94 -37.28 | 73.43 5.72 -35.58 | 68.33 5.90 -29.11 | 64.96 4.80 -33.17 | 71.82 4.79 -40.43 | 73.93 5.36 -39.46 | 100.67 5.74 -62.88 | 105.78 8.96 -48.64 | 107.01 9.68 -45.84 | 104.44 8.25 -51.84 | 102.34 7.08 -56.55 | 102.14 6.47 -59.34 | 74.29 6.36 -32.58 | 50.87 4.82 -18.21 |
| HOLTSVILLE_IC_2 23691 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| HOLTSVILLE_IC_3 23692 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| HOLTSVILLE_IC_4 23693 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| HOLTSVILLE_IC_5 23694 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| HOLTSVILLE_IC_6 23695 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.07 4.84 -10.90 | 46.02 5.03 -11.53 | 76.23 5.94 -37.28 | 73.43 5.72 -35.58 | 68.33 5.90 -29.11 | 64.96 4.80 -33.17 | 71.82 4.79 -40.43 | 73.93 5.36 -39.46 | 100.67 5.74 -62.88 | 105.78 8.96 -48.64 | 107.01 9.68 -45.84 | 104.44 8.25 -51.84 | 102.34 7.08 -56.55 | 102.14 6.47 -59.34 | 74.29 6.36 -32.58 | 50.87 4.82 -18.21 |
| HOLTSVILLE_IC_7 23696 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.07 4.84 -10.90 | 46.02 5.03 -11.53 | 76.23 5.94 -37.28 | 73.43 5.72 -35.58 | 68.33 5.90 -29.11 | 64.96 4.80 -33.17 | 71.82 4.79 -40.43 | 73.93 5.36 -39.46 | 100.67 5.74 -62.88 | 105.78 8.96 -48.64 | 107.01 9.68 -45.84 | 104.44 8.25 -51.84 | 102.34 7.08 -56.55 | 102.14 6.47 -59.34 | 74.29 6.36 -32.58 | 50.87 4.82 -18.21 |
| HOLTSVILLE_IC_8 23697 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.07 4.84 -10.90 | 46.02 5.03 -11.53 | 76.23 5.94 -37.28 | 73.43 5.72 -35.58 | 68.33 5.90 -29.11 | 64.96 4.80 -33.17 | 71.82 4.79 -40.43 | 73.93 5.36 -39.46 | 100.67 5.74 -62.88 | 105.78 8.96 -48.64 | 107.01 9.68 -45.84 | 104.44 8.25 -51.84 | 102.34 7.08 -56.55 | 102.14 6.47 -59.34 | 74.29 6.36 -32.58 | 50.87 4.82 -18.21 |
| HOLTSVILLE_IC_9 23698 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.07 4.84 -10.90 | 46.02 5.03 -11.53 | 76.23 5.94 -37.28 | 73.43 5.72 -35.58 | 68.33 5.90 -29.11 | 64.96 4.80 -33.17 | 71.82 4.79 -40.43 | 73.93 5.36 -39.46 | 100.67 5.74 -62.88 | 105.78 8.96 -48.64 | 107.01 9.68 -45.84 | 104.44 8.25 -51.84 | 102.34 7.08 -56.55 | 102.14 6.47 -59.34 | 74.29 6.36 -32.58 | 50.87 4.82 -18.21 |
| HOWARD_WT_PWR 323690 | 23.43 0.39 -1.53 | 23.90 0.34 -1.06 | 21.37 0.33 -1.31 | 20.30 0.32 -1.24 | 20.74 0.32 -1.46 | 23.54 0.38 -0.52 | 26.71 0.26 -0.65 | 23.29 0.24 -1.69 | 30.91 0.51 -2.07 | 31.99 0.32 -2.22 | 39.19 0.23 -5.94 | 37.77 0.19 -5.45 | 37.50 0.17 -4.01 | 31.71 0.00 -4.72 | 31.34 -0.05 -4.79 | 34.02 0.44 -4.47 | 39.36 0.16 -7.14 | 56.16 1.01 -6.97 | 58.09 1.13 -5.46 | 50.37 0.62 -5.40 | 46.31 0.27 -7.32 | 41.82 0.07 -5.41 | 38.71 0.00 -3.36 | 31.31 0.47 -2.99 |
| HQ_GEN_CEDARS 23644 | 14.89 -1.81 4.82 | 14.72 -1.84 5.94 | 14.00 -1.66 4.06 | 13.79 -1.57 3.38 | 13.78 -1.59 3.59 | 14.87 -1.86 5.91 | 17.30 -2.06 6.44 | 17.05 -1.62 2.69 | 21.29 -2.32 4.72 | 22.62 -2.41 4.41 | 26.33 -2.67 4.01 | 29.59 -2.54 0.00 | 30.72 -2.60 0.00 | 24.96 -2.02 0.00 | 24.68 -1.92 0.00 | 26.78 -2.33 0.00 | 29.72 -2.34 0.00 | 44.52 -3.66 0.00 | 47.48 -4.02 0.00 | 40.94 -3.41 0.00 | 35.81 -2.90 0.00 | 33.79 -2.54 0.00 | 33.15 -2.19 0.00 | 26.06 -1.78 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 14.89 -1.81 4.82 | 14.72 -1.84 5.94 | 14.00 -1.66 4.06 | 13.79 -1.57 3.38 | 13.78 -1.59 3.59 | 14.87 -1.86 5.91 | 17.30 -2.06 6.44 | 20.87 -1.62 -1.13 | 20.69 -2.32 5.32 | 24.32 -2.41 2.71 | 21.41 -2.67 8.93 | 29.59 -2.54 0.00 | 30.72 -2.60 0.00 | 24.96 -2.02 0.00 | 24.68 -1.92 0.00 | 26.78 -2.33 0.00 | 29.72 -2.34 0.00 | 44.52 -3.66 0.00 | 47.48 -4.02 0.00 | 40.94 -3.41 0.00 | 35.81 -2.90 0.00 | 33.79 -2.54 0.00 | 33.15 -2.19 0.00 | 26.06 -1.78 0.00 |
| HQ_GEN_IMPORT 323601 | 15.09 -0.90 5.53 | 14.75 -0.94 6.80 | 14.24 -0.83 4.66 | 14.08 -0.79 3.87 | 14.03 -0.81 4.11 | 14.89 -0.97 6.77 | 17.34 -1.08 7.37 | 19.84 -0.88 0.65 | 21.14 -1.19 6.00 | 24.86 -1.24 3.36 | 22.11 -1.39 9.52 | 30.81 -1.32 0.00 | 31.99 -1.33 0.00 | 25.93 -1.05 0.00 | 25.59 -1.01 0.00 | 27.94 -1.17 0.00 | 30.87 -1.19 0.00 | 46.30 -1.88 0.00 | 49.43 -2.06 0.00 | 42.62 -1.73 0.00 | 37.28 -1.43 0.00 | 35.03 -1.31 0.00 | 34.18 -1.17 0.00 | 26.87 -0.98 0.00 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| HQ_GEN_WHEEL 23651 | 15.09 -0.90 5.53 | 14.75 -0.94 6.80 | 14.24 -0.83 4.66 | 14.08 -0.79 3.87 | 14.03 -0.81 4.11 | 14.89 -0.97 6.77 | 17.34 -1.08 7.37 | 19.84 -0.88 0.65 | 21.14 -1.19 6.00 | 24.86 -1.24 3.36 | 22.11 -1.39 9.52 | 30.81 -1.32 0.00 | 31.99 -1.33 0.00 | 25.93 -1.05 0.00 | 25.59 -1.01 0.00 | 27.94 -1.17 0.00 | 30.87 -1.19 0.00 | 46.30 -1.88 0.00 | 49.43 -2.06 0.00 | 42.62 -1.73 0.00 | 37.28 -1.43 0.00 | 35.03 -1.31 0.00 | 34.18 -1.17 0.00 | 26.87 -0.98 0.00 |
| HUDSON AVE_GT_3 23810 | 31.31 2.28 -7.52 | 30.24 2.36 -5.38 | 28.24 2.09 -6.43 | 26.76 1.95 -6.07 | 28.01 1.95 -7.10 | 27.79 2.28 -2.87 | 32.05 2.73 -3.51 | 31.94 2.48 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.37 4.26 -30.10 | 63.60 4.15 -27.33 | 57.63 4.23 -20.08 | 54.11 3.46 -23.67 | 54.08 3.46 -24.03 | 55.37 3.84 -22.42 | 71.97 4.14 -35.77 | 89.52 6.41 -34.93 | 85.77 6.90 -27.37 | 77.50 5.99 -27.16 | 80.72 5.15 -36.86 | 68.31 4.72 -27.26 | 56.76 4.49 -16.93 | 46.23 3.34 -15.04 |
| HUDSON AVE_GT_4 23540 | 31.31 2.28 -7.52 | 30.24 2.36 -5.38 | 28.24 2.09 -6.43 | 26.76 1.95 -6.07 | 28.01 1.95 -7.10 | 27.79 2.28 -2.87 | 32.05 2.73 -3.51 | 31.94 2.48 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.37 4.26 -30.10 | 63.60 4.15 -27.33 | 57.63 4.23 -20.08 | 54.11 3.46 -23.67 | 54.08 3.46 -24.03 | 55.37 3.84 -22.42 | 71.97 4.14 -35.77 | 89.52 6.41 -34.93 | 85.77 6.90 -27.37 | 77.50 5.99 -27.16 | 80.72 5.15 -36.86 | 68.31 4.72 -27.26 | 56.76 4.49 -16.93 | 46.23 3.34 -15.04 |
| HUDSON AVE_GT_5 23657 | 31.31 2.28 -7.52 | 30.24 2.36 -5.38 | 28.24 2.09 -6.43 | 26.76 1.95 -6.07 | 28.01 1.95 -7.10 | 27.79 2.28 -2.87 | 32.05 2.73 -3.51 | 31.94 2.48 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.37 4.26 -30.10 | 63.60 4.15 -27.33 | 57.63 4.23 -20.08 | 54.11 3.46 -23.67 | 54.08 3.46 -24.03 | 55.37 3.84 -22.42 | 71.97 4.14 -35.77 | 89.52 6.41 -34.93 | 85.77 6.90 -27.37 | 77.50 5.99 -27.16 | 80.72 5.15 -36.86 | 68.31 4.72 -27.26 | 56.76 4.49 -16.93 | 46.23 3.34 -15.04 |
| HUDSON_AVE_10 24168 | 31.18 2.15 -7.52 | 30.11 2.23 -5.38 | 28.12 1.97 -6.43 | 26.63 1.82 -6.07 | 27.88 1.82 -7.10 | 27.66 2.15 -2.87 | 31.89 2.58 -3.51 | 31.82 2.35 -8.10 | 42.31 3.26 -10.72 | 44.24 3.33 -11.47 | 67.10 3.99 -30.10 | 63.34 3.89 -27.32 | 57.39 4.00 -20.07 | 53.89 3.24 -23.67 | 53.90 3.27 -24.03 | 55.14 3.61 -22.42 | 71.71 3.88 -35.77 | 89.18 6.07 -34.93 | 85.35 6.49 -27.37 | 77.19 5.68 -27.16 | 80.41 4.84 -36.86 | 68.02 4.43 -27.26 | 56.55 4.27 -16.93 | 46.09 3.20 -15.04 |
| HUNTER MOUNT___DRP 323613 | 31.40 1.70 -8.19 | 30.14 1.78 -5.86 | 28.30 1.58 -7.00 | 26.83 1.48 -6.61 | 28.19 1.50 -7.74 | 27.50 1.74 -3.13 | 31.54 1.91 -3.83 | 31.78 1.60 -8.81 | 42.46 2.69 -11.44 | 44.44 2.77 -12.23 | 68.19 3.07 -32.10 | 64.30 3.02 -29.15 | 57.84 3.10 -21.41 | 54.58 2.35 -25.24 | 54.57 2.34 -25.63 | 55.75 2.74 -23.91 | 73.10 2.89 -38.15 | 89.72 4.29 -37.25 | 85.27 4.58 -29.19 | 77.27 3.95 -28.97 | 81.39 3.37 -39.31 | 68.38 2.98 -29.07 | 56.26 2.86 -18.06 | 46.01 2.12 -16.04 |
| HUNTINGTON_RES_REC 323705 | 35.41 2.67 -11.23 | 30.68 2.77 -5.41 | 28.67 2.51 -6.45 | 27.16 2.34 -6.08 | 28.42 2.35 -7.11 | 28.27 2.76 -2.88 | 32.56 3.22 -3.53 | 39.29 2.80 -15.12 | 43.34 4.11 -10.90 | 45.22 4.24 -11.53 | 75.32 5.02 -37.29 | 72.54 4.82 -35.59 | 67.41 4.97 -29.12 | 64.21 4.05 -33.18 | 71.04 4.02 -40.43 | 73.10 4.54 -39.45 | 99.71 4.78 -62.87 | 104.18 7.37 -48.63 | 105.28 7.93 -45.86 | 103.01 6.83 -51.83 | 101.13 5.88 -56.54 | 101.04 5.38 -59.33 | 73.29 5.37 -32.57 | 50.11 4.04 -18.22 |
| HUNTLEY___63 23557 | 22.41 -0.22 -1.11 | 23.01 -0.25 -0.76 | 20.57 -0.10 -0.95 | 19.55 -0.09 -0.90 | 19.94 -0.08 -1.06 | 22.84 -0.16 -0.37 | 25.41 -0.85 -0.46 | 21.81 -0.79 -1.23 | 29.13 -0.71 -1.51 | 30.33 -0.74 -1.62 | 36.32 -1.06 -4.36 | 34.73 -1.41 -4.02 | 34.74 -1.53 -2.95 | 29.03 -1.43 -3.48 | 28.83 -1.30 -3.53 | 31.33 -1.08 -3.29 | 35.87 -1.44 -5.26 | 51.58 -1.73 -5.13 | 53.61 -1.90 -4.02 | 46.29 -2.04 -3.98 | 41.86 -2.25 -5.40 | 38.00 -2.33 -3.99 | 35.63 -2.19 -2.48 | 28.91 -1.14 -2.20 |
| HUNTLEY___64 23558 | 22.41 -0.22 -1.11 | 23.01 -0.25 -0.76 | 20.57 -0.10 -0.95 | 19.55 -0.09 -0.90 | 19.94 -0.08 -1.06 | 22.84 -0.16 -0.37 | 25.41 -0.85 -0.46 | 21.81 -0.79 -1.23 | 29.13 -0.71 -1.51 | 30.33 -0.74 -1.62 | 36.32 -1.06 -4.36 | 34.73 -1.41 -4.02 | 34.74 -1.53 -2.95 | 29.03 -1.43 -3.48 | 28.83 -1.30 -3.53 | 31.33 -1.08 -3.29 | 35.87 -1.44 -5.26 | 51.58 -1.73 -5.13 | 53.61 -1.90 -4.02 | 46.29 -2.04 -3.98 | 41.86 -2.25 -5.40 | 38.00 -2.33 -3.99 | 35.63 -2.19 -2.48 | 28.91 -1.14 -2.20 |
| HUNTLEY___65 23559 | 22.41 -0.22 -1.11 | 23.01 -0.25 -0.76 | 20.57 -0.10 -0.95 | 19.55 -0.09 -0.90 | 19.94 -0.08 -1.06 | 22.84 -0.16 -0.37 | 25.41 -0.85 -0.46 | 21.81 -0.79 -1.23 | 29.13 -0.71 -1.51 | 30.33 -0.74 -1.62 | 36.32 -1.06 -4.36 | 34.73 -1.41 -4.02 | 34.74 -1.53 -2.95 | 29.03 -1.43 -3.48 | 28.83 -1.30 -3.53 | 31.33 -1.08 -3.29 | 35.87 -1.44 -5.26 | 51.58 -1.73 -5.13 | 53.61 -1.90 -4.02 | 46.29 -2.04 -3.98 | 41.86 -2.25 -5.40 | 38.00 -2.33 -3.99 | 35.63 -2.19 -2.48 | 28.91 -1.14 -2.20 |
| HUNTLEY___66 23560 | 22.41 -0.22 -1.11 | 23.01 -0.25 -0.76 | 20.57 -0.10 -0.95 | 19.55 -0.09 -0.90 | 19.94 -0.08 -1.06 | 22.84 -0.16 -0.37 | 25.41 -0.85 -0.46 | 21.81 -0.79 -1.23 | 29.13 -0.71 -1.51 | 30.33 -0.74 -1.62 | 36.32 -1.06 -4.36 | 34.73 -1.41 -4.02 | 34.74 -1.53 -2.95 | 29.03 -1.43 -3.48 | 28.83 -1.30 -3.53 | 31.33 -1.08 -3.29 | 35.87 -1.44 -5.26 | 51.58 -1.73 -5.13 | 53.61 -1.90 -4.02 | 46.29 -2.04 -3.98 | 41.86 -2.25 -5.40 | 38.00 -2.33 -3.99 | 35.63 -2.19 -2.48 | 28.91 -1.14 -2.20 |
| HUNTLEY___67 23561 | 22.19 -0.45 -1.13 | 22.78 -0.50 -0.77 | 20.36 -0.34 -0.97 | 19.36 -0.30 -0.92 | 19.75 -0.28 -1.08 | 22.60 -0.41 -0.37 | 25.21 -1.06 -0.47 | 21.70 -0.92 -1.25 | 28.93 -0.93 -1.54 | 30.10 -1.00 -1.65 | 36.07 -1.39 -4.44 | 34.54 -1.67 -4.09 | 34.53 -1.80 -3.00 | 28.88 -1.65 -3.54 | 28.65 -1.54 -3.59 | 31.15 -1.31 -3.35 | 35.71 -1.70 -5.35 | 51.19 -2.22 -5.22 | 53.22 -2.37 -4.09 | 46.00 -2.40 -4.05 | 41.69 -2.52 -5.49 | 37.85 -2.54 -4.06 | 35.43 -2.44 -2.52 | 28.73 -1.36 -2.24 |
| HUNTLEY___68 23562 | 22.19 -0.45 -1.13 | 22.78 -0.50 -0.77 | 20.36 -0.34 -0.97 | 19.36 -0.30 -0.92 | 19.75 -0.28 -1.08 | 22.60 -0.41 -0.37 | 25.21 -1.06 -0.47 | 21.70 -0.92 -1.25 | 28.93 -0.93 -1.54 | 30.10 -1.00 -1.65 | 36.07 -1.39 -4.44 | 34.54 -1.67 -4.09 | 34.53 -1.80 -3.00 | 28.88 -1.65 -3.54 | 28.65 -1.54 -3.59 | 31.15 -1.31 -3.35 | 35.71 -1.70 -5.35 | 51.19 -2.22 -5.22 | 53.22 -2.37 -4.09 | 46.00 -2.40 -4.05 | 41.69 -2.52 -5.49 | 37.85 -2.54 -4.06 | 35.43 -2.44 -2.52 | 28.73 -1.36 -2.24 |
| HYLAND___LFGE 323620 | 23.22 0.47 -1.23 | 23.80 0.45 -0.85 | 21.21 0.43 -1.06 | 20.17 0.43 -1.00 | 20.59 0.45 -1.18 | 23.65 0.61 -0.41 | 26.88 0.57 -0.51 | 23.18 0.45 -1.37 | 31.28 1.28 -1.67 | 32.04 0.80 -1.80 | 38.63 0.79 -4.83 | 37.24 0.68 -4.44 | 37.19 0.60 -3.26 | 31.18 0.35 -3.84 | 30.79 0.29 -3.90 | 33.83 1.08 -3.64 | 38.38 0.51 -5.81 | 55.44 1.59 -5.67 | 57.69 1.75 -4.45 | 49.86 1.11 -4.39 | 45.41 0.73 -5.96 | 41.14 0.40 -4.41 | 38.29 0.21 -2.74 | 30.81 0.53 -2.43 |
| INDECK___CORINTH 23802 | 32.89 1.36 -10.02 | 30.96 1.33 -7.13 | 29.49 1.20 -8.56 | 28.02 1.18 -8.10 | 29.51 1.08 -9.48 | 27.82 1.43 -3.76 | 31.83 1.42 -4.61 | 33.36 1.17 -10.82 | 44.05 1.90 -13.82 | 46.15 1.91 -14.78 | 74.08 2.14 -38.93 | 69.56 2.03 -35.40 | 61.43 2.10 -26.01 | 59.32 1.67 -30.66 | 59.29 1.57 -31.12 | 60.01 1.86 -29.03 | 80.38 1.99 -46.34 | 96.80 3.37 -45.25 | 90.45 3.50 -35.45 | 82.47 2.93 -35.19 | 88.90 2.44 -47.75 | 74.15 2.51 -35.31 | 59.71 2.44 -21.93 | 49.51 2.17 -19.49 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| INDECK___ILION 23567 | 21.91 0.77 0.37 | 22.92 0.79 0.36 | 20.09 0.69 0.32 | 19.11 0.66 0.28 | 19.30 0.66 0.32 | 23.13 0.79 0.30 | 26.37 0.90 0.33 | 21.81 0.75 0.31 | 28.82 0.91 0.42 | 30.08 1.06 0.43 | 33.37 1.19 0.83 | 32.67 1.15 0.62 | 34.07 1.20 0.45 | 27.42 0.97 0.53 | 26.99 0.93 0.54 | 29.51 0.90 0.51 | 32.34 1.09 0.81 | 49.08 1.69 0.79 | 52.68 1.80 0.62 | 45.25 1.51 0.61 | 39.20 1.32 0.83 | 36.99 1.27 0.61 | 36.20 1.24 0.38 | 28.51 1.00 0.34 |
| INDECK___OLEAN 23982 | 23.27 0.43 -1.33 | 23.86 0.45 -0.91 | 21.35 0.49 -1.14 | 20.30 0.49 -1.08 | 20.71 0.49 -1.27 | 23.62 0.54 -0.45 | 26.83 0.46 -0.56 | 23.20 0.36 -1.46 | 30.95 0.82 -1.80 | 32.15 0.76 -1.93 | 38.72 0.53 -5.18 | 37.08 0.19 -4.76 | 36.99 0.17 -3.50 | 31.05 -0.05 -4.12 | 30.78 0.00 -4.18 | 33.45 0.44 -3.90 | 38.29 0.00 -6.23 | 54.89 0.62 -6.08 | 57.03 0.77 -4.76 | 49.28 0.22 -4.71 | 44.90 -0.19 -6.39 | 40.69 -0.36 -4.72 | 37.82 -0.46 -2.93 | 30.84 0.39 -2.61 |
| INDECK___OSWEGO 23783 | 21.58 -0.30 -0.36 | 22.34 -0.32 -0.16 | 19.76 -0.28 -0.31 | 18.79 -0.26 -0.31 | 19.07 -0.27 -0.38 | 22.31 -0.29 0.03 | 25.46 -0.34 0.00 | 21.52 -0.34 -0.49 | 28.38 -0.51 -0.56 | 29.54 -0.53 -0.62 | 34.29 -0.66 -1.94 | 33.40 -0.64 -1.91 | 34.06 -0.67 -1.40 | 28.07 -0.57 -1.66 | 27.67 -0.61 -1.68 | 30.01 -0.67 -1.57 | 33.79 -0.77 -2.50 | 49.52 -1.11 -2.44 | 52.28 -1.13 -1.91 | 45.23 -1.02 -1.89 | 40.39 -0.89 -2.57 | 37.33 -0.91 -1.90 | 35.60 -0.92 -1.18 | 28.23 -0.67 -1.05 |
| INDECK___YERKES 23781 | 22.43 -0.19 -1.11 | 23.03 -0.22 -0.76 | 20.59 -0.08 -0.95 | 19.57 -0.07 -0.90 | 19.96 -0.06 -1.06 | 22.89 -0.11 -0.37 | 25.43 -0.83 -0.46 | 21.83 -0.77 -1.23 | 29.16 -0.68 -1.51 | 30.39 -0.68 -1.62 | 36.35 -1.02 -4.36 | 34.76 -1.38 -4.02 | 34.77 -1.50 -2.95 | 29.06 -1.40 -3.48 | 28.85 -1.28 -3.53 | 31.36 -1.05 -3.29 | 35.90 -1.41 -5.26 | 51.62 -1.69 -5.13 | 53.67 -1.85 -4.02 | 46.33 -2.00 -3.98 | 41.94 -2.17 -5.40 | 38.07 -2.25 -3.99 | 35.66 -2.16 -2.48 | 28.94 -1.11 -2.20 |
| INDIAN POINT_GT_1 24139 | 30.85 1.89 -7.44 | 29.78 1.96 -5.33 | 27.80 1.72 -6.36 | 26.34 1.59 -6.01 | 27.60 1.61 -7.03 | 27.35 1.88 -2.85 | 31.52 2.24 -3.48 | 31.39 2.01 -8.01 | 41.89 2.92 -10.64 | 43.83 3.01 -11.38 | 66.45 3.57 -29.87 | 62.72 3.47 -27.12 | 56.85 3.60 -19.93 | 53.39 2.92 -23.49 | 53.37 2.93 -23.84 | 54.58 3.23 -22.24 | 71.02 3.46 -35.50 | 88.29 5.44 -34.66 | 84.52 5.87 -27.16 | 76.36 5.05 -26.96 | 79.62 4.33 -36.58 | 67.34 3.96 -27.05 | 55.89 3.74 -16.80 | 45.59 2.81 -14.93 |
| INDIAN POINT_GT_2 23659 | 30.85 1.89 -7.44 | 29.78 1.96 -5.33 | 27.80 1.72 -6.36 | 26.34 1.59 -6.01 | 27.60 1.61 -7.03 | 27.35 1.88 -2.85 | 31.52 2.24 -3.48 | 31.39 2.01 -8.01 | 41.89 2.92 -10.64 | 43.83 3.01 -11.38 | 66.45 3.57 -29.87 | 62.72 3.47 -27.12 | 56.85 3.60 -19.93 | 53.39 2.92 -23.49 | 53.37 2.93 -23.84 | 54.58 3.23 -22.24 | 71.02 3.46 -35.50 | 88.29 5.44 -34.66 | 84.52 5.87 -27.16 | 76.36 5.05 -26.96 | 79.62 4.33 -36.58 | 67.34 3.96 -27.05 | 55.89 3.74 -16.80 | 45.59 2.81 -14.93 |
| INDIAN POINT_GT_3 24019 | 30.85 1.89 -7.44 | 29.78 1.96 -5.33 | 27.80 1.72 -6.36 | 26.34 1.59 -6.01 | 27.60 1.61 -7.03 | 27.35 1.88 -2.85 | 31.52 2.24 -3.48 | 31.39 2.01 -8.01 | 41.89 2.92 -10.64 | 43.83 3.01 -11.38 | 66.45 3.57 -29.87 | 62.72 3.47 -27.12 | 56.85 3.60 -19.93 | 53.39 2.92 -23.49 | 53.37 2.93 -23.84 | 54.58 3.23 -22.24 | 71.02 3.46 -35.50 | 88.29 5.44 -34.66 | 84.52 5.87 -27.16 | 76.36 5.05 -26.96 | 79.62 4.33 -36.58 | 67.34 3.96 -27.05 | 55.89 3.74 -16.80 | 45.59 2.81 -14.93 |
| INDIAN POINT___2 23530 | 30.69 1.83 -7.35 | 29.65 1.89 -5.26 | 27.66 1.66 -6.28 | 26.21 1.54 -5.94 | 27.45 1.55 -6.94 | 27.25 1.81 -2.81 | 31.43 2.19 -3.43 | 31.22 1.94 -7.91 | 41.73 2.86 -10.54 | 43.63 2.92 -11.27 | 66.06 3.47 -29.58 | 62.36 3.37 -26.86 | 56.52 3.47 -19.73 | 53.05 2.81 -23.26 | 53.03 2.82 -23.61 | 54.28 3.14 -22.03 | 70.58 3.37 -35.15 | 87.76 5.25 -34.33 | 84.06 5.66 -26.90 | 75.97 4.92 -26.69 | 79.15 4.22 -36.22 | 66.97 3.85 -26.79 | 55.62 3.64 -16.64 | 45.36 2.73 -14.78 |
| INDIAN POINT___3 23531 | 30.77 1.81 -7.45 | 29.72 1.89 -5.33 | 27.75 1.66 -6.37 | 26.29 1.54 -6.02 | 27.52 1.53 -7.04 | 27.29 1.81 -2.85 | 31.45 2.17 -3.48 | 31.33 1.94 -8.02 | 41.81 2.83 -10.65 | 43.72 2.89 -11.38 | 66.36 3.47 -29.88 | 62.63 3.37 -27.13 | 56.72 3.47 -19.93 | 53.29 2.81 -23.50 | 53.27 2.82 -23.85 | 54.48 3.12 -22.25 | 70.90 3.33 -35.51 | 88.11 5.25 -34.68 | 84.28 5.61 -27.17 | 76.20 4.88 -26.97 | 79.49 4.18 -36.59 | 67.21 3.81 -27.06 | 55.76 3.61 -16.81 | 45.48 2.70 -14.93 |
| IP CORINTH___1 23988 | 33.01 1.48 -10.02 | 31.09 1.46 -7.13 | 29.61 1.32 -8.56 | 28.13 1.29 -8.10 | 29.63 1.19 -9.48 | 27.96 1.56 -3.76 | 31.99 1.57 -4.61 | 33.49 1.30 -10.82 | 44.22 2.07 -13.82 | 46.32 2.09 -14.78 | 74.28 2.34 -38.93 | 69.75 2.22 -35.40 | 61.63 2.30 -26.01 | 59.48 1.84 -30.66 | 59.45 1.73 -31.12 | 60.18 2.04 -29.03 | 80.58 2.18 -46.34 | 97.09 3.66 -45.25 | 90.76 3.81 -35.45 | 82.69 3.15 -35.19 | 89.13 2.67 -47.75 | 74.33 2.69 -35.31 | 59.93 2.65 -21.93 | 49.67 2.34 -19.49 |
| IP___TICONDEROGA 23804 | 33.62 2.49 -9.61 | 31.82 2.47 -6.85 | 30.11 2.17 -8.22 | 28.64 2.14 -7.77 | 30.21 2.16 -9.09 | 29.10 2.85 -3.62 | 33.54 3.30 -4.43 | 34.61 2.86 -10.38 | 45.65 4.02 -13.30 | 47.83 4.15 -14.23 | 74.95 4.49 -37.45 | 70.43 4.24 -34.06 | 62.78 4.43 -25.02 | 60.04 3.56 -29.50 | 59.95 3.41 -29.94 | 60.88 3.84 -27.93 | 80.83 4.20 -44.58 | 98.17 6.46 -43.53 | 92.34 6.74 -34.10 | 83.84 5.63 -33.85 | 89.44 4.80 -45.93 | 74.81 4.50 -33.97 | 61.03 4.59 -21.10 | 50.21 3.62 -18.75 |
| ISLIP_RES_REC 323679 | 36.01 3.27 -11.23 | 31.31 3.40 -5.41 | 29.20 3.04 -6.45 | 27.65 2.83 -6.08 | 28.93 2.86 -7.11 | 28.91 3.39 -2.88 | 33.28 3.95 -3.53 | 39.91 3.42 -15.12 | 44.22 4.99 -10.90 | 46.20 5.21 -11.54 | 76.58 6.17 -37.40 | 73.79 5.94 -35.72 | 68.71 6.13 -29.26 | 65.28 4.97 -33.32 | 72.10 4.95 -40.56 | 74.22 5.53 -39.58 | 100.97 5.96 -62.95 | 106.24 9.35 -48.71 | 107.68 10.04 -46.14 | 104.87 8.61 -51.91 | 102.69 7.36 -56.62 | 102.47 6.72 -59.41 | 74.64 6.61 -32.69 | 51.25 5.01 -18.39 |
| JARVIS____ 23743 | 21.36 0.22 0.37 | 22.36 0.22 0.36 | 19.60 0.20 0.32 | 18.64 0.19 0.28 | 18.83 0.19 0.32 | 22.56 0.23 0.30 | 25.72 0.26 0.33 | 21.25 0.19 0.31 | 28.19 0.28 0.42 | 29.32 0.29 0.43 | 32.51 0.33 0.83 | 31.83 0.32 0.62 | 33.20 0.33 0.45 | 26.72 0.27 0.53 | 26.32 0.27 0.54 | 28.93 0.32 0.51 | 31.57 0.32 0.81 | 47.87 0.48 0.79 | 51.39 0.51 0.62 | 44.19 0.44 0.61 | 38.27 0.39 0.83 | 36.09 0.36 0.61 | 35.32 0.35 0.38 | 27.79 0.28 0.34 |
| JENNISON___1 23625 | 25.31 1.25 -2.54 | 25.62 1.33 -1.79 | 23.04 1.14 -2.18 | 21.92 1.12 -2.06 | 22.51 1.14 -2.42 | 24.98 1.43 -0.92 | 28.61 1.68 -1.13 | 25.68 1.54 -2.77 | 33.68 1.93 -3.42 | 35.17 2.06 -3.66 | 45.00 2.28 -9.72 | 43.05 2.06 -8.87 | 41.94 2.10 -6.52 | 36.31 1.65 -7.68 | 35.96 1.57 -7.80 | 38.25 1.86 -7.27 | 45.78 2.12 -11.61 | 63.17 3.66 -11.34 | 64.44 4.07 -8.88 | 56.38 3.24 -8.79 | 53.39 2.75 -11.93 | 47.59 2.43 -8.82 | 43.02 2.19 -5.48 | 34.55 1.84 -4.87 |
| JENNISON___2 23626 | 25.31 1.25 -2.54 | 25.62 1.33 -1.79 | 23.04 1.14 -2.18 | 21.92 1.12 -2.06 | 22.51 1.14 -2.42 | 24.98 1.43 -0.92 | 28.61 1.68 -1.13 | 25.68 1.54 -2.77 | 33.68 1.93 -3.42 | 35.17 2.06 -3.66 | 45.00 2.28 -9.72 | 43.05 2.06 -8.87 | 41.94 2.10 -6.52 | 36.31 1.65 -7.68 | 35.96 1.57 -7.80 | 38.25 1.86 -7.27 | 45.78 2.12 -11.61 | 63.17 3.66 -11.34 | 64.44 4.07 -8.88 | 56.38 3.24 -8.79 | 53.39 2.75 -11.93 | 47.59 2.43 -8.82 | 43.02 2.19 -5.48 | 34.55 1.84 -4.87 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| JERICO_RISE_WT_PWR 323719 | 15.01 -1.46 5.04 | 14.85 -1.44 6.21 | 14.19 -1.28 4.25 | 13.97 -1.24 3.53 | 13.93 -1.27 3.75 | 14.98 -1.47 6.18 | 17.47 -1.60 6.73 | 17.30 -1.26 2.81 | 21.72 -1.67 4.94 | 23.01 -1.83 4.61 | 26.74 -2.08 4.19 | 30.17 -1.96 0.00 | 31.32 -2.00 0.00 | 25.37 -1.62 0.00 | 25.06 -1.54 0.00 | 27.42 -1.69 0.00 | 30.46 -1.60 0.00 | 45.62 -2.55 0.00 | 48.61 -2.88 0.00 | 41.91 -2.44 0.00 | 36.70 -2.01 0.00 | 34.52 -1.82 0.00 | 33.75 -1.59 0.00 | 26.48 -1.36 0.00 |
| KEDC_PORT_JEFF_GT2 24210 | 35.86 3.12 -11.23 | 31.15 3.24 -5.41 | 29.07 2.90 -6.45 | 27.52 2.70 -6.08 | 28.80 2.73 -7.11 | 28.73 3.21 -2.88 | 33.07 3.74 -3.53 | 39.74 3.25 -15.12 | 43.96 4.73 -10.90 | 45.93 4.95 -11.53 | 76.03 5.81 -37.21 | 73.25 5.62 -35.50 | 68.15 5.80 -29.02 | 64.76 4.70 -33.08 | 71.65 4.68 -40.36 | 73.74 5.24 -39.39 | 100.47 5.58 -62.83 | 105.50 8.72 -48.60 | 106.58 9.42 -45.66 | 104.23 8.07 -51.80 | 102.11 6.89 -56.50 | 101.95 6.32 -59.30 | 74.09 6.22 -32.52 | 50.66 4.71 -18.11 |
| KEDC_PORT_JEFF_GT3 24211 | 35.86 3.12 -11.23 | 31.15 3.24 -5.41 | 29.07 2.90 -6.45 | 27.52 2.70 -6.08 | 28.80 2.73 -7.11 | 28.73 3.21 -2.88 | 33.07 3.74 -3.53 | 39.74 3.25 -15.12 | 43.96 4.73 -10.90 | 45.93 4.95 -11.53 | 76.03 5.81 -37.21 | 73.25 5.62 -35.50 | 68.15 5.80 -29.02 | 64.76 4.70 -33.08 | 71.65 4.68 -40.36 | 73.74 5.24 -39.39 | 100.47 5.58 -62.83 | 105.50 8.72 -48.60 | 106.58 9.42 -45.66 | 104.23 8.07 -51.80 | 102.11 6.89 -56.50 | 101.95 6.32 -59.30 | 74.09 6.22 -32.52 | 50.66 4.71 -18.11 |
| KEDC_GLWD_GT4 24219 | 35.17 2.43 -11.22 | 30.42 2.52 -5.41 | 28.44 2.27 -6.45 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.03 2.51 -2.88 | 32.27 2.94 -3.53 | 39.05 2.56 -15.12 | 42.89 3.66 -10.90 | 44.98 3.80 -11.73 | 82.00 4.49 -44.50 | 80.35 4.34 -43.88 | 76.00 4.47 -38.21 | 73.33 3.62 -42.73 | 76.34 3.62 -46.12 | 77.62 3.99 -44.53 | 102.54 4.30 -66.18 | 106.54 6.69 -51.67 | 123.14 7.21 -64.43 | 105.42 6.21 -54.86 | 103.78 5.34 -59.73 | 103.76 4.90 -62.52 | 77.29 4.74 -37.21 | 60.71 3.59 -29.27 |
| KEDC_GLWD_GT5 24220 | 35.17 2.43 -11.22 | 30.42 2.52 -5.41 | 28.44 2.27 -6.45 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.03 2.51 -2.88 | 32.27 2.94 -3.53 | 39.05 2.56 -15.12 | 42.89 3.66 -10.90 | 44.98 3.80 -11.73 | 82.00 4.49 -44.50 | 80.35 4.34 -43.88 | 76.00 4.47 -38.21 | 73.33 3.62 -42.73 | 76.34 3.62 -46.12 | 77.62 3.99 -44.53 | 102.54 4.30 -66.18 | 106.54 6.69 -51.67 | 123.14 7.21 -64.43 | 105.42 6.21 -54.86 | 103.78 5.34 -59.73 | 103.76 4.90 -62.52 | 77.29 4.74 -37.21 | 60.71 3.59 -29.27 |
| KENSICO____ 23655 | 31.04 2.02 -7.50 | 29.96 2.09 -5.37 | 27.97 1.83 -6.41 | 26.52 1.72 -6.06 | 27.77 1.72 -7.09 | 27.51 2.01 -2.87 | 31.73 2.42 -3.51 | 31.60 2.16 -8.08 | 42.16 3.12 -10.71 | 44.08 3.18 -11.45 | 66.86 3.79 -30.05 | 63.11 3.69 -27.29 | 57.17 3.80 -20.05 | 53.69 3.08 -23.63 | 53.67 3.08 -23.99 | 54.89 3.40 -22.38 | 71.46 3.69 -35.71 | 88.83 5.78 -34.87 | 85.00 6.18 -27.32 | 76.84 5.36 -27.12 | 80.11 4.60 -36.80 | 67.76 4.21 -27.21 | 56.24 3.99 -16.90 | 45.87 3.01 -15.02 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 30.42 1.87 -7.03 | 29.49 1.96 -5.04 | 27.45 1.72 -6.01 | 26.03 1.61 -5.68 | 27.23 1.63 -6.65 | 27.20 1.88 -2.69 | 31.31 2.22 -3.29 | 30.90 1.96 -7.57 | 40.68 2.72 -9.63 | 42.83 3.09 -10.29 | 63.60 3.57 -27.02 | 60.17 3.50 -24.54 | 54.95 3.60 -18.03 | 51.07 2.83 -21.25 | 50.99 2.82 -21.57 | 52.14 2.91 -20.12 | 67.57 3.40 -32.12 | 84.75 5.21 -31.36 | 81.68 5.61 -24.57 | 73.62 4.88 -24.39 | 75.95 4.14 -33.09 | 64.55 3.74 -24.47 | 54.04 3.50 -15.20 | 43.97 2.62 -13.51 |
| KIAC_JFK_GT1 23816 | 31.12 2.09 -7.52 | 30.02 2.14 -5.38 | 28.03 1.87 -6.43 | 26.53 1.72 -6.07 | 27.76 1.71 -7.10 | 27.52 2.01 -2.87 | 31.77 2.45 -3.51 | 31.71 2.24 -8.10 | 42.26 3.20 -10.72 | 44.03 3.12 -11.47 | 66.78 3.66 -30.10 | 62.95 3.50 -27.32 | 56.99 3.60 -20.07 | 53.60 2.94 -23.67 | 53.60 2.98 -24.03 | 54.91 3.38 -22.42 | 71.36 3.53 -35.77 | 88.60 5.49 -34.93 | 84.78 5.92 -27.37 | 76.70 5.19 -27.16 | 79.98 4.41 -36.86 | 67.62 4.03 -27.26 | 56.33 4.06 -16.93 | 45.98 3.09 -15.04 |
| KIAC_JFK_GT2 23817 | 31.12 2.09 -7.52 | 30.02 2.14 -5.38 | 28.03 1.87 -6.43 | 26.53 1.72 -6.07 | 27.76 1.71 -7.10 | 27.52 2.01 -2.87 | 31.77 2.45 -3.51 | 31.71 2.24 -8.10 | 42.26 3.20 -10.72 | 44.03 3.12 -11.47 | 66.78 3.66 -30.10 | 62.95 3.50 -27.32 | 56.99 3.60 -20.07 | 53.60 2.94 -23.67 | 53.60 2.98 -24.03 | 54.91 3.38 -22.42 | 71.36 3.53 -35.77 | 88.60 5.49 -34.93 | 84.78 5.92 -27.37 | 76.70 5.19 -27.16 | 79.98 4.41 -36.86 | 67.62 4.03 -27.26 | 56.33 4.06 -16.93 | 45.98 3.09 -15.04 |
| KINTIGH____ 23543 | 21.82 -0.64 -0.95 | 22.44 -0.70 -0.64 | 19.98 -0.55 -0.81 | 19.01 -0.51 -0.77 | 19.37 -0.49 -0.91 | 22.30 -0.63 -0.30 | 25.00 -1.19 -0.38 | 21.40 -1.03 -1.06 | 28.46 -1.16 -1.29 | 29.60 -1.24 -1.39 | 35.19 -1.58 -3.76 | 33.83 -1.77 -3.47 | 33.97 -1.90 -2.55 | 28.32 -1.67 -3.00 | 28.02 -1.62 -3.05 | 30.47 -1.48 -2.84 | 34.77 -1.83 -4.54 | 50.16 -2.46 -4.43 | 52.34 -2.62 -3.47 | 45.21 -2.57 -3.44 | 40.86 -2.52 -4.66 | 37.24 -2.54 -3.45 | 35.05 -2.44 -2.14 | 28.25 -1.50 -1.90 |
| LEDERLE____ 23769 | 30.72 1.96 -7.25 | 29.71 2.03 -5.19 | 27.71 1.79 -6.19 | 26.26 1.67 -5.85 | 27.47 1.67 -6.85 | 27.37 1.97 -2.77 | 31.53 2.35 -3.39 | 31.26 2.10 -7.80 | 41.81 3.03 -10.44 | 43.73 3.12 -11.17 | 65.99 3.66 -29.31 | 62.31 3.57 -26.62 | 56.57 3.70 -19.55 | 53.01 2.97 -23.05 | 52.98 2.98 -23.40 | 54.23 3.29 -21.83 | 70.42 3.53 -34.84 | 87.73 5.54 -34.02 | 84.12 5.97 -26.65 | 75.99 5.19 -26.45 | 79.02 4.41 -35.89 | 66.91 4.03 -26.54 | 55.65 3.82 -16.49 | 45.39 2.90 -14.65 |
| LINDEN COGEN____ 23786 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.24 2.09 -6.43 | 26.74 1.93 -6.07 | 27.99 1.93 -7.10 | 27.79 2.28 -2.87 | 32.08 2.76 -3.51 | 31.94 2.48 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.10 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.67 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.77 3.94 -35.77 | 89.23 6.12 -34.93 | 85.40 6.54 -27.37 | 77.24 5.72 -27.16 | 80.49 4.92 -36.86 | 68.13 4.54 -27.26 | 56.58 4.31 -16.93 | 46.12 3.23 -15.04 |
| LIPA_MISC_IPP 23656 | 35.86 3.12 -11.23 | 31.15 3.24 -5.41 | 29.07 2.90 -6.45 | 27.52 2.70 -6.08 | 28.80 2.73 -7.11 | 28.73 3.21 -2.88 | 33.07 3.74 -3.53 | 39.76 3.27 -15.12 | 43.99 4.76 -10.90 | 45.92 4.95 -11.53 | 75.98 5.84 -37.12 | 73.19 5.66 -35.41 | 68.04 5.80 -28.92 | 64.67 4.72 -32.96 | 71.56 4.68 -40.28 | 73.66 5.24 -39.32 | 100.49 5.64 -62.78 | 105.55 8.82 -48.55 | 106.47 9.53 -45.44 | 104.22 8.12 -51.75 | 102.13 6.97 -56.45 | 101.98 6.40 -59.25 | 74.09 6.29 -32.45 | 50.58 4.76 -17.98 |
| LISF___SOLAR 323691 | 35.90 3.16 -11.23 | 31.19 3.28 -5.41 | 29.11 2.94 -6.45 | 27.56 2.74 -6.08 | 28.83 2.77 -7.11 | 28.77 3.26 -2.88 | 33.12 3.79 -3.53 | 39.80 3.31 -15.12 | 44.02 4.79 -10.90 | 46.01 5.03 -11.53 | 76.10 5.94 -37.15 | 73.28 5.72 -35.44 | 68.17 5.90 -28.95 | 64.79 4.80 -33.00 | 71.67 4.76 -40.31 | 73.75 5.30 -39.34 | 100.56 5.71 -62.80 | 105.71 8.96 -48.57 | 106.69 9.68 -45.51 | 104.37 8.25 -51.77 | 102.27 7.08 -56.47 | 102.06 6.47 -59.26 | 74.22 6.40 -32.48 | 50.68 4.82 -18.02 |
| LITTLE FALLS___HYD 24013 | 22.71 1.57 0.37 | 23.78 1.64 0.36 | 20.83 1.42 0.32 | 19.81 1.35 0.28 | 20.00 1.37 0.32 | 23.96 1.63 0.30 | 27.32 1.86 0.33 | 22.56 1.50 0.31 | 29.75 1.84 0.42 | 31.14 2.12 0.43 | 34.59 2.41 0.83 | 33.82 2.31 0.62 | 35.30 2.43 0.45 | 28.40 1.94 0.53 | 27.95 1.89 0.54 | 30.44 1.84 0.51 | 33.43 2.18 0.81 | 50.67 3.28 0.79 | 54.38 3.50 0.62 | 46.71 2.97 0.61 | 40.44 2.55 0.83 | 38.23 2.51 0.61 | 37.47 2.51 0.38 | 29.54 2.03 0.34 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LI_NEWBRDGE___DRP 323616 | 35.30 2.56 -11.23 | 30.59 2.68 -5.41 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 39.18 2.69 -15.12 | 43.05 3.82 -10.90 | 44.85 3.92 -11.49 | 73.17 4.56 -35.60 | 70.15 4.37 -33.65 | 64.79 4.47 -27.00 | 61.57 3.64 -30.94 | 68.97 3.64 -38.72 | 71.00 4.04 -37.85 | 98.17 4.30 -61.81 | 102.49 6.65 -47.66 | 100.21 7.21 -41.50 | 101.43 6.21 -50.87 | 99.53 5.30 -55.52 | 99.51 4.87 -58.31 | 71.28 4.84 -31.10 | 47.19 3.70 -15.64 |
| LONG_LAKE_PHOENIX 24014 | 21.75 -0.19 -0.43 | 22.53 -0.20 -0.23 | 19.91 -0.18 -0.37 | 18.93 -0.17 -0.36 | 19.22 -0.17 -0.44 | 22.51 -0.16 -0.04 | 25.69 -0.18 -0.07 | 21.70 -0.21 -0.54 | 28.57 -0.40 -0.63 | 29.76 -0.38 -0.69 | 34.58 -0.49 -2.06 | 33.69 -0.42 -1.98 | 34.35 -0.43 -1.46 | 28.30 -0.40 -1.72 | 27.89 -0.45 -1.74 | 30.21 -0.52 -1.63 | 34.08 -0.58 -2.60 | 49.99 -0.72 -2.54 | 52.71 -0.77 -1.99 | 45.61 -0.71 -1.97 | 40.77 -0.62 -2.68 | 37.66 -0.65 -1.98 | 35.90 -0.67 -1.23 | 28.44 -0.50 -1.09 |
| LOVETT___3 23632 | 30.64 1.85 -7.28 | 29.62 1.91 -5.21 | 27.62 1.68 -6.22 | 26.19 1.57 -5.88 | 27.40 1.57 -6.87 | 27.25 1.83 -2.78 | 31.42 2.22 -3.40 | 31.16 1.96 -7.83 | 41.66 2.86 -10.47 | 43.56 2.92 -11.19 | 65.89 3.50 -29.38 | 62.18 3.37 -26.68 | 56.42 3.50 -19.60 | 52.92 2.83 -23.10 | 52.90 2.85 -23.45 | 54.13 3.14 -21.88 | 70.34 3.37 -34.92 | 87.53 5.25 -34.10 | 83.87 5.66 -26.71 | 75.79 4.92 -26.51 | 78.91 4.22 -35.98 | 66.79 3.85 -26.61 | 55.51 3.64 -16.52 | 45.26 2.73 -14.68 |
| LOVETT___4 23642 | 30.64 1.85 -7.28 | 29.62 1.91 -5.21 | 27.62 1.68 -6.22 | 26.19 1.57 -5.88 | 27.40 1.57 -6.87 | 27.25 1.83 -2.78 | 31.42 2.22 -3.40 | 31.16 1.96 -7.83 | 41.66 2.86 -10.47 | 43.56 2.92 -11.19 | 65.89 3.50 -29.38 | 62.18 3.37 -26.68 | 56.42 3.50 -19.60 | 52.92 2.83 -23.10 | 52.90 2.85 -23.45 | 54.13 3.14 -21.88 | 70.34 3.37 -34.92 | 87.53 5.25 -34.10 | 83.87 5.66 -26.71 | 75.79 4.92 -26.51 | 78.91 4.22 -35.98 | 66.79 3.85 -26.61 | 55.51 3.64 -16.52 | 45.26 2.73 -14.68 |
| LOVETT___5 23593 | 30.64 1.85 -7.28 | 29.62 1.91 -5.21 | 27.62 1.68 -6.22 | 26.19 1.57 -5.88 | 27.40 1.57 -6.87 | 27.25 1.83 -2.78 | 31.42 2.22 -3.40 | 31.16 1.96 -7.83 | 41.66 2.86 -10.47 | 43.56 2.92 -11.19 | 65.89 3.50 -29.38 | 62.18 3.37 -26.68 | 56.42 3.50 -19.60 | 52.92 2.83 -23.10 | 52.90 2.85 -23.45 | 54.13 3.14 -21.88 | 70.34 3.37 -34.92 | 87.53 5.25 -34.10 | 83.87 5.66 -26.71 | 75.79 4.92 -26.51 | 78.91 4.22 -35.98 | 66.79 3.85 -26.61 | 55.51 3.64 -16.52 | 45.26 2.73 -14.68 |
| LOWER RAQUET___HYD 24057 | 15.59 -1.81 4.11 | 15.61 -1.82 5.07 | 14.60 -1.66 3.47 | 14.32 -1.54 2.88 | 14.32 -1.57 3.06 | 15.80 -1.79 5.04 | 18.35 -1.96 5.49 | 17.60 -1.47 2.29 | 21.98 -2.32 4.03 | 23.24 -2.44 3.76 | 26.89 -2.71 3.42 | 29.49 -2.63 0.00 | 30.66 -2.67 0.00 | 25.02 -1.97 0.00 | 24.71 -1.89 0.00 | 26.58 -2.53 0.00 | 29.46 -2.60 0.00 | 44.28 -3.90 0.00 | 47.17 -4.33 0.00 | 40.63 -3.73 0.00 | 35.58 -3.13 0.00 | 33.72 -2.62 0.00 | 33.33 -2.01 0.00 | 26.26 -1.59 0.00 |
| LOWER___HUDSON 24059 | 32.88 1.42 -9.94 | 31.00 1.42 -7.08 | 29.49 1.26 -8.50 | 27.99 1.22 -8.04 | 29.59 1.23 -9.41 | 27.93 1.56 -3.74 | 32.08 1.70 -4.58 | 33.56 1.45 -10.74 | 44.18 2.13 -13.72 | 46.34 2.21 -14.68 | 74.14 2.48 -38.65 | 69.62 2.34 -35.15 | 61.58 2.43 -25.82 | 59.40 1.97 -30.44 | 59.39 1.89 -30.90 | 60.09 2.15 -28.83 | 80.40 2.34 -46.01 | 96.76 3.66 -44.92 | 90.61 3.91 -35.20 | 82.57 3.28 -34.94 | 88.91 2.79 -47.41 | 74.01 2.62 -35.06 | 59.70 2.58 -21.77 | 49.23 2.03 -19.35 |
| LWR___OSWEGATCHIE_HYD 23850 | 17.59 -1.12 2.80 | 17.90 -1.15 3.45 | 16.32 -1.05 2.36 | 15.82 -0.95 1.96 | 15.90 -0.97 2.08 | 18.16 -1.04 3.43 | 20.93 -1.13 3.74 | 18.99 -0.81 1.56 | 24.17 -1.42 2.74 | 25.50 -1.38 2.56 | 29.13 -1.55 2.33 | 30.59 -1.54 0.00 | 31.76 -1.57 0.00 | 25.83 -1.16 0.00 | 25.46 -1.14 0.00 | 27.51 -1.60 0.00 | 30.55 -1.51 0.00 | 46.06 -2.12 0.00 | 49.18 -2.32 0.00 | 42.27 -2.08 0.00 | 36.93 -1.78 0.00 | 34.84 -1.49 0.00 | 34.14 -1.20 0.00 | 26.87 -0.98 0.00 |
| LYONS_FALL_HYD 23570 | 20.79 0.11 0.84 | 21.58 0.11 1.03 | 19.10 0.08 0.70 | 18.27 0.11 0.59 | 18.46 0.13 0.62 | 21.86 0.25 1.02 | 25.00 0.31 1.12 | 21.24 0.34 0.47 | 27.80 0.28 0.82 | 29.10 0.41 0.76 | 32.78 0.46 0.69 | 32.48 0.35 0.00 | 33.69 0.37 0.00 | 27.28 0.30 0.00 | 26.86 0.27 0.00 | 29.31 0.21 0.00 | 32.44 0.39 0.00 | 49.00 0.82 0.00 | 52.42 0.93 0.00 | 45.02 0.67 0.00 | 39.29 0.58 0.00 | 36.84 0.51 0.00 | 35.80 0.46 0.00 | 28.18 0.34 0.00 |
| MADISON___COUNTY_LFGE 323628 | 21.94 0.45 0.02 | 22.82 0.47 0.16 | 20.10 0.39 0.02 | 19.16 0.41 -0.01 | 19.40 0.42 -0.03 | 22.98 0.59 0.24 | 26.20 0.65 0.25 | 22.06 0.58 -0.12 | 29.17 0.77 -0.07 | 30.33 0.76 -0.11 | 34.56 0.83 -0.72 | 33.76 0.77 -0.86 | 34.72 0.77 -0.63 | 28.33 0.59 -0.75 | 27.89 0.53 -0.76 | 30.51 0.70 -0.71 | 33.92 0.74 -1.13 | 50.68 1.40 -1.10 | 53.90 1.54 -0.86 | 46.42 1.20 -0.87 | 40.90 1.00 -1.18 | 38.08 0.87 -0.87 | 36.66 0.78 -0.54 | 28.97 0.64 -0.48 |
| MAPLE RIDGE_WT_1 323574 | 20.01 -0.54 0.96 | 20.95 -0.59 0.96 | 18.35 -0.55 0.82 | 17.45 -0.56 0.72 | 17.56 -0.59 0.81 | 21.12 -0.70 0.81 | 24.15 -0.75 0.90 | 19.98 -0.62 0.77 | 26.46 -0.79 1.08 | 27.54 -0.82 1.09 | 30.12 -0.86 2.04 | 29.93 -0.74 1.46 | 31.55 -0.70 1.07 | 25.21 -0.51 1.26 | 24.87 -0.45 1.28 | 27.42 -0.50 1.19 | 29.67 -0.48 1.90 | 45.60 -0.72 1.86 | 49.27 -0.77 1.46 | 42.24 -0.66 1.45 | 36.21 -0.54 1.96 | 34.41 -0.47 1.45 | 34.02 -0.42 0.90 | 26.74 -0.31 0.80 |
| MAPLE RIDGE_WT_2 323611 | 20.01 -0.54 0.96 | 20.95 -0.59 0.96 | 18.35 -0.55 0.82 | 17.45 -0.56 0.72 | 17.56 -0.59 0.81 | 21.12 -0.70 0.81 | 24.15 -0.75 0.90 | 19.98 -0.62 0.77 | 26.46 -0.79 1.08 | 27.54 -0.82 1.09 | 30.12 -0.86 2.04 | 29.93 -0.74 1.46 | 31.55 -0.70 1.07 | 25.21 -0.51 1.26 | 24.87 -0.45 1.28 | 27.42 -0.50 1.19 | 29.67 -0.48 1.90 | 45.60 -0.72 1.86 | 49.27 -0.77 1.46 | 42.24 -0.66 1.45 | 36.21 -0.54 1.96 | 34.41 -0.47 1.45 | 34.02 -0.42 0.90 | 26.74 -0.31 0.80 |
| MARBLE_RIVER_WT_PWR 323696 | 14.95 -1.42 5.14 | 14.77 -1.39 6.33 | 14.15 -1.24 4.33 | 13.96 -1.18 3.60 | 13.90 -1.23 3.82 | 14.90 -1.43 6.30 | 17.39 -1.55 6.86 | 17.30 -1.20 2.87 | 21.74 -1.56 5.04 | 22.98 -1.77 4.70 | 26.72 -2.01 4.27 | 30.23 -1.90 0.00 | 31.39 -1.93 0.00 | 25.42 -1.57 0.00 | 25.11 -1.49 0.00 | 27.51 -1.60 0.00 | 30.52 -1.54 0.00 | 45.72 -2.46 0.00 | 48.71 -2.78 0.00 | 42.00 -2.35 0.00 | 36.78 -1.93 0.00 | 34.63 -1.71 0.00 | 33.82 -1.52 0.00 | 26.54 -1.31 0.00 |
| MARSH_HILL_WT_PWR 323713 | 23.44 0.41 -1.51 | 23.93 0.38 -1.05 | 21.39 0.37 -1.29 | 20.32 0.36 -1.23 | 20.76 0.36 -1.44 | 23.58 0.43 -0.52 | 26.76 0.31 -0.65 | 23.29 0.26 -1.67 | 30.94 0.57 -2.04 | 32.03 0.38 -2.20 | 39.19 0.30 -5.88 | 37.74 0.23 -5.39 | 37.48 0.20 -3.96 | 31.68 0.03 -4.67 | 31.31 -0.03 -4.74 | 33.99 0.46 -4.42 | 39.27 0.16 -7.06 | 56.08 1.01 -6.89 | 58.03 1.13 -5.40 | 50.31 0.62 -5.33 | 46.18 0.23 -7.24 | 41.72 0.04 -5.35 | 38.63 -0.04 -3.32 | 31.27 0.47 -2.95 |
| MG INDUSTRY___DRP 24185 | 32.14 1.16 -9.47 | 30.49 1.21 -6.78 | 28.88 1.06 -8.09 | 27.40 1.01 -7.65 | 28.92 1.02 -8.94 | 27.47 1.22 -3.62 | 31.49 1.26 -4.42 | 32.62 1.07 -10.19 | 42.99 1.59 -13.07 | 45.04 1.62 -13.98 | 71.58 1.88 -36.69 | 67.24 1.80 -33.31 | 59.66 1.86 -24.47 | 57.35 1.51 -28.85 | 57.37 1.49 -29.29 | 58.09 1.66 -27.32 | 77.45 1.79 -43.60 | 93.45 2.70 -42.58 | 87.74 2.88 -33.36 | 79.95 2.48 -33.11 | 85.77 2.13 -44.93 | 71.55 2.00 -33.22 | 57.89 1.91 -20.64 | 47.63 1.45 -18.34 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| MID___OSWEGATCHIE_HYD 23849 | 17.59 -1.12 2.80 | 17.90 -1.15 3.45 | 16.32 -1.05 2.36 | 15.82 -0.95 1.96 | 15.90 -0.97 2.08 | 18.16 -1.04 3.43 | 20.93 -1.13 3.74 | 18.99 -0.81 1.56 | 24.17 -1.42 2.74 | 25.50 -1.38 2.56 | 29.13 -1.55 2.33 | 30.59 -1.54 0.00 | 31.76 -1.57 0.00 | 25.83 -1.16 0.00 | 25.46 -1.14 0.00 | 27.51 -1.60 0.00 | 30.55 -1.51 0.00 | 46.06 -2.12 0.00 | 49.18 -2.32 0.00 | 42.27 -2.08 0.00 | 36.93 -1.78 0.00 | 34.84 -1.49 0.00 | 34.14 -1.20 0.00 | 26.87 -0.98 0.00 |
| MID___RAQUETTE_HYD 23851 | 15.59 -1.81 4.11 | 15.61 -1.82 5.07 | 14.60 -1.66 3.47 | 14.32 -1.54 2.88 | 14.32 -1.57 3.06 | 15.80 -1.79 5.04 | 18.35 -1.96 5.49 | 17.60 -1.47 2.29 | 21.98 -2.32 4.03 | 23.24 -2.44 3.76 | 26.89 -2.71 3.42 | 29.49 -2.63 0.00 | 30.66 -2.67 0.00 | 25.02 -1.97 0.00 | 24.71 -1.89 0.00 | 26.58 -2.53 0.00 | 29.46 -2.60 0.00 | 44.28 -3.90 0.00 | 47.17 -4.33 0.00 | 40.63 -3.73 0.00 | 35.58 -3.13 0.00 | 33.72 -2.62 0.00 | 33.33 -2.01 0.00 | 26.26 -1.59 0.00 |
| MILLIKEN___1 23584 | 23.58 0.64 -1.42 | 24.12 0.65 -0.97 | 21.51 0.57 -1.21 | 20.45 0.56 -1.15 | 20.88 0.57 -1.36 | 23.82 0.72 -0.47 | 27.26 0.88 -0.59 | 23.69 0.75 -1.57 | 31.08 0.82 -1.92 | 32.40 0.88 -2.07 | 39.54 0.96 -5.56 | 38.24 1.00 -5.12 | 38.08 1.00 -3.76 | 32.15 0.73 -4.43 | 31.74 0.64 -4.50 | 34.06 0.76 -4.20 | 39.62 0.87 -6.70 | 56.41 1.69 -6.54 | 58.47 1.85 -5.12 | 50.71 1.33 -5.03 | 46.66 1.12 -6.83 | 42.29 0.91 -5.05 | 39.25 0.78 -3.14 | 31.36 0.72 -2.79 |
| MILLIKEN___2 23585 | 23.58 0.64 -1.42 | 24.12 0.65 -0.97 | 21.51 0.57 -1.21 | 20.45 0.56 -1.15 | 20.88 0.57 -1.36 | 23.82 0.72 -0.47 | 27.26 0.88 -0.59 | 23.69 0.75 -1.57 | 31.08 0.82 -1.92 | 32.40 0.88 -2.07 | 39.54 0.96 -5.56 | 38.24 1.00 -5.12 | 38.08 1.00 -3.76 | 32.15 0.73 -4.43 | 31.74 0.64 -4.50 | 34.06 0.76 -4.20 | 39.62 0.87 -6.70 | 56.41 1.69 -6.54 | 58.47 1.85 -5.12 | 50.71 1.33 -5.03 | 46.66 1.12 -6.83 | 42.29 0.91 -5.05 | 39.25 0.78 -3.14 | 31.36 0.72 -2.79 |
| MILLIKEN___DIESEL 23629 | 23.58 0.64 -1.42 | 24.12 0.65 -0.97 | 21.51 0.57 -1.21 | 20.45 0.56 -1.15 | 20.88 0.57 -1.36 | 23.82 0.72 -0.47 | 27.26 0.88 -0.59 | 23.69 0.75 -1.57 | 31.08 0.82 -1.92 | 32.40 0.88 -2.07 | 39.54 0.96 -5.56 | 38.24 1.00 -5.12 | 38.08 1.00 -3.76 | 32.15 0.73 -4.43 | 31.74 0.64 -4.50 | 34.06 0.76 -4.20 | 39.62 0.87 -6.70 | 56.41 1.69 -6.54 | 58.47 1.85 -5.12 | 50.71 1.33 -5.03 | 46.66 1.12 -6.83 | 42.29 0.91 -5.05 | 39.25 0.78 -3.14 | 31.36 0.72 -2.79 |
| MILLSEAT___LFGE 323607 | 22.34 -0.19 -1.02 | 22.97 -0.22 -0.69 | 20.48 -0.12 -0.87 | 19.48 -0.09 -0.83 | 19.85 -0.08 -0.98 | 22.85 -0.11 -0.33 | 25.47 -0.75 -0.41 | 21.71 -0.79 -1.13 | 29.04 -0.68 -1.38 | 30.20 -0.74 -1.49 | 35.98 -1.06 -4.02 | 34.48 -1.35 -3.70 | 34.58 -1.47 -2.72 | 28.85 -1.35 -3.21 | 28.61 -1.25 -3.26 | 31.13 -1.02 -3.04 | 35.53 -1.38 -4.85 | 51.33 -1.59 -4.73 | 53.51 -1.70 -3.71 | 46.11 -1.91 -3.67 | 41.63 -2.05 -4.98 | 37.87 -2.14 -3.68 | 35.54 -2.09 -2.29 | 28.88 -1.00 -2.03 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 30.93 1.94 -7.47 | 29.88 2.03 -5.35 | 27.89 1.78 -6.39 | 26.43 1.65 -6.04 | 27.66 1.65 -7.06 | 27.44 1.95 -2.86 | 31.62 2.32 -3.49 | 31.48 2.07 -8.04 | 42.01 3.00 -10.68 | 43.93 3.06 -11.41 | 66.64 3.66 -29.96 | 62.90 3.57 -27.21 | 56.98 3.67 -19.99 | 53.52 2.97 -23.56 | 53.50 2.98 -23.92 | 54.71 3.29 -22.31 | 71.19 3.53 -35.61 | 88.49 5.54 -34.77 | 84.71 5.97 -27.24 | 76.58 5.19 -27.04 | 79.82 4.41 -36.69 | 67.50 4.03 -27.13 | 56.05 3.85 -16.85 | 45.69 2.87 -14.98 |
| MODEL_CITY_ENERGY 24167 | 21.89 -0.71 -1.08 | 22.47 -0.77 -0.74 | 20.09 -0.55 -0.92 | 19.11 -0.51 -0.88 | 19.49 -0.49 -1.03 | 22.31 -0.68 -0.35 | 24.64 -1.60 -0.44 | 21.09 -1.47 -1.20 | 28.13 -1.67 -1.47 | 29.29 -1.74 -1.58 | 35.05 -2.21 -4.25 | 33.57 -2.47 -3.91 | 33.53 -2.67 -2.87 | 28.05 -2.32 -3.39 | 27.83 -2.21 -3.44 | 30.25 -2.07 -3.21 | 34.68 -2.50 -5.12 | 49.71 -3.47 -5.00 | 51.70 -3.71 -3.92 | 44.64 -3.59 -3.87 | 40.45 -3.52 -5.26 | 36.70 -3.52 -3.89 | 34.43 -3.32 -2.41 | 28.02 -1.98 -2.15 |
| MODERN_LFGE___ 323580 | 21.89 -0.71 -1.08 | 22.47 -0.77 -0.74 | 20.09 -0.55 -0.92 | 19.11 -0.51 -0.88 | 19.49 -0.49 -1.03 | 22.31 -0.68 -0.35 | 24.64 -1.60 -0.44 | 21.09 -1.47 -1.20 | 28.13 -1.67 -1.47 | 29.29 -1.74 -1.58 | 35.05 -2.21 -4.25 | 33.57 -2.47 -3.91 | 33.53 -2.67 -2.87 | 28.05 -2.32 -3.39 | 27.83 -2.21 -3.44 | 30.25 -2.07 -3.21 | 34.68 -2.50 -5.12 | 49.71 -3.47 -5.00 | 51.70 -3.71 -3.92 | 44.64 -3.59 -3.87 | 40.45 -3.52 -5.26 | 36.70 -3.52 -3.89 | 34.43 -3.32 -2.41 | 28.02 -1.98 -2.15 |
| MOHAWK_PAPER___DRP 24187 | 32.51 1.31 -9.69 | 30.75 1.35 -6.90 | 29.19 1.18 -8.28 | 27.71 1.14 -7.83 | 29.29 1.18 -9.17 | 27.71 1.43 -3.65 | 31.74 1.47 -4.47 | 33.04 1.22 -10.46 | 43.55 1.84 -13.38 | 45.68 1.91 -14.31 | 72.87 2.18 -37.68 | 68.47 2.09 -34.26 | 60.66 2.16 -25.17 | 58.39 1.73 -29.67 | 58.39 1.68 -30.12 | 59.13 1.92 -28.10 | 78.95 2.05 -44.84 | 95.19 3.23 -43.79 | 89.25 3.45 -34.31 | 81.33 2.93 -34.05 | 87.43 2.51 -46.20 | 72.83 2.33 -34.17 | 58.79 2.23 -21.22 | 48.40 1.70 -18.86 |
| MONGAUP___HYD 23641 | 30.38 1.98 -6.89 | 29.50 2.07 -4.93 | 27.45 1.83 -5.89 | 26.01 1.70 -5.56 | 27.19 1.72 -6.51 | 27.26 1.99 -2.63 | 31.34 2.32 -3.22 | 30.81 2.03 -7.41 | 42.27 3.60 -10.34 | 44.42 3.92 -11.05 | 66.42 4.39 -29.01 | 62.84 4.37 -26.35 | 57.17 4.50 -19.35 | 53.26 3.46 -22.81 | 53.21 3.46 -23.16 | 54.50 3.78 -21.60 | 70.74 4.20 -34.48 | 88.16 6.31 -33.67 | 84.67 6.80 -26.38 | 76.43 5.90 -26.18 | 79.23 5.00 -35.53 | 67.04 4.43 -26.27 | 55.83 4.17 -16.32 | 45.47 3.12 -14.50 |
| MONTAUK___DIESEL 23721 | 36.98 4.24 -11.23 | 32.32 4.41 -5.41 | 30.07 3.91 -6.45 | 28.46 3.64 -6.08 | 29.74 3.68 -7.11 | 29.86 4.35 -2.88 | 34.44 5.11 -3.53 | 40.91 4.42 -15.12 | 45.60 6.38 -10.90 | 47.75 6.77 -11.53 | 78.14 7.99 -37.14 | 75.32 7.77 -35.42 | 70.29 8.03 -28.94 | 66.47 6.50 -32.98 | 73.33 6.43 -40.29 | 75.60 7.16 -39.33 | 102.70 7.85 -62.79 | 109.22 12.48 -48.56 | 110.47 13.49 -45.48 | 107.56 11.44 -51.76 | 104.93 9.76 -56.46 | 104.53 8.94 -59.26 | 76.50 8.69 -32.46 | 52.44 6.60 -18.00 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 31.23 2.20 -7.52 | 30.18 2.30 -5.38 | 28.16 2.01 -6.43 | 26.69 1.87 -6.07 | 27.93 1.88 -7.10 | 27.70 2.19 -2.87 | 31.95 2.63 -3.51 | 31.84 2.37 -8.10 | 42.37 3.31 -10.73 | 44.30 3.39 -11.47 | 67.21 4.09 -30.10 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.67 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.81 3.97 -35.77 | 89.33 6.22 -34.93 | 85.51 6.65 -27.37 | 77.28 5.76 -27.17 | 80.53 4.96 -36.86 | 68.13 4.54 -27.26 | 56.58 4.31 -16.93 | 46.12 3.23 -15.04 |
| MUNSVILLE_WIND_PWR 323609 | 25.42 1.66 -2.25 | 25.85 1.78 -1.57 | 23.10 1.46 -1.92 | 21.98 1.42 -1.82 | 22.55 1.46 -2.14 | 25.29 1.86 -0.80 | 29.03 2.24 -0.99 | 25.92 2.10 -2.45 | 33.91 2.55 -3.02 | 35.43 2.74 -3.24 | 44.70 3.07 -8.62 | 42.77 2.76 -7.88 | 41.94 2.83 -5.79 | 36.02 2.21 -6.82 | 35.60 2.08 -6.93 | 38.04 2.47 -6.46 | 45.32 2.95 -10.31 | 63.50 5.25 -10.07 | 65.15 5.77 -7.89 | 56.81 4.66 -7.80 | 53.25 3.95 -10.58 | 47.68 3.52 -7.83 | 43.39 3.18 -4.86 | 34.78 2.62 -4.32 |
| N SALMON___HYD 24042 | 15.05 -1.66 4.81 | 14.96 -1.62 5.92 | 14.19 -1.48 4.05 | 13.98 -1.39 3.37 | 13.94 -1.44 3.58 | 15.11 -1.63 5.89 | 17.65 -1.73 6.42 | 17.40 -1.28 2.68 | 21.89 -1.73 4.71 | 23.11 -1.94 4.40 | 26.77 -2.25 4.00 | 30.04 -2.09 0.00 | 31.19 -2.13 0.00 | 25.29 -1.70 0.00 | 25.03 -1.57 0.00 | 27.36 -1.75 0.00 | 30.49 -1.57 0.00 | 45.67 -2.51 0.00 | 48.56 -2.93 0.00 | 41.83 -2.53 0.00 | 36.66 -2.05 0.00 | 34.52 -1.82 0.00 | 33.89 -1.45 0.00 | 26.57 -1.28 0.00 |

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|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| N.E_GEN_SANDY PD 24062 | 32.07 1.66 -8.90 | 30.56 1.69 -6.37 | 28.81 1.48 -7.61 | 27.35 1.42 -7.19 | 28.80 1.44 -8.41 | 27.80 1.77 -3.40 | 32.00 2.04 -4.16 | 36.56 1.80 -13.40 | 42.67 2.55 -11.79 | 47.00 2.62 -14.93 | 65.80 2.97 -29.81 | 66.50 2.83 -31.55 | 59.43 2.93 -23.17 | 56.68 2.38 -27.32 | 56.67 2.34 -27.73 | 57.60 2.62 -25.87 | 76.17 2.82 -41.29 | 92.78 4.29 -40.32 | 87.66 4.58 -31.59 | 79.61 3.90 -31.35 | 84.58 3.33 -42.54 | 70.88 3.09 -31.46 | 57.96 3.07 -19.54 | 47.55 2.34 -17.36 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 30.65 1.87 -7.26 | 29.65 1.96 -5.20 | 27.65 1.72 -6.21 | 26.20 1.59 -5.87 | 27.42 1.61 -6.86 | 27.29 1.88 -2.78 | 31.44 2.24 -3.39 | 31.19 2.01 -7.82 | 41.71 2.92 -10.46 | 43.60 2.97 -11.18 | 65.90 3.53 -29.35 | 62.22 3.44 -26.65 | 56.47 3.57 -19.58 | 52.93 2.86 -23.08 | 52.90 2.87 -23.43 | 54.17 3.20 -21.86 | 70.34 3.40 -34.88 | 87.59 5.35 -34.06 | 83.95 5.77 -26.69 | 75.81 4.97 -26.49 | 78.91 4.26 -35.94 | 66.80 3.89 -26.58 | 55.53 3.68 -16.51 | 45.30 2.78 -14.67 |
| NARROWS_GT1_1 24228 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_2 24229 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_3 24230 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_4 24231 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_5 24232 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_6 24233 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_7 24234 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT1_8 24235 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_1 24236 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_2 24237 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_3 24238 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_4 24239 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_5 24240 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_6 24241 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_7 24242 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NARROWS_GT2_8 24243 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 31.40 1.70 -8.19 | 30.14 1.78 -5.86 | 28.30 1.58 -7.00 | 26.83 1.48 -6.61 | 28.19 1.50 -7.74 | 27.50 1.74 -3.13 | 31.54 1.91 -3.83 | 31.78 1.60 -8.81 | 42.46 2.69 -11.44 | 44.44 2.77 -12.23 | 68.19 3.07 -32.10 | 64.30 3.02 -29.15 | 57.84 3.10 -21.41 | 54.58 2.35 -25.24 | 54.57 2.34 -25.63 | 55.75 2.74 -23.91 | 73.10 2.89 -38.15 | 89.72 4.29 -37.25 | 85.27 4.58 -29.19 | 77.27 3.95 -28.97 | 81.39 3.37 -39.31 | 68.38 2.98 -29.07 | 56.26 2.86 -18.06 | 46.01 2.12 -16.04 |
| NEG CAPITAL___MECHNVIL 23645 | 33.17 1.59 -10.06 | 31.26 1.60 -7.17 | 29.75 1.42 -8.61 | 28.24 1.37 -8.14 | 29.86 1.38 -9.52 | 28.16 1.74 -3.78 | 32.32 1.88 -4.64 | 33.82 1.58 -10.87 | 44.62 2.41 -13.88 | 46.77 2.47 -14.85 | 74.92 2.80 -39.10 | 70.36 2.67 -35.57 | 62.22 2.76 -26.13 | 60.00 2.21 -30.80 | 59.99 2.13 -31.27 | 60.72 2.45 -29.17 | 81.27 2.66 -46.55 | 97.92 4.29 -45.46 | 91.64 4.53 -35.61 | 83.52 3.81 -35.35 | 89.93 3.25 -47.97 | 74.86 3.05 -35.47 | 60.38 3.00 -22.03 | 49.82 2.40 -19.58 |
| NEG CENTRAL_HIGH_ACRES 23767 | 21.75 -0.58 -0.81 | 22.39 -0.65 -0.54 | 19.87 -0.55 -0.70 | 18.90 -0.51 -0.67 | 19.24 -0.49 -0.78 | 22.34 -0.54 -0.25 | 25.37 -0.75 -0.31 | 21.62 -0.82 -0.92 | 28.65 -0.79 -1.11 | 29.83 -0.82 -1.20 | 35.30 -0.99 -3.27 | 34.10 -1.06 -3.03 | 34.42 -1.13 -2.22 | 28.61 -1.00 -2.62 | 28.25 -1.01 -2.66 | 30.63 -0.96 -2.48 | 34.87 -1.15 -3.96 | 50.70 -1.35 -3.87 | 53.14 -1.39 -3.03 | 45.92 -1.42 -2.99 | 41.37 -1.39 -4.06 | 37.84 -1.49 -3.00 | 35.69 -1.52 -1.86 | 28.50 -1.00 -1.66 |
| NEG CENTRAL___DRP 24199 | 22.58 0.17 -0.89 | 23.25 0.16 -0.59 | 20.63 0.14 -0.76 | 19.62 0.15 -0.73 | 19.98 0.17 -0.86 | 23.15 0.25 -0.27 | 26.42 0.28 -0.34 | 22.59 0.21 -1.01 | 29.70 0.14 -1.22 | 30.98 0.21 -1.32 | 36.78 0.17 -3.60 | 35.66 0.19 -3.34 | 35.94 0.17 -2.45 | 29.93 0.05 -2.89 | 29.51 -0.03 -2.94 | 31.88 0.03 -2.74 | 36.46 0.03 -4.37 | 52.93 0.48 -4.27 | 55.41 0.57 -3.34 | 47.85 0.22 -3.27 | 43.27 0.12 -4.44 | 39.58 -0.04 -3.28 | 37.24 -0.14 -2.04 | 29.72 0.06 -1.81 |
| NEG CENTRAL___INDECK 23768 | 23.20 0.45 -1.24 | 23.75 0.41 -0.85 | 21.17 0.39 -1.06 | 20.14 0.39 -1.01 | 20.57 0.44 -1.18 | 23.61 0.57 -0.41 | 26.80 0.49 -0.52 | 23.12 0.39 -1.37 | 31.08 1.08 -1.67 | 31.93 0.68 -1.80 | 38.51 0.66 -4.84 | 37.08 0.51 -4.45 | 37.06 0.47 -3.27 | 31.08 0.24 -3.85 | 30.72 0.21 -3.91 | 33.63 0.87 -3.65 | 38.26 0.39 -5.82 | 55.21 1.35 -5.68 | 57.44 1.49 -4.45 | 49.64 0.89 -4.40 | 45.18 0.50 -5.97 | 40.97 0.22 -4.41 | 38.16 0.07 -2.74 | 30.70 0.42 -2.44 |
| NEG CENTRAL___SENECA 23627 | 22.83 0.30 -1.01 | 23.45 0.27 -0.68 | 20.84 0.26 -0.86 | 19.82 0.26 -0.82 | 20.21 0.28 -0.97 | 23.33 0.38 -0.32 | 26.61 0.41 -0.40 | 22.84 0.34 -1.13 | 30.05 0.34 -1.38 | 31.34 0.41 -1.48 | 37.39 0.36 -4.01 | 36.19 0.35 -3.71 | 36.38 0.33 -2.72 | 30.36 0.16 -3.21 | 29.94 0.08 -3.26 | 32.32 0.18 -3.04 | 37.13 0.23 -4.85 | 53.78 0.87 -4.74 | 56.18 0.98 -3.71 | 48.58 0.58 -3.65 | 44.01 0.35 -4.95 | 40.14 0.15 -3.66 | 37.65 0.04 -2.28 | 30.15 0.28 -2.02 |
| NEG CENTRAL___STATE_STREET 24147 | 22.76 0.39 -0.86 | 23.45 0.38 -0.57 | 20.78 0.31 -0.74 | 19.76 0.32 -0.71 | 20.13 0.34 -0.83 | 23.33 0.45 -0.25 | 26.69 0.57 -0.32 | 22.81 0.47 -0.98 | 30.03 0.51 -1.18 | 31.26 0.53 -1.28 | 37.08 0.56 -3.51 | 35.99 0.61 -3.26 | 36.32 0.60 -2.39 | 30.21 0.41 -2.82 | 29.75 0.29 -2.86 | 32.19 0.41 -2.67 | 36.77 0.45 -4.26 | 53.40 1.06 -4.16 | 55.89 1.13 -3.26 | 48.28 0.75 -3.18 | 43.60 0.58 -4.31 | 39.96 0.44 -3.19 | 37.64 0.32 -1.98 | 29.94 0.34 -1.76 |
| NEG MILLWOOD___DRP 24198 | 31.40 2.17 -7.72 | 30.25 2.23 -5.53 | 28.29 1.97 -6.60 | 26.81 1.84 -6.23 | 28.10 1.86 -7.29 | 27.69 2.11 -2.95 | 31.94 2.53 -3.61 | 31.85 2.18 -8.31 | 42.56 3.29 -10.94 | 44.56 3.41 -11.70 | 67.71 3.99 -30.70 | 63.99 3.98 -27.88 | 57.87 4.06 -20.48 | 54.42 3.29 -24.14 | 54.38 3.27 -24.51 | 55.58 3.61 -22.86 | 72.43 3.88 -36.49 | 89.98 6.17 -35.63 | 86.06 6.65 -27.92 | 77.83 5.76 -27.71 | 81.23 4.92 -37.60 | 68.57 4.43 -27.80 | 56.82 4.20 -17.27 | 46.34 3.15 -15.35 |
| NEG NORTH_FLCN_SEA 23793 | 15.05 -1.33 5.13 | 14.90 -1.28 6.32 | 14.24 -1.16 4.32 | 14.04 -1.11 3.59 | 13.98 -1.16 3.81 | 15.03 -1.31 6.29 | 17.56 -1.39 6.85 | 17.46 -1.05 2.86 | 22.01 -1.30 5.02 | 23.20 -1.56 4.69 | 26.97 -1.78 4.26 | 30.45 -1.67 0.00 | 31.63 -1.70 0.00 | 25.58 -1.40 0.00 | 25.30 -1.30 0.00 | 27.80 -1.31 0.00 | 30.87 -1.19 0.00 | 46.25 -1.93 0.00 | 49.23 -2.26 0.00 | 42.40 -1.95 0.00 | 37.16 -1.55 0.00 | 34.95 -1.38 0.00 | 34.18 -1.17 0.00 | 26.79 -1.06 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 14.99 -1.48 5.04 | 14.83 -1.46 6.21 | 14.17 -1.30 4.25 | 13.97 -1.24 3.53 | 13.91 -1.29 3.75 | 14.98 -1.47 6.18 | 17.47 -1.60 6.73 | 17.32 -1.24 2.81 | 21.75 -1.64 4.94 | 23.01 -1.83 4.61 | 26.74 -2.08 4.19 | 30.17 -1.96 0.00 | 31.32 -2.00 0.00 | 25.37 -1.62 0.00 | 25.08 -1.52 0.00 | 27.45 -1.66 0.00 | 30.52 -1.54 0.00 | 45.72 -2.46 0.00 | 48.66 -2.83 0.00 | 41.96 -2.40 0.00 | 36.74 -1.97 0.00 | 34.59 -1.74 0.00 | 33.79 -1.55 0.00 | 26.51 -1.34 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 14.91 -1.48 5.12 | 14.76 -1.44 6.30 | 14.11 -1.30 4.31 | 13.92 -1.24 3.59 | 13.86 -1.29 3.80 | 14.91 -1.45 6.27 | 17.43 -1.55 6.83 | 17.38 -1.13 2.85 | 21.85 -1.47 5.01 | 23.09 -1.68 4.68 | 26.81 -1.95 4.25 | 30.30 -1.83 0.00 | 31.49 -1.83 0.00 | 25.45 -1.54 0.00 | 25.19 -1.41 0.00 | 27.68 -1.43 0.00 | 30.81 -1.25 0.00 | 46.16 -2.02 0.00 | 49.13 -2.37 0.00 | 42.27 -2.08 0.00 | 37.05 -1.66 0.00 | 34.84 -1.49 0.00 | 34.10 -1.24 0.00 | 26.70 -1.14 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 14.91 -1.48 5.12 | 14.76 -1.44 6.30 | 14.11 -1.30 4.31 | 13.92 -1.24 3.59 | 13.86 -1.29 3.80 | 14.91 -1.45 6.27 | 17.43 -1.55 6.83 | 17.38 -1.13 2.85 | 21.85 -1.47 5.01 | 23.09 -1.68 4.68 | 26.81 -1.95 4.25 | 30.30 -1.83 0.00 | 31.49 -1.83 0.00 | 25.45 -1.54 0.00 | 25.19 -1.41 0.00 | 27.68 -1.43 0.00 | 30.81 -1.25 0.00 | 46.16 -2.02 0.00 | 49.13 -2.37 0.00 | 42.27 -2.08 0.00 | 37.05 -1.66 0.00 | 34.84 -1.49 0.00 | 34.10 -1.24 0.00 | 26.70 -1.14 0.00 |

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| NEG NORTH___PLATTSBURG 23628 | 14.91 -1.48 5.12 | 14.76 -1.44 6.30 | 14.11 -1.30 4.31 | 13.92 -1.24 3.59 | 13.86 -1.29 3.80 | 14.91 -1.45 6.27 | 17.43 -1.55 6.83 | 17.38 -1.13 2.85 | 21.85 -1.47 5.01 | 23.09 -1.68 4.68 | 26.81 -1.95 4.25 | 30.30 -1.83 0.00 | 31.49 -1.83 0.00 | 25.45 -1.54 0.00 | 25.19 -1.41 0.00 | 27.68 -1.43 0.00 | 30.81 -1.25 0.00 | 46.16 -2.02 0.00 | 49.13 -2.37 0.00 | 42.27 -2.08 0.00 | 37.05 -1.66 0.00 | 34.84 -1.49 0.00 | 34.10 -1.24 0.00 | 26.70 -1.14 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 22.09 -0.49 -1.07 | 22.69 -0.54 -0.73 | 20.28 -0.35 -0.91 | 19.27 -0.34 -0.87 | 19.65 -0.32 -1.02 | 22.53 -0.45 -0.35 | 25.00 -1.24 -0.44 | 21.27 -1.28 -1.19 | 28.37 -1.42 -1.45 | 29.57 -1.44 -1.56 | 35.30 -1.92 -4.20 | 33.78 -2.22 -3.87 | 33.80 -2.37 -2.84 | 28.29 -2.05 -3.35 | 28.06 -1.94 -3.40 | 30.51 -1.78 -3.17 | 34.88 -2.24 -5.07 | 50.14 -2.99 -4.95 | 52.13 -3.24 -3.88 | 44.99 -3.19 -3.83 | 40.74 -3.17 -5.20 | 36.98 -3.20 -3.85 | 34.73 -3.00 -2.39 | 28.41 -1.56 -2.12 |
| NEG WEST___LANCASTR 23811 | 22.93 0.15 -1.26 | 23.53 0.16 -0.87 | 21.02 0.22 -1.08 | 19.99 0.23 -1.03 | 20.39 0.23 -1.21 | 23.28 0.23 -0.42 | 26.25 -0.08 -0.53 | 22.66 -0.11 -1.40 | 30.22 0.17 -1.71 | 31.44 0.15 -1.84 | 37.82 -0.13 -4.94 | 36.21 -0.45 -4.54 | 36.16 -0.50 -3.33 | 30.32 -0.59 -3.93 | 30.06 -0.53 -3.99 | 32.66 -0.17 -3.72 | 37.42 -0.58 -5.94 | 53.69 -0.29 -5.80 | 55.78 -0.26 -4.54 | 48.18 -0.66 -4.49 | 43.84 -0.97 -6.09 | 39.75 -1.09 -4.51 | 37.01 -1.13 -2.80 | 30.11 -0.22 -2.49 |
| NEG_PENN_ALLEGHNY 23528 | 24.55 0.67 -2.37 | 24.86 0.70 -1.66 | 22.38 0.63 -2.03 | 21.26 0.60 -1.92 | 21.81 0.61 -2.25 | 24.21 0.72 -0.85 | 27.70 0.85 -1.05 | 24.68 0.73 -2.58 | 32.45 0.93 -3.18 | 33.74 0.88 -3.41 | 42.99 0.92 -9.06 | 41.33 0.93 -8.27 | 40.33 0.93 -6.08 | 34.83 0.67 -7.16 | 34.48 0.61 -7.27 | 36.74 0.84 -6.78 | 43.69 0.80 -10.83 | 60.29 1.54 -10.57 | 61.53 1.75 -8.28 | 53.84 1.29 -8.20 | 50.89 1.05 -11.13 | 45.44 0.87 -8.23 | 41.20 0.74 -5.11 | 33.20 0.81 -4.54 |
| NEG___GEN_MONROE 24207 | 22.20 -0.17 -0.86 | 22.88 -0.20 -0.58 | 20.30 -0.16 -0.74 | 19.31 -0.13 -0.70 | 19.69 -0.09 -0.83 | 22.81 -0.09 -0.27 | 25.75 -0.39 -0.34 | 21.91 -0.43 -0.97 | 29.34 -0.17 -1.18 | 30.28 -0.44 -1.27 | 35.83 -0.63 -3.44 | 34.51 -0.80 -3.18 | 34.76 -0.90 -2.34 | 28.91 -0.84 -2.75 | 28.60 -0.80 -2.80 | 31.28 -0.44 -2.61 | 35.36 -0.86 -4.16 | 51.38 -0.87 -4.06 | 53.81 -0.88 -3.18 | 46.43 -1.06 -3.15 | 41.82 -1.16 -4.27 | 38.15 -1.34 -3.16 | 35.96 -1.34 -1.96 | 28.89 -0.70 -1.74 |
| NEPA___ENERGY 23901 | 22.85 -0.19 -1.53 | 23.33 -0.22 -1.06 | 20.93 -0.10 -1.31 | 19.88 -0.09 -1.24 | 20.31 -0.09 -1.46 | 23.00 -0.16 -0.53 | 26.04 -0.41 -0.65 | 22.73 -0.32 -1.68 | 30.13 -0.28 -2.08 | 31.33 -0.35 -2.24 | 38.33 -0.66 -5.98 | 36.74 -0.87 -5.48 | 36.42 -0.93 -4.03 | 30.84 -0.89 -4.74 | 30.56 -0.85 -4.82 | 32.99 -0.61 -4.49 | 38.14 -1.09 -7.17 | 53.98 -1.20 -7.00 | 55.85 -1.13 -5.49 | 48.39 -1.33 -5.37 | 44.49 -1.51 -7.29 | 40.20 -1.52 -5.39 | 37.14 -1.55 -3.35 | 30.24 -0.59 -2.97 |
| NEVERSINK___HYD 23608 | 29.69 1.42 -6.76 | 28.82 1.48 -4.84 | 26.80 1.30 -5.78 | 25.41 1.22 -5.46 | 26.57 1.23 -6.38 | 26.64 1.43 -2.58 | 30.66 1.70 -3.16 | 30.18 1.54 -7.27 | 39.63 2.18 -9.11 | 41.40 2.21 -9.74 | 61.17 2.58 -25.58 | 57.86 2.51 -23.23 | 52.95 2.57 -17.06 | 49.10 2.00 -20.12 | 49.04 2.02 -20.42 | 50.49 2.33 -19.05 | 64.90 2.44 -30.40 | 81.63 3.76 -29.69 | 78.82 4.07 -23.26 | 70.94 3.50 -23.09 | 73.02 2.98 -31.33 | 62.15 2.65 -23.16 | 52.20 2.47 -14.39 | 42.50 1.87 -12.78 |
| NEWTON___FALLS_HYD 23847 | 17.59 -1.12 2.80 | 17.90 -1.15 3.45 | 16.32 -1.05 2.36 | 15.82 -0.95 1.96 | 15.90 -0.97 2.08 | 18.16 -1.04 3.43 | 20.93 -1.13 3.74 | 18.99 -0.81 1.56 | 24.17 -1.42 2.74 | 25.50 -1.38 2.56 | 29.13 -1.55 2.33 | 30.59 -1.54 0.00 | 31.76 -1.57 0.00 | 25.83 -1.16 0.00 | 25.46 -1.14 0.00 | 27.51 -1.60 0.00 | 30.55 -1.51 0.00 | 46.06 -2.12 0.00 | 49.18 -2.32 0.00 | 42.27 -2.08 0.00 | 36.93 -1.78 0.00 | 34.84 -1.49 0.00 | 34.14 -1.20 0.00 | 26.87 -0.98 0.00 |
| NIAGARA_115E_LBMP 323715 | 21.79 -0.82 -1.09 | 22.37 -0.88 -0.74 | 20.00 -0.65 -0.93 | 19.01 -0.62 -0.89 | 19.41 -0.59 -1.04 | 22.20 -0.79 -0.36 | 24.44 -1.81 -0.45 | 21.00 -1.58 -1.21 | 27.94 -1.87 -1.48 | 29.09 -1.94 -1.59 | 34.86 -2.44 -4.29 | 33.37 -2.70 -3.94 | 33.36 -2.87 -2.90 | 27.92 -2.48 -3.42 | 27.70 -2.37 -3.47 | 30.10 -2.24 -3.24 | 34.50 -2.73 -5.16 | 49.41 -3.81 -5.04 | 51.38 -4.07 -3.95 | 44.36 -3.90 -3.91 | 40.22 -3.79 -5.30 | 36.51 -3.74 -3.92 | 34.24 -3.53 -2.43 | 27.81 -2.20 -2.16 |
| NIAGARA_115W_LBMP 323714 | 21.74 -0.86 -1.09 | 22.34 -0.90 -0.74 | 19.98 -0.67 -0.93 | 18.99 -0.64 -0.89 | 19.37 -0.62 -1.04 | 22.15 -0.84 -0.36 | 24.49 -1.76 -0.45 | 21.06 -1.52 -1.21 | 28.05 -1.76 -1.48 | 29.18 -1.85 -1.59 | 34.98 -2.31 -4.28 | 33.50 -2.57 -3.94 | 33.49 -2.73 -2.90 | 28.00 -2.40 -3.41 | 27.78 -2.29 -3.46 | 30.19 -2.15 -3.23 | 34.62 -2.60 -5.16 | 49.60 -3.61 -5.04 | 51.53 -3.92 -3.95 | 44.53 -3.73 -3.90 | 40.37 -3.64 -5.30 | 36.65 -3.60 -3.92 | 34.38 -3.39 -2.43 | 27.87 -2.14 -2.16 |
| NIAGARA_230_LBMP 323716 | 21.79 -0.80 -1.08 | 22.40 -0.83 -0.73 | 20.01 -0.63 -0.92 | 19.01 -0.60 -0.88 | 19.40 -0.59 -1.03 | 22.21 -0.77 -0.35 | 24.72 -1.52 -0.44 | 21.26 -1.30 -1.19 | 28.26 -1.53 -1.46 | 29.40 -1.62 -1.57 | 35.20 -2.05 -4.23 | 33.74 -2.28 -3.90 | 33.72 -2.47 -2.86 | 28.20 -2.16 -3.37 | 27.98 -2.05 -3.42 | 30.41 -1.89 -3.19 | 34.82 -2.34 -5.10 | 49.93 -3.23 -4.98 | 51.95 -3.45 -3.90 | 44.89 -3.33 -3.86 | 40.66 -3.29 -5.24 | 36.97 -3.23 -3.87 | 34.67 -3.08 -2.41 | 28.09 -1.89 -2.14 |
| NIAGARA____ 23760 | 21.78 -0.82 -1.08 | 22.36 -0.88 -0.74 | 20.00 -0.65 -0.93 | 19.00 -0.62 -0.88 | 19.40 -0.59 -1.04 | 22.19 -0.79 -0.36 | 24.57 -1.68 -0.45 | 21.12 -1.45 -1.20 | 28.11 -1.70 -1.47 | 29.23 -1.80 -1.58 | 35.00 -2.28 -4.26 | 33.55 -2.51 -3.92 | 33.54 -2.67 -2.88 | 28.04 -2.35 -3.40 | 27.81 -2.23 -3.45 | 30.23 -2.10 -3.22 | 34.66 -2.53 -5.14 | 49.68 -3.52 -5.02 | 51.62 -3.81 -3.93 | 44.60 -3.64 -3.89 | 40.43 -3.56 -5.28 | 36.71 -3.52 -3.90 | 34.44 -3.32 -2.42 | 27.94 -2.06 -2.15 |
| NINE_MILE_1 23575 | 21.47 -0.45 -0.41 | 22.26 -0.50 -0.26 | 19.66 -0.42 -0.35 | 18.68 -0.39 -0.34 | 18.95 -0.40 -0.40 | 22.28 -0.45 -0.10 | 25.39 -0.54 -0.14 | 21.30 -0.53 -0.47 | 28.16 -0.74 -0.57 | 29.30 -0.77 -0.61 | 33.80 -0.92 -1.71 | 32.82 -0.90 -1.60 | 33.53 -0.97 -1.17 | 27.56 -0.81 -1.38 | 27.20 -0.80 -1.40 | 29.52 -0.90 -1.31 | 33.12 -1.03 -2.09 | 48.67 -1.54 -2.04 | 51.44 -1.65 -1.60 | 44.52 -1.42 -1.59 | 39.62 -1.24 -2.15 | 36.73 -1.20 -1.59 | 35.17 -1.17 -0.99 | 27.86 -0.86 -0.88 |
| NINE_MILE_2 23744 | 21.47 -0.45 -0.41 | 22.26 -0.50 -0.26 | 19.66 -0.42 -0.35 | 18.68 -0.39 -0.33 | 18.95 -0.40 -0.40 | 22.28 -0.45 -0.10 | 25.39 -0.54 -0.14 | 21.30 -0.53 -0.47 | 28.16 -0.74 -0.56 | 29.29 -0.77 -0.61 | 33.79 -0.92 -1.70 | 32.82 -0.90 -1.59 | 33.53 -0.97 -1.17 | 27.58 -0.78 -1.38 | 27.20 -0.80 -1.40 | 29.51 -0.90 -1.31 | 33.11 -1.03 -2.08 | 48.67 -1.54 -2.03 | 51.44 -1.65 -1.59 | 44.51 -1.42 -1.58 | 39.62 -1.24 -2.15 | 36.72 -1.20 -1.59 | 35.16 -1.17 -0.99 | 27.86 -0.86 -0.88 |
| NM_CAPITAL___DRP 24208 | 32.35 1.23 -9.61 | 30.61 1.26 -6.85 | 29.06 1.12 -8.22 | 27.57 1.07 -7.77 | 29.14 1.10 -9.09 | 27.59 1.33 -3.62 | 31.55 1.32 -4.44 | 32.81 1.07 -10.37 | 43.22 1.61 -13.28 | 45.33 1.68 -14.20 | 72.31 1.91 -37.38 | 67.95 1.83 -33.99 | 60.19 1.90 -24.97 | 57.93 1.51 -29.43 | 57.97 1.49 -29.88 | 58.67 1.69 -27.87 | 78.34 1.79 -44.48 | 94.41 2.79 -43.44 | 88.52 2.99 -34.03 | 80.66 2.53 -33.78 | 86.72 2.17 -45.84 | 72.23 2.00 -33.90 | 58.34 1.94 -21.05 | 48.03 1.47 -18.71 |

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| NM_CENTRAL___DRP 24181 | 21.95 -0.02 -0.46 | 22.71 -0.04 -0.25 | 20.07 -0.04 -0.39 | 19.10 -0.02 -0.38 | 19.39 -0.02 -0.46 | 22.69 0.00 -0.06 | 25.89 0.00 -0.09 | 21.89 -0.04 -0.56 | 28.85 -0.14 -0.66 | 30.02 -0.15 -0.72 | 34.93 -0.20 -2.11 | 33.96 -0.19 -2.02 | 34.61 -0.20 -1.49 | 28.52 -0.22 -1.75 | 28.11 -0.27 -1.78 | 30.51 -0.26 -1.66 | 34.39 -0.32 -2.65 | 50.43 -0.33 -2.59 | 53.22 -0.31 -2.03 | 46.23 -0.22 -2.10 | 41.37 -0.19 -2.85 | 38.19 -0.25 -2.11 | 36.33 -0.32 -1.31 | 28.82 -0.19 -1.16 |
| NM_FRONTIER___DRP 24179 | 21.74 -0.86 -1.09 | 22.34 -0.90 -0.74 | 19.98 -0.67 -0.93 | 18.99 -0.64 -0.89 | 19.37 -0.62 -1.04 | 22.15 -0.84 -0.36 | 24.49 -1.76 -0.45 | 21.06 -1.52 -1.21 | 28.05 -1.76 -1.48 | 29.18 -1.85 -1.59 | 34.98 -2.31 -4.28 | 33.50 -2.57 -3.94 | 33.49 -2.73 -2.90 | 28.00 -2.40 -3.41 | 27.78 -2.29 -3.46 | 30.19 -2.15 -3.23 | 34.62 -2.60 -5.16 | 49.60 -3.61 -5.04 | 51.53 -3.92 -3.95 | 44.53 -3.73 -3.90 | 40.37 -3.64 -5.30 | 36.65 -3.60 -3.92 | 34.38 -3.39 -2.43 | 27.87 -2.14 -2.16 |
| NM_ST_REGIS___HYD 24053 | 15.47 -1.79 4.26 | 15.46 -1.80 5.24 | 14.52 -1.62 3.59 | 14.24 -1.52 2.98 | 14.23 -1.55 3.16 | 15.65 -1.77 5.22 | 18.18 -1.94 5.68 | 17.56 -1.43 2.37 | 21.98 -2.18 4.17 | 23.23 -2.33 3.89 | 26.87 -2.61 3.54 | 29.62 -2.51 0.00 | 30.76 -2.57 0.00 | 25.07 -1.92 0.00 | 24.79 -1.81 0.00 | 26.78 -2.33 0.00 | 29.72 -2.34 0.00 | 44.62 -3.56 0.00 | 47.53 -3.96 0.00 | 40.89 -3.46 0.00 | 35.85 -2.86 0.00 | 33.93 -2.40 0.00 | 33.47 -1.87 0.00 | 26.32 -1.53 0.00 |
| NORTHPORT___1 23551 | 35.71 2.97 -11.23 | 30.99 3.08 -5.41 | 28.93 2.76 -6.45 | 27.43 2.60 -6.08 | 28.68 2.62 -7.11 | 28.59 3.08 -2.88 | 32.89 3.56 -3.53 | 39.59 3.10 -15.12 | 43.65 4.42 -10.90 | 45.56 4.59 -11.52 | 75.24 5.38 -36.84 | 72.38 5.17 -35.08 | 67.19 5.30 -28.56 | 63.89 4.32 -32.59 | 70.90 4.31 -39.99 | 72.93 4.77 -39.05 | 99.73 5.06 -62.61 | 104.33 7.76 -48.39 | 104.61 8.40 -44.72 | 103.18 7.23 -51.59 | 101.23 6.23 -56.28 | 101.15 5.74 -59.08 | 73.27 5.72 -32.20 | 49.76 4.37 -17.54 |
| NORTHPORT___2 23552 | 35.71 2.97 -11.23 | 30.99 3.08 -5.41 | 28.93 2.76 -6.45 | 27.43 2.60 -6.08 | 28.68 2.62 -7.11 | 28.59 3.08 -2.88 | 32.89 3.56 -3.53 | 39.59 3.10 -15.12 | 43.65 4.42 -10.90 | 45.56 4.59 -11.52 | 75.24 5.38 -36.84 | 72.38 5.17 -35.08 | 67.19 5.30 -28.56 | 63.89 4.32 -32.59 | 70.90 4.31 -39.99 | 72.93 4.77 -39.05 | 99.73 5.06 -62.61 | 104.33 7.76 -48.39 | 104.61 8.40 -44.72 | 103.18 7.23 -51.59 | 101.23 6.23 -56.28 | 101.15 5.74 -59.08 | 73.27 5.72 -32.20 | 49.76 4.37 -17.54 |
| NORTHPORT___3 23553 | 35.04 2.30 -11.23 | 30.32 2.41 -5.41 | 28.36 2.19 -6.45 | 26.86 2.04 -6.08 | 28.11 2.05 -7.11 | 27.89 2.38 -2.88 | 32.09 2.76 -3.53 | 38.91 2.41 -15.12 | 42.71 3.48 -10.90 | 44.59 3.62 -11.52 | 74.12 4.29 -36.82 | 71.29 4.11 -35.05 | 66.09 4.23 -28.53 | 63.00 3.46 -32.56 | 69.94 3.43 -39.91 | 71.88 3.81 -38.96 | 98.64 4.04 -62.54 | 102.68 6.17 -48.33 | 102.68 6.54 -44.64 | 101.65 5.76 -51.53 | 99.89 4.96 -56.22 | 99.89 4.54 -59.02 | 72.05 4.59 -32.12 | 48.80 3.45 -17.51 |
| NORTHPORT___4 23650 | 35.04 2.30 -11.23 | 30.32 2.41 -5.41 | 28.36 2.19 -6.45 | 26.86 2.04 -6.08 | 28.11 2.05 -7.11 | 27.89 2.38 -2.88 | 32.09 2.76 -3.53 | 38.91 2.41 -15.12 | 42.71 3.48 -10.90 | 44.59 3.62 -11.52 | 74.12 4.29 -36.82 | 71.29 4.11 -35.05 | 66.09 4.23 -28.53 | 63.00 3.46 -32.56 | 69.94 3.43 -39.91 | 71.88 3.81 -38.96 | 98.64 4.04 -62.54 | 102.68 6.17 -48.33 | 102.68 6.54 -44.64 | 101.65 5.76 -51.53 | 99.89 4.96 -56.22 | 99.89 4.54 -59.02 | 72.05 4.59 -32.12 | 48.80 3.45 -17.51 |
| NORTHPORT___IC 23718 | 35.71 2.97 -11.23 | 30.99 3.08 -5.41 | 28.93 2.76 -6.45 | 27.43 2.60 -6.08 | 28.68 2.62 -7.11 | 28.59 3.08 -2.88 | 32.89 3.56 -3.53 | 39.59 3.10 -15.12 | 43.65 4.42 -10.90 | 45.56 4.59 -11.52 | 75.24 5.38 -36.84 | 72.38 5.17 -35.08 | 67.19 5.30 -28.56 | 63.89 4.32 -32.59 | 70.90 4.31 -39.99 | 72.93 4.77 -39.05 | 99.73 5.06 -62.61 | 104.33 7.76 -48.39 | 104.61 8.40 -44.72 | 103.18 7.23 -51.59 | 101.23 6.23 -56.28 | 101.15 5.74 -59.08 | 73.27 5.72 -32.20 | 49.76 4.37 -17.54 |
| NPX_GEN_1385_PROXY 323591 | 35.71 2.97 -11.23 | 30.99 3.08 -5.41 | 28.93 2.76 -6.45 | 27.43 2.60 -6.08 | 28.68 2.62 -7.11 | 28.59 3.08 -2.88 | 32.89 3.56 -3.53 | 43.41 3.10 -18.94 | 43.11 4.47 -10.30 | 47.26 4.59 -13.22 | 70.31 5.38 -31.92 | 72.38 5.17 -35.08 | 67.19 5.30 -28.56 | 63.89 4.32 -32.59 | 70.90 4.31 -39.99 | 72.99 4.83 -39.05 | 99.73 5.06 -62.61 | 104.33 7.76 -48.39 | 104.61 8.40 -44.72 | 103.18 7.23 -51.59 | 101.23 6.23 -56.28 | 101.15 5.74 -59.08 | 73.27 5.72 -32.20 | 49.76 4.37 -17.54 |
| NPX_GEN_CSC 323557 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.15 3.82 -3.53 | 43.64 3.33 -18.94 | 43.48 4.84 -10.30 | 47.74 5.07 -13.23 | 71.19 5.98 -32.20 | 73.31 5.78 -35.41 | 68.21 5.96 -28.92 | 64.78 4.83 -32.97 | 71.67 4.79 -40.28 | 73.78 5.36 -39.32 | 100.61 5.77 -62.78 | 105.79 9.05 -48.55 | 106.73 9.79 -45.45 | 104.44 8.34 -51.76 | 102.29 7.12 -56.46 | 102.12 6.54 -59.25 | 74.23 6.43 -32.45 | 50.70 4.87 -17.98 |
| NSINS_S_GLNS_FALLS 23858 | 33.13 1.63 -9.99 | 31.25 1.64 -7.11 | 29.72 1.46 -8.54 | 28.24 1.42 -8.07 | 29.77 1.37 -9.45 | 28.13 1.74 -3.75 | 32.23 1.83 -4.60 | 33.69 1.54 -10.79 | 44.46 2.35 -13.78 | 46.61 2.42 -14.74 | 74.50 2.67 -38.82 | 70.00 2.57 -35.31 | 61.93 2.67 -25.94 | 59.67 2.11 -30.57 | 59.66 2.02 -31.04 | 60.36 2.30 -28.95 | 80.80 2.53 -46.21 | 97.45 4.14 -45.12 | 91.22 4.37 -35.35 | 83.08 3.64 -35.09 | 89.42 3.10 -47.62 | 74.60 3.05 -35.21 | 60.21 3.00 -21.87 | 49.84 2.56 -19.43 |
| NUCOR_STEEL___DRP 24197 | 22.61 0.28 -0.82 | 23.33 0.29 -0.54 | 20.66 0.24 -0.70 | 19.65 0.24 -0.67 | 20.01 0.27 -0.79 | 23.23 0.36 -0.23 | 26.54 0.44 -0.30 | 22.64 0.34 -0.93 | 29.75 0.28 -1.13 | 31.02 0.35 -1.22 | 36.73 0.36 -3.36 | 35.67 0.42 -3.12 | 36.02 0.40 -2.29 | 29.93 0.24 -2.70 | 29.50 0.16 -2.74 | 31.85 0.18 -2.56 | 36.40 0.26 -4.09 | 52.89 0.72 -3.99 | 55.40 0.77 -3.13 | 47.84 0.44 -3.04 | 43.18 0.35 -4.13 | 39.60 0.22 -3.05 | 37.34 0.11 -1.89 | 29.70 0.17 -1.68 |
| NYISO_LBMP_REFERENCE 24008 | 21.51 0.00 0.00 | 22.50 0.00 0.00 | 19.72 0.00 0.00 | 18.74 0.00 0.00 | 18.95 0.00 0.00 | 22.63 0.00 0.00 | 25.80 0.00 0.00 | 21.37 0.00 0.00 | 28.33 0.00 0.00 | 29.45 0.00 0.00 | 33.01 0.00 0.00 | 32.13 0.00 0.00 | 33.32 0.00 0.00 | 26.99 0.00 0.00 | 26.60 0.00 0.00 | 29.11 0.00 0.00 | 32.06 0.00 0.00 | 48.18 0.00 0.00 | 51.50 0.00 0.00 | 44.35 0.00 0.00 | 38.71 0.00 0.00 | 36.33 0.00 0.00 | 35.34 0.00 0.00 | 27.85 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 35.84 3.10 -11.23 | 31.10 3.19 -5.41 | 29.05 2.88 -6.45 | 27.50 2.68 -6.08 | 28.78 2.71 -7.11 | 28.71 3.19 -2.88 | 33.05 3.72 -3.53 | 39.72 3.23 -15.12 | 43.88 4.65 -10.90 | 45.82 4.83 -11.54 | 76.22 5.68 -37.52 | 73.45 5.46 -35.86 | 68.38 5.63 -29.42 | 65.04 4.56 -33.49 | 71.83 4.55 -40.69 | 73.88 5.06 -39.70 | 100.51 5.42 -63.03 | 105.39 8.43 -48.78 | 107.03 9.07 -46.47 | 104.14 7.81 -51.98 | 102.11 6.70 -56.70 | 101.96 6.14 -59.49 | 74.23 6.08 -32.80 | 51.06 4.62 -18.59 |
| NYPA_GOWANUS____GT5 24156 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.70 4.24 -27.33 | 57.73 4.33 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.41 3.51 -15.05 |

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| NYPA_GOWANUS____GT6 24157 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.70 4.24 -27.33 | 57.73 4.33 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.41 3.51 -15.05 |
| NYPA_HARLEM__RVR_GT1 24160 | 31.47 2.43 -7.53 | 30.43 2.54 -5.39 | 28.41 2.25 -6.44 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.01 2.49 -2.89 | 32.19 2.86 -3.53 | 32.12 2.65 -8.10 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.38 3.48 -15.05 |
| NYPA_HARLEM__RVR_GT2 24161 | 31.47 2.43 -7.53 | 30.43 2.54 -5.39 | 28.41 2.25 -6.44 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.01 2.49 -2.89 | 32.19 2.86 -3.53 | 32.12 2.65 -8.10 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.38 3.48 -15.05 |
| NYPA_KENT____GT 24152 | 31.43 2.39 -7.53 | 30.39 2.50 -5.39 | 28.35 2.19 -6.44 | 26.86 2.04 -6.08 | 28.11 2.05 -7.11 | 27.88 2.38 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.48 3.56 -11.47 | 67.51 4.39 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.43 3.90 -22.42 | 72.07 4.23 -35.78 | 89.72 6.60 -34.94 | 85.98 7.11 -27.38 | 77.69 6.16 -27.17 | 80.84 5.26 -36.87 | 68.43 4.83 -27.26 | 56.87 4.59 -16.94 | 46.35 3.45 -15.05 |
| NYPA_POUCH1____GT 24155 | 31.37 2.32 -7.53 | 30.32 2.43 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.82 2.31 -2.87 | 31.98 2.35 -3.52 | 31.89 2.41 -8.11 | 42.37 3.31 -10.73 | 44.36 3.44 -11.47 | 67.42 4.29 -30.12 | 63.58 4.11 -27.34 | 57.60 4.20 -20.08 | 54.13 3.46 -23.69 | 54.13 3.48 -24.04 | 55.38 3.84 -22.43 | 72.01 4.17 -35.79 | 89.63 6.50 -34.95 | 85.88 7.00 -27.38 | 77.61 6.08 -27.18 | 80.81 5.22 -36.88 | 68.36 4.76 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| NYPA_VERNON____GT2 24162 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.45 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.03 | 55.43 3.90 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.87 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.26 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| NYPA_VERNON____GT3 24163 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.45 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.03 | 55.43 3.90 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.87 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.26 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| NYPA__ASTORIA_CC1 323568 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| NYPA__ASTORIA_CC2 323569 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.46 3.40 -10.72 | 44.39 3.47 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| NYPA__HOLTSVILL 23794 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.48 2.66 -6.08 | 28.74 2.67 -7.11 | 28.68 3.17 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.85 4.62 -10.90 | 45.81 4.83 -11.53 | 75.79 5.68 -37.10 | 72.97 5.46 -35.38 | 67.84 5.63 -28.89 | 64.48 4.56 -32.93 | 71.40 4.55 -40.26 | 73.47 5.06 -39.29 | 100.25 5.42 -62.77 | 105.20 8.48 -48.54 | 105.99 9.12 -45.38 | 103.90 7.81 -51.74 | 101.85 6.70 -56.44 | 101.71 6.14 -59.23 | 73.86 6.08 -32.43 | 50.38 4.59 -17.94 |
| NYPA____HELLGATE_GT1 24158 | 31.47 2.43 -7.53 | 30.43 2.54 -5.39 | 28.41 2.25 -6.44 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.00 2.49 -2.87 | 32.18 2.86 -3.51 | 32.13 2.65 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.38 3.48 -15.05 |
| NYPA____HELLGATE_GT2 24159 | 31.47 2.43 -7.53 | 30.43 2.54 -5.39 | 28.41 2.25 -6.44 | 26.94 2.12 -6.08 | 28.19 2.12 -7.11 | 28.00 2.49 -2.87 | 32.18 2.86 -3.51 | 32.13 2.65 -8.11 | 42.40 3.34 -10.72 | 44.29 3.39 -11.46 | 67.31 4.19 -30.11 | 63.63 4.17 -27.33 | 57.63 4.23 -20.08 | 54.20 3.53 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 71.94 4.10 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.42 5.90 -27.17 | 80.69 5.11 -36.87 | 68.29 4.69 -27.27 | 56.77 4.49 -16.94 | 46.38 3.48 -15.05 |
| NYS_BARGE__HYD 23848 | 22.10 -0.47 -1.06 | 22.70 -0.52 -0.72 | 20.29 -0.34 -0.91 | 19.28 -0.32 -0.86 | 19.66 -0.30 -1.01 | 22.55 -0.43 -0.35 | 25.00 -1.24 -0.43 | 21.33 -1.22 -1.18 | 28.44 -1.33 -1.44 | 29.64 -1.35 -1.55 | 35.40 -1.78 -4.17 | 33.88 -2.09 -3.84 | 33.91 -2.23 -2.82 | 28.34 -1.97 -3.33 | 28.11 -1.86 -3.38 | 30.57 -1.69 -3.15 | 34.97 -2.12 -5.03 | 50.29 -2.80 -4.91 | 52.30 -3.04 -3.85 | 45.14 -3.02 -3.80 | 40.81 -3.06 -5.16 | 37.10 -3.05 -3.82 | 34.82 -2.90 -2.37 | 28.39 -1.56 -2.11 |
| O.H_GEN_BRUCE 24063 | 22.07 -0.64 -1.20 | 22.65 -0.67 -0.83 | 20.24 -0.51 -1.03 | 19.25 -0.47 -0.98 | 19.65 -0.46 -1.15 | 22.42 -0.61 -0.40 | 25.09 -1.21 -0.50 | 25.47 -1.05 -5.15 | 28.18 -1.19 -1.04 | 31.60 -1.30 -3.45 | 31.07 -1.72 0.23 | 34.52 -1.93 -4.32 | 34.46 -2.03 -3.17 | 28.92 -1.81 -3.74 | 28.64 -1.76 -3.80 | 31.08 -1.57 -3.54 | 35.72 -1.99 -5.65 | 51.05 -2.65 -5.52 | 53.04 -2.78 -4.33 | 45.89 -2.75 -4.29 | 41.78 -2.75 -5.82 | 37.91 -2.73 -4.30 | 35.40 -2.61 -2.67 | 28.69 -1.53 -2.37 |
| OAK ORCHARD__HYD 24046 | 22.11 -0.26 -0.85 | 22.78 -0.29 -0.57 | 20.24 -0.22 -0.73 | 19.23 -0.21 -0.70 | 19.58 -0.19 -0.82 | 22.69 -0.20 -0.27 | 25.67 -0.46 -0.34 | 21.90 -0.43 -0.96 | 29.24 -0.26 -1.16 | 30.29 -0.41 -1.25 | 35.83 -0.59 -3.41 | 34.54 -0.74 -3.15 | 34.80 -0.83 -2.31 | 28.96 -0.76 -2.73 | 28.62 -0.74 -2.77 | 31.20 -0.50 -2.58 | 35.38 -0.80 -4.12 | 51.38 -0.82 -4.02 | 53.77 -0.88 -3.15 | 46.45 -1.02 -3.11 | 41.85 -1.08 -4.23 | 38.26 -1.20 -3.12 | 36.05 -1.24 -1.94 | 28.88 -0.70 -1.72 |

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| OCC_CHEM___DRP 24175 | 21.81 -0.80 -1.09 | 22.39 -0.85 -0.74 | 20.02 -0.63 -0.93 | 19.05 -0.58 -0.89 | 19.43 -0.57 -1.04 | 22.22 -0.77 -0.36 | 24.57 -1.68 -0.45 | 21.15 -1.43 -1.21 | 28.17 -1.64 -1.48 | 29.30 -1.74 -1.59 | 35.12 -2.18 -4.29 | 33.63 -2.44 -3.95 | 33.59 -2.63 -2.90 | 28.11 -2.29 -3.42 | 27.89 -2.18 -3.47 | 30.31 -2.04 -3.24 | 34.76 -2.47 -5.17 | 49.80 -3.42 -5.04 | 51.74 -3.71 -3.95 | 44.71 -3.55 -3.91 | 40.53 -3.48 -5.31 | 36.80 -3.45 -3.92 | 34.49 -3.29 -2.44 | 27.95 -2.06 -2.17 |
| OLIN_CORP_DRP 24177 | 21.84 -0.77 -1.10 | 22.44 -0.81 -0.75 | 20.07 -0.59 -0.94 | 19.07 -0.56 -0.90 | 19.45 -0.55 -1.05 | 22.25 -0.75 -0.36 | 24.58 -1.68 -0.45 | 21.11 -1.47 -1.22 | 28.10 -1.73 -1.49 | 29.26 -1.80 -1.60 | 35.06 -2.28 -4.32 | 33.56 -2.54 -3.98 | 33.55 -2.70 -2.92 | 28.08 -2.35 -3.44 | 27.86 -2.23 -3.50 | 30.27 -2.10 -3.26 | 34.70 -2.57 -5.20 | 49.70 -3.56 -5.08 | 51.67 -3.81 -3.98 | 44.61 -3.68 -3.94 | 40.46 -3.60 -5.34 | 36.73 -3.56 -3.95 | 34.44 -3.36 -2.45 | 27.97 -2.06 -2.18 |
| OLIN_CORP_DSASP 323712 | 21.81 -0.80 -1.09 | 22.39 -0.85 -0.74 | 20.02 -0.63 -0.93 | 19.05 -0.58 -0.89 | 19.43 -0.57 -1.04 | 22.22 -0.77 -0.36 | 24.57 -1.68 -0.45 | 21.15 -1.43 -1.21 | 28.17 -1.64 -1.48 | 29.30 -1.74 -1.59 | 35.12 -2.18 -4.29 | 33.63 -2.44 -3.95 | 33.59 -2.63 -2.90 | 28.11 -2.29 -3.42 | 27.89 -2.18 -3.47 | 30.31 -2.04 -3.24 | 34.76 -2.47 -5.17 | 49.80 -3.42 -5.04 | 51.74 -3.71 -3.95 | 44.71 -3.55 -3.91 | 40.53 -3.48 -5.31 | 36.80 -3.45 -3.92 | 34.49 -3.29 -2.44 | 27.95 -2.06 -2.17 |
| ONEIDA_HERK_LFGE 323681 | 21.17 0.28 0.62 | 22.05 0.31 0.76 | 19.44 0.24 0.52 | 18.57 0.26 0.43 | 18.78 0.28 0.46 | 22.30 0.43 0.76 | 25.46 0.49 0.83 | 21.51 0.49 0.35 | 28.24 0.51 0.61 | 29.53 0.65 0.57 | 33.22 0.73 0.52 | 32.74 0.61 0.00 | 33.92 0.60 0.00 | 27.47 0.49 0.00 | 27.05 0.45 0.00 | 29.55 0.44 0.00 | 32.70 0.64 0.00 | 49.38 1.20 0.00 | 52.78 1.29 0.00 | 45.37 1.02 0.00 | 39.56 0.85 0.00 | 37.10 0.76 0.00 | 36.05 0.71 0.00 | 28.40 0.56 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 22.93 0.60 -0.82 | 23.63 0.61 -0.53 | 20.96 0.53 -0.70 | 19.92 0.51 -0.67 | 20.28 0.53 -0.80 | 23.53 0.68 -0.22 | 26.93 0.85 -0.28 | 23.01 0.70 -0.94 | 30.18 0.71 -1.13 | 31.47 0.80 -1.23 | 37.31 0.89 -3.41 | 36.24 0.93 -3.18 | 36.63 0.97 -2.34 | 30.47 0.73 -2.75 | 30.01 0.61 -2.80 | 32.39 0.67 -2.61 | 37.02 0.80 -4.16 | 53.83 1.59 -4.06 | 56.43 1.75 -3.18 | 47.23 0.22 -2.65 | 42.46 0.16 -3.60 | 39.07 0.07 -2.66 | 36.99 0.00 -1.65 | 29.37 0.06 -1.47 |
| ONONDAGA___COGEN 23986 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| ONTARIO___LFGE 23819 | 22.83 0.30 -1.01 | 23.45 0.27 -0.68 | 20.84 0.26 -0.86 | 19.82 0.26 -0.82 | 20.21 0.28 -0.97 | 23.33 0.38 -0.32 | 26.61 0.41 -0.40 | 22.84 0.34 -1.13 | 30.05 0.34 -1.38 | 31.34 0.41 -1.48 | 37.39 0.36 -4.01 | 36.19 0.35 -3.71 | 36.38 0.33 -2.72 | 30.36 0.16 -3.21 | 29.94 0.08 -3.26 | 32.32 0.18 -3.04 | 37.13 0.23 -4.85 | 53.78 0.87 -4.74 | 56.18 0.98 -3.71 | 48.58 0.58 -3.65 | 44.01 0.35 -4.95 | 40.14 0.15 -3.66 | 37.65 0.04 -2.28 | 30.15 0.28 -2.02 |
| ORANGEVILLE_WT_PWR 323706 | 22.83 0.00 -1.32 | 23.38 -0.02 -0.91 | 20.91 0.06 -1.13 | 19.87 0.06 -1.07 | 20.29 0.08 -1.26 | 23.12 0.05 -0.44 | 26.02 -0.34 -0.55 | 22.48 -0.34 -1.45 | 29.92 -0.20 -1.78 | 31.10 -0.27 -1.91 | 37.62 -0.53 -5.13 | 36.07 -0.77 -4.71 | 35.95 -0.83 -3.46 | 30.23 -0.84 -4.08 | 29.94 -0.80 -4.14 | 32.48 -0.50 -3.86 | 37.39 -0.83 -6.17 | 53.43 -0.77 -6.02 | 55.44 -0.77 -4.72 | 47.95 -1.06 -4.67 | 43.77 -1.28 -6.33 | 39.64 -1.38 -4.68 | 36.91 -1.34 -2.91 | 29.90 -0.53 -2.58 |
| OSWEGATCHIE___HYD 24044 | 17.59 -1.12 2.80 | 17.90 -1.15 3.45 | 16.32 -1.05 2.36 | 15.82 -0.95 1.96 | 15.90 -0.97 2.08 | 18.16 -1.04 3.43 | 20.93 -1.13 3.74 | 18.99 -0.81 1.56 | 24.17 -1.42 2.74 | 25.50 -1.38 2.56 | 29.13 -1.55 2.33 | 30.59 -1.54 0.00 | 31.76 -1.57 0.00 | 25.83 -1.16 0.00 | 25.46 -1.14 0.00 | 27.51 -1.60 0.00 | 30.55 -1.51 0.00 | 46.06 -2.12 0.00 | 49.18 -2.32 0.00 | 42.27 -2.08 0.00 | 36.93 -1.78 0.00 | 34.84 -1.49 0.00 | 34.14 -1.20 0.00 | 26.87 -0.98 0.00 |
| OSWEGO___5 23606 | 21.68 -0.30 -0.47 | 22.46 -0.34 -0.30 | 19.85 -0.28 -0.40 | 18.86 -0.26 -0.38 | 19.14 -0.27 -0.45 | 22.45 -0.29 -0.12 | 25.59 -0.36 -0.16 | 21.54 -0.36 -0.54 | 28.47 -0.51 -0.65 | 29.62 -0.53 -0.70 | 34.31 -0.66 -1.96 | 33.32 -0.64 -1.83 | 33.97 -0.70 -1.35 | 28.01 -0.57 -1.59 | 27.62 -0.59 -1.61 | 29.94 -0.67 -1.50 | 33.72 -0.74 -2.40 | 49.46 -1.06 -2.34 | 52.20 -1.13 -1.84 | 45.15 -1.02 -1.82 | 40.29 -0.89 -2.47 | 37.29 -0.87 -1.83 | 35.59 -0.88 -1.13 | 28.22 -0.64 -1.01 |
| OSWEGO___6 23613 | 21.68 -0.30 -0.47 | 22.46 -0.34 -0.30 | 19.85 -0.28 -0.40 | 18.86 -0.26 -0.38 | 19.14 -0.27 -0.45 | 22.45 -0.29 -0.12 | 25.59 -0.36 -0.16 | 21.54 -0.36 -0.54 | 28.47 -0.51 -0.65 | 29.62 -0.53 -0.70 | 34.31 -0.66 -1.96 | 33.32 -0.64 -1.83 | 33.97 -0.70 -1.35 | 28.01 -0.57 -1.59 | 27.62 -0.59 -1.61 | 29.94 -0.67 -1.50 | 33.72 -0.74 -2.40 | 49.46 -1.06 -2.34 | 52.20 -1.13 -1.84 | 45.15 -1.02 -1.82 | 40.29 -0.89 -2.47 | 37.29 -0.87 -1.83 | 35.59 -0.88 -1.13 | 28.22 -0.64 -1.01 |
| OUTOKUMPU-AB___DRP 24206 | 22.41 -0.22 -1.11 | 23.01 -0.25 -0.76 | 20.57 -0.10 -0.95 | 19.55 -0.09 -0.90 | 19.94 -0.08 -1.06 | 22.84 -0.16 -0.37 | 25.41 -0.85 -0.46 | 21.81 -0.79 -1.23 | 29.13 -0.71 -1.51 | 30.33 -0.74 -1.62 | 36.32 -1.06 -4.36 | 34.73 -1.41 -4.02 | 34.74 -1.53 -2.95 | 29.03 -1.43 -3.48 | 28.83 -1.30 -3.53 | 31.33 -1.08 -3.29 | 35.87 -1.44 -5.26 | 51.58 -1.73 -5.13 | 53.61 -1.90 -4.02 | 46.29 -2.04 -3.98 | 41.86 -2.25 -5.40 | 38.00 -2.33 -3.99 | 35.63 -2.19 -2.48 | 28.91 -1.14 -2.20 |
| OXBOW___ 24026 | 22.18 -0.43 -1.10 | 22.78 -0.47 -0.75 | 20.37 -0.30 -0.94 | 19.35 -0.28 -0.90 | 19.74 -0.27 -1.05 | 22.61 -0.38 -0.36 | 25.07 -1.19 -0.45 | 21.54 -1.05 -1.22 | 28.75 -1.08 -1.49 | 29.94 -1.12 -1.61 | 35.82 -1.52 -4.32 | 34.31 -1.80 -3.98 | 34.28 -1.97 -2.92 | 28.65 -1.78 -3.45 | 28.45 -1.65 -3.50 | 30.92 -1.45 -3.26 | 35.44 -1.83 -5.21 | 50.86 -2.41 -5.09 | 52.91 -2.57 -3.99 | 45.68 -2.62 -3.94 | 41.35 -2.71 -5.35 | 37.53 -2.76 -3.96 | 35.18 -2.61 -2.46 | 28.53 -1.50 -2.18 |
| OXY_CHEM_DSASP 323612 | 21.81 -0.80 -1.09 | 22.39 -0.85 -0.74 | 20.02 -0.63 -0.93 | 19.05 -0.58 -0.89 | 19.43 -0.57 -1.04 | 22.22 -0.77 -0.36 | 24.57 -1.68 -0.45 | 21.15 -1.43 -1.21 | 28.17 -1.64 -1.48 | 29.30 -1.74 -1.59 | 35.12 -2.18 -4.29 | 33.63 -2.44 -3.95 | 33.59 -2.63 -2.90 | 28.11 -2.29 -3.42 | 27.89 -2.18 -3.47 | 30.31 -2.04 -3.24 | 34.76 -2.47 -5.17 | 49.80 -3.42 -5.04 | 51.74 -3.71 -3.95 | 44.71 -3.55 -3.91 | 40.53 -3.48 -5.31 | 36.80 -3.45 -3.92 | 34.49 -3.29 -2.44 | 27.95 -2.06 -2.17 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 21.81 -0.80 -1.09 | 22.39 -0.85 -0.74 | 20.02 -0.63 -0.93 | 19.05 -0.58 -0.89 | 19.43 -0.57 -1.04 | 22.22 -0.77 -0.36 | 24.57 -1.68 -0.45 | 21.15 -1.43 -1.21 | 28.17 -1.64 -1.48 | 29.30 -1.74 -1.59 | 35.12 -2.18 -4.29 | 33.63 -2.44 -3.95 | 33.59 -2.63 -2.90 | 28.11 -2.29 -3.42 | 27.89 -2.18 -3.47 | 30.31 -2.04 -3.24 | 34.76 -2.47 -5.17 | 49.80 -3.42 -5.04 | 51.74 -3.71 -3.95 | 44.71 -3.55 -3.91 | 40.53 -3.48 -5.31 | 36.80 -3.45 -3.92 | 34.49 -3.29 -2.44 | 27.95 -2.06 -2.17 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 31.41 2.37 -7.53 | 30.34 2.45 -5.39 | 28.33 2.17 -6.44 | 26.84 2.02 -6.08 | 28.09 2.03 -7.11 | 27.90 2.40 -2.87 | 32.08 2.76 -3.51 | 32.03 2.56 -8.10 | 42.34 3.29 -10.72 | 44.26 3.36 -11.46 | 67.28 4.16 -30.11 | 63.57 4.11 -27.33 | 57.60 4.20 -20.08 | 54.15 3.48 -23.68 | 54.09 3.46 -24.04 | 55.31 3.78 -22.42 | 71.91 4.07 -35.78 | 89.48 6.36 -34.94 | 85.67 6.80 -27.38 | 77.38 5.85 -27.17 | 80.65 5.07 -36.87 | 68.29 4.69 -27.27 | 56.73 4.45 -16.94 | 46.30 3.40 -15.05 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 31.45 2.41 -7.53 | 30.39 2.50 -5.39 | 28.37 2.21 -6.44 | 26.88 2.06 -6.08 | 28.13 2.07 -7.11 | 27.95 2.45 -2.87 | 32.13 2.81 -3.51 | 32.07 2.61 -8.10 | 42.40 3.34 -10.72 | 44.32 3.41 -11.46 | 67.38 4.26 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.23 3.56 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 72.00 4.17 -35.78 | 89.62 6.50 -34.94 | 85.82 6.95 -27.38 | 77.56 6.03 -27.17 | 80.77 5.19 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.38 3.48 -15.05 |
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 22.86 0.13 -1.21 | 23.44 0.11 -0.83 | 20.96 0.20 -1.04 | 19.91 0.19 -0.99 | 20.32 0.21 -1.16 | 23.24 0.20 -0.41 | 26.13 -0.18 -0.51 | 22.52 -0.19 -1.34 | 30.04 0.06 -1.65 | 31.28 0.06 -1.77 | 37.54 -0.23 -4.75 | 35.95 -0.55 -4.37 | 35.90 -0.63 -3.21 | 30.04 -0.73 -3.78 | 29.83 -0.61 -3.84 | 32.40 -0.29 -3.58 | 37.13 -0.64 -5.72 | 53.33 -0.43 -5.58 | 55.40 -0.46 -4.37 | 47.88 -0.80 -4.32 | 43.45 -1.12 -5.87 | 39.40 -1.27 -4.34 | 36.77 -1.27 -2.69 | 29.85 -0.39 -2.39 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 31.40 2.17 -7.72 | 30.25 2.23 -5.53 | 28.29 1.97 -6.60 | 26.81 1.84 -6.23 | 28.10 1.86 -7.29 | 27.69 2.11 -2.95 | 31.94 2.53 -3.61 | 31.85 2.18 -8.31 | 42.56 3.29 -10.94 | 44.56 3.41 -11.70 | 67.71 3.99 -30.70 | 63.99 3.98 -27.88 | 57.87 4.06 -20.48 | 54.42 3.29 -24.14 | 54.38 3.27 -24.51 | 55.58 3.61 -22.86 | 72.43 3.88 -36.49 | 89.98 6.17 -35.63 | 86.06 6.65 -27.92 | 77.83 5.76 -27.71 | 81.23 4.92 -37.60 | 68.57 4.43 -27.80 | 56.82 4.20 -17.27 | 46.34 3.15 -15.35 |
| PEEKSKILL____ 23653 | 30.85 1.89 -7.44 | 29.78 1.96 -5.33 | 27.80 1.72 -6.36 | 26.34 1.59 -6.01 | 27.60 1.61 -7.03 | 27.35 1.88 -2.85 | 31.52 2.24 -3.48 | 31.39 2.01 -8.01 | 41.89 2.92 -10.64 | 43.83 3.01 -11.38 | 66.45 3.57 -29.87 | 62.72 3.47 -27.12 | 56.85 3.60 -19.93 | 53.39 2.92 -23.49 | 53.37 2.93 -23.84 | 54.58 3.23 -22.24 | 71.02 3.46 -35.50 | 88.29 5.44 -34.66 | 84.52 5.87 -27.16 | 76.36 5.05 -26.96 | 79.62 4.33 -36.58 | 67.34 3.96 -27.05 | 55.89 3.74 -16.80 | 45.59 2.81 -14.93 |
| PGE MADISON____WINDPWR 24146 | 25.42 1.66 -2.25 | 25.85 1.78 -1.57 | 23.10 1.46 -1.92 | 21.98 1.42 -1.82 | 22.55 1.46 -2.14 | 25.29 1.86 -0.80 | 29.03 2.24 -0.99 | 25.92 2.10 -2.45 | 33.91 2.55 -3.02 | 35.43 2.74 -3.24 | 44.70 3.07 -8.62 | 42.77 2.76 -7.88 | 41.94 2.83 -5.79 | 36.02 2.21 -6.82 | 35.60 2.08 -6.93 | 38.04 2.47 -6.46 | 45.32 2.95 -10.31 | 63.50 5.25 -10.07 | 65.15 5.77 -7.89 | 56.81 4.66 -7.80 | 53.25 3.95 -10.58 | 47.68 3.52 -7.83 | 43.39 3.18 -4.86 | 34.78 2.62 -4.32 |
| PIERCEFIELD____HYD 23852 | 15.59 -1.81 4.11 | 15.61 -1.82 5.07 | 14.60 -1.66 3.47 | 14.32 -1.54 2.88 | 14.32 -1.57 3.06 | 15.80 -1.79 5.04 | 18.35 -1.96 5.49 | 17.60 -1.47 2.29 | 21.98 -2.32 4.03 | 23.24 -2.44 3.76 | 26.89 -2.71 3.42 | 29.49 -2.63 0.00 | 30.66 -2.67 0.00 | 25.02 -1.97 0.00 | 24.71 -1.89 0.00 | 26.58 -2.53 0.00 | 29.46 -2.60 0.00 | 44.28 -3.90 0.00 | 47.17 -4.33 0.00 | 40.63 -3.73 0.00 | 35.58 -3.13 0.00 | 33.72 -2.62 0.00 | 33.33 -2.01 0.00 | 26.26 -1.59 0.00 |
| PINELAWN_CC_1 323563 | 35.58 2.84 -11.22 | 30.85 2.95 -5.41 | 28.81 2.64 -6.45 | 27.29 2.47 -6.08 | 28.57 2.50 -7.11 | 28.46 2.94 -2.88 | 32.76 3.43 -3.53 | 39.46 2.97 -15.12 | 43.48 4.25 -10.90 | 45.47 4.42 -11.61 | 78.19 5.18 -40.00 | 75.81 4.98 -38.71 | 70.96 5.10 -32.54 | 67.91 4.15 -36.77 | 74.08 4.12 -43.36 | 75.95 4.60 -42.25 | 101.66 4.91 -64.70 | 106.15 7.66 -50.31 | 112.58 8.24 -52.84 | 104.95 7.09 -53.50 | 103.09 6.08 -58.30 | 103.02 5.59 -61.09 | 76.03 5.55 -35.13 | 54.43 4.21 -22.37 |
| PJM_GEN_HTP_PROXY 323702 | 31.23 2.20 -7.52 | 30.18 2.30 -5.38 | 28.16 2.01 -6.43 | 26.68 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 35.65 2.37 -11.92 | 41.81 3.34 -10.13 | 46.03 3.41 -13.16 | 62.31 4.13 -25.17 | 63.47 4.02 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 53.97 3.35 -24.02 | 55.22 3.70 -22.42 | 71.80 3.97 -35.77 | 89.32 6.22 -34.93 | 85.55 6.69 -27.37 | 77.32 5.81 -27.16 | 80.52 4.96 -36.85 | 68.13 4.54 -27.25 | 56.58 4.31 -16.93 | 46.12 3.23 -15.04 |
| PJM_GEN_KEystone 24065 | 26.55 0.73 -4.30 | 26.31 0.77 -3.04 | 24.13 0.73 -3.68 | 22.89 0.67 -3.48 | 23.71 0.68 -4.08 | 24.99 0.77 -1.59 | 28.55 0.80 -1.95 | 30.55 0.70 -8.48 | 35.00 1.13 -5.53 | 38.82 1.12 -8.25 | 46.59 1.19 -12.39 | 48.96 1.06 -15.78 | 45.98 1.07 -11.59 | 41.44 0.78 -13.66 | 41.30 0.83 -13.87 | 43.13 1.08 -12.94 | 53.70 0.99 -20.65 | 70.18 1.83 -20.17 | 69.30 2.01 -15.80 | 61.63 1.59 -15.68 | 61.15 1.16 -21.28 | 53.05 0.98 -15.74 | 46.00 0.88 -9.77 | 37.48 0.95 -8.68 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 35.30 2.56 -11.23 | 30.59 2.68 -5.41 | 28.59 2.43 -6.45 | 27.11 2.29 -6.08 | 28.36 2.29 -7.11 | 28.21 2.69 -2.88 | 32.45 3.12 -3.53 | 43.00 2.69 -18.94 | 42.46 3.82 -10.30 | 46.50 3.92 -13.13 | 68.24 4.56 -30.67 | 70.11 4.34 -33.65 | 64.79 4.47 -27.00 | 61.57 3.64 -30.94 | 64.05 3.62 -33.84 | 65.52 4.02 -32.39 | 94.54 4.26 -58.22 | 99.22 6.65 -44.39 | 100.15 7.16 -41.50 | 98.12 6.16 -47.61 | 96.08 5.30 -52.06 | 96.06 4.87 -54.85 | 66.27 4.84 -26.08 | 44.42 3.68 -12.90 |
| PJM_GEN_VFT_PROXY 323633 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.24 2.09 -6.43 | 26.74 1.93 -6.07 | 27.99 1.93 -7.10 | 27.79 2.28 -2.87 | 32.08 2.76 -3.51 | 35.76 2.48 -11.92 | 41.78 3.31 -10.13 | 46.03 3.41 -13.16 | 62.28 4.09 -25.17 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.67 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.77 3.94 -35.77 | 89.23 6.12 -34.93 | 85.40 6.54 -27.37 | 77.24 5.72 -27.16 | 80.49 4.92 -36.86 | 68.13 4.54 -27.26 | 56.58 4.31 -16.93 | 46.12 3.23 -15.04 |
| PLEASANTVLY____LBMP 24000 | 31.20 1.87 -7.81 | 30.03 1.94 -5.59 | 28.12 1.72 -6.68 | 26.64 1.59 -6.31 | 27.94 1.61 -7.38 | 27.52 1.90 -2.99 | 31.69 2.24 -3.65 | 31.79 2.01 -8.41 | 42.27 2.89 -11.05 | 44.21 2.94 -11.81 | 67.49 3.47 -31.01 | 63.66 3.37 -28.16 | 57.47 3.47 -20.69 | 54.18 2.81 -24.39 | 54.17 2.82 -24.75 | 55.32 3.12 -23.09 | 72.25 3.33 -36.85 | 89.37 5.21 -35.99 | 85.25 5.56 -28.20 | 77.17 4.84 -27.98 | 80.83 4.14 -37.97 | 68.19 3.78 -28.08 | 56.43 3.64 -17.44 | 46.08 2.73 -15.50 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 31.13 2.04 -7.57 | 30.04 2.11 -5.42 | 28.05 1.85 -6.48 | 26.60 1.74 -6.12 | 27.85 1.74 -7.16 | 27.59 2.06 -2.90 | 31.79 2.45 -3.54 | 31.70 2.18 -8.15 | 42.26 3.14 -10.78 | 44.19 3.21 -11.53 | 67.11 3.83 -30.26 | 63.33 3.73 -27.48 | 57.34 3.83 -20.19 | 53.89 3.10 -23.80 | 53.87 3.11 -24.16 | 55.08 3.43 -22.54 | 71.74 3.72 -35.97 | 89.18 5.88 -35.12 | 85.30 6.28 -27.52 | 77.12 5.45 -27.31 | 80.42 4.64 -37.06 | 67.99 4.25 -27.41 | 56.39 4.03 -17.02 | 46.01 3.04 -15.13 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 31.47 1.98 -7.98 | 30.26 2.05 -5.71 | 28.36 1.81 -6.82 | 26.87 1.69 -6.44 | 28.20 1.71 -7.54 | 27.70 2.01 -3.05 | 31.88 2.35 -3.73 | 32.03 2.07 -8.59 | 42.64 3.06 -11.25 | 44.63 3.15 -12.02 | 68.24 3.66 -31.56 | 64.35 3.57 -28.66 | 58.08 3.70 -21.06 | 54.75 2.94 -24.82 | 54.72 2.93 -25.20 | 55.87 3.26 -23.50 | 73.10 3.53 -37.51 | 90.25 5.44 -36.63 | 86.01 5.82 -28.70 | 77.85 5.01 -28.49 | 81.66 4.30 -38.65 | 68.84 3.93 -28.58 | 56.81 3.71 -17.75 | 46.41 2.78 -15.78 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| POLETTI____ 23519 | 31.25 2.22 -7.52 | 30.18 2.30 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.50 4.10 -20.08 | 54.00 3.35 -23.67 | 54.00 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| PORT_JEFF_3 23555 | 35.82 3.08 -11.23 | 31.10 3.19 -5.41 | 29.03 2.86 -6.45 | 27.50 2.68 -6.08 | 28.78 2.71 -7.11 | 28.71 3.19 -2.88 | 33.05 3.72 -3.53 | 39.72 3.23 -15.12 | 43.90 4.67 -10.90 | 45.87 4.89 -11.53 | 75.89 5.74 -37.13 | 73.06 5.53 -35.41 | 67.94 5.70 -28.92 | 64.57 4.61 -32.97 | 71.48 4.60 -40.28 | 73.58 5.15 -39.32 | 100.36 5.52 -62.79 | 105.31 8.58 -48.55 | 106.22 9.27 -45.45 | 104.05 7.94 -51.76 | 101.98 6.82 -56.46 | 101.83 6.25 -59.25 | 73.95 6.15 -32.46 | 50.48 4.65 -17.98 |
| PORT_JEFF_4 23616 | 35.82 3.08 -11.23 | 31.10 3.19 -5.41 | 29.03 2.86 -6.45 | 27.50 2.68 -6.08 | 28.78 2.71 -7.11 | 28.71 3.19 -2.88 | 33.05 3.72 -3.53 | 39.72 3.23 -15.12 | 43.90 4.67 -10.90 | 45.87 4.89 -11.53 | 75.89 5.74 -37.13 | 73.06 5.53 -35.41 | 67.94 5.70 -28.92 | 64.57 4.61 -32.97 | 71.48 4.60 -40.28 | 73.58 5.15 -39.32 | 100.36 5.52 -62.79 | 105.31 8.58 -48.55 | 106.22 9.27 -45.45 | 104.05 7.94 -51.76 | 101.98 6.82 -56.46 | 101.83 6.25 -59.25 | 73.95 6.15 -32.46 | 50.48 4.65 -17.98 |
| PORT_JEFF_IC 23713 | 35.86 3.12 -11.23 | 31.15 3.24 -5.41 | 29.07 2.90 -6.45 | 27.52 2.70 -6.08 | 28.80 2.73 -7.11 | 28.73 3.21 -2.88 | 33.07 3.74 -3.53 | 39.74 3.25 -15.12 | 43.96 4.73 -10.90 | 45.93 4.95 -11.53 | 76.03 5.81 -37.21 | 73.25 5.62 -35.50 | 68.15 5.80 -29.02 | 64.76 4.70 -33.08 | 71.65 4.68 -40.36 | 73.74 5.24 -39.39 | 100.47 5.58 -62.83 | 105.50 8.72 -48.60 | 106.58 9.42 -45.66 | 104.23 8.07 -51.80 | 102.11 6.89 -56.50 | 101.95 6.32 -59.30 | 74.09 6.22 -32.52 | 50.66 4.71 -18.11 |
| PPL PILGRIM_ST_GT1 24216 | 35.84 3.10 -11.23 | 31.10 3.19 -5.41 | 29.05 2.88 -6.45 | 27.50 2.68 -6.08 | 28.78 2.71 -7.11 | 28.71 3.19 -2.88 | 33.05 3.72 -3.53 | 39.72 3.23 -15.12 | 43.88 4.65 -10.90 | 45.82 4.83 -11.54 | 76.22 5.68 -37.52 | 73.45 5.46 -35.86 | 68.38 5.63 -29.42 | 65.04 4.56 -33.49 | 71.83 4.55 -40.69 | 73.88 5.06 -39.70 | 100.51 5.42 -63.03 | 105.39 8.43 -48.78 | 107.03 9.07 -46.47 | 104.14 7.81 -51.98 | 102.11 6.70 -56.70 | 101.96 6.14 -59.49 | 74.23 6.08 -32.80 | 51.06 4.62 -18.59 |
| PPL PILGRIM_ST_GT2 24217 | 35.84 3.10 -11.23 | 31.10 3.19 -5.41 | 29.05 2.88 -6.45 | 27.50 2.68 -6.08 | 28.78 2.71 -7.11 | 28.71 3.19 -2.88 | 33.05 3.72 -3.53 | 39.72 3.23 -15.12 | 43.88 4.65 -10.90 | 45.82 4.83 -11.54 | 76.22 5.68 -37.52 | 73.45 5.46 -35.86 | 68.38 5.63 -29.42 | 65.04 4.56 -33.49 | 71.83 4.55 -40.69 | 73.88 5.06 -39.70 | 100.51 5.42 -63.03 | 105.39 8.43 -48.78 | 107.03 9.07 -46.47 | 104.14 7.81 -51.98 | 102.11 6.70 -56.70 | 101.96 6.14 -59.49 | 74.23 6.08 -32.80 | 51.06 4.62 -18.59 |
| PPL_SHRM_GT3 24213 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 5.98 -37.16 | 73.35 5.78 -35.45 | 68.22 5.93 -28.96 | 64.83 4.83 -33.01 | 71.73 4.82 -40.32 | 73.84 5.38 -39.35 | 100.63 5.77 -62.81 | 105.86 9.11 -48.57 | 106.82 9.79 -45.54 | 104.51 8.39 -51.77 | 102.35 7.16 -56.48 | 102.18 6.58 -59.27 | 74.26 6.43 -32.48 | 50.75 4.87 -18.03 |
| PPL_SHRM_GT4 24214 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 5.98 -37.16 | 73.35 5.78 -35.45 | 68.22 5.93 -28.96 | 64.83 4.83 -33.01 | 71.73 4.82 -40.32 | 73.84 5.38 -39.35 | 100.63 5.77 -62.81 | 105.86 9.11 -48.57 | 106.82 9.79 -45.54 | 104.51 8.39 -51.77 | 102.35 7.16 -56.48 | 102.18 6.58 -59.27 | 74.26 6.43 -32.48 | 50.75 4.87 -18.03 |
| PROJECT___ORANGE 1 24174 | 21.96 -0.02 -0.47 | 22.72 -0.04 -0.27 | 20.10 -0.02 -0.40 | 19.11 -0.02 -0.39 | 19.40 -0.02 -0.47 | 22.72 0.02 -0.07 | 25.93 0.03 -0.10 | 21.90 -0.04 -0.57 | 28.87 -0.14 -0.68 | 30.07 -0.12 -0.74 | 34.97 -0.20 -2.15 | 34.02 -0.16 -2.06 | 34.64 -0.20 -1.51 | 28.58 -0.19 -1.78 | 28.17 -0.24 -1.81 | 30.53 -0.26 -1.69 | 34.43 -0.32 -2.69 | 50.52 -0.29 -2.63 | 53.25 -0.31 -2.06 | 46.32 -0.18 -2.14 | 41.43 -0.19 -2.91 | 38.23 -0.25 -2.15 | 36.36 -0.32 -1.34 | 28.87 -0.17 -1.19 |
| PROJECT___ORANGE 2 24166 | 21.96 -0.02 -0.47 | 22.72 -0.04 -0.27 | 20.10 -0.02 -0.40 | 19.11 -0.02 -0.39 | 19.40 -0.02 -0.47 | 22.72 0.02 -0.07 | 25.93 0.03 -0.10 | 21.90 -0.04 -0.57 | 28.87 -0.14 -0.68 | 30.07 -0.12 -0.74 | 34.97 -0.20 -2.15 | 34.02 -0.16 -2.06 | 34.64 -0.20 -1.51 | 28.58 -0.19 -1.78 | 28.17 -0.24 -1.81 | 30.53 -0.26 -1.69 | 34.43 -0.32 -2.69 | 50.52 -0.29 -2.63 | 53.25 -0.31 -2.06 | 46.32 -0.18 -2.14 | 41.43 -0.19 -2.91 | 38.23 -0.25 -2.15 | 36.36 -0.32 -1.34 | 28.87 -0.17 -1.19 |
| PYRITES___HYD 24023 | 15.61 -1.68 4.22 | 15.61 -1.69 5.20 | 14.63 -1.54 3.56 | 14.35 -1.42 2.96 | 14.35 -1.46 3.14 | 15.83 -1.63 5.18 | 18.38 -1.78 5.64 | 17.71 -1.30 2.36 | 22.19 -2.01 4.14 | 23.52 -2.06 3.86 | 27.19 -2.31 3.51 | 29.88 -2.25 0.00 | 31.06 -2.27 0.00 | 25.29 -1.70 0.00 | 25.00 -1.60 0.00 | 26.96 -2.15 0.00 | 29.98 -2.08 0.00 | 45.10 -3.08 0.00 | 48.05 -3.45 0.00 | 41.34 -3.02 0.00 | 36.20 -2.52 0.00 | 34.23 -2.11 0.00 | 33.72 -1.63 0.00 | 26.51 -1.34 0.00 |
| RAMAPO___LBMP 323565 | 30.56 1.81 -7.24 | 29.55 1.87 -5.19 | 27.55 1.64 -6.19 | 26.12 1.54 -5.85 | 27.33 1.53 -6.84 | 27.19 1.79 -2.77 | 31.35 2.17 -3.38 | 31.09 1.92 -7.79 | 41.59 2.83 -10.42 | 43.48 2.89 -11.14 | 65.70 3.43 -29.25 | 62.03 3.34 -26.56 | 56.27 3.43 -19.51 | 52.77 2.78 -23.00 | 52.74 2.79 -23.35 | 53.97 3.08 -21.78 | 70.12 3.30 -34.76 | 87.33 5.21 -33.94 | 83.70 5.61 -26.59 | 75.58 4.84 -26.40 | 78.67 4.14 -35.82 | 66.60 3.78 -26.49 | 55.36 3.57 -16.45 | 45.17 2.70 -14.62 |
| RANKINE____ 23646 | 22.63 -0.06 -1.18 | 23.22 -0.09 -0.81 | 20.75 0.02 -1.01 | 19.72 0.02 -0.96 | 20.12 0.04 -1.13 | 23.03 0.00 -0.39 | 25.78 -0.52 -0.49 | 22.21 -0.47 -1.31 | 29.65 -0.28 -1.60 | 30.85 -0.32 -1.72 | 37.02 -0.63 -4.63 | 35.42 -0.96 -4.26 | 35.38 -1.07 -3.13 | 29.62 -1.05 -3.69 | 29.39 -0.96 -3.74 | 31.96 -0.64 -3.49 | 36.64 -0.99 -5.57 | 52.56 -1.06 -5.44 | 54.63 -1.13 -4.27 | 47.19 -1.38 -4.22 | 42.81 -1.62 -5.72 | 38.82 -1.74 -4.23 | 36.31 -1.66 -2.63 | 29.43 -0.75 -2.34 |
| RAVENSWOOD_GT2_1 24244 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT2_2 24245 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |

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|---|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT2_3 24246 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.75 2.24 -2.87 | 32.00 2.68 -3.51 | 31.88 2.41 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.57 4.16 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.42 6.31 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.21 4.61 -27.26 | 56.65 4.38 -16.93 | 46.18 3.28 -15.04 |
| RAVENSWOOD_GT2_4 24247 | 31.27 2.24 -7.52 | 30.20 2.32 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.75 2.24 -2.87 | 32.00 2.68 -3.51 | 31.88 2.41 -8.10 | 42.40 3.34 -10.72 | 44.36 3.44 -11.47 | 67.27 4.16 -30.10 | 63.51 4.05 -27.33 | 57.57 4.16 -20.08 | 54.03 3.37 -23.67 | 54.03 3.41 -24.03 | 55.29 3.76 -22.42 | 71.87 4.04 -35.77 | 89.42 6.31 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.86 | 68.21 4.61 -27.26 | 56.65 4.38 -16.93 | 46.18 3.28 -15.04 |
| RAVENSWOOD_GT3_1 24248 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.27 4.16 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT3_2 24249 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.27 4.16 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT3_3 24250 | 31.27 2.24 -7.52 | 30.22 2.34 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.00 2.68 -3.51 | 31.90 2.44 -8.10 | 42.43 3.37 -10.72 | 44.39 3.47 -11.47 | 67.31 4.19 -30.10 | 63.54 4.08 -27.33 | 57.57 4.16 -20.08 | 54.06 3.40 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.90 4.07 -35.77 | 89.42 6.31 -34.93 | 85.66 6.80 -27.37 | 77.42 5.90 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.69 4.42 -16.93 | 46.18 3.28 -15.04 |
| RAVENSWOOD_GT3_4 24251 | 31.27 2.24 -7.52 | 30.22 2.34 -5.38 | 28.20 2.05 -6.43 | 26.72 1.91 -6.07 | 27.97 1.91 -7.10 | 27.77 2.26 -2.87 | 32.00 2.68 -3.51 | 31.90 2.44 -8.10 | 42.43 3.37 -10.72 | 44.39 3.47 -11.47 | 67.31 4.19 -30.10 | 63.54 4.08 -27.33 | 57.57 4.16 -20.08 | 54.06 3.40 -23.67 | 54.06 3.43 -24.03 | 55.31 3.78 -22.42 | 71.90 4.07 -35.77 | 89.42 6.31 -34.93 | 85.66 6.80 -27.37 | 77.42 5.90 -27.16 | 80.64 5.07 -36.86 | 68.24 4.65 -27.26 | 56.69 4.42 -16.93 | 46.18 3.28 -15.04 |
| RAVENSWOOD_GT_1 23729 | 31.39 2.35 -7.53 | 30.34 2.45 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.45 3.53 -11.47 | 67.45 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.17 3.54 -24.03 | 55.43 3.90 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.87 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.26 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| RAVENSWOOD_GT_10 24258 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.00 3.35 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT_11 24259 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.00 3.35 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT_4 24252 | 31.22 2.20 -7.51 | 30.17 2.30 -5.38 | 28.16 2.01 -6.42 | 26.68 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.84 2.37 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.09 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.68 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.81 3.97 -35.78 | 89.33 6.22 -34.94 | 85.52 6.65 -27.37 | 77.29 5.76 -27.17 | 80.53 4.96 -36.87 | 68.14 4.54 -27.26 | 56.59 4.31 -16.93 | 46.11 3.23 -15.04 |
| RAVENSWOOD_GT_5 24254 | 31.22 2.20 -7.51 | 30.17 2.30 -5.38 | 28.16 2.01 -6.42 | 26.68 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.84 2.37 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.09 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.68 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.81 3.97 -35.78 | 89.33 6.22 -34.94 | 85.52 6.65 -27.37 | 77.29 5.76 -27.17 | 80.53 4.96 -36.87 | 68.14 4.54 -27.26 | 56.59 4.31 -16.93 | 46.11 3.23 -15.04 |
| RAVENSWOOD_GT_6 24253 | 31.22 2.20 -7.51 | 30.17 2.30 -5.38 | 28.16 2.01 -6.42 | 26.68 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.84 2.37 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.09 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.68 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.81 3.97 -35.78 | 89.33 6.22 -34.94 | 85.52 6.65 -27.37 | 77.29 5.76 -27.17 | 80.53 4.96 -36.87 | 68.14 4.54 -27.26 | 56.59 4.31 -16.93 | 46.11 3.23 -15.04 |
| RAVENSWOOD_GT_7 24255 | 31.22 2.20 -7.51 | 30.17 2.30 -5.38 | 28.16 2.01 -6.42 | 26.68 1.87 -6.07 | 27.93 1.88 -7.10 | 27.73 2.22 -2.87 | 31.97 2.66 -3.51 | 31.84 2.37 -8.10 | 42.37 3.31 -10.72 | 44.33 3.41 -11.47 | 67.20 4.09 -30.09 | 63.44 3.98 -27.33 | 57.50 4.10 -20.08 | 53.98 3.32 -23.68 | 53.98 3.35 -24.03 | 55.23 3.70 -22.42 | 71.81 3.97 -35.78 | 89.33 6.22 -34.94 | 85.52 6.65 -27.37 | 77.29 5.76 -27.17 | 80.53 4.96 -36.87 | 68.14 4.54 -27.26 | 56.59 4.31 -16.93 | 46.11 3.23 -15.04 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.00 3.35 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD_GT_9 24257 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.24 4.13 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.00 3.35 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.33 5.81 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___1 23533 | 31.39 2.35 -7.53 | 30.32 2.43 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.99 2.52 -8.10 | 42.48 3.43 -10.72 | 44.42 3.50 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.15 3.51 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| RAVENSWOOD___2 23534 | 31.39 2.35 -7.53 | 30.32 2.43 -5.39 | 28.31 2.15 -6.44 | 26.83 2.01 -6.08 | 28.07 2.01 -7.11 | 27.86 2.35 -2.87 | 32.08 2.76 -3.51 | 31.97 2.50 -8.10 | 42.48 3.43 -10.72 | 44.42 3.50 -11.47 | 67.44 4.32 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.17 3.51 -23.68 | 54.15 3.51 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.67 6.55 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.80 5.22 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.32 3.42 -15.05 |
| RAVENSWOOD___3 23535 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 31.97 2.66 -3.51 | 31.86 2.39 -8.10 | 42.40 3.34 -10.72 | 44.33 3.41 -11.47 | 67.27 4.16 -30.10 | 63.47 4.02 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.01 3.38 -24.03 | 55.26 3.73 -22.42 | 71.84 4.01 -35.77 | 89.37 6.26 -34.93 | 85.56 6.69 -27.37 | 77.37 5.85 -27.16 | 80.57 5.00 -36.86 | 68.17 4.58 -27.26 | 56.62 4.35 -16.93 | 46.15 3.26 -15.04 |
| RAVENSWOOD___4 23820 | 31.39 2.35 -7.53 | 30.32 2.43 -5.39 | 28.31 2.15 -6.43 | 26.80 1.99 -6.08 | 28.05 1.99 -7.11 | 27.84 2.33 -2.87 | 32.08 2.76 -3.51 | 31.97 2.50 -8.10 | 42.46 3.40 -10.72 | 44.42 3.50 -11.47 | 67.41 4.29 -30.11 | 63.63 4.17 -27.33 | 57.67 4.27 -20.08 | 54.17 3.51 -23.68 | 54.15 3.51 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.77 5.19 -36.87 | 68.36 4.76 -27.27 | 56.81 4.53 -16.94 | 46.29 3.40 -15.05 |
| RCPL_TRUST___DRP 24196 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 32.00 2.68 -3.51 | 31.86 2.39 -8.10 | 42.43 3.37 -10.72 | 44.36 3.44 -11.46 | 67.27 4.16 -30.10 | 63.50 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.00 3.38 -24.02 | 55.28 3.76 -22.42 | 71.86 4.04 -35.77 | 89.37 6.26 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.85 | 68.20 4.61 -27.25 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| RENSSELAER___COGEN 23796 | 32.25 1.18 -9.55 | 30.55 1.21 -6.84 | 28.97 1.08 -8.17 | 27.49 1.03 -7.72 | 29.02 1.04 -9.03 | 27.55 1.27 -3.65 | 31.50 1.24 -4.46 | 32.66 1.00 -10.28 | 43.05 1.53 -13.19 | 45.11 1.56 -14.10 | 71.84 1.81 -37.02 | 67.47 1.73 -33.61 | 59.81 1.80 -24.69 | 57.55 1.46 -29.11 | 57.56 1.41 -29.55 | 58.27 1.60 -27.56 | 77.78 1.73 -43.99 | 93.78 2.65 -42.96 | 87.98 2.83 -33.66 | 80.15 2.39 -33.41 | 86.13 2.09 -45.33 | 71.78 1.92 -33.52 | 58.00 1.84 -20.82 | 47.71 1.36 -18.50 |
| REVERE_CPPR_DRP 24186 | 21.81 0.52 0.22 | 22.68 0.54 0.36 | 20.00 0.45 0.18 | 19.07 0.47 0.13 | 19.32 0.49 0.13 | 22.89 0.68 0.42 | 26.13 0.77 0.45 | 22.07 0.73 0.03 | 29.15 0.96 0.14 | 30.29 0.94 0.10 | 34.43 1.06 -0.36 | 33.69 0.93 -0.63 | 34.75 0.97 -0.46 | 28.28 0.75 -0.54 | 27.84 0.69 -0.55 | 30.50 0.87 -0.51 | 33.84 0.96 -0.82 | 50.76 1.78 -0.80 | 54.08 1.96 -0.63 | 46.50 1.51 -0.63 | 40.89 1.32 -0.86 | 38.10 1.13 -0.64 | 36.73 0.99 -0.40 | 29.01 0.81 -0.35 |
| RIVERBAY___ 323610 | 31.45 2.41 -7.53 | 30.39 2.50 -5.39 | 28.37 2.21 -6.44 | 26.88 2.06 -6.08 | 28.13 2.07 -7.11 | 27.95 2.45 -2.87 | 32.13 2.81 -3.51 | 32.07 2.61 -8.10 | 42.40 3.34 -10.72 | 44.32 3.41 -11.46 | 67.38 4.26 -30.11 | 63.67 4.21 -27.33 | 57.70 4.30 -20.08 | 54.23 3.56 -23.68 | 54.17 3.54 -24.04 | 55.37 3.84 -22.42 | 72.00 4.17 -35.78 | 89.62 6.50 -34.94 | 85.82 6.95 -27.38 | 77.56 6.03 -27.17 | 80.77 5.19 -36.87 | 68.39 4.80 -27.27 | 56.84 4.56 -16.94 | 46.38 3.48 -15.05 |
| ROCHESTER_9_IC 23652 | 22.17 -0.19 -0.85 | 22.82 -0.25 -0.57 | 20.27 -0.18 -0.73 | 19.28 -0.15 -0.69 | 19.64 -0.13 -0.82 | 22.76 -0.13 -0.26 | 25.77 -0.36 -0.33 | 21.96 -0.36 -0.95 | 29.32 -0.17 -1.16 | 30.37 -0.32 -1.25 | 35.94 -0.46 -3.39 | 34.65 -0.61 -3.13 | 34.92 -0.70 -2.30 | 29.03 -0.67 -2.71 | 28.71 -0.64 -2.75 | 31.30 -0.38 -2.57 | 35.48 -0.67 -4.10 | 51.55 -0.63 -4.00 | 54.02 -0.62 -3.14 | 46.65 -0.80 -3.10 | 41.99 -0.93 -4.20 | 38.39 -1.05 -3.11 | 36.18 -1.10 -1.93 | 28.98 -0.59 -1.72 |
| ROSETON___1 23587 | 30.86 1.81 -7.53 | 29.78 1.89 -5.39 | 27.82 1.66 -6.44 | 26.38 1.55 -6.09 | 27.62 1.55 -7.12 | 27.34 1.83 -2.88 | 31.49 2.17 -3.52 | 31.40 1.92 -8.11 | 41.87 2.81 -10.73 | 43.77 2.86 -11.47 | 66.52 3.40 -30.11 | 62.78 3.31 -27.34 | 56.81 3.40 -20.09 | 53.42 2.75 -23.68 | 53.37 2.74 -24.04 | 54.56 3.03 -22.42 | 71.11 3.27 -35.78 | 88.18 5.06 -34.94 | 84.33 5.46 -27.38 | 76.23 4.70 -27.17 | 79.61 4.03 -36.87 | 67.31 3.71 -27.27 | 55.81 3.53 -16.94 | 45.54 2.65 -15.05 |
| ROSETON___2 23588 | 30.86 1.81 -7.53 | 29.78 1.89 -5.39 | 27.82 1.66 -6.44 | 26.38 1.55 -6.09 | 27.62 1.55 -7.12 | 27.34 1.83 -2.88 | 31.49 2.17 -3.52 | 31.40 1.92 -8.11 | 41.87 2.81 -10.73 | 43.77 2.86 -11.47 | 66.52 3.40 -30.11 | 62.78 3.31 -27.34 | 56.81 3.40 -20.09 | 53.42 2.75 -23.68 | 53.37 2.74 -24.04 | 54.56 3.03 -22.42 | 71.11 3.27 -35.78 | 88.18 5.06 -34.94 | 84.33 5.46 -27.38 | 76.23 4.70 -27.17 | 79.61 4.03 -36.87 | 67.31 3.71 -27.27 | 55.81 3.53 -16.94 | 45.54 2.65 -15.05 |
| RUSSELL___1 23602 | 22.28 -0.09 -0.85 | 22.94 -0.13 -0.57 | 20.37 -0.08 -0.73 | 19.36 -0.07 -0.69 | 19.71 -0.06 -0.82 | 22.87 -0.02 -0.26 | 25.90 -0.23 -0.33 | 22.08 -0.23 -0.95 | 29.55 0.06 -1.16 | 30.58 -0.12 -1.25 | 36.18 -0.23 -3.39 | 34.88 -0.38 -3.13 | 35.16 -0.47 -2.30 | 29.22 -0.48 -2.71 | 28.90 -0.45 -2.75 | 31.53 -0.14 -2.57 | 35.71 -0.45 -4.10 | 51.99 -0.19 -4.01 | 54.43 -0.21 -3.14 | 47.01 -0.44 -3.10 | 42.30 -0.62 -4.21 | 38.68 -0.76 -3.11 | 36.43 -0.85 -1.93 | 29.15 -0.42 -1.72 |
| RUSSELL___2 23532 | 22.28 -0.09 -0.85 | 22.94 -0.13 -0.57 | 20.37 -0.08 -0.73 | 19.36 -0.07 -0.69 | 19.71 -0.06 -0.82 | 22.87 -0.02 -0.26 | 25.90 -0.23 -0.33 | 22.08 -0.23 -0.95 | 29.55 0.06 -1.16 | 30.58 -0.12 -1.25 | 36.18 -0.23 -3.39 | 34.88 -0.38 -3.13 | 35.16 -0.47 -2.30 | 29.22 -0.48 -2.71 | 28.90 -0.45 -2.75 | 31.53 -0.14 -2.57 | 35.71 -0.45 -4.10 | 51.99 -0.19 -4.01 | 54.43 -0.21 -3.14 | 47.01 -0.44 -3.10 | 42.30 -0.62 -4.21 | 38.68 -0.76 -3.11 | 36.43 -0.85 -1.93 | 29.15 -0.42 -1.72 |
| RUSSELL___3 23549 | 22.28 -0.09 -0.85 | 22.94 -0.13 -0.57 | 20.37 -0.08 -0.73 | 19.36 -0.07 -0.69 | 19.71 -0.06 -0.82 | 22.87 -0.02 -0.26 | 25.90 -0.23 -0.33 | 22.08 -0.23 -0.95 | 29.55 0.06 -1.16 | 30.58 -0.12 -1.25 | 36.18 -0.23 -3.39 | 34.88 -0.38 -3.13 | 35.16 -0.47 -2.30 | 29.22 -0.48 -2.71 | 28.90 -0.45 -2.75 | 31.53 -0.14 -2.57 | 35.71 -0.45 -4.10 | 51.99 -0.19 -4.01 | 54.43 -0.21 -3.14 | 47.01 -0.44 -3.10 | 42.30 -0.62 -4.21 | 38.68 -0.76 -3.11 | 36.43 -0.85 -1.93 | 29.15 -0.42 -1.72 |
| RUSSELL___4 23556 | 22.28 -0.09 -0.85 | 22.94 -0.13 -0.57 | 20.37 -0.08 -0.73 | 19.36 -0.07 -0.69 | 19.71 -0.06 -0.82 | 22.87 -0.02 -0.26 | 25.90 -0.23 -0.33 | 22.08 -0.23 -0.95 | 29.55 0.06 -1.16 | 30.58 -0.12 -1.25 | 36.18 -0.23 -3.39 | 34.88 -0.38 -3.13 | 35.16 -0.47 -2.30 | 29.22 -0.48 -2.71 | 28.90 -0.45 -2.75 | 31.53 -0.14 -2.57 | 35.71 -0.45 -4.10 | 51.99 -0.19 -4.01 | 54.43 -0.21 -3.14 | 47.01 -0.44 -3.10 | 42.30 -0.62 -4.21 | 38.68 -0.76 -3.11 | 36.43 -0.85 -1.93 | 29.15 -0.42 -1.72 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| RUSSELL___STATION 23914 | 22.28 -0.09 -0.85 | 22.94 -0.13 -0.57 | 20.37 -0.08 -0.73 | 19.36 -0.07 -0.69 | 19.71 -0.06 -0.82 | 22.87 -0.02 -0.26 | 25.90 -0.23 -0.33 | 22.08 -0.23 -0.95 | 29.55 0.06 -1.16 | 30.58 -0.12 -1.25 | 36.18 -0.23 -3.39 | 34.88 -0.38 -3.13 | 35.16 -0.47 -2.30 | 29.22 -0.48 -2.71 | 28.90 -0.45 -2.75 | 31.53 -0.14 -2.57 | 35.71 -0.45 -4.10 | 51.99 -0.19 -4.01 | 54.43 -0.21 -3.14 | 47.01 -0.44 -3.10 | 42.30 -0.62 -4.21 | 38.68 -0.76 -3.11 | 36.43 -0.85 -1.93 | 29.15 -0.42 -1.72 |
| S SALMON___HYD 24043 | 21.30 -0.26 -0.05 | 22.01 -0.29 0.20 | 19.51 -0.26 -0.04 | 18.60 -0.22 -0.08 | 18.88 -0.21 -0.13 | 22.07 -0.20 0.36 | 25.22 -0.21 0.37 | 21.44 -0.21 -0.28 | 28.16 -0.40 -0.22 | 29.36 -0.38 -0.30 | 34.04 -0.46 -1.49 | 33.40 -0.42 -1.69 | 34.10 -0.47 -1.24 | 28.05 -0.40 -1.46 | 27.66 -0.43 -1.49 | 30.00 -0.50 -1.39 | 33.76 -0.51 -2.21 | 49.67 -0.67 -2.16 | 52.47 -0.72 -1.69 | 45.37 -0.66 -1.68 | 40.37 -0.62 -2.28 | 37.44 -0.58 -1.69 | 35.79 -0.60 -1.05 | 28.33 -0.45 -0.93 |
| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 22.26 -0.39 -1.13 | 22.84 -0.43 -0.77 | 20.41 -0.28 -0.97 | 19.42 -0.24 -0.92 | 19.81 -0.23 -1.08 | 22.67 -0.34 -0.37 | 25.29 -0.98 -0.47 | 21.77 -0.86 -1.25 | 29.02 -0.85 -1.53 | 30.19 -0.91 -1.65 | 36.20 -1.25 -4.44 | 34.67 -1.54 -4.08 | 34.63 -1.70 -3.00 | 28.96 -1.57 -3.54 | 28.73 -1.46 -3.59 | 31.24 -1.22 -3.35 | 35.80 -1.60 -5.35 | 51.38 -2.02 -5.22 | 53.43 -2.16 -4.09 | 46.14 -2.26 -4.05 | 41.84 -2.36 -5.49 | 37.96 -2.43 -4.06 | 35.57 -2.30 -2.52 | 28.81 -1.28 -2.24 |
| SELKIRK___I 23801 | 32.14 1.16 -9.47 | 30.49 1.21 -6.78 | 28.88 1.06 -8.09 | 27.40 1.01 -7.65 | 28.92 1.02 -8.94 | 27.47 1.22 -3.62 | 31.49 1.26 -4.42 | 32.62 1.07 -10.19 | 42.99 1.59 -13.07 | 45.04 1.62 -13.98 | 71.58 1.88 -36.69 | 67.24 1.80 -33.31 | 59.66 1.86 -24.47 | 57.35 1.51 -28.85 | 57.37 1.49 -29.29 | 58.09 1.66 -27.32 | 77.45 1.79 -43.60 | 93.45 2.70 -42.58 | 87.74 2.88 -33.36 | 79.95 2.48 -33.11 | 85.77 2.13 -44.93 | 71.55 2.00 -33.22 | 57.89 1.91 -20.64 | 47.63 1.45 -18.34 |
| SELKIRK___II 23799 | 32.13 1.14 -9.47 | 30.50 1.21 -6.78 | 28.89 1.06 -8.10 | 27.40 1.01 -7.65 | 28.93 1.02 -8.95 | 27.47 1.22 -3.62 | 31.49 1.26 -4.43 | 32.63 1.07 -10.20 | 43.00 1.59 -13.08 | 45.05 1.62 -13.99 | 71.61 1.88 -36.72 | 67.26 1.80 -33.34 | 59.68 1.86 -24.49 | 57.34 1.48 -28.87 | 57.37 1.46 -29.31 | 58.11 1.66 -27.34 | 77.49 1.79 -43.63 | 93.49 2.70 -42.61 | 87.76 2.88 -33.38 | 79.97 2.48 -33.14 | 85.80 2.13 -44.96 | 71.54 1.96 -33.25 | 57.90 1.91 -20.65 | 47.65 1.45 -18.35 |
| SENECA OSWGO___HYD 24041 | 21.75 -0.19 -0.43 | 22.53 -0.20 -0.23 | 19.91 -0.18 -0.37 | 18.93 -0.17 -0.36 | 19.22 -0.17 -0.44 | 22.51 -0.16 -0.04 | 25.69 -0.18 -0.07 | 21.70 -0.21 -0.54 | 28.57 -0.40 -0.63 | 29.76 -0.38 -0.69 | 34.58 -0.49 -2.06 | 33.69 -0.42 -1.98 | 34.35 -0.43 -1.46 | 28.30 -0.40 -1.72 | 27.89 -0.45 -1.74 | 30.21 -0.52 -1.63 | 34.08 -0.58 -2.60 | 49.99 -0.72 -2.54 | 52.71 -0.77 -1.99 | 45.61 -0.71 -1.97 | 40.77 -0.62 -2.68 | 37.66 -0.65 -1.98 | 35.90 -0.67 -1.23 | 28.44 -0.50 -1.09 |
| SENECA___ENERGY 23797 | 22.35 -0.04 -0.88 | 23.01 -0.07 -0.58 | 20.42 -0.06 -0.75 | 19.42 -0.04 -0.72 | 19.78 -0.02 -0.85 | 22.89 0.00 -0.26 | 26.13 0.00 -0.33 | 22.32 -0.04 -0.99 | 29.40 -0.14 -1.21 | 30.63 -0.12 -1.30 | 36.38 -0.20 -3.56 | 35.24 -0.19 -3.30 | 35.52 -0.23 -2.43 | 29.58 -0.27 -2.86 | 29.18 -0.32 -2.90 | 31.53 -0.29 -2.71 | 36.06 -0.32 -4.32 | 52.30 -0.10 -4.22 | 54.70 -0.10 -3.31 | 47.27 -0.31 -3.23 | 42.74 -0.35 -4.38 | 39.10 -0.47 -3.24 | 36.83 -0.53 -2.01 | 29.38 -0.25 -1.79 |
| SHOEMAKER___GT 23640 | 30.00 1.59 -6.89 | 29.10 1.66 -4.93 | 27.07 1.46 -5.89 | 25.67 1.37 -5.56 | 26.83 1.37 -6.51 | 26.87 1.61 -2.63 | 30.93 1.91 -3.22 | 30.47 1.69 -7.41 | 41.90 3.23 -10.34 | 43.71 3.21 -11.05 | 65.76 3.73 -29.01 | 62.13 3.66 -26.35 | 56.44 3.76 -19.35 | 52.77 2.97 -22.81 | 52.74 2.98 -23.16 | 54.15 3.43 -21.60 | 70.10 3.56 -34.48 | 87.34 5.49 -33.67 | 83.80 5.92 -26.38 | 75.63 5.10 -26.18 | 78.61 4.37 -35.53 | 66.53 3.93 -26.27 | 55.37 3.71 -16.32 | 45.13 2.78 -14.50 |
| SHOREHAM_IC_1 23715 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 5.98 -37.16 | 73.35 5.78 -35.45 | 68.22 5.93 -28.96 | 64.83 4.83 -33.01 | 71.73 4.82 -40.32 | 73.84 5.38 -39.35 | 100.63 5.77 -62.81 | 105.86 9.11 -48.57 | 106.82 9.79 -45.54 | 104.51 8.39 -51.77 | 102.35 7.16 -56.48 | 102.18 6.58 -59.27 | 74.26 6.43 -32.48 | 50.75 4.87 -18.03 |
| SHOREHAM_IC_2 23716 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 5.98 -37.16 | 73.35 5.78 -35.45 | 68.22 5.93 -28.96 | 64.83 4.83 -33.01 | 71.73 4.82 -40.32 | 73.84 5.38 -39.35 | 100.63 5.77 -62.81 | 105.86 9.11 -48.57 | 106.82 9.79 -45.54 | 104.51 8.39 -51.77 | 102.35 7.16 -56.48 | 102.18 6.58 -59.27 | 74.26 6.43 -32.48 | 50.75 4.87 -18.03 |
| SISSONVILLE____ 23735 | 15.59 -1.81 4.11 | 15.61 -1.82 5.07 | 14.60 -1.66 3.47 | 14.32 -1.54 2.88 | 14.32 -1.57 3.06 | 15.80 -1.79 5.04 | 18.35 -1.96 5.49 | 17.60 -1.47 2.29 | 21.98 -2.32 4.03 | 23.24 -2.44 3.76 | 26.89 -2.71 3.42 | 29.49 -2.63 0.00 | 30.66 -2.67 0.00 | 25.02 -1.97 0.00 | 24.71 -1.89 0.00 | 26.58 -2.53 0.00 | 29.46 -2.60 0.00 | 44.28 -3.90 0.00 | 47.17 -4.33 0.00 | 40.63 -3.73 0.00 | 35.58 -3.13 0.00 | 33.72 -2.62 0.00 | 33.33 -2.01 0.00 | 26.26 -1.59 0.00 |
| SITHE_IND_GS1 24169 | 21.50 -0.43 -0.41 | 22.29 -0.47 -0.26 | 19.68 -0.39 -0.35 | 18.70 -0.37 -0.34 | 18.97 -0.38 -0.40 | 22.31 -0.43 -0.11 | 25.42 -0.52 -0.14 | 21.33 -0.51 -0.47 | 28.17 -0.74 -0.57 | 29.30 -0.77 -0.62 | 33.81 -0.92 -1.72 | 32.84 -0.90 -1.61 | 33.54 -0.97 -1.18 | 27.57 -0.81 -1.39 | 27.22 -0.80 -1.41 | 29.53 -0.90 -1.32 | 33.14 -1.03 -2.11 | 48.65 -1.59 -2.06 | 51.46 -1.65 -1.61 | 44.49 -1.46 -1.60 | 39.64 -1.24 -2.17 | 36.74 -1.20 -1.61 | 35.14 -1.20 -1.00 | 27.84 -0.89 -0.89 |
| SITHE_IND_GS2 24170 | 21.50 -0.43 -0.41 | 22.29 -0.47 -0.26 | 19.68 -0.39 -0.35 | 18.70 -0.37 -0.34 | 18.97 -0.38 -0.40 | 22.31 -0.43 -0.11 | 25.42 -0.52 -0.14 | 21.33 -0.51 -0.47 | 28.17 -0.74 -0.57 | 29.30 -0.77 -0.62 | 33.81 -0.92 -1.72 | 32.84 -0.90 -1.61 | 33.54 -0.97 -1.18 | 27.57 -0.81 -1.39 | 27.22 -0.80 -1.41 | 29.53 -0.90 -1.32 | 33.14 -1.03 -2.11 | 48.65 -1.59 -2.06 | 51.46 -1.65 -1.61 | 44.49 -1.46 -1.60 | 39.64 -1.24 -2.17 | 36.74 -1.20 -1.61 | 35.14 -1.20 -1.00 | 27.84 -0.89 -0.89 |
| SITHE_IND_GS3 24171 | 21.50 -0.43 -0.41 | 22.29 -0.47 -0.26 | 19.68 -0.39 -0.35 | 18.70 -0.37 -0.34 | 18.97 -0.38 -0.40 | 22.31 -0.43 -0.11 | 25.42 -0.52 -0.14 | 21.33 -0.51 -0.47 | 28.17 -0.74 -0.57 | 29.30 -0.77 -0.62 | 33.81 -0.92 -1.72 | 32.84 -0.90 -1.61 | 33.54 -0.97 -1.18 | 27.57 -0.81 -1.39 | 27.22 -0.80 -1.41 | 29.53 -0.90 -1.32 | 33.14 -1.03 -2.11 | 48.65 -1.59 -2.06 | 51.46 -1.65 -1.61 | 44.49 -1.46 -1.60 | 39.64 -1.24 -2.17 | 36.74 -1.20 -1.61 | 35.14 -1.20 -1.00 | 27.84 -0.89 -0.89 |
| SITHE_IND_GS4 24172 | 21.50 -0.43 -0.41 | 22.29 -0.47 -0.26 | 19.68 -0.39 -0.35 | 18.70 -0.37 -0.34 | 18.97 -0.38 -0.40 | 22.31 -0.43 -0.11 | 25.42 -0.52 -0.14 | 21.33 -0.51 -0.47 | 28.17 -0.74 -0.57 | 29.30 -0.77 -0.62 | 33.81 -0.92 -1.72 | 32.84 -0.90 -1.61 | 33.54 -0.97 -1.18 | 27.57 -0.81 -1.39 | 27.22 -0.80 -1.41 | 29.53 -0.90 -1.32 | 33.14 -1.03 -2.11 | 48.65 -1.59 -2.06 | 51.46 -1.65 -1.61 | 44.49 -1.46 -1.60 | 39.64 -1.24 -2.17 | 36.74 -1.20 -1.61 | 35.14 -1.20 -1.00 | 27.84 -0.89 -0.89 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|---------------------------|---------------------------|---------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| SITHE___BATAVIA 24024 | 22.42 -0.09 -1.00 | 23.06 -0.11 -0.68 | 20.56 -0.02 -0.85 | 19.55 0.00 -0.81 | 19.93 0.02 -0.96 | 22.95 0.00 -0.32 | 25.66 -0.54 -0.40 | 21.88 -0.60 -1.11 | 29.32 -0.37 -1.35 | 30.47 -0.44 -1.46 | 36.26 -0.69 -3.94 | 34.76 -1.00 -3.63 | 34.86 -1.13 -2.67 | 29.08 -1.05 -3.14 | 28.81 -0.98 -3.19 | 31.39 -0.70 -2.98 | 35.75 -1.06 -4.75 | 51.76 -1.06 -4.64 | 54.00 -1.13 -3.63 | 46.57 -1.38 -3.59 | 42.00 -1.59 -4.87 | 38.23 -1.71 -3.60 | 35.89 -1.70 -2.24 | 29.09 -0.75 -1.99 |
| SITHE___INDEPEND 23800 | 21.50 -0.43 -0.41 | 22.29 -0.47 -0.26 | 19.68 -0.39 -0.35 | 18.70 -0.37 -0.34 | 18.97 -0.38 -0.40 | 22.31 -0.43 -0.11 | 25.42 -0.52 -0.14 | 21.33 -0.51 -0.47 | 28.17 -0.74 -0.57 | 29.30 -0.77 -0.62 | 33.81 -0.92 -1.72 | 32.84 -0.90 -1.61 | 33.54 -0.97 -1.18 | 27.57 -0.81 -1.39 | 27.22 -0.80 -1.41 | 29.53 -0.90 -1.32 | 33.14 -1.03 -2.11 | 48.65 -1.59 -2.06 | 51.46 -1.65 -1.61 | 44.49 -1.46 -1.60 | 39.64 -1.24 -2.17 | 36.74 -1.20 -1.61 | 35.14 -1.20 -1.00 | 27.84 -0.89 -0.89 |
| SITHE___MASSENA 23902 | 14.96 -1.61 4.95 | 14.77 -1.64 6.09 | 14.10 -1.46 4.17 | 13.89 -1.39 3.47 | 13.85 -1.42 3.68 | 14.92 -1.65 6.06 | 17.37 -1.83 6.60 | 17.16 -1.45 2.76 | 21.45 -2.04 4.84 | 22.80 -2.12 4.52 | 26.53 -2.38 4.11 | 29.91 -2.22 0.00 | 31.06 -2.27 0.00 | 25.21 -1.78 0.00 | 24.92 -1.67 0.00 | 27.10 -2.01 0.00 | 30.07 -1.99 0.00 | 45.05 -3.13 0.00 | 48.05 -3.45 0.00 | 41.42 -2.93 0.00 | 36.23 -2.48 0.00 | 34.15 -2.18 0.00 | 33.47 -1.87 0.00 | 26.32 -1.53 0.00 |
| SITHE___OGDNSBRG 24021 | 15.44 -1.64 4.44 | 15.37 -1.66 5.46 | 14.47 -1.52 3.74 | 14.22 -1.41 3.11 | 14.21 -1.44 3.30 | 15.56 -1.63 5.44 | 18.10 -1.78 5.92 | 17.57 -1.32 2.47 | 22.06 -1.93 4.35 | 23.36 -2.03 4.06 | 27.08 -2.25 3.69 | 29.94 -2.19 0.00 | 31.12 -2.20 0.00 | 25.31 -1.67 0.00 | 25.00 -1.60 0.00 | 27.13 -1.98 0.00 | 30.10 -1.96 0.00 | 45.24 -2.94 0.00 | 48.25 -3.24 0.00 | 41.51 -2.84 0.00 | 36.35 -2.36 0.00 | 34.30 -2.03 0.00 | 33.72 -1.63 0.00 | 26.48 -1.36 0.00 |
| SITHE___STERLING 23777 | 21.94 0.45 0.02 | 22.82 0.47 0.16 | 20.10 0.39 0.02 | 19.16 0.41 -0.01 | 19.40 0.42 -0.03 | 22.98 0.59 0.24 | 26.20 0.65 0.25 | 22.06 0.58 -0.12 | 29.17 0.77 -0.07 | 30.33 0.76 -0.11 | 34.56 0.83 -0.72 | 33.76 0.77 -0.86 | 34.72 0.77 -0.63 | 28.33 0.59 -0.75 | 27.89 0.53 -0.76 | 30.51 0.70 -0.71 | 33.92 0.74 -1.13 | 50.68 1.40 -1.10 | 53.90 1.54 -0.86 | 46.42 1.20 -0.87 | 40.90 1.00 -1.18 | 38.08 0.87 -0.87 | 36.66 0.78 -0.54 | 28.97 0.64 -0.48 |
| SOUTH CAIRO___GT 23612 | 31.40 1.70 -8.19 | 30.14 1.78 -5.86 | 28.30 1.58 -7.00 | 26.83 1.48 -6.61 | 28.19 1.50 -7.74 | 27.50 1.74 -3.13 | 31.54 1.91 -3.83 | 31.78 1.60 -8.81 | 42.46 2.69 -11.44 | 44.44 2.77 -12.23 | 68.19 3.07 -32.10 | 64.30 3.02 -29.15 | 57.84 3.10 -21.41 | 54.58 2.35 -25.24 | 54.57 2.34 -25.63 | 55.75 2.74 -23.91 | 73.10 2.89 -38.15 | 89.72 4.29 -37.25 | 85.27 4.58 -29.19 | 77.27 3.95 -28.97 | 81.39 3.37 -39.31 | 68.38 2.98 -29.07 | 56.26 2.86 -18.06 | 46.01 2.12 -16.04 |
| SOUTH HAMPTN___IC 23720 | 36.59 3.85 -11.23 | 31.91 4.00 -5.41 | 29.72 3.55 -6.45 | 28.12 3.30 -6.08 | 29.40 3.34 -7.11 | 29.47 3.96 -2.88 | 33.97 4.64 -3.53 | 40.51 4.02 -15.12 | 45.06 5.84 -10.90 | 47.10 6.13 -11.53 | 77.38 7.23 -37.14 | 74.55 7.00 -35.42 | 69.49 7.23 -28.93 | 65.82 5.86 -32.98 | 72.72 5.83 -40.29 | 74.96 6.52 -39.33 | 101.93 7.08 -62.79 | 107.97 11.23 -48.56 | 109.08 12.10 -45.48 | 106.40 10.29 -51.76 | 103.96 8.79 -56.46 | 103.62 8.03 -59.26 | 75.65 7.85 -32.46 | 51.78 5.93 -18.00 |
| SOUTHOLD___IC 23719 | 37.00 4.26 -11.23 | 32.34 4.43 -5.41 | 30.09 3.93 -6.45 | 28.48 3.65 -6.08 | 29.76 3.70 -7.11 | 29.88 4.37 -2.88 | 34.49 5.16 -3.53 | 40.94 4.44 -15.12 | 45.57 6.35 -10.90 | 47.81 6.83 -11.53 | 78.21 8.05 -37.14 | 75.36 7.81 -35.42 | 70.36 8.10 -28.94 | 66.53 6.56 -32.98 | 73.38 6.49 -40.29 | 75.57 7.13 -39.33 | 102.77 7.92 -62.79 | 109.32 12.58 -48.56 | 110.52 13.54 -45.48 | 107.64 11.53 -51.76 | 104.97 9.79 -56.46 | 104.57 8.98 -59.26 | 76.54 8.73 -32.46 | 52.47 6.63 -18.00 |
| ST LAWRENCE___ 23600 | 15.02 -1.38 5.11 | 14.78 -1.42 6.30 | 14.15 -1.26 4.31 | 13.95 -1.20 3.58 | 13.92 -1.23 3.80 | 14.89 -1.47 6.27 | 17.32 -1.65 6.83 | 17.19 -1.32 2.85 | 21.48 -1.84 5.01 | 22.89 -1.89 4.68 | 26.65 -2.11 4.25 | 30.17 -1.96 0.00 | 31.32 -2.00 0.00 | 25.42 -1.57 0.00 | 25.08 -1.52 0.00 | 27.33 -1.78 0.00 | 30.26 -1.79 0.00 | 45.34 -2.84 0.00 | 48.35 -3.14 0.00 | 41.74 -2.62 0.00 | 36.51 -2.20 0.00 | 34.37 -1.96 0.00 | 33.61 -1.73 0.00 | 26.43 -1.42 0.00 |
| STATION 5_MISC_HYD 23604 | 22.17 -0.19 -0.85 | 22.82 -0.25 -0.57 | 20.27 -0.18 -0.73 | 19.28 -0.15 -0.69 | 19.64 -0.13 -0.82 | 22.76 -0.13 -0.26 | 25.77 -0.36 -0.33 | 21.96 -0.36 -0.95 | 29.32 -0.17 -1.16 | 30.37 -0.32 -1.25 | 35.94 -0.46 -3.39 | 34.65 -0.61 -3.13 | 34.92 -0.70 -2.30 | 29.03 -0.67 -2.71 | 28.71 -0.64 -2.75 | 31.30 -0.38 -2.57 | 35.48 -0.67 -4.10 | 51.55 -0.63 -4.00 | 54.02 -0.62 -3.14 | 46.65 -0.80 -3.10 | 41.99 -0.93 -4.20 | 38.39 -1.05 -3.11 | 36.18 -1.10 -1.93 | 28.98 -0.59 -1.72 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 22.38 0.02 -0.84 | 23.04 -0.02 -0.56 | 20.46 0.02 -0.72 | 19.46 0.04 -0.69 | 19.82 0.06 -0.81 | 23.00 0.11 -0.25 | 26.18 0.05 -0.32 | 22.31 0.00 -0.95 | 29.57 0.09 -1.15 | 30.75 0.06 -1.24 | 36.39 0.00 -3.38 | 35.19 -0.06 -3.13 | 35.49 -0.13 -2.30 | 29.51 -0.19 -2.71 | 29.13 -0.21 -2.75 | 31.56 -0.12 -2.56 | 35.96 -0.19 -4.09 | 52.37 0.19 -4.00 | 54.83 0.21 -3.13 | 47.34 -0.09 -3.08 | 42.66 -0.23 -4.18 | 39.06 -0.36 -3.09 | 36.80 -0.46 -1.92 | 29.39 -0.17 -1.71 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 22.01 -0.35 -0.84 | 22.66 -0.40 -0.56 | 20.12 -0.32 -0.72 | 19.14 -0.28 -0.68 | 19.49 -0.27 -0.81 | 22.60 -0.29 -0.26 | 25.61 -0.52 -0.33 | 21.82 -0.49 -0.94 | 29.08 -0.40 -1.14 | 30.18 -0.50 -1.23 | 35.70 -0.66 -3.35 | 34.42 -0.80 -3.10 | 34.70 -0.90 -2.27 | 28.86 -0.81 -2.68 | 28.52 -0.80 -2.72 | 31.07 -0.58 -2.54 | 35.25 -0.86 -4.05 | 51.22 -0.92 -3.96 | 53.67 -0.93 -3.10 | 46.35 -1.06 -3.06 | 41.74 -1.12 -4.15 | 38.17 -1.24 -3.07 | 35.98 -1.27 -1.91 | 28.76 -0.78 -1.70 |
| STEEL___WIND 323596 | 22.65 -0.04 -1.18 | 23.24 -0.07 -0.81 | 20.77 0.04 -1.01 | 19.74 0.04 -0.96 | 20.14 0.06 -1.13 | 23.05 0.02 -0.39 | 25.80 -0.49 -0.49 | 22.23 -0.45 -1.31 | 29.68 -0.26 -1.60 | 30.88 -0.29 -1.72 | 37.05 -0.59 -4.63 | 35.45 -0.93 -4.26 | 35.42 -1.03 -3.13 | 29.65 -1.03 -3.69 | 29.41 -0.93 -3.74 | 31.99 -0.61 -3.49 | 36.67 -0.96 -5.57 | 52.61 -1.01 -5.44 | 54.68 -1.08 -4.27 | 47.24 -1.33 -4.22 | 42.84 -1.59 -5.72 | 38.86 -1.71 -4.23 | 36.35 -1.63 -2.63 | 29.46 -0.72 -2.34 |
| STEBEN_REC_LFGE 323667 | 23.62 0.52 -1.59 | 24.09 0.49 -1.10 | 21.53 0.45 -1.36 | 20.46 0.43 -1.29 | 20.90 0.44 -1.51 | 23.72 0.54 -0.55 | 26.97 0.49 -0.68 | 23.54 0.43 -1.74 | 31.21 0.74 -2.14 | 32.28 0.53 -2.30 | 39.66 0.50 -6.15 | 38.25 0.48 -5.64 | 37.93 0.47 -4.14 | 32.11 0.24 -4.88 | 31.72 0.16 -4.96 | 34.37 0.64 -4.62 | 39.85 0.42 -7.38 | 56.83 1.44 -7.21 | 58.69 1.54 -5.65 | 50.95 1.02 -5.58 | 46.90 0.62 -7.57 | 42.29 0.36 -5.60 | 39.10 0.28 -3.48 | 31.60 0.67 -3.09 |
| STONY___BROOK 24151 | 35.79 3.05 -11.23 | 31.08 3.17 -5.41 | 29.01 2.84 -6.45 | 27.46 2.64 -6.08 | 28.74 2.67 -7.11 | 28.66 3.14 -2.88 | 32.99 3.66 -3.53 | 39.68 3.18 -15.12 | 43.90 4.67 -10.90 | 45.84 4.86 -11.53 | 75.99 5.74 -37.24 | 73.19 5.53 -35.53 | 68.08 5.70 -29.06 | 64.71 4.61 -33.11 | 71.59 4.60 -40.39 | 73.71 5.18 -39.42 | 100.39 5.48 -62.85 | 105.32 8.53 -48.61 | 106.39 9.17 -45.73 | 104.02 7.85 -51.81 | 101.96 6.74 -56.52 | 101.82 6.18 -59.31 | 73.97 6.08 -32.54 | 50.59 4.59 -18.15 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| STURGEON_POOL_HYD 23609 | 30.91 1.72 -7.67 | 29.79 1.80 -5.49 | 27.86 1.58 -6.56 | 26.41 1.48 -6.20 | 27.68 1.48 -7.25 | 27.28 1.72 -2.93 | 31.42 2.04 -3.58 | 31.42 1.80 -8.26 | 41.66 2.60 -10.72 | 43.74 2.83 -11.46 | 66.40 3.30 -30.08 | 62.69 3.24 -27.32 | 56.72 3.33 -20.07 | 53.32 2.67 -23.66 | 53.27 2.66 -24.02 | 54.34 2.82 -22.40 | 70.99 3.17 -35.75 | 87.96 4.86 -34.91 | 84.11 5.26 -27.36 | 76.07 4.57 -27.15 | 79.46 3.91 -36.84 | 67.14 3.56 -27.24 | 55.62 3.36 -16.92 | 45.42 2.53 -15.04 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 30.27 1.72 -7.04 | 29.34 1.80 -5.04 | 27.32 1.58 -6.01 | 25.90 1.48 -5.68 | 27.08 1.48 -6.65 | 27.06 1.74 -2.69 | 31.15 2.06 -3.29 | 30.78 1.84 -7.57 | 41.54 2.86 -10.34 | 43.48 2.97 -11.06 | 65.51 3.47 -29.03 | 61.89 3.40 -26.36 | 56.19 3.50 -19.37 | 52.62 2.81 -22.83 | 52.57 2.79 -23.17 | 53.81 3.08 -21.62 | 69.89 3.33 -34.50 | 87.08 5.21 -33.69 | 83.51 5.61 -26.40 | 75.39 4.84 -26.20 | 78.36 4.10 -35.55 | 66.37 3.74 -26.29 | 55.21 3.53 -16.33 | 45.03 2.67 -14.51 |
| SYNERGY___BIOGAS 323694 | 22.42 -0.09 -1.00 | 23.06 -0.11 -0.68 | 20.56 -0.02 -0.85 | 19.55 0.00 -0.81 | 19.93 0.02 -0.96 | 22.95 0.00 -0.32 | 25.66 -0.54 -0.40 | 21.88 -0.60 -1.11 | 29.32 -0.37 -1.35 | 30.47 -0.44 -1.46 | 36.26 -0.69 -3.94 | 34.76 -1.00 -3.63 | 34.86 -1.13 -2.67 | 29.08 -1.05 -3.14 | 28.81 -0.98 -3.19 | 31.39 -0.70 -2.98 | 35.75 -1.06 -4.75 | 51.76 -1.06 -4.64 | 54.00 -1.13 -3.63 | 46.57 -1.38 -3.59 | 42.00 -1.59 -4.87 | 38.23 -1.71 -3.60 | 35.89 -1.70 -2.24 | 29.09 -0.75 -1.99 |
| SYRACUSE___ENERGY_ST1 323597 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| SYRACUSE___ENERGY_ST2 323598 | 22.34 0.15 -0.67 | 23.06 0.14 -0.42 | 20.42 0.12 -0.58 | 19.43 0.13 -0.56 | 19.74 0.13 -0.66 | 23.00 0.20 -0.16 | 26.27 0.26 -0.22 | 22.32 0.17 -0.78 | 29.33 0.06 -0.94 | 30.62 0.15 -1.02 | 35.97 0.10 -2.85 | 34.96 0.16 -2.68 | 35.42 0.13 -1.97 | 29.36 0.05 -2.32 | 28.95 0.00 -2.35 | 31.25 -0.06 -2.19 | 35.56 0.00 -3.50 | 51.84 0.24 -3.42 | 54.43 0.26 -2.68 | 46.79 -0.09 -2.53 | 42.03 -0.12 -3.43 | 38.69 -0.18 -2.54 | 36.67 -0.25 -1.58 | 29.14 -0.11 -1.40 |
| SYRACUSE___POWER 24017 | 22.90 0.58 -0.80 | 23.60 0.58 -0.51 | 20.92 0.51 -0.69 | 19.90 0.51 -0.66 | 20.24 0.51 -0.78 | 23.50 0.66 -0.21 | 26.90 0.83 -0.27 | 22.97 0.68 -0.92 | 30.15 0.71 -1.11 | 31.45 0.80 -1.20 | 37.21 0.86 -3.34 | 36.18 0.93 -3.12 | 36.55 0.93 -2.29 | 30.39 0.70 -2.70 | 29.95 0.61 -2.74 | 32.31 0.64 -2.56 | 36.94 0.80 -4.08 | 53.71 1.54 -3.99 | 56.32 1.70 -3.12 | 47.06 0.13 -2.57 | 42.28 0.08 -3.49 | 38.91 0.00 -2.58 | 36.88 -0.07 -1.60 | 29.30 0.03 -1.42 |
| TRIGEN___CC 323695 | 35.21 2.47 -11.22 | 30.47 2.56 -5.40 | 28.49 2.33 -6.45 | 27.01 2.19 -6.08 | 28.26 2.20 -7.11 | 28.09 2.58 -2.88 | 32.32 2.99 -3.53 | 39.07 2.58 -15.12 | 42.89 3.66 -10.90 | 45.14 3.80 -11.89 | 87.56 4.43 -50.12 | 86.68 4.21 -50.34 | 82.93 4.33 -45.28 | 80.69 3.53 -50.17 | 82.70 3.54 -52.56 | 83.73 3.90 -50.72 | 106.46 4.17 -70.24 | 110.02 6.46 -55.38 | 137.35 6.95 -78.91 | 108.90 5.99 -58.56 | 107.49 5.15 -63.63 | 107.48 4.72 -66.43 | 82.89 4.66 -42.89 | 69.31 3.59 -37.87 |
| UNION___PROCESSING_DRP 323587 | 22.11 -0.26 -0.85 | 22.78 -0.29 -0.57 | 20.24 -0.22 -0.73 | 19.23 -0.21 -0.70 | 19.58 -0.19 -0.82 | 22.69 -0.20 -0.27 | 25.67 -0.46 -0.34 | 21.90 -0.43 -0.96 | 29.24 -0.26 -1.16 | 30.29 -0.41 -1.25 | 35.83 -0.59 -3.41 | 34.54 -0.74 -3.15 | 34.80 -0.83 -2.31 | 28.96 -0.76 -2.73 | 28.62 -0.74 -2.77 | 31.20 -0.50 -2.58 | 35.38 -0.80 -4.12 | 51.38 -0.82 -4.02 | 53.77 -0.88 -3.15 | 46.45 -1.02 -3.11 | 41.85 -1.08 -4.23 | 38.26 -1.20 -3.12 | 36.05 -1.24 -1.94 | 28.88 -0.70 -1.72 |
| UPPER HUDSON___HYD 24058 | 33.01 1.48 -10.02 | 31.09 1.46 -7.13 | 29.61 1.32 -8.56 | 28.13 1.29 -8.10 | 29.63 1.19 -9.48 | 27.96 1.56 -3.76 | 31.99 1.57 -4.61 | 33.49 1.30 -10.82 | 44.22 2.07 -13.82 | 46.32 2.09 -14.78 | 74.28 2.34 -38.93 | 69.75 2.22 -35.40 | 61.63 2.30 -26.01 | 59.48 1.84 -30.66 | 59.45 1.73 -31.12 | 60.18 2.04 -29.03 | 80.58 2.18 -46.34 | 97.09 3.66 -45.25 | 90.76 3.81 -35.45 | 82.69 3.15 -35.19 | 89.13 2.67 -47.75 | 74.33 2.69 -35.31 | 59.93 2.65 -21.93 | 49.67 2.34 -19.49 |
| UPPER RAQUET___HYD 24056 | 15.59 -1.81 4.11 | 15.61 -1.82 5.07 | 14.60 -1.66 3.47 | 14.32 -1.54 2.88 | 14.32 -1.57 3.06 | 15.80 -1.79 5.04 | 18.35 -1.96 5.49 | 17.60 -1.47 2.29 | 21.98 -2.32 4.03 | 23.24 -2.44 3.76 | 26.89 -2.71 3.42 | 29.49 -2.63 0.00 | 30.66 -2.67 0.00 | 25.02 -1.97 0.00 | 24.71 -1.89 0.00 | 26.58 -2.53 0.00 | 29.46 -2.60 0.00 | 44.28 -3.90 0.00 | 47.17 -4.33 0.00 | 40.63 -3.73 0.00 | 35.58 -3.13 0.00 | 33.72 -2.62 0.00 | 33.33 -2.01 0.00 | 26.26 -1.59 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 26.60 1.87 -3.21 | 26.80 2.00 -2.30 | 24.21 1.74 -2.75 | 23.04 1.70 -2.60 | 23.73 1.74 -3.04 | 26.01 2.15 -1.23 | 29.80 2.50 -1.50 | 27.14 2.31 -3.46 | 35.69 3.06 -4.29 | 37.16 3.12 -4.59 | 48.60 3.53 -12.05 | 46.22 3.15 -10.94 | 44.59 3.23 -8.04 | 39.03 2.57 -9.48 | 38.75 2.53 -9.62 | 41.08 3.00 -8.97 | 49.68 3.30 -14.32 | 67.56 5.39 -13.98 | 68.32 5.87 -10.96 | 60.10 4.88 -10.86 | 57.64 4.18 -14.74 | 51.01 3.78 -10.90 | 45.61 3.50 -6.77 | 36.65 2.78 -6.02 |
| VISCHER___FERRY HYD 24020 | 32.88 1.42 -9.94 | 31.00 1.42 -7.08 | 29.49 1.26 -8.50 | 27.99 1.22 -8.04 | 29.59 1.23 -9.41 | 27.93 1.56 -3.74 | 32.08 1.70 -4.58 | 33.56 1.45 -10.74 | 44.18 2.13 -13.72 | 46.34 2.21 -14.68 | 74.14 2.48 -38.65 | 69.62 2.34 -35.15 | 61.58 2.43 -25.82 | 59.40 1.97 -30.44 | 59.39 1.89 -30.90 | 60.09 2.15 -28.83 | 80.40 2.34 -46.01 | 96.76 3.66 -44.92 | 90.61 3.91 -35.20 | 82.57 3.28 -34.94 | 88.91 2.79 -47.41 | 74.01 2.62 -35.06 | 59.70 2.58 -21.77 | 49.23 2.03 -19.35 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 30.72 1.94 -7.27 | 29.70 2.00 -5.20 | 27.69 1.75 -6.21 | 26.26 1.65 -5.87 | 27.47 1.65 -6.86 | 27.33 1.92 -2.78 | 31.52 2.32 -3.39 | 31.24 2.05 -7.82 | 41.79 3.00 -10.46 | 43.69 3.06 -11.18 | 66.00 3.63 -29.36 | 62.32 3.53 -26.66 | 56.54 3.63 -19.58 | 53.01 2.94 -23.09 | 52.98 2.95 -23.43 | 54.23 3.26 -21.86 | 70.44 3.49 -34.89 | 87.74 5.49 -34.07 | 84.11 5.92 -26.69 | 75.94 5.10 -26.49 | 79.03 4.37 -35.95 | 66.91 4.00 -26.58 | 55.64 3.78 -16.51 | 45.36 2.84 -14.67 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 31.25 2.22 -7.52 | 30.20 2.32 -5.38 | 28.18 2.03 -6.43 | 26.70 1.89 -6.07 | 27.95 1.90 -7.10 | 27.75 2.24 -2.87 | 32.00 2.68 -3.51 | 31.86 2.39 -8.10 | 42.43 3.37 -10.72 | 44.36 3.44 -11.46 | 67.27 4.16 -30.10 | 63.50 4.05 -27.33 | 57.53 4.13 -20.08 | 54.03 3.37 -23.67 | 54.00 3.38 -24.02 | 55.28 3.76 -22.42 | 71.86 4.04 -35.77 | 89.37 6.26 -34.93 | 85.61 6.74 -27.37 | 77.37 5.85 -27.16 | 80.60 5.03 -36.85 | 68.20 4.61 -27.25 | 56.65 4.38 -16.93 | 46.15 3.26 -15.04 |
| WADING RIVER_IC_1 23522 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 6.01 -37.13 | 73.31 5.78 -35.41 | 68.21 5.96 -28.92 | 64.78 4.83 -32.97 | 71.70 4.82 -40.28 | 73.81 5.38 -39.32 | 100.61 5.77 -62.78 | 105.84 9.11 -48.55 | 106.73 9.79 -45.45 | 104.49 8.39 -51.75 | 102.33 7.16 -56.46 | 102.16 6.58 -59.25 | 74.23 6.43 -32.45 | 50.70 4.87 -17.98 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|
| WADING RIVER_IC_2 23547 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 6.01 -37.13 | 73.31 5.78 -35.41 | 68.21 5.96 -28.92 | 64.78 4.83 -32.97 | 71.70 4.82 -40.28 | 73.81 5.38 -39.32 | 100.61 5.77 -62.78 | 105.84 9.11 -48.55 | 106.73 9.79 -45.45 | 104.49 8.39 -51.75 | 102.33 7.16 -56.46 | 102.16 6.58 -59.25 | 74.23 6.43 -32.45 | 50.70 4.87 -17.98 |
| WADING RIVER_IC_3 23601 | 35.92 3.18 -11.23 | 31.22 3.31 -5.41 | 29.13 2.96 -6.45 | 27.58 2.76 -6.08 | 28.85 2.79 -7.11 | 28.80 3.28 -2.88 | 33.18 3.84 -3.53 | 39.82 3.33 -15.12 | 44.10 4.87 -10.90 | 46.07 5.10 -11.53 | 76.15 6.01 -37.13 | 73.31 5.78 -35.41 | 68.21 5.96 -28.92 | 64.78 4.83 -32.97 | 71.70 4.82 -40.28 | 73.81 5.38 -39.32 | 100.61 5.77 -62.78 | 105.84 9.11 -48.55 | 106.73 9.79 -45.45 | 104.49 8.39 -51.75 | 102.33 7.16 -56.46 | 102.16 6.58 -59.25 | 74.23 6.43 -32.45 | 50.70 4.87 -17.98 |
| WALDEN___HYDRO 24148 | 30.77 1.85 -7.41 | 29.74 1.94 -5.30 | 27.75 1.70 -6.33 | 26.30 1.57 -5.98 | 27.54 1.59 -7.00 | 27.32 1.86 -2.83 | 31.48 2.22 -3.46 | 31.30 1.96 -7.97 | 41.84 2.95 -10.56 | 43.78 3.03 -11.30 | 66.23 3.57 -29.65 | 62.52 3.47 -26.92 | 56.70 3.60 -19.78 | 53.16 2.86 -23.32 | 53.14 2.87 -23.67 | 54.36 3.17 -22.08 | 70.73 3.43 -35.24 | 87.89 5.30 -34.41 | 84.17 5.72 -26.96 | 76.03 4.92 -26.76 | 79.24 4.22 -36.31 | 67.03 3.85 -26.85 | 55.63 3.61 -16.68 | 45.40 2.73 -14.82 |
| WARRENSBURG____ 23737 | 33.01 1.48 -10.02 | 31.09 1.46 -7.13 | 29.61 1.32 -8.56 | 28.13 1.29 -8.10 | 29.63 1.19 -9.48 | 27.96 1.56 -3.76 | 31.99 1.57 -4.61 | 33.49 1.30 -10.82 | 44.22 2.07 -13.82 | 46.32 2.09 -14.78 | 74.28 2.34 -38.93 | 69.75 2.22 -35.40 | 61.63 2.30 -26.01 | 59.48 1.84 -30.66 | 59.45 1.73 -31.12 | 60.18 2.04 -29.03 | 80.58 2.18 -46.34 | 97.09 3.66 -45.25 | 90.76 3.81 -35.45 | 82.69 3.15 -35.19 | 89.13 2.67 -47.75 | 74.33 2.69 -35.31 | 59.93 2.65 -21.93 | 49.67 2.34 -19.49 |
| WATERSIDE___6 8 9 23538 | 31.39 2.35 -7.53 | 30.32 2.43 -5.39 | 28.31 2.15 -6.43 | 26.80 1.99 -6.08 | 28.05 1.99 -7.11 | 27.84 2.33 -2.87 | 32.08 2.76 -3.51 | 31.97 2.50 -8.10 | 42.46 3.40 -10.72 | 44.42 3.50 -11.47 | 67.41 4.29 -30.11 | 63.63 4.17 -27.33 | 57.67 4.27 -20.08 | 54.17 3.51 -23.68 | 54.15 3.51 -24.04 | 55.40 3.87 -22.42 | 72.04 4.20 -35.78 | 89.62 6.50 -34.94 | 85.88 7.00 -27.38 | 77.60 6.08 -27.17 | 80.77 5.19 -36.87 | 68.36 4.76 -27.27 | 56.81 4.53 -16.94 | 46.29 3.40 -15.05 |
| WDELAWARE___HYD 323627 | 29.62 1.33 -6.77 | 28.72 1.37 -4.85 | 26.74 1.22 -5.79 | 25.35 1.14 -5.47 | 26.49 1.14 -6.40 | 26.53 1.31 -2.59 | 30.57 1.60 -3.17 | 30.09 1.43 -7.29 | 39.58 2.10 -9.15 | 41.35 2.12 -9.78 | 61.17 2.48 -25.68 | 57.86 2.41 -23.32 | 52.92 2.47 -17.13 | 49.10 1.92 -20.19 | 49.04 1.94 -20.50 | 50.47 2.24 -19.12 | 64.92 2.34 -30.52 | 81.60 3.62 -29.80 | 78.76 3.91 -23.35 | 70.90 3.37 -23.17 | 73.02 2.86 -31.45 | 62.13 2.54 -23.25 | 52.15 2.37 -14.44 | 42.44 1.76 -12.83 |
| WEST BABYLON___IC 23714 | 35.77 3.03 -11.22 | 31.06 3.15 -5.41 | 28.99 2.82 -6.45 | 27.46 2.64 -6.08 | 28.72 2.65 -7.11 | 28.64 3.12 -2.88 | 32.97 3.64 -3.53 | 39.65 3.16 -15.12 | 43.76 4.53 -10.90 | 45.80 4.74 -11.61 | 78.56 5.54 -40.00 | 76.17 5.33 -38.71 | 71.36 5.50 -32.54 | 68.24 4.48 -36.77 | 74.37 4.44 -43.33 | 76.24 4.92 -42.21 | 102.06 5.32 -64.68 | 106.76 8.29 -50.29 | 113.30 8.96 -52.84 | 105.51 7.67 -53.48 | 103.57 6.58 -58.28 | 103.44 6.03 -61.07 | 76.42 5.97 -35.10 | 54.76 4.54 -22.37 |
| WEST CANADA___HYD 24049 | 21.36 0.22 0.37 | 22.36 0.22 0.36 | 19.60 0.20 0.32 | 18.64 0.19 0.28 | 18.83 0.19 0.32 | 22.56 0.23 0.30 | 25.72 0.26 0.33 | 21.25 0.19 0.31 | 28.19 0.28 0.42 | 29.32 0.29 0.43 | 32.51 0.33 0.83 | 31.83 0.32 0.62 | 33.20 0.33 0.45 | 26.72 0.27 0.53 | 26.32 0.27 0.54 | 28.93 0.32 0.51 | 31.57 0.32 0.81 | 47.87 0.48 0.79 | 51.39 0.51 0.62 | 44.19 0.44 0.61 | 38.27 0.39 0.83 | 36.09 0.36 0.61 | 35.32 0.35 0.38 | 27.79 0.28 0.34 |
| WESTERN_NY_WIND 24143 | 22.43 -0.09 -1.00 | 23.07 -0.11 -0.68 | 20.54 -0.04 -0.86 | 19.54 -0.02 -0.82 | 19.93 0.02 -0.96 | 22.96 0.00 -0.32 | 25.66 -0.54 -0.41 | 21.86 -0.62 -1.11 | 29.30 -0.40 -1.36 | 30.44 -0.47 -1.47 | 36.25 -0.73 -3.96 | 34.75 -1.03 -3.65 | 34.84 -1.17 -2.68 | 29.07 -1.08 -3.16 | 28.80 -1.01 -3.21 | 31.38 -0.73 -2.99 | 35.74 -1.09 -4.78 | 51.74 -1.11 -4.66 | 53.97 -1.18 -3.65 | 46.54 -1.42 -3.61 | 41.99 -1.62 -4.90 | 38.18 -1.78 -3.62 | 35.86 -1.73 -2.25 | 29.07 -0.78 -2.00 |
| WESTOVER___LESR 323668 | 24.41 0.54 -2.35 | 24.71 0.56 -1.65 | 22.25 0.51 -2.01 | 21.15 0.51 -1.91 | 21.70 0.51 -2.24 | 24.07 0.59 -0.85 | 27.51 0.67 -1.04 | 24.49 0.55 -2.57 | 32.21 0.71 -3.16 | 33.54 0.71 -3.39 | 42.71 0.69 -9.00 | 41.02 0.68 -8.22 | 40.03 0.67 -6.04 | 34.57 0.46 -7.12 | 34.25 0.42 -7.23 | 36.46 0.61 -6.74 | 43.36 0.54 -10.76 | 59.80 1.11 -10.51 | 61.02 1.29 -8.23 | 53.44 0.93 -8.15 | 50.47 0.70 -11.07 | 45.10 0.58 -8.18 | 40.88 0.46 -5.08 | 32.98 0.61 -4.52 |
| WETHRSFD_WT_PWR 323626 | 22.86 0.02 -1.33 | 23.41 0.00 -0.91 | 20.94 0.08 -1.14 | 19.89 0.08 -1.08 | 20.32 0.10 -1.27 | 23.15 0.07 -0.45 | 26.05 -0.31 -0.56 | 22.53 -0.30 -1.46 | 29.96 -0.17 -1.80 | 31.14 -0.24 -1.93 | 37.69 -0.49 -5.18 | 36.17 -0.71 -4.75 | 36.01 -0.80 -3.49 | 30.29 -0.81 -4.12 | 30.00 -0.77 -4.18 | 32.54 -0.47 -3.90 | 37.48 -0.80 -6.22 | 53.58 -0.67 -6.07 | 55.53 -0.72 -4.76 | 48.08 -0.98 -4.71 | 43.90 -1.20 -6.39 | 39.75 -1.31 -4.72 | 36.97 -1.31 -2.93 | 29.98 -0.47 -2.61 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 30.62 1.83 -7.27 | 29.62 1.91 -5.21 | 27.62 1.68 -6.22 | 26.19 1.57 -5.87 | 27.40 1.57 -6.87 | 27.24 1.83 -2.78 | 31.39 2.19 -3.40 | 31.16 1.96 -7.83 | 41.66 2.86 -10.47 | 43.55 2.92 -11.19 | 65.85 3.47 -29.37 | 62.17 3.37 -26.67 | 56.42 3.50 -19.59 | 52.89 2.81 -23.10 | 52.86 2.82 -23.45 | 54.13 3.14 -21.87 | 70.30 3.33 -34.91 | 87.52 5.25 -34.09 | 83.87 5.66 -26.71 | 75.78 4.92 -26.51 | 78.86 4.18 -35.97 | 66.78 3.85 -26.60 | 55.50 3.64 -16.52 | 45.26 2.73 -14.68 |
| YORK___WARBASSE 23770 | 31.45 2.41 -7.53 | 30.41 2.52 -5.39 | 28.39 2.23 -6.44 | 26.90 2.08 -6.08 | 28.15 2.08 -7.11 | 27.90 2.40 -2.87 | 32.10 2.79 -3.51 | 31.99 2.52 -8.10 | 42.51 3.46 -10.72 | 44.48 3.56 -11.47 | 67.55 4.43 -30.11 | 63.73 4.27 -27.33 | 57.77 4.36 -20.08 | 54.23 3.56 -23.68 | 54.22 3.59 -24.04 | 55.49 3.96 -22.42 | 72.14 4.30 -35.78 | 89.81 6.69 -34.94 | 86.08 7.21 -27.38 | 77.78 6.26 -27.17 | 80.92 5.34 -36.87 | 68.50 4.90 -27.27 | 56.95 4.66 -16.94 | 46.44 3.54 -15.05 |