

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/09/2016

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| PTID | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST | EST |
| 59TH STREET_GT_1 | 37.04 | 34.79 | 36.05 | 34.80 | 34.31 | 36.60 | 49.27 | 51.79 | 51.67 | 49.51 | 47.54 | 46.38 | 44.89 | 44.20 | 43.54 | 44.88 | 58.96 | 69.70 | 64.02 | 59.65 | 54.83 | 46.57 | 45.03 | 43.30 |
| 24138 | 1.31 | 1.31 | 1.23 | 1.24 | 1.27 | 1.52 | 2.33 | 2.69 | 2.35 | 2.38 | 2.39 | 2.40 | 2.38 | 2.47 | 2.47 | 2.49 | 2.38 | 2.73 | 2.67 | 2.75 | 2.79 | 2.91 | 2.47 | 1.83 |
| | -23.04 | -20.92 | -22.78 | -21.23 | -20.34 | -20.14 | -25.59 | -27.20 | -31.68 | -29.66 | -27.28 | -26.20 | -24.71 | -23.55 | -22.92 | -24.34 | -38.81 | -45.50 | -40.54 | -35.75 | -30.25 | -21.59 | -21.04 | -22.61 |
| 74TH STREET_GT_1 | 37.04 | 34.81 | 36.07 | 34.81 | 34.33 | 36.61 | 49.25 | 51.80 | 51.69 | 49.51 | 47.55 | 46.39 | 44.89 | 44.20 | 43.54 | 44.88 | 58.97 | 69.70 | 64.02 | 59.66 | 54.85 | 46.59 | 45.03 | 43.30 |
| 24260 | 1.31 | 1.32 | 1.24 | 1.26 | 1.28 | 1.52 | 2.31 | 2.69 | 2.36 | 2.38 | 2.39 | 2.40 | 2.38 | 2.47 | 2.47 | 2.49 | 2.38 | 2.73 | 2.67 | 2.75 | 2.81 | 2.93 | 2.47 | 1.83 |
| | -23.05 | -20.93 | -22.78 | -21.23 | -20.34 | -20.14 | -25.59 | -27.20 | -31.68 | -29.66 | -27.28 | -26.21 | -24.72 | -23.55 | -22.92 | -24.34 | -38.82 | -45.51 | -40.54 | -35.75 | -30.25 | -21.59 | -21.04 | -22.62 |
| 74TH STREET_GT_2 | 37.04 | 34.81 | 36.07 | 34.81 | 34.33 | 36.61 | 49.25 | 51.80 | 51.69 | 49.51 | 47.55 | 46.39 | 44.89 | 44.20 | 43.54 | 44.88 | 58.97 | 69.70 | 64.02 | 59.66 | 54.85 | 46.59 | 45.03 | 43.30 |
| 24261 | 1.31 | 1.32 | 1.24 | 1.26 | 1.28 | 1.52 | 2.31 | 2.69 | 2.36 | 2.38 | 2.39 | 2.40 | 2.38 | 2.47 | 2.47 | 2.49 | 2.38 | 2.73 | 2.67 | 2.75 | 2.81 | 2.93 | 2.47 | 1.83 |
| | -23.05 | -20.93 | -22.78 | -21.23 | -20.34 | -20.14 | -25.59 | -27.20 | -31.68 | -29.66 | -27.28 | -26.21 | -24.72 | -23.55 | -22.92 | -24.34 | -38.82 | -45.51 | -40.54 | -35.75 | -30.25 | -21.59 | -21.04 | -22.62 |
| ADK HUDSON___FALLS | 50.03 | 46.52 | 48.87 | 46.72 | 45.76 | 47.88 | 63.86 | 66.97 | 63.94 | 59.97 | 58.17 | 56.01 | 53.79 | 53.80 | 52.68 | 54.42 | 75.40 | 88.94 | 77.26 | 71.60 | 66.76 | 54.68 | 56.88 | 56.15 |
| 24011 | 1.07 | 1.02 | 0.96 | 0.97 | 1.04 | 1.24 | 2.20 | 2.21 | 1.94 | 1.89 | 1.95 | 1.90 | 1.90 | 1.95 | 1.94 | 1.89 | 1.92 | 2.42 | 2.33 | 2.26 | 2.31 | 2.29 | 2.20 | 1.64 |
| | -36.28 | -32.94 | -35.86 | -33.42 | -32.02 | -31.70 | -40.31 | -42.86 | -44.36 | -40.61 | -38.36 | -36.33 | -34.10 | -33.67 | -32.58 | -34.48 | -55.71 | -65.05 | -54.11 | -48.18 | -42.67 | -30.32 | -33.17 | -35.66 |
| ADK RESOURCE___RCVRY | 49.01 | 45.54 | 47.77 | 45.72 | 44.86 | 47.13 | 63.34 | 66.23 | 63.45 | 59.61 | 57.84 | 55.81 | 53.66 | 53.59 | 52.52 | 54.22 | 74.50 | 88.10 | 76.88 | 71.30 | 66.53 | 54.76 | 56.46 | 55.50 |
| 23798 | 1.33 | 1.21 | 1.14 | 1.17 | 1.28 | 1.61 | 3.08 | 2.96 | 2.65 | 2.55 | 2.66 | 2.65 | 2.65 | 2.69 | 2.69 | 2.65 | 2.61 | 3.43 | 3.23 | 3.13 | 3.25 | 3.20 | 2.93 | 2.22 |
| | -34.98 | -31.77 | -34.58 | -32.23 | -30.87 | -30.57 | -38.91 | -41.37 | -43.17 | -39.58 | -37.32 | -35.38 | -33.21 | -32.71 | -31.67 | -33.53 | -54.11 | -63.20 | -52.83 | -47.01 | -41.49 | -29.50 | -32.02 | -34.42 |
| ADK S GLENS___FALLS | 50.03 | 46.52 | 48.87 | 46.72 | 45.76 | 47.88 | 63.86 | 66.97 | 63.94 | 59.97 | 58.17 | 56.01 | 53.79 | 53.80 | 52.68 | 54.42 | 75.40 | 88.94 | 77.26 | 71.60 | 66.76 | 54.68 | 56.88 | 56.15 |
| 24028 | 1.07 | 1.02 | 0.96 | 0.97 | 1.04 | 1.24 | 2.20 | 2.21 | 1.94 | 1.89 | 1.95 | 1.90 | 1.90 | 1.95 | 1.94 | 1.89 | 1.92 | 2.42 | 2.33 | 2.26 | 2.31 | 2.29 | 2.20 | 1.64 |
| | -36.28 | -32.94 | -35.86 | -33.42 | -32.02 | -31.70 | -40.31 | -42.86 | -44.36 | -40.61 | -38.36 | -36.33 | -34.10 | -33.67 | -32.58 | -34.48 | -55.71 | -65.05 | -54.11 | -48.18 | -42.67 | -30.32 | -33.17 | -35.66 |
| ADK_NYS___DAM | 48.80 | 45.37 | 47.61 | 45.56 | 44.66 | 46.87 | 62.32 | 65.23 | 62.60 | 58.80 | 56.98 | 54.95 | 52.80 | 52.71 | 51.64 | 53.37 | 73.64 | 86.90 | 75.79 | 70.31 | 65.46 | 53.75 | 55.57 | 54.81 |
| 23527 | 1.08 | 0.99 | 0.94 | 0.96 | 1.04 | 1.32 | 2.07 | 1.97 | 1.80 | 1.75 | 1.80 | 1.79 | 1.80 | 1.82 | 1.82 | 1.80 | 1.76 | 2.23 | 2.12 | 2.14 | 2.18 | 2.18 | 2.05 | 1.55 |
| | -35.03 | -31.81 | -34.62 | -32.27 | -30.92 | -30.61 | -38.90 | -41.35 | -43.16 | -39.58 | -37.31 | -35.38 | -33.21 | -32.71 | -31.67 | -33.52 | -54.11 | -63.20 | -52.84 | -47.02 | -41.49 | -29.50 | -32.01 | -34.41 |
| AIR_PRODUCTS___DRP | 48.42 | 45.07 | 47.30 | 45.26 | 44.34 | 46.48 | 61.69 | 64.61 | 62.10 | 58.38 | 56.53 | 54.50 | 52.37 | 52.27 | 51.21 | 52.93 | 73.08 | 86.13 | 75.19 | 69.75 | 64.89 | 53.26 | 55.09 | 54.46 |
| 24190 | 0.95 | 0.93 | 0.88 | 0.90 | 0.94 | 1.15 | 1.73 | 1.66 | 1.53 | 1.52 | 1.55 | 1.53 | 1.53 | 1.56 | 1.56 | 1.55 | 1.51 | 1.82 | 1.77 | 1.80 | 1.83 | 1.85 | 1.81 | 1.45 |
| | -34.77 | -31.58 | -34.37 | -32.03 | -30.69 | -30.39 | -38.61 | -41.05 | -42.93 | -39.38 | -37.11 | -35.19 | -33.04 | -32.52 | -31.49 | -33.34 | -53.80 | -62.84 | -52.61 | -46.80 | -41.26 | -29.34 | -31.77 | -34.15 |
| ALBANY___1 | 48.42 | 45.07 | 47.30 | 45.26 | 44.34 | 46.48 | 61.69 | 64.61 | 62.10 | 58.38 | 56.53 | 54.50 | 52.37 | 52.27 | 51.21 | 52.93 | 73.08 | 86.13 | 75.19 | 69.75 | 64.89 | 53.26 | 55.09 | 54.46 |
| 23571 | 0.95 | 0.93 | 0.88 | 0.90 | 0.94 | 1.15 | 1.73 | 1.66 | 1.53 | 1.52 | 1.55 | 1.53 | 1.53 | 1.56 | 1.56 | 1.55 | 1.51 | 1.82 | 1.77 | 1.80 | 1.83 | 1.85 | 1.81 | 1.45 |
| | -34.77 | -31.58 | -34.37 | -32.03 | -30.69 | -30.39 | -38.61 | -41.05 | -42.93 | -39.38 | -37.11 | -35.19 | -33.04 | -32.52 | -31.49 | -33.34 | -53.80 | -62.84 | -52.61 | -46.80 | -41.26 | -29.34 | -31.77 | -34.15 |
| ALBANY___2 | 48.42 | 45.07 | 47.30 | 45.26 | 44.34 | 46.48 | 61.69 | 64.61 | 62.10 | 58.38 | 56.53 | 54.50 | 52.37 | 52.27 | 51.21 | 52.93 | 73.08 | 86.13 | 75.19 | 69.75 | 64.89 | 53.26 | 55.09 | 54.46 |
| 23572 | 0.95 | 0.93 | 0.88 | 0.90 | 0.94 | 1.15 | 1.73 | 1.66 | 1.53 | 1.52 | 1.55 | 1.53 | 1.53 | 1.56 | 1.56 | 1.55 | 1.51 | 1.82 | 1.77 | 1.80 | 1.83 | 1.85 | 1.81 | 1.45 |
| | -34.77 | -31.58 | -34.37 | -32.03 | -30.69 | -30.39 | -38.61 | -41.05 | -42.93 | -39.38 | -37.11 | -35.19 | -33.04 | -32.52 | -31.49 | -33.34 | -53.80 | -62.84 | -52.61 | -46.80 | -41.26 | -29.34 | -31.77 | -34.15 |
| ALBANY___3 | 48.42 | 45.07 | 47.30 | 45.26 | 44.34 | 46.48 | 61.69 | 64.61 | 62.10 | 58.38 | 56.53 | 54.50 | 52.37 | 52.27 | 51.21 | 52.93 | 73.08 | 86.13 | 75.19 | 69.75 | 64.89 | 53.26 | 55.09 | 54.46 |
| 23573 | 0.95 | 0.93 | 0.88 | 0.90 | 0.94 | 1.15 | 1.73 | 1.66 | 1.53 | 1.52 | 1.55 | 1.53 | 1.53 | 1.56 | 1.56 | 1.55 | 1.51 | 1.82 | 1.77 | 1.80 | 1.83 | 1.85 | 1.81 | 1.45 |
| | -34.77 | -31.58 | -34.37 | -32.03 | -30.69 | -30.39 | -38.61 | -41.05 | -42.93 | -39.38 | -37.11 | -35.19 | -33.04 | -32.52 | -31.49 | -33.34 | -53.80 | -62.84 | -52.61 | -46.80 | -41.26 | -29.34 | -31.77 | -34.15 |
| ALBANY___4 | 48.42 | 45.07 | 47.30 | 45.26 | 44.34 | 46.48 | 61.69 | 64.61 | 62.10 | 58.38 | 56.53 | 54.50 | 52.37 | 52.27 | 51.21 | 52.93 | 73.08 | 86.13 | 75.19 | 69.75 | 64.89 | 53.26 | 55.09 | 54.46 |
| 23574 | 0.95 | 0.93 | 0.88 | 0.90 | 0.94 | 1.15 | 1.73 | 1.66 | 1.53 | 1.52 | 1.55 | 1.53 | 1.53 | 1.56 | 1.56 | 1.55 | 1.51 | 1.82 | 1.77 | 1.80 | 1.83 | 1.85 | 1.81 | 1.45 |
| | -34.77 | -31.58 | -34.37 | -32.03 | -30.69 | -30.39 | -38.61 | -41.05 | -42.93 | -39.38 | -37.11 | -35.19 | -33.04 | -32.52 | -31.49 | -33.34 | -53.80 | -62.84 | -52.61 | -46.80 | -41.26 | -29.34 | -31.77 | -34.15 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| ALBANY___LFGE 323615 | 49.22 1.02 -35.51 | 45.80 0.99 -32.25 | 48.09 0.94 -35.10 | 46.00 0.96 -32.71 | 45.05 1.00 -31.34 | 47.20 1.23 -31.03 | 62.64 1.86 -39.43 | 65.64 1.82 -41.92 | 62.94 1.68 -43.62 | 59.11 1.66 -39.98 | 57.28 1.70 -37.71 | 55.18 1.65 -35.74 | 53.00 1.65 -33.55 | 52.95 1.69 -33.08 | 51.86 1.69 -32.02 | 53.59 1.66 -33.89 | 74.13 1.63 -54.72 | 87.35 1.97 -63.91 | 76.07 1.91 -53.34 | 70.60 1.97 -47.47 | 65.72 1.98 -41.94 | 53.89 2.01 -29.82 | 55.90 1.94 -32.44 | 55.28 1.55 -34.88 |
| ALCOA_RYNLDS___DRP 24188 | 11.47 -0.48 0.74 | 11.45 -0.44 0.68 | 10.90 -0.41 0.74 | 11.22 -0.42 0.69 | 11.53 -0.52 0.66 | 13.64 -0.66 0.65 | 19.13 -0.90 1.32 | 20.11 -0.92 0.88 | 18.31 -0.81 -1.48 | 18.54 -0.73 -1.80 | 18.32 -0.75 -1.20 | 18.44 -0.73 -1.39 | 18.46 -0.71 -1.38 | 18.19 -0.78 -0.79 | 18.22 -0.78 -0.85 | 18.27 -0.74 -0.97 | 18.30 -0.53 -1.07 | 22.24 -0.58 -1.36 | 22.98 -0.56 -2.72 | 22.81 -0.57 -2.22 | 22.35 -0.57 -1.13 | 22.28 -0.64 -0.86 | 20.34 -0.58 0.60 | 17.85 -0.36 0.64 |
| ALCOA___DSASP 323711 | 11.47 -0.48 0.74 | 11.45 -0.44 0.68 | 10.90 -0.41 0.74 | 11.22 -0.42 0.69 | 11.53 -0.52 0.66 | 13.64 -0.66 0.65 | 19.13 -0.90 1.32 | 20.11 -0.92 0.88 | 18.31 -0.81 -1.48 | 18.54 -0.73 -1.80 | 18.32 -0.75 -1.20 | 18.44 -0.73 -1.39 | 18.46 -0.71 -1.38 | 18.19 -0.78 -0.79 | 18.22 -0.78 -0.85 | 18.27 -0.74 -0.97 | 18.30 -0.53 -1.07 | 22.24 -0.58 -1.36 | 22.98 -0.56 -2.72 | 22.81 -0.57 -2.22 | 22.35 -0.57 -1.13 | 22.28 -0.64 -0.86 | 20.34 -0.58 0.60 | 17.85 -0.36 0.64 |
| ALLEGHENY___COGEN 23514 | 16.63 0.61 -3.33 | 16.05 0.47 -3.03 | 15.74 0.40 -3.29 | 15.82 0.42 -3.07 | 16.27 0.62 -2.94 | 18.86 1.00 -2.91 | 26.42 1.37 -3.70 | 26.91 1.07 -3.93 | 30.06 0.56 -11.85 | 30.28 0.51 -12.30 | 28.38 0.52 -10.00 | 28.51 0.46 -10.27 | 28.16 0.46 -9.91 | 26.60 0.53 -7.90 | 26.59 0.51 -7.92 | 27.07 0.47 -8.56 | 30.77 0.43 -12.57 | 37.24 0.69 -15.09 | 39.93 0.62 -18.48 | 37.42 0.57 -15.69 | 32.98 0.41 -10.78 | 30.24 0.31 -7.87 | 24.81 0.39 -2.91 | 22.68 0.70 -3.13 |
| ALTONA_WT_PWR 323606 | 11.31 -0.67 0.71 | 11.28 -0.64 0.65 | 10.73 -0.61 0.70 | 11.03 -0.64 0.66 | 11.31 -0.76 0.63 | 13.36 -0.96 0.62 | 18.76 -1.32 1.26 | 19.77 -1.29 0.84 | 18.35 -1.13 -1.84 | 18.59 -1.07 -2.19 | 18.30 -1.07 -1.50 | 18.47 -1.01 -1.70 | 18.51 -0.98 -1.69 | 18.16 -1.04 -1.01 | 18.20 -1.03 -1.08 | 18.33 -0.94 -1.23 | 18.54 -0.68 -1.45 | 22.51 -0.77 -1.82 | 23.41 -0.77 -3.36 | 23.13 -0.78 -2.75 | 22.56 -0.70 -1.47 | 22.42 -0.75 -1.11 | 20.33 -0.62 0.57 | 17.81 -0.43 0.61 |
| AMERICAN_REF_FUEL 24010 | 15.92 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.05 0.02 -2.70 | 15.46 0.16 -2.59 | 18.04 0.54 -2.56 | 25.12 0.51 -3.26 | 25.04 -0.33 -3.46 | 28.51 -0.57 -11.44 | 28.77 -0.63 -11.93 | 26.84 -0.66 -9.64 | 26.97 -0.75 -9.94 | 26.68 -0.71 -9.60 | 25.02 -0.73 -7.57 | 25.02 -0.75 -7.61 | 25.51 -0.78 -8.24 | 28.92 -0.87 -12.02 | 34.82 -1.09 -14.45 | 37.66 -1.17 -18.01 | 35.19 -1.23 -15.26 | 30.74 -1.42 -10.37 | 28.17 -1.48 -7.58 | 23.00 -1.05 -2.53 | 21.37 -0.21 -2.72 |
| ARTHUR_KILL_GT_1 23520 | 37.03 1.28 -23.05 | 34.78 1.28 -20.94 | 36.05 1.22 -22.79 | 34.78 1.22 -21.24 | 34.30 1.25 -20.35 | 36.49 1.40 -20.14 | 48.99 2.05 -25.59 | 51.61 2.52 -27.19 | 51.54 2.22 -31.68 | 49.36 2.24 -29.65 | 47.41 2.27 -27.28 | 46.25 2.28 -26.20 | 44.76 2.26 -24.71 | 44.07 2.35 -23.54 | 43.41 2.34 -22.91 | 44.74 2.36 -24.34 | 58.83 2.26 -38.81 | 64.55 2.53 -40.55 | 63.87 2.52 -40.53 | 59.50 2.60 -35.74 | 54.73 2.70 -30.24 | 46.47 2.82 -21.59 | 44.99 2.43 -21.05 | 43.27 1.79 -22.63 |
| ARTHUR_KILL_2 23512 | 37.03 1.28 -23.05 | 34.78 1.28 -20.94 | 36.05 1.22 -22.79 | 34.78 1.22 -21.24 | 34.30 1.25 -20.35 | 36.49 1.40 -20.14 | 48.99 2.05 -25.59 | 51.61 2.52 -27.19 | 51.54 2.22 -31.68 | 49.36 2.24 -29.65 | 47.41 2.27 -27.28 | 46.25 2.28 -26.20 | 44.76 2.26 -24.71 | 44.07 2.35 -23.54 | 43.41 2.34 -22.91 | 44.74 2.36 -24.34 | 58.83 2.26 -38.81 | 64.55 2.53 -40.55 | 63.87 2.52 -40.53 | 59.50 2.60 -35.74 | 54.73 2.70 -30.24 | 46.47 2.82 -21.59 | 44.99 2.43 -21.05 | 43.27 1.79 -22.63 |
| ARTHUR_KILL_3 23513 | 36.95 1.22 -23.04 | 34.72 1.23 -20.93 | 35.98 1.16 -22.78 | 34.73 1.17 -21.23 | 34.22 1.18 -20.34 | 36.48 1.40 -20.14 | 49.10 2.16 -25.59 | 51.64 2.54 -27.20 | 51.56 2.24 -31.68 | 49.39 2.25 -29.66 | 47.42 2.27 -27.28 | 46.26 2.28 -26.21 | 44.79 2.28 -24.72 | 44.08 2.35 -23.55 | 43.42 2.34 -22.92 | 44.75 2.36 -24.34 | 58.84 2.26 -38.82 | 64.56 2.53 -40.56 | 63.85 2.50 -40.54 | 59.51 2.60 -35.75 | 54.70 2.66 -30.25 | 46.43 2.78 -21.59 | 44.88 2.32 -21.04 | 43.13 1.66 -22.62 |
| ASHOKAN____ 23654 | 39.41 1.17 -25.55 | 37.02 1.26 -23.20 | 38.51 1.20 -25.26 | 37.18 1.32 -23.54 | 36.50 1.25 -22.55 | 38.62 1.35 -22.33 | 51.69 1.96 -28.38 | 54.10 2.04 -30.16 | 53.59 1.87 -34.08 | 51.02 1.82 -31.73 | 49.10 1.86 -29.38 | 47.77 1.87 -28.12 | 46.06 1.78 -26.49 | 45.55 1.91 -25.46 | 44.74 1.83 -24.75 | 46.22 1.91 -26.26 | 61.70 1.92 -42.01 | 73.20 2.53 -49.21 | 66.43 2.50 -43.11 | 61.69 2.43 -38.10 | 56.79 2.40 -32.60 | 47.84 2.54 -23.25 | 47.04 2.20 -23.33 | 45.78 1.85 -25.08 |
| ASTORIA_EAST_ENERGY_CC1 323581 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.10 2.16 -25.59 | 51.73 2.63 -27.20 | 51.61 2.28 -31.69 | 49.43 2.31 -29.65 | 47.46 2.32 -27.28 | 46.31 2.33 -26.20 | 44.83 2.31 -24.72 | 44.12 2.40 -23.54 | 43.48 2.40 -22.93 | 44.80 2.40 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.53 2.62 -35.75 | 54.83 2.79 -30.25 | 46.53 2.87 -21.60 | 45.04 2.47 -21.05 | 43.38 1.90 -22.63 |
| ASTORIA_EAST_ENERGY_CC2 323582 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.10 2.16 -25.59 | 51.73 2.63 -27.20 | 51.61 2.28 -31.69 | 49.43 2.31 -29.65 | 47.46 2.32 -27.28 | 46.31 2.33 -26.20 | 44.83 2.31 -24.72 | 44.12 2.40 -23.54 | 43.48 2.40 -22.93 | 44.80 2.40 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.53 2.62 -35.75 | 54.83 2.79 -30.25 | 46.53 2.87 -21.60 | 45.04 2.47 -21.05 | 43.38 1.90 -22.63 |
| ASTORIA_GT2_1 24094 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT2_2 24095 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT2_3 24096 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT2_4 24097 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT3_1 24098 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT3_2 24099 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT3_3 24100 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT3_4 24101 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT4_1 24102 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT4_2 24103 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT4_3 24104 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT4_4 24105 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_1 23523 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_10 24110 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_11 24225 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_12 24226 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_13 24227 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_5 24106 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |

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|----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT_7 24107 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA_GT_8 24108 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA___2 24149 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA___3 23516 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA___4 23517 | 37.18 1.43 -23.05 | 34.95 1.46 -20.94 | 36.22 1.38 -22.79 | 34.97 1.40 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.12 2.18 -25.59 | 51.73 2.63 -27.20 | 51.62 2.29 -31.69 | 49.43 2.31 -29.65 | 47.48 2.34 -27.28 | 46.31 2.33 -26.20 | 44.85 2.33 -24.72 | 44.14 2.42 -23.54 | 43.50 2.42 -22.93 | 44.81 2.42 -24.35 | 58.93 2.35 -38.82 | 69.55 2.57 -45.51 | 63.92 2.56 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.53 2.87 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| ASTORIA___5 23518 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| AST_ENERGY_2_CC3 323677 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.18 2.24 -25.59 | 51.75 2.65 -27.20 | 51.61 2.29 -31.68 | 49.44 2.31 -29.66 | 47.47 2.32 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.89 2.31 -38.82 | 69.61 2.64 -45.51 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.76 2.72 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| AST_ENERGY_2_CC4 323678 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.18 2.24 -25.59 | 51.75 2.65 -27.20 | 51.61 2.29 -31.68 | 49.44 2.31 -29.66 | 47.47 2.32 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.89 2.31 -38.82 | 69.61 2.64 -45.51 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.76 2.72 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| ATHENS_STG_1 23668 | 38.97 0.90 -25.38 | 36.53 0.92 -23.05 | 38.02 0.89 -25.09 | 36.62 0.91 -23.38 | 36.06 0.95 -22.40 | 38.20 1.08 -22.18 | 51.11 1.58 -28.18 | 53.52 1.66 -29.96 | 53.10 1.50 -33.96 | 50.62 1.50 -31.64 | 48.66 1.52 -29.27 | 47.32 1.51 -28.03 | 45.71 1.51 -26.41 | 45.10 1.56 -25.36 | 44.37 1.56 -24.65 | 45.77 1.57 -26.16 | 61.08 1.47 -41.83 | 72.18 1.72 -49.00 | 65.49 1.67 -43.01 | 60.90 1.74 -38.01 | 56.07 1.81 -32.48 | 47.08 1.85 -23.16 | 46.28 1.59 -23.17 | 44.97 1.21 -24.91 |
| ATHENS_STG_2 23670 | 38.97 0.90 -25.38 | 36.53 0.92 -23.05 | 38.02 0.89 -25.09 | 36.62 0.91 -23.38 | 36.06 0.95 -22.40 | 38.20 1.08 -22.18 | 51.11 1.58 -28.18 | 53.52 1.66 -29.96 | 53.10 1.50 -33.96 | 50.62 1.50 -31.64 | 48.66 1.52 -29.27 | 47.32 1.51 -28.03 | 45.71 1.51 -26.41 | 45.10 1.56 -25.36 | 44.37 1.56 -24.65 | 45.77 1.57 -26.16 | 61.08 1.47 -41.83 | 72.18 1.72 -49.00 | 65.49 1.67 -43.01 | 60.90 1.74 -38.01 | 56.07 1.81 -32.48 | 47.08 1.85 -23.16 | 46.28 1.59 -23.17 | 44.97 1.21 -24.91 |
| ATHENS_STG_3 23677 | 38.97 0.90 -25.38 | 36.53 0.92 -23.05 | 38.02 0.89 -25.09 | 36.62 0.91 -23.38 | 36.06 0.95 -22.40 | 38.20 1.08 -22.18 | 51.11 1.58 -28.18 | 53.52 1.66 -29.96 | 53.10 1.50 -33.96 | 50.62 1.50 -31.64 | 48.66 1.52 -29.27 | 47.32 1.51 -28.03 | 45.71 1.51 -26.41 | 45.10 1.56 -25.36 | 44.37 1.56 -24.65 | 45.77 1.57 -26.16 | 61.08 1.47 -41.83 | 72.18 1.72 -49.00 | 65.49 1.67 -43.01 | 60.90 1.74 -38.01 | 56.07 1.81 -32.48 | 47.08 1.85 -23.16 | 46.28 1.59 -23.17 | 44.97 1.21 -24.91 |
| AUBURN___LFGE 323710 | 15.78 0.61 -2.48 | 15.29 0.48 -2.25 | 14.90 0.41 -2.45 | 15.06 0.46 -2.28 | 15.48 0.58 -2.19 | 17.94 0.84 -2.16 | 25.32 1.22 -2.75 | 26.01 1.18 -2.92 | 29.28 0.78 -10.87 | 29.67 0.79 -11.41 | 27.80 0.79 -9.15 | 28.04 0.78 -9.47 | 27.70 0.75 -9.16 | 26.09 0.76 -7.14 | 26.10 0.74 -7.20 | 26.56 0.74 -7.78 | 29.76 0.73 -11.26 | 36.06 1.03 -13.56 | 39.08 1.00 -17.26 | 36.73 0.97 -14.60 | 32.47 0.89 -9.79 | 30.05 0.82 -7.17 | 24.36 0.75 -2.09 | 21.91 0.81 -2.24 |
| BABYLON_RES_REC 323704 | 37.07 1.33 -23.05 | 34.91 1.42 -20.93 | 36.18 1.35 -22.78 | 34.86 1.31 -21.23 | 34.30 1.26 -20.34 | 36.89 1.81 -20.14 | 50.31 3.08 -25.88 | 52.77 3.31 -27.56 | 52.82 2.88 -32.30 | 50.25 2.83 -29.95 | 48.83 2.86 -28.10 | 47.46 2.86 -26.81 | 46.67 2.88 -25.99 | 45.34 2.96 -24.20 | 45.03 3.00 -23.87 | 47.43 3.00 -26.39 | 59.33 2.74 -38.83 | 75.15 3.16 -50.53 | 69.61 3.06 -45.73 | 60.10 3.17 -35.77 | 57.28 3.25 -32.24 | 49.61 3.60 -23.95 | 46.23 3.12 -21.59 | 44.79 2.47 -23.47 |
| BARRETT_IC_1 23704 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_10 23701 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.65 | 55.91 3.02 -30.99 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.77 3.18 -34.53 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |

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|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_11 23702 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.65 | 55.91 3.02 -30.99 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.77 3.18 -34.53 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_12 23703 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.65 | 55.91 3.02 -30.99 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.77 3.18 -34.53 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_2 23705 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_3 23706 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_4 23707 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_5 23708 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_6 23709 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_7 23710 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_8 23711 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT_IC_9 23700 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.65 | 55.91 3.02 -30.99 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.77 3.18 -34.53 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT__1 23545 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.64 | 55.91 3.02 -30.98 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.76 3.18 -34.52 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BARRETT__2 23546 | 37.11 1.30 -23.12 | 34.84 1.34 -20.94 | 36.12 1.29 -22.79 | 34.82 1.26 -21.24 | 34.27 1.22 -20.35 | 36.84 1.69 -20.21 | 52.75 2.76 -28.65 | 55.91 3.02 -30.99 | 55.91 2.59 -35.68 | 52.75 2.62 -32.66 | 56.28 2.61 -35.81 | 52.93 2.61 -32.54 | 56.28 2.60 -35.89 | 51.16 2.71 -30.27 | 52.19 2.71 -31.33 | 56.28 2.69 -35.55 | 59.17 2.58 -38.83 | 75.07 3.00 -50.60 | 72.28 2.89 -48.57 | 59.99 3.07 -35.77 | 57.62 3.07 -32.76 | 59.77 3.18 -34.53 | 51.16 2.82 -26.83 | 48.27 2.19 -27.23 |
| BAYONEEC__CTG1 323682 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC__CTG2 323683 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC__CTG3 323684 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| BAYONEEC___CTG4 323685 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC___CTG5 323686 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC___CTG6 323687 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC___CTG7 323688 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BAYONEEC___CTG8 323689 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.76 1.21 -21.23 | 34.28 1.23 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.73 2.63 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 64.66 2.64 -40.56 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BEACON___LESR 323632 | 48.21 1.04 -34.48 | 44.88 1.01 -31.31 | 47.08 0.95 -34.08 | 45.06 0.97 -31.76 | 44.15 1.02 -30.43 | 46.31 1.24 -30.13 | 61.53 1.90 -38.29 | 64.48 1.88 -40.70 | 62.01 1.73 -42.65 | 58.32 1.71 -39.14 | 56.48 1.75 -36.86 | 54.47 1.72 -34.97 | 52.33 1.71 -32.83 | 52.24 1.76 -32.30 | 51.19 1.76 -31.27 | 52.88 1.73 -33.11 | 72.89 2.08 -53.42 | 85.95 2.08 -62.40 | 75.14 2.02 -52.30 | 69.73 2.05 -46.52 | 64.85 2.07 -40.99 | 53.32 2.12 -29.14 | 55.04 2.02 -31.50 | 54.34 1.62 -33.86 |
| BEAVER RIVER___HYD 24048 | 12.21 -0.48 0.00 | 12.01 -0.55 0.00 | 11.46 -0.59 0.00 | 11.73 -0.59 0.00 | 12.13 -0.57 0.00 | 14.20 -0.75 0.00 | 19.96 -1.30 0.09 | 21.14 -0.77 0.00 | 24.93 -0.69 -7.97 | 25.43 -0.82 -8.78 | 23.90 -0.61 -6.64 | 24.38 -0.52 -7.11 | 24.30 -0.44 -6.95 | 22.54 -0.56 -4.93 | 22.69 -0.53 -5.06 | 23.05 -0.58 -5.58 | 25.20 -0.37 -7.81 | 30.37 -0.62 -9.53 | 33.98 -0.79 -13.95 | 31.85 -0.95 -11.64 | 28.24 -0.70 -7.15 | 26.69 -0.66 -5.29 | 21.11 -0.41 0.00 | 18.12 -0.74 0.00 |
| BEEBEE_GT_13 23619 | 15.21 0.24 -2.28 | 14.76 0.13 -2.07 | 14.37 0.07 -2.26 | 14.50 0.07 -2.10 | 14.96 0.24 -2.01 | 17.40 0.46 -1.99 | 24.44 0.55 -2.53 | 24.84 0.24 -2.69 | 28.32 -0.07 -10.75 | 28.69 -0.10 -11.32 | 26.80 -0.11 -9.04 | 27.02 -0.14 -9.38 | 26.78 -0.09 -9.08 | 25.18 -0.04 -7.03 | 25.22 -0.04 -7.09 | 25.65 -0.11 -7.71 | 28.79 -0.18 -11.20 | 34.83 -0.13 -13.49 | 37.96 -0.14 -17.28 | 35.55 -0.21 -14.60 | 31.22 -0.33 -9.75 | 28.83 -0.38 -7.15 | 23.31 -0.19 -1.99 | 21.14 0.15 -2.14 |
| BETHLEHEM___GRP 23843 | 48.42 0.95 -34.77 | 45.07 0.93 -31.58 | 47.30 0.88 -34.37 | 45.26 0.90 -32.03 | 44.34 0.94 -30.69 | 46.48 1.15 -30.39 | 61.69 1.73 -38.61 | 64.61 1.66 -41.05 | 62.10 1.53 -42.93 | 58.38 1.52 -39.38 | 56.53 1.55 -37.11 | 54.50 1.53 -35.19 | 52.37 1.53 -33.04 | 52.27 1.56 -32.52 | 51.21 1.56 -31.49 | 52.93 1.55 -33.34 | 73.08 1.51 -53.80 | 86.13 1.82 -62.84 | 75.19 1.77 -52.61 | 69.75 1.80 -46.80 | 64.89 1.83 -41.26 | 53.26 1.85 -29.34 | 55.09 1.81 -31.77 | 54.46 1.45 -34.15 |
| BETHLEHEM___GS1 323560 | 48.42 0.95 -34.77 | 45.07 0.93 -31.58 | 47.30 0.88 -34.37 | 45.26 0.90 -32.03 | 44.34 0.94 -30.69 | 46.48 1.15 -30.39 | 61.69 1.73 -38.61 | 64.61 1.66 -41.05 | 62.10 1.53 -42.93 | 58.38 1.52 -39.38 | 56.53 1.55 -37.11 | 54.50 1.53 -35.19 | 52.37 1.53 -33.04 | 52.27 1.56 -32.52 | 51.21 1.56 -31.49 | 52.93 1.55 -33.34 | 73.08 1.51 -53.80 | 86.13 1.82 -62.84 | 75.19 1.77 -52.61 | 69.75 1.80 -46.80 | 64.89 1.83 -41.26 | 53.26 1.85 -29.34 | 55.09 1.81 -31.77 | 54.46 1.45 -34.15 |
| BETHLEHEM___GS2 323561 | 48.42 0.95 -34.77 | 45.07 0.93 -31.58 | 47.30 0.88 -34.37 | 45.26 0.90 -32.03 | 44.34 0.94 -30.69 | 46.48 1.15 -30.39 | 61.69 1.73 -38.61 | 64.61 1.66 -41.05 | 62.10 1.53 -42.93 | 58.38 1.52 -39.38 | 56.53 1.55 -37.11 | 54.50 1.53 -35.19 | 52.37 1.53 -33.04 | 52.27 1.56 -32.52 | 51.21 1.56 -31.49 | 52.93 1.55 -33.34 | 73.08 1.51 -53.80 | 86.13 1.82 -62.84 | 75.19 1.77 -52.61 | 69.75 1.80 -46.80 | 64.89 1.83 -41.26 | 53.26 1.85 -29.34 | 55.09 1.81 -31.77 | 54.46 1.45 -34.15 |
| BETHLEHEM___GS3 323562 | 48.42 0.95 -34.77 | 45.07 0.93 -31.58 | 47.30 0.88 -34.37 | 45.26 0.90 -32.03 | 44.34 0.94 -30.69 | 46.48 1.15 -30.39 | 61.69 1.73 -38.61 | 64.61 1.66 -41.05 | 62.10 1.53 -42.93 | 58.38 1.52 -39.38 | 56.53 1.55 -37.11 | 54.50 1.53 -35.19 | 52.37 1.53 -33.04 | 52.27 1.56 -32.52 | 51.21 1.56 -31.49 | 52.93 1.55 -33.34 | 73.08 1.51 -53.80 | 86.13 1.82 -62.84 | 75.19 1.77 -52.61 | 69.75 1.80 -46.80 | 64.89 1.83 -41.26 | 53.26 1.85 -29.34 | 55.09 1.81 -31.77 | 54.46 1.45 -34.15 |
| BETHLEHEM___STEEL 23779 | 16.55 0.67 -3.19 | 15.95 0.49 -2.90 | 15.63 0.43 -3.15 | 15.65 0.38 -2.94 | 16.05 0.53 -2.81 | 18.75 1.02 -2.79 | 26.26 1.37 -3.54 | 26.50 0.83 -3.76 | 29.74 0.39 -11.71 | 29.96 0.31 -12.17 | 28.04 0.30 -9.87 | 28.15 0.21 -10.16 | 27.81 0.21 -9.80 | 26.16 0.20 -7.78 | 26.14 0.16 -7.81 | 26.64 0.14 -8.45 | 30.14 0.07 -12.30 | 36.35 0.11 -14.78 | 39.03 -0.04 -18.26 | 36.58 -0.06 -15.48 | 32.05 -0.33 -10.58 | 29.40 -0.40 -7.73 | 24.13 -0.11 -2.72 | 22.23 0.45 -2.93 |
| BETHPAGE_CC_5 323564 | 37.07 1.33 -23.05 | 34.90 1.41 -20.93 | 36.16 1.34 -22.78 | 34.85 1.29 -21.23 | 34.30 1.26 -20.34 | 36.88 1.79 -20.14 | 50.25 2.97 -25.94 | 52.69 3.15 -27.63 | 52.72 2.72 -32.37 | 50.18 2.71 -30.00 | 48.85 2.73 -28.25 | 47.46 2.76 -26.92 | 46.73 2.76 -26.18 | 45.33 2.84 -24.31 | 45.02 2.85 -24.01 | 47.44 2.83 -26.56 | 59.30 2.70 -38.83 | 75.13 3.13 -50.53 | 69.63 3.04 -45.77 | 60.10 3.17 -35.77 | 57.25 3.20 -32.25 | 49.61 3.40 -24.15 | 46.16 2.95 -21.69 | 44.75 2.36 -23.54 |
| BIGTREE_115_KV_TB2_REV_LBMP_A 345034 | 16.61 0.74 -3.19 | 16.01 0.55 -2.89 | 15.69 0.49 -3.15 | 15.70 0.44 -2.93 | 16.11 0.60 -2.81 | 18.85 1.12 -2.78 | 26.40 1.52 -3.54 | 26.67 1.01 -3.76 | 29.87 0.53 -11.70 | 30.09 0.45 -12.17 | 28.16 0.43 -9.87 | 28.29 0.36 -10.15 | 27.93 0.34 -9.80 | 26.29 0.33 -7.78 | 26.26 0.29 -7.81 | 26.78 0.29 -8.45 | 30.28 0.21 -12.30 | 36.52 0.28 -14.77 | 39.20 0.13 -18.25 | 36.72 0.08 -15.48 | 32.22 -0.15 -10.58 | 29.53 -0.26 -7.73 | 24.26 0.02 -2.72 | 22.34 0.57 -2.92 |

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|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BINGHAMTON___COGEN 23790 | 19.56 0.52 -6.35 | 18.79 0.47 -5.77 | 18.76 0.43 -6.28 | 18.62 0.44 -5.85 | 18.83 0.52 -5.60 | 21.16 0.67 -5.55 | 29.36 0.96 -7.05 | 30.27 0.88 -7.50 | 33.29 0.60 -15.05 | 33.20 0.59 -15.14 | 31.24 0.59 -12.78 | 31.21 0.57 -12.86 | 30.66 0.55 -12.32 | 29.14 0.56 -10.39 | 29.03 0.54 -10.32 | 29.66 0.56 -11.06 | 35.08 0.50 -16.81 | 42.14 0.67 -20.01 | 43.68 0.65 -22.21 | 40.87 0.66 -19.06 | 36.38 0.63 -13.96 | 32.79 0.62 -10.12 | 27.75 0.52 -5.72 | 25.56 0.57 -6.15 |
| BLACK RIVER___HYD 24047 | 12.30 -0.39 0.00 | 12.09 -0.48 0.00 | 11.53 -0.52 0.00 | 11.81 -0.52 0.00 | 12.26 -0.45 0.00 | 14.39 -0.55 0.00 | 20.41 -0.88 0.06 | 21.46 -0.44 0.00 | 25.27 -0.42 -8.05 | 25.85 -0.49 -8.87 | 24.21 -0.36 -6.71 | 24.66 -0.30 -7.18 | 24.52 -0.29 -7.02 | 22.76 -0.40 -4.97 | 22.92 -0.35 -5.11 | 23.28 -0.40 -5.64 | 25.51 -0.16 -7.90 | 30.89 -0.21 -9.64 | 34.62 -0.31 -14.12 | 32.47 -0.47 -11.78 | 28.72 -0.31 -7.23 | 27.04 -0.38 -5.36 | 21.26 -0.26 0.00 | 18.34 -0.51 0.00 |
| BLISS_WT_PWR 323608 | 17.10 0.86 -3.55 | 16.48 0.69 -3.22 | 16.17 0.61 -3.51 | 16.19 0.59 -3.27 | 16.59 0.75 -3.13 | 19.31 1.27 -3.10 | 27.08 1.79 -3.94 | 27.47 1.38 -4.19 | 30.54 0.81 -12.09 | 30.71 0.73 -12.50 | 28.76 0.70 -10.20 | 28.85 0.60 -10.46 | 28.45 0.57 -10.09 | 26.82 0.56 -8.08 | 26.76 0.51 -8.10 | 27.29 0.50 -8.75 | 31.05 0.39 -12.89 | 37.54 0.62 -15.45 | 40.06 0.48 -18.77 | 37.59 0.49 -15.94 | 33.05 0.24 -11.02 | 30.28 0.18 -8.04 | 24.89 0.26 -3.11 | 22.90 0.70 -3.35 |
| BLUE_CIRC_CHEM_DRP 24182 | 47.98 0.80 -34.49 | 44.68 0.79 -31.32 | 46.88 0.75 -34.09 | 44.86 0.76 -31.77 | 43.95 0.80 -30.44 | 46.05 0.97 -30.14 | 61.10 1.45 -38.30 | 64.02 1.40 -40.71 | 61.63 1.32 -42.66 | 57.94 1.31 -39.15 | 56.08 1.34 -36.87 | 54.07 1.32 -34.98 | 51.95 1.32 -32.85 | 51.83 1.35 -32.31 | 50.79 1.34 -31.28 | 52.50 1.34 -33.12 | 72.51 1.30 -53.44 | 85.46 1.57 -62.42 | 74.66 1.52 -52.32 | 69.24 1.54 -46.54 | 64.38 1.59 -41.00 | 52.83 1.61 -29.16 | 54.55 1.53 -31.51 | 54.10 1.38 -33.87 |
| BOC_GAS_DRP 24189 | 48.56 0.85 -35.02 | 45.20 0.84 -31.80 | 47.45 0.79 -34.61 | 45.40 0.81 -32.26 | 44.47 0.86 -30.90 | 46.57 1.03 -30.60 | 61.75 1.52 -38.88 | 64.72 1.49 -41.33 | 62.18 1.38 -43.17 | 58.43 1.36 -39.59 | 56.58 1.39 -37.32 | 54.53 1.37 -35.38 | 52.38 1.37 -33.22 | 52.29 1.40 -32.71 | 51.22 1.40 -31.67 | 52.96 1.39 -33.53 | 73.23 1.35 -54.11 | 86.28 1.61 -63.20 | 75.25 1.56 -52.87 | 69.80 1.61 -47.04 | 64.92 1.64 -41.50 | 53.24 1.68 -29.50 | 55.10 1.59 -31.99 | 54.54 1.30 -34.39 |
| BORALEX_4TH_BRANCH 23824 | 48.80 1.08 -35.03 | 45.37 0.99 -31.81 | 47.61 0.94 -34.62 | 45.56 0.96 -32.27 | 44.66 1.04 -30.92 | 46.87 1.32 -30.61 | 62.32 2.07 -38.90 | 65.23 1.97 -41.35 | 62.60 1.80 -43.16 | 58.80 1.75 -39.58 | 56.98 1.80 -37.31 | 54.95 1.79 -35.38 | 52.80 1.80 -33.21 | 52.71 1.82 -32.71 | 51.64 1.82 -31.67 | 53.37 1.80 -33.52 | 73.64 1.76 -54.11 | 86.90 2.23 -63.20 | 75.79 2.12 -52.84 | 70.31 2.14 -47.02 | 65.46 2.18 -41.49 | 53.75 2.18 -29.50 | 55.57 2.05 -32.01 | 54.81 1.55 -34.41 |
| BOWLINE___1 23526 | 36.20 1.14 -22.36 | 34.02 1.16 -20.31 | 35.24 1.10 -22.10 | 34.05 1.12 -20.60 | 33.58 1.14 -19.74 | 35.83 1.35 -19.54 | 48.19 2.01 -24.83 | 50.55 2.26 -26.39 | 50.64 1.98 -31.02 | 48.55 1.99 -29.09 | 46.57 2.00 -26.71 | 45.46 2.01 -25.68 | 44.03 2.01 -24.22 | 43.28 2.07 -23.02 | 42.64 2.07 -22.41 | 43.95 2.09 -23.81 | 57.68 1.97 -37.94 | 68.27 2.32 -44.49 | 62.89 2.25 -39.82 | 58.58 2.33 -35.10 | 53.77 2.38 -29.60 | 45.69 2.49 -21.14 | 44.04 2.11 -20.41 | 42.38 1.58 -21.95 |
| BOWLINE___2 23595 | 36.21 1.15 -22.36 | 34.04 1.17 -20.31 | 35.26 1.11 -22.10 | 34.05 1.12 -20.60 | 33.59 1.14 -19.74 | 35.85 1.36 -19.54 | 48.22 2.03 -24.84 | 50.58 2.28 -26.40 | 50.67 2.01 -31.02 | 48.57 2.01 -29.09 | 46.59 2.02 -26.71 | 45.48 2.03 -25.68 | 44.05 2.03 -24.23 | 43.30 2.09 -23.02 | 42.66 2.09 -22.42 | 43.97 2.11 -23.82 | 57.72 2.01 -37.94 | 68.32 2.36 -44.49 | 62.93 2.29 -39.83 | 58.62 2.37 -35.10 | 53.81 2.42 -29.60 | 45.71 2.51 -21.14 | 44.06 2.13 -20.42 | 42.40 1.60 -21.95 |
| BROOKHAVEN___DRP 24191 | 36.94 1.21 -23.04 | 34.96 1.47 -20.93 | 36.25 1.42 -22.78 | 34.88 1.32 -21.23 | 34.27 1.22 -20.34 | 36.86 1.78 -20.14 | 50.24 3.18 -25.71 | 52.47 3.22 -27.34 | 52.71 2.98 -32.09 | 49.97 2.72 -29.77 | 48.23 2.75 -27.61 | 47.12 2.90 -26.45 | 46.03 2.88 -25.36 | 44.97 2.98 -23.80 | 44.58 3.03 -23.39 | 46.93 3.08 -25.80 | 59.83 3.23 -38.83 | 75.64 3.65 -50.53 | 69.95 3.56 -45.57 | 60.59 3.66 -35.77 | 57.82 3.81 -32.21 | 48.91 3.57 -23.27 | 45.98 3.21 -21.26 | 44.78 2.70 -23.23 |
| BROOKLYN_NAVY_YARD 23515 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.75 1.20 -21.23 | 34.26 1.22 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 69.63 2.66 -45.51 | 63.96 2.60 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| BROOKLYN___ARMY_DRP 323595 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| BROOME_2_LFGE 323671 | 19.56 0.52 -6.35 | 18.79 0.47 -5.77 | 18.76 0.43 -6.28 | 18.62 0.44 -5.85 | 18.83 0.52 -5.60 | 21.16 0.67 -5.55 | 29.36 0.96 -7.05 | 30.27 0.88 -7.50 | 33.29 0.60 -15.05 | 33.20 0.59 -15.14 | 31.24 0.59 -12.78 | 31.21 0.57 -12.86 | 30.66 0.55 -12.32 | 29.14 0.56 -10.39 | 29.03 0.54 -10.32 | 29.66 0.56 -11.06 | 35.08 0.50 -16.81 | 42.14 0.67 -20.01 | 43.68 0.65 -22.21 | 40.87 0.66 -19.06 | 36.38 0.63 -13.96 | 32.79 0.62 -10.12 | 27.75 0.52 -5.72 | 25.56 0.57 -6.15 |
| BROOME___LFGE 323600 | 19.56 0.52 -6.35 | 18.79 0.47 -5.77 | 18.76 0.43 -6.28 | 18.62 0.44 -5.85 | 18.83 0.52 -5.60 | 21.16 0.67 -5.55 | 29.36 0.96 -7.05 | 30.27 0.88 -7.50 | 33.29 0.60 -15.05 | 33.20 0.59 -15.14 | 31.24 0.59 -12.78 | 31.21 0.57 -12.86 | 30.66 0.55 -12.32 | 29.14 0.56 -10.39 | 29.03 0.54 -10.32 | 29.66 0.56 -11.06 | 35.08 0.50 -16.81 | 42.14 0.67 -20.01 | 43.68 0.65 -22.21 | 40.87 0.66 -19.06 | 36.38 0.63 -13.96 | 32.79 0.62 -10.12 | 27.75 0.52 -5.72 | 25.56 0.57 -6.15 |
| BURROWS___LYONSDAL 23803 | 11.97 -0.13 0.60 | 11.83 -0.19 0.54 | 11.24 -0.22 0.59 | 11.55 -0.22 0.55 | 12.00 -0.18 0.53 | 14.20 -0.22 0.52 | 20.26 -0.38 0.71 | 21.09 -0.11 0.70 | 25.76 -0.12 -8.24 | 26.51 -0.17 -9.22 | 24.64 -0.07 -6.84 | 25.17 -0.02 -7.41 | 25.03 -0.02 -7.26 | 23.10 -0.07 -4.99 | 23.26 -0.05 -5.15 | 24.12 -0.09 -6.17 | 26.47 0.05 -8.65 | 32.05 0.02 -10.56 | 36.24 -0.04 -15.46 | 33.91 -0.15 -12.90 | 29.67 -0.04 -7.92 | 27.88 -0.04 -5.87 | 21.54 0.02 0.00 | 18.68 -0.17 0.00 |
| CAITHNESS_CC_1 323624 | 36.94 1.21 -23.04 | 34.95 1.46 -20.93 | 36.21 1.38 -22.78 | 34.86 1.31 -21.23 | 34.25 1.21 -20.34 | 36.86 1.78 -20.14 | 50.20 3.14 -25.71 | 52.47 3.22 -27.34 | 52.67 2.95 -32.09 | 49.99 2.74 -29.77 | 48.24 2.77 -27.61 | 47.10 2.88 -26.44 | 46.03 2.88 -25.35 | 44.97 2.98 -23.80 | 44.56 3.01 -23.39 | 46.89 3.05 -25.80 | 59.73 3.13 -38.83 | 75.56 3.56 -50.53 | 69.85 3.46 -45.57 | 60.50 3.58 -35.77 | 57.71 3.70 -32.21 | 48.91 3.57 -23.27 | 45.96 3.18 -21.26 | 44.72 2.64 -23.23 |

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|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CALPINE BETH_PAGE_GT4 24209 | 37.10 1.36 -23.05 | 34.91 1.42 -20.93 | 36.16 1.34 -22.78 | 34.87 1.31 -21.23 | 34.33 1.28 -20.34 | 36.88 1.79 -20.14 | 50.34 2.95 -26.04 | 52.81 3.15 -27.76 | 52.85 2.72 -32.49 | 50.28 2.71 -30.10 | 49.15 2.75 -28.54 | 47.65 2.74 -27.13 | 47.08 2.74 -26.55 | 45.53 2.82 -24.54 | 45.30 2.85 -24.29 | 47.76 2.81 -26.90 | 59.30 2.70 -38.83 | 75.14 3.13 -50.54 | 69.71 3.04 -45.86 | 60.10 3.17 -35.77 | 57.26 3.20 -32.27 | 49.98 3.38 -24.54 | 46.35 2.95 -21.89 | 44.85 2.32 -23.68 |
| CALPINE_BETH_PAGE_GT_4 323586 | 37.10 1.36 -23.05 | 34.91 1.42 -20.93 | 36.16 1.34 -22.78 | 34.87 1.31 -21.23 | 34.33 1.28 -20.34 | 36.88 1.79 -20.14 | 50.34 2.95 -26.04 | 52.81 3.15 -27.76 | 52.85 2.72 -32.49 | 50.28 2.71 -30.10 | 49.15 2.75 -28.54 | 47.65 2.74 -27.13 | 47.08 2.74 -26.55 | 45.53 2.82 -24.54 | 45.30 2.85 -24.29 | 47.76 2.81 -26.90 | 59.30 2.70 -38.83 | 75.14 3.13 -50.54 | 69.71 3.04 -45.86 | 60.10 3.17 -35.77 | 57.26 3.20 -32.27 | 49.98 3.38 -24.54 | 46.35 2.95 -21.89 | 44.85 2.32 -23.68 |
| CALPINE_BP_GT1 23823 | 37.10 1.36 -23.05 | 34.91 1.42 -20.93 | 36.16 1.34 -22.78 | 34.87 1.31 -21.23 | 34.33 1.28 -20.34 | 36.88 1.79 -20.14 | 50.34 2.95 -26.04 | 52.81 3.15 -27.76 | 52.85 2.72 -32.49 | 50.28 2.71 -30.10 | 49.15 2.75 -28.54 | 47.65 2.74 -27.13 | 47.08 2.74 -26.55 | 45.53 2.82 -24.54 | 45.30 2.85 -24.29 | 47.76 2.81 -26.90 | 59.30 2.70 -38.83 | 75.14 3.13 -50.54 | 69.71 3.04 -45.86 | 60.10 3.17 -35.77 | 57.26 3.20 -32.27 | 49.98 3.38 -24.54 | 46.35 2.95 -21.89 | 44.85 2.32 -23.68 |
| CALSPAN___DRP 24200 | 16.55 0.67 -3.19 | 15.95 0.49 -2.90 | 15.63 0.43 -3.15 | 15.65 0.38 -2.94 | 16.05 0.53 -2.81 | 18.75 1.02 -2.79 | 26.26 1.37 -3.54 | 26.50 0.83 -3.76 | 29.74 0.39 -11.71 | 29.96 0.31 -12.17 | 28.04 0.30 -9.87 | 28.15 0.21 -10.16 | 27.81 0.21 -9.80 | 26.16 0.20 -7.78 | 26.14 0.16 -7.81 | 26.64 0.14 -8.45 | 30.14 0.07 -12.30 | 36.35 0.11 -14.78 | 39.03 -0.04 -18.26 | 36.58 -0.06 -15.48 | 32.05 -0.33 -10.58 | 29.40 -0.40 -7.73 | 24.13 -0.11 -2.72 | 22.23 0.45 -2.93 |
| CANDIGU_WT_PWR 323617 | 17.63 0.65 -4.30 | 16.99 0.53 -3.90 | 16.76 0.47 -4.25 | 16.75 0.47 -3.96 | 17.09 0.60 -3.79 | 19.64 0.94 -3.75 | 27.45 1.32 -4.77 | 27.96 0.99 -5.07 | 31.04 0.53 -12.87 | 31.16 0.49 -13.20 | 29.21 0.46 -10.88 | 29.30 0.43 -11.10 | 28.86 0.39 -10.68 | 27.27 0.40 -8.69 | 27.21 0.36 -8.69 | 27.77 0.38 -9.34 | 31.98 0.32 -13.89 | 38.63 0.54 -16.62 | 40.92 0.46 -19.64 | 38.36 0.46 -16.74 | 33.87 0.30 -11.77 | 30.90 0.27 -8.57 | 25.58 0.28 -3.78 | 23.54 0.62 -4.07 |
| CARR STREET_E_SYR 24060 | 14.11 0.16 -1.25 | 13.81 0.11 -1.14 | 13.37 0.08 -1.24 | 13.58 0.10 -1.16 | 13.98 0.16 -1.11 | 16.29 0.25 -1.10 | 23.08 0.34 -1.39 | 23.62 0.24 -1.48 | 27.37 0.04 -9.69 | 27.90 0.04 -10.39 | 26.04 0.05 -8.12 | 26.35 0.04 -8.53 | 26.12 0.04 -8.29 | 24.42 0.04 -6.21 | 24.48 0.02 -6.30 | 25.03 0.00 -6.98 | 27.88 0.00 -10.11 | 33.72 0.02 -12.23 | 37.19 0.02 -16.35 | 34.91 0.00 -13.76 | 30.71 -0.02 -8.94 | 28.59 -0.04 -6.57 | 22.73 -0.04 -1.25 | 20.33 0.13 -1.35 |
| CARTHAGE___PAPER 23857 | 12.26 -0.43 0.00 | 12.05 -0.52 0.00 | 11.49 -0.55 0.00 | 11.77 -0.55 0.00 | 12.21 -0.50 0.00 | 14.32 -0.63 0.00 | 20.24 -1.05 0.07 | 21.33 -0.57 0.00 | 25.14 -0.53 -8.03 | 25.70 -0.61 -8.84 | 24.09 -0.46 -6.69 | 24.55 -0.39 -7.16 | 24.43 -0.36 -7.00 | 22.69 -0.45 -4.96 | 22.83 -0.42 -5.09 | 23.20 -0.47 -5.62 | 25.39 -0.25 -7.87 | 30.71 -0.37 -9.61 | 34.39 -0.50 -14.07 | 32.24 -0.66 -11.74 | 28.54 -0.46 -7.21 | 26.92 -0.49 -5.34 | 21.19 -0.32 0.00 | 18.27 -0.58 0.00 |
| CE_DUNWOOD___DRP 24194 | 36.90 1.22 -22.99 | 34.67 1.23 -20.88 | 35.94 1.17 -22.73 | 34.70 1.20 -21.18 | 34.22 1.22 -20.29 | 36.47 1.43 -20.09 | 49.06 2.18 -25.53 | 51.49 2.45 -27.14 | 51.44 2.17 -31.63 | 49.26 2.17 -29.62 | 47.28 2.18 -27.24 | 46.13 2.19 -26.17 | 44.64 2.17 -24.68 | 43.94 2.25 -23.51 | 43.29 2.25 -22.88 | 44.62 2.27 -24.30 | 58.70 2.18 -38.75 | 69.43 2.53 -45.43 | 63.76 2.46 -40.48 | 59.39 2.54 -35.70 | 54.58 2.59 -30.20 | 46.31 2.69 -21.56 | 44.79 2.28 -20.99 | 43.13 1.72 -22.57 |
| CE_MILLWOOD___DRP 24193 | 36.82 1.19 -22.93 | 34.59 1.21 -20.82 | 35.86 1.14 -22.67 | 34.61 1.16 -21.12 | 34.13 1.18 -20.24 | 36.37 1.39 -20.04 | 48.93 2.11 -25.47 | 51.36 2.39 -27.07 | 51.31 2.10 -31.57 | 49.15 2.11 -29.57 | 47.18 2.13 -27.19 | 46.01 2.11 -26.12 | 44.54 2.12 -24.63 | 43.84 2.20 -23.46 | 43.19 2.20 -22.83 | 44.50 2.20 -24.26 | 58.55 2.11 -38.67 | 69.27 2.47 -45.34 | 63.63 2.39 -40.42 | 59.27 2.47 -35.64 | 54.46 2.53 -30.14 | 46.20 2.62 -21.52 | 44.67 2.22 -20.93 | 43.04 1.68 -22.51 |
| CE_NYC2_DRP 24202 | 37.12 1.37 -23.05 | 34.87 1.37 -20.94 | 36.12 1.29 -22.79 | 34.87 1.31 -21.24 | 34.39 1.33 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.75 2.43 -31.85 | 52.99 2.45 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 52.98 2.53 -32.28 | 53.00 2.54 -32.30 | 51.89 2.54 -31.30 | 59.00 2.42 -38.82 | 69.70 2.73 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.89 2.85 -30.25 | 46.66 3.00 -21.60 | 45.12 2.56 -21.05 | 43.38 1.90 -22.63 |
| CE_NYC_DRP 24195 | 37.03 1.30 -23.04 | 34.80 1.31 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.80 2.69 -27.20 | 51.69 2.36 -31.68 | 49.51 2.38 -29.66 | 47.54 2.39 -27.28 | 46.38 2.40 -26.21 | 44.91 2.40 -24.72 | 44.20 2.47 -23.55 | 43.56 2.49 -22.92 | 44.88 2.49 -24.34 | 58.97 2.38 -38.82 | 69.70 2.73 -45.51 | 64.02 2.67 -40.54 | 59.65 2.75 -35.75 | 54.85 2.81 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.28 1.81 -22.62 |
| CHAFFEE___LFGE 323603 | 16.80 0.75 -3.36 | 16.18 0.57 -3.05 | 15.88 0.51 -3.32 | 15.88 0.46 -3.10 | 16.28 0.61 -2.97 | 19.02 1.14 -2.94 | 26.64 1.56 -3.74 | 26.95 1.07 -3.97 | 30.11 0.58 -11.89 | 30.31 0.51 -12.33 | 28.38 0.48 -10.03 | 28.48 0.39 -10.31 | 28.12 0.39 -9.94 | 26.49 0.38 -7.93 | 26.44 0.33 -7.95 | 26.96 0.33 -8.60 | 30.60 0.25 -12.59 | 36.92 0.34 -15.11 | 39.53 0.21 -18.50 | 37.03 0.17 -15.71 | 32.50 -0.09 -10.79 | 29.77 -0.18 -7.88 | 24.49 0.06 -2.91 | 22.55 0.57 -3.13 |
| CHATEAUG_WT_PWR 323614 | 11.32 -0.66 0.71 | 11.29 -0.63 0.65 | 10.74 -0.60 0.71 | 11.04 -0.63 0.66 | 11.34 -0.74 0.63 | 13.38 -0.94 0.62 | 18.78 -1.30 1.27 | 19.79 -1.27 0.84 | 18.35 -1.11 -1.83 | 18.60 -1.05 -2.17 | 18.30 -1.05 -1.49 | 18.48 -1.00 -1.69 | 18.51 -0.96 -1.68 | 18.15 -1.04 -1.00 | 18.21 -1.02 -1.07 | 18.32 -0.94 -1.22 | 18.51 -0.69 -1.43 | 22.47 -0.79 -1.80 | 23.34 -0.81 -3.34 | 23.08 -0.80 -2.73 | 22.50 -0.74 -1.45 | 22.37 -0.79 -1.10 | 20.28 -0.67 0.57 | 17.75 -0.49 0.61 |
| CHAT_HIGH_FALL_HYD 323578 | 11.22 -0.79 0.68 | 11.20 -0.74 0.62 | 10.66 -0.71 0.67 | 10.96 -0.74 0.63 | 11.24 -0.86 0.60 | 13.24 -1.11 0.59 | 18.59 -1.56 1.20 | 19.61 -1.49 0.80 | 18.56 -1.29 -2.21 | 18.82 -1.24 -2.59 | 18.45 -1.23 -1.81 | 18.64 -1.17 -2.03 | 18.68 -1.12 -2.01 | 18.23 -1.20 -1.25 | 18.29 -1.18 -1.32 | 18.44 -1.10 -1.49 | 18.77 -0.83 -1.83 | 22.77 -0.99 -2.29 | 23.83 -1.00 -4.01 | 23.44 -1.02 -3.30 | 22.67 -0.94 -1.81 | 22.46 -0.97 -1.36 | 20.16 -0.82 0.54 | 17.64 -0.64 0.58 |
| CHAUTAUQUA___LFGE 323629 | 17.00 0.86 -3.45 | 16.39 0.69 -3.13 | 16.07 0.61 -3.41 | 16.08 0.58 -3.18 | 16.49 0.74 -3.04 | 19.18 1.23 -3.01 | 26.87 1.69 -3.83 | 27.20 1.23 -4.07 | 30.31 0.69 -11.98 | 30.50 0.61 -12.41 | 28.57 0.59 -10.11 | 28.66 0.50 -10.38 | 28.26 0.46 -10.01 | 26.63 0.45 -8.00 | 26.58 0.40 -8.02 | 27.12 0.42 -8.67 | 30.60 0.36 -12.48 | 36.92 0.47 -14.98 | 39.54 0.31 -18.41 | 37.05 0.27 -15.62 | 32.52 0.02 -10.71 | 29.82 -0.07 -7.82 | 24.53 0.17 -2.84 | 22.57 0.66 -3.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| CH_MIDHUDSON___DRP 24192 | 39.16 1.23 -25.24 | 36.73 1.24 -22.92 | 38.18 1.18 -24.95 | 36.80 1.22 -23.25 | 36.23 1.25 -22.28 | 38.45 1.45 -22.06 | 51.56 2.18 -28.03 | 54.06 2.37 -29.79 | 53.53 2.10 -33.79 | 51.06 2.10 -31.49 | 49.10 2.11 -29.13 | 47.79 2.11 -27.89 | 46.17 2.10 -26.28 | 45.59 2.18 -25.23 | 44.86 2.18 -24.53 | 46.27 2.20 -26.03 | 61.51 2.11 -41.63 | 72.73 2.51 -48.76 | 66.06 2.43 -42.81 | 61.48 2.50 -37.83 | 56.65 2.55 -32.32 | 47.73 2.62 -23.05 | 46.82 2.26 -23.05 | 45.36 1.73 -24.78 |
| CH_MISC_IPPS 23765 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |
| CH_RES_BVR_FALLS 23983 | 10.20 -0.23 2.26 | 10.31 -0.20 2.06 | 9.61 -0.19 2.24 | 10.03 -0.21 2.09 | 10.48 -0.23 2.00 | 12.70 -0.27 1.98 | 18.42 -0.36 2.57 | 18.86 -0.37 2.67 | 20.90 -0.30 -3.56 | 21.60 -0.31 -4.44 | 20.42 -0.32 -2.88 | 20.86 -0.30 -3.38 | 20.90 -0.29 -3.39 | 19.70 -0.29 -1.81 | 19.87 -0.27 -1.98 | 20.08 -0.25 -2.29 | 20.25 -0.18 -2.66 | 24.68 -0.21 -3.43 | 28.13 -0.21 -7.52 | 27.06 -0.19 -6.09 | 24.56 -0.18 -2.95 | 24.17 -0.15 -2.26 | 19.37 -0.13 2.02 | 16.57 -0.11 2.17 |
| CH_RES_NIAGARA 23895 | 15.91 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.06 0.04 -2.70 | 15.46 0.16 -2.59 | 18.03 0.52 -2.56 | 25.12 0.51 -3.25 | 25.12 -0.24 -3.46 | 28.58 -0.49 -11.44 | 28.84 -0.56 -11.93 | 26.91 -0.59 -9.64 | 27.06 -0.66 -9.94 | 26.75 -0.64 -9.60 | 25.10 -0.65 -7.57 | 25.10 -0.67 -7.61 | 25.58 -0.70 -8.24 | 28.98 -0.82 -12.03 | 34.91 -1.01 -14.46 | 37.73 -1.10 -18.02 | 35.28 -1.14 -15.27 | 30.81 -1.35 -10.37 | 28.28 -1.37 -7.58 | 23.09 -0.97 -2.54 | 21.39 -0.19 -2.73 |
| CH_RES_SYRACUSE 23985 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| CLINTON_WT_PWR 323605 | 11.32 -0.66 0.71 | 11.29 -0.63 0.65 | 10.74 -0.60 0.71 | 11.04 -0.63 0.66 | 11.34 -0.74 0.63 | 13.38 -0.94 0.62 | 18.78 -1.30 1.27 | 19.79 -1.27 0.84 | 18.35 -1.11 -1.83 | 18.60 -1.05 -2.17 | 18.30 -1.05 -1.49 | 18.48 -1.00 -1.69 | 18.51 -0.96 -1.68 | 18.15 -1.04 -1.00 | 18.21 -1.02 -1.07 | 18.32 -0.94 -1.22 | 18.51 -0.69 -1.43 | 22.47 -0.79 -1.80 | 23.34 -0.81 -3.34 | 23.08 -0.80 -2.73 | 22.50 -0.74 -1.45 | 22.37 -0.79 -1.10 | 20.28 -0.67 0.57 | 17.75 -0.49 0.61 |
| CLINTON___LFGE 323618 | 11.34 -0.65 0.70 | 11.29 -0.63 0.64 | 10.75 -0.60 0.70 | 11.05 -0.63 0.65 | 11.33 -0.75 0.62 | 13.39 -0.94 0.62 | 18.86 -1.24 1.25 | 19.82 -1.25 0.83 | 18.43 -1.13 -1.92 | 18.72 -1.03 -2.28 | 18.40 -1.04 -1.57 | 18.58 -0.98 -1.78 | 18.63 -0.93 -1.77 | 18.21 -1.04 -1.07 | 18.27 -1.02 -1.13 | 18.41 -0.92 -1.29 | 18.68 -0.62 -1.54 | 22.75 -0.64 -1.92 | 23.68 -0.65 -3.51 | 23.38 -0.66 -2.88 | 22.75 -0.59 -1.55 | 22.52 -0.71 -1.17 | 20.36 -0.60 0.56 | 17.91 -0.34 0.60 |
| COLONIE_LFGE___ 323577 | 49.62 0.98 -35.95 | 46.14 0.93 -32.65 | 48.46 0.88 -35.54 | 46.35 0.90 -33.12 | 45.39 0.95 -31.73 | 47.54 1.18 -31.42 | 63.14 1.86 -39.93 | 66.15 1.80 -42.45 | 63.32 1.64 -44.04 | 59.41 1.61 -40.34 | 57.59 1.64 -38.08 | 55.47 1.62 -36.07 | 53.27 1.62 -33.86 | 53.25 1.65 -33.41 | 52.15 1.65 -32.34 | 53.89 1.62 -34.23 | 74.67 1.62 -55.28 | 88.02 2.00 -64.55 | 76.53 1.94 -53.77 | 70.97 1.95 -47.87 | 66.13 1.98 -42.35 | 54.15 1.99 -30.10 | 56.29 1.91 -32.85 | 55.62 1.45 -35.32 |
| CORNELL_____ 23752 | 17.20 0.52 -3.98 | 16.62 0.44 -3.62 | 16.37 0.39 -3.94 | 16.42 0.42 -3.67 | 16.74 0.52 -3.52 | 19.13 0.70 -3.48 | 26.82 1.05 -4.43 | 27.66 1.05 -4.70 | 30.85 0.72 -12.49 | 31.04 0.72 -12.85 | 29.15 0.73 -10.55 | 29.27 0.71 -10.78 | 28.85 0.68 -10.38 | 27.27 0.69 -8.40 | 27.24 0.67 -8.41 | 27.59 0.70 -8.84 | 31.63 0.71 -13.14 | 38.19 0.97 -15.75 | 40.73 0.94 -18.97 | 38.22 0.93 -16.14 | 33.89 0.89 -11.21 | 31.05 0.82 -8.17 | 25.55 0.73 -3.30 | 23.15 0.75 -3.54 |
| COXSACKIE___GT 23611 | 40.56 1.13 -26.74 | 37.99 1.14 -24.29 | 39.58 1.10 -26.43 | 38.13 1.17 -24.64 | 37.46 1.16 -23.60 | 39.66 1.35 -23.37 | 53.06 2.01 -29.70 | 55.53 2.06 -31.57 | 54.74 1.87 -35.23 | 52.04 1.83 -32.73 | 50.12 1.88 -30.38 | 48.70 1.88 -29.04 | 46.97 1.83 -27.34 | 46.49 1.93 -26.38 | 45.67 1.89 -25.62 | 47.13 1.91 -27.18 | 63.19 1.88 -43.54 | 74.84 2.40 -50.97 | 67.49 2.33 -44.35 | 62.72 2.33 -39.23 | 57.85 2.33 -33.72 | 48.50 2.41 -24.04 | 48.07 2.13 -24.42 | 46.90 1.79 -26.26 |
| CRESCENT___HYD 24018 | 49.62 0.98 -35.95 | 46.14 0.93 -32.65 | 48.46 0.88 -35.54 | 46.35 0.90 -33.12 | 45.39 0.95 -31.73 | 47.54 1.18 -31.42 | 63.14 1.86 -39.93 | 66.15 1.80 -42.45 | 63.32 1.64 -44.04 | 59.41 1.61 -40.34 | 57.59 1.64 -38.08 | 55.47 1.62 -36.07 | 53.27 1.62 -33.86 | 53.25 1.65 -33.41 | 52.15 1.65 -32.34 | 53.89 1.62 -34.23 | 74.67 1.62 -55.28 | 88.02 2.00 -64.55 | 76.53 1.94 -53.77 | 70.97 1.95 -47.87 | 66.13 1.98 -42.35 | 54.15 1.99 -30.10 | 56.29 1.91 -32.85 | 55.62 1.45 -35.32 |
| CRUCIBLE_METL_DRP 24180 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| DANC___LFGE 323619 | 12.30 -0.39 0.00 | 12.09 -0.48 0.00 | 11.53 -0.52 0.00 | 11.81 -0.52 0.00 | 12.26 -0.45 0.00 | 14.39 -0.55 0.00 | 20.41 -0.88 0.06 | 21.46 -0.44 0.00 | 25.27 -0.42 -8.05 | 25.85 -0.49 -8.87 | 24.21 -0.36 -6.71 | 24.66 -0.30 -7.18 | 24.52 -0.29 -7.02 | 22.76 -0.40 -4.97 | 22.92 -0.35 -5.11 | 23.28 -0.40 -5.64 | 25.51 -0.16 -7.90 | 30.89 -0.21 -9.64 | 34.62 -0.31 -14.12 | 32.47 -0.47 -11.78 | 28.72 -0.31 -7.23 | 27.04 -0.38 -5.36 | 21.26 -0.26 0.00 | 18.34 -0.51 0.00 |
| DANSKAMMER___1 23586 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |
| DANSKAMMER___2 23589 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| DANSKAMMER___3 23590 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |
| DANSKAMMER___4 23591 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |
| DANSKAMMER___DIESEL 23592 | 37.97 1.27 -24.01 | 35.66 1.29 -21.80 | 37.01 1.24 -23.73 | 35.72 1.28 -22.11 | 35.19 1.30 -21.19 | 37.41 1.49 -20.98 | 50.25 2.24 -26.66 | 52.71 2.47 -28.34 | 52.41 2.17 -32.60 | 50.10 2.17 -30.46 | 48.13 2.18 -28.09 | 46.91 2.19 -26.94 | 45.36 2.17 -25.40 | 44.72 2.25 -24.28 | 44.03 2.25 -23.62 | 45.40 2.27 -25.08 | 60.00 2.18 -40.04 | 71.01 2.62 -46.93 | 64.90 2.56 -41.53 | 60.43 2.62 -36.65 | 55.60 2.66 -31.15 | 47.05 2.76 -22.23 | 45.78 2.35 -21.92 | 44.23 1.81 -23.56 |
| DASHVILLE___HYD 23610 | 37.77 1.19 -23.88 | 35.48 1.23 -21.69 | 36.82 1.17 -23.60 | 35.55 1.22 -22.00 | 35.00 1.22 -21.08 | 37.20 1.39 -20.87 | 49.94 2.07 -26.52 | 52.37 2.28 -28.19 | 52.14 2.03 -32.47 | 49.84 2.03 -30.34 | 47.88 2.04 -27.98 | 46.66 2.04 -26.84 | 45.12 2.03 -25.30 | 44.49 2.13 -24.18 | 43.78 2.11 -23.52 | 45.17 2.15 -24.98 | 59.69 2.04 -39.87 | 70.66 2.47 -46.73 | 64.59 2.39 -41.38 | 60.13 2.45 -36.52 | 55.30 2.48 -31.02 | 46.80 2.60 -22.14 | 45.52 2.20 -21.80 | 43.95 1.66 -23.44 |
| DELAWARE___LFGE 323621 | 21.12 0.67 -7.75 | 20.28 0.68 -7.04 | 20.37 0.66 -7.66 | 20.15 0.68 -7.14 | 20.29 0.74 -6.84 | 22.53 0.81 -6.78 | 31.18 1.22 -8.61 | 32.39 1.34 -9.15 | 35.59 1.11 -16.84 | 35.37 1.12 -16.78 | 33.32 1.13 -14.32 | 33.23 1.12 -14.33 | 32.58 1.09 -13.70 | 31.01 1.09 -11.74 | 30.87 1.09 -11.63 | 31.59 1.08 -12.47 | 37.88 1.05 -19.07 | 45.40 1.29 -22.65 | 46.54 1.27 -24.45 | 43.49 1.29 -21.04 | 38.83 1.35 -15.69 | 34.76 1.35 -11.35 | 29.70 1.16 -7.02 | 27.33 0.92 -7.55 |
| DOGLEVILLE___HYD 23807 | 12.14 0.88 1.43 | 12.12 0.85 1.29 | 11.46 0.82 1.41 | 11.85 0.84 1.31 | 12.34 0.89 1.26 | 14.79 1.09 1.25 | 21.36 1.60 1.60 | 21.84 1.62 1.68 | 27.37 1.29 -8.44 | 28.30 1.20 -9.62 | 26.05 1.22 -6.97 | 26.62 1.19 -7.65 | 26.50 1.17 -7.53 | 24.35 1.20 -4.97 | 24.53 1.20 -5.18 | 25.06 1.21 -5.81 | 26.91 1.24 -7.90 | 32.75 1.52 -9.76 | 38.17 1.52 -15.83 | 35.82 1.57 -13.10 | 30.98 1.64 -7.55 | 29.47 1.77 -5.64 | 22.01 1.74 1.25 | 19.06 1.55 1.34 |
| DUNKIRK___1 23563 | 16.98 0.85 -3.44 | 16.36 0.68 -3.12 | 16.04 0.60 -3.40 | 16.06 0.57 -3.17 | 16.46 0.72 -3.03 | 19.16 1.21 -3.00 | 26.83 1.67 -3.82 | 27.16 1.20 -4.06 | 30.26 0.65 -11.97 | 30.45 0.58 -12.40 | 28.52 0.55 -10.10 | 28.61 0.46 -10.37 | 28.22 0.43 -10.00 | 26.59 0.42 -7.99 | 26.53 0.36 -8.01 | 27.08 0.38 -8.65 | 30.55 0.32 -12.46 | 36.86 0.43 -14.96 | 39.48 0.27 -18.39 | 37.00 0.23 -15.61 | 32.47 -0.02 -10.70 | 29.77 -0.11 -7.81 | 24.47 0.13 -2.83 | 22.53 0.64 -3.04 |
| DUNKIRK___2 23564 | 16.98 0.85 -3.44 | 16.36 0.68 -3.12 | 16.04 0.60 -3.40 | 16.06 0.57 -3.17 | 16.46 0.72 -3.03 | 19.16 1.21 -3.00 | 26.83 1.67 -3.82 | 27.16 1.20 -4.06 | 30.26 0.65 -11.97 | 30.45 0.58 -12.40 | 28.52 0.55 -10.10 | 28.61 0.46 -10.37 | 28.22 0.43 -10.00 | 26.59 0.42 -7.99 | 26.53 0.36 -8.01 | 27.08 0.38 -8.65 | 30.55 0.32 -12.46 | 36.86 0.43 -14.96 | 39.48 0.27 -18.39 | 37.00 0.23 -15.61 | 32.47 -0.02 -10.70 | 29.77 -0.11 -7.81 | 24.47 0.13 -2.83 | 22.53 0.64 -3.04 |
| DUNKIRK___3 23565 | 16.86 0.76 -3.41 | 16.26 0.60 -3.10 | 15.95 0.53 -3.37 | 15.96 0.49 -3.14 | 16.35 0.63 -3.01 | 19.03 1.11 -2.98 | 26.63 1.49 -3.79 | 26.94 1.01 -4.03 | 30.07 0.49 -11.94 | 30.27 0.42 -12.38 | 28.34 0.39 -10.08 | 28.45 0.32 -10.35 | 28.05 0.28 -9.98 | 26.42 0.27 -7.97 | 26.38 0.24 -7.99 | 26.93 0.25 -8.63 | 30.36 0.21 -12.38 | 36.61 0.28 -14.87 | 39.29 0.15 -18.32 | 36.81 0.11 -15.54 | 32.28 -0.15 -10.64 | 29.61 -0.22 -7.77 | 24.31 0.02 -2.77 | 22.38 0.55 -2.98 |
| DUNKIRK___4 23566 | 16.86 0.76 -3.41 | 16.26 0.60 -3.10 | 15.95 0.53 -3.37 | 15.96 0.49 -3.14 | 16.35 0.63 -3.01 | 19.03 1.11 -2.98 | 26.63 1.49 -3.79 | 26.94 1.01 -4.03 | 30.07 0.49 -11.94 | 30.27 0.42 -12.38 | 28.34 0.39 -10.08 | 28.45 0.32 -10.35 | 28.05 0.28 -9.98 | 26.42 0.27 -7.97 | 26.38 0.24 -7.99 | 26.93 0.25 -8.63 | 30.36 0.21 -12.38 | 36.61 0.28 -14.87 | 39.29 0.15 -18.32 | 36.81 0.11 -15.54 | 32.28 -0.15 -10.64 | 29.61 -0.22 -7.77 | 24.31 0.02 -2.77 | 22.38 0.55 -2.98 |
| DUNWOODS_138_KV_38W08_REV_LBMP_I 345000 | 36.99 1.26 -23.05 | 34.76 1.27 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.29 1.25 -20.34 | 36.56 1.48 -20.14 | 49.18 2.24 -25.59 | 51.64 2.54 -27.20 | 51.56 2.24 -31.68 | 49.39 2.25 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.77 2.26 -24.72 | 44.06 2.33 -23.55 | 43.40 2.32 -22.92 | 44.73 2.34 -24.34 | 58.84 2.26 -38.82 | 69.59 2.62 -45.51 | 63.90 2.54 -40.54 | 59.55 2.64 -35.75 | 54.72 2.68 -30.25 | 46.43 2.78 -21.59 | 44.90 2.35 -21.04 | 43.24 1.77 -22.62 |
| E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009 | 36.73 1.17 -22.87 | 34.53 1.19 -20.77 | 35.79 1.13 -22.61 | 34.57 1.17 -21.07 | 34.07 1.18 -20.19 | 36.30 1.37 -19.99 | 48.82 2.07 -25.40 | 51.18 2.28 -27.00 | 51.16 2.01 -31.51 | 48.99 2.01 -29.51 | 47.02 2.02 -27.13 | 45.87 2.03 -26.07 | 44.39 2.01 -24.59 | 43.68 2.09 -23.41 | 43.03 2.09 -22.79 | 44.36 2.11 -24.21 | 58.36 2.01 -38.59 | 69.11 2.40 -45.24 | 63.50 2.33 -40.35 | 59.12 2.39 -35.57 | 54.31 2.44 -30.08 | 46.07 2.54 -21.47 | 44.55 2.15 -20.88 | 42.94 1.64 -22.45 |
| E179THST_138_KV_TB4_REV_LBMP_J 345001 | 37.15 1.41 -23.05 | 34.93 1.43 -20.94 | 36.19 1.36 -22.79 | 34.94 1.38 -21.24 | 34.46 1.41 -20.35 | 36.68 1.60 -20.14 | 49.18 2.24 -25.59 | 51.80 2.69 -27.20 | 51.68 2.35 -31.69 | 49.48 2.36 -29.65 | 47.52 2.38 -27.28 | 46.36 2.38 -26.20 | 44.90 2.38 -24.72 | 44.18 2.45 -23.54 | 43.53 2.45 -22.93 | 44.87 2.47 -24.35 | 58.97 2.38 -38.82 | 69.61 2.64 -45.51 | 63.98 2.62 -40.54 | 59.59 2.69 -35.75 | 54.89 2.85 -30.25 | 46.58 2.91 -21.60 | 45.08 2.52 -21.05 | 43.42 1.94 -22.63 |
| EAST HAMPTON___GT 23717 | 37.65 1.92 -23.04 | 35.73 2.24 -20.93 | 36.99 2.17 -22.78 | 35.63 2.07 -21.23 | 34.99 1.94 -20.34 | 37.78 2.71 -20.14 | 51.80 4.74 -25.71 | 54.06 4.82 -27.35 | 54.07 4.34 -32.09 | 51.16 3.91 -29.77 | 49.45 3.97 -27.61 | 48.35 4.12 -26.45 | 47.25 4.09 -25.36 | 46.15 4.16 -23.81 | 45.79 4.23 -23.40 | 48.23 4.38 -25.81 | 61.45 4.85 -38.83 | 77.62 5.62 -50.53 | 71.86 5.47 -45.57 | 62.49 5.56 -35.77 | 59.71 5.71 -32.21 | 50.59 5.25 -23.28 | 47.49 4.71 -21.26 | 46.15 4.07 -23.23 |
| EAST RIVER___6 23660 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.20 2.26 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.54 2.39 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.20 2.47 -23.55 | 43.54 2.47 -22.92 | 44.88 2.49 -24.34 | 58.97 2.38 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.24 1.77 -22.62 |

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| EAST RIVER___7 23524 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.20 2.26 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.54 2.39 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.20 2.47 -23.55 | 43.54 2.47 -22.92 | 44.88 2.49 -24.34 | 58.97 2.38 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.24 1.77 -22.62 |
| EASTVIEW_138_KV_38W32_REV_LBMP_I 345002 | 36.90 1.22 -22.99 | 34.67 1.23 -20.88 | 35.94 1.17 -22.73 | 34.70 1.20 -21.18 | 34.22 1.22 -20.29 | 36.47 1.43 -20.09 | 49.06 2.18 -25.53 | 51.49 2.45 -27.14 | 51.44 2.17 -31.63 | 49.26 2.17 -29.62 | 47.28 2.18 -27.24 | 46.13 2.19 -26.17 | 44.64 2.17 -24.68 | 43.94 2.25 -23.51 | 43.29 2.25 -22.88 | 44.62 2.27 -24.30 | 58.70 2.18 -38.75 | 69.43 2.53 -45.43 | 63.76 2.46 -40.48 | 59.39 2.54 -35.70 | 54.58 2.59 -30.20 | 46.31 2.69 -21.56 | 44.79 2.28 -20.99 | 43.13 1.72 -22.57 |
| EAST_HAMPTON___DIESEL 23722 | 37.65 1.92 -23.04 | 35.73 2.24 -20.93 | 36.99 2.17 -22.78 | 35.63 2.07 -21.23 | 34.99 1.94 -20.34 | 37.78 2.71 -20.14 | 51.80 4.74 -25.71 | 54.06 4.82 -27.35 | 54.07 4.34 -32.09 | 51.18 3.93 -29.77 | 49.45 3.97 -27.61 | 48.35 4.12 -26.45 | 47.25 4.09 -25.36 | 46.15 4.16 -23.81 | 45.79 4.23 -23.40 | 48.23 4.38 -25.81 | 61.45 4.85 -38.83 | 77.62 5.62 -50.53 | 71.86 5.47 -45.57 | 62.49 5.56 -35.77 | 59.71 5.71 -32.21 | 50.59 5.25 -23.28 | 47.49 4.71 -21.26 | 46.15 4.07 -23.23 |
| EAST_RIVER___1 323558 | 37.03 1.30 -23.04 | 34.80 1.31 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.80 2.69 -27.20 | 51.69 2.36 -31.68 | 49.51 2.38 -29.66 | 47.54 2.39 -27.28 | 46.38 2.40 -26.21 | 44.91 2.40 -24.72 | 44.20 2.47 -23.55 | 43.56 2.49 -22.92 | 44.88 2.49 -24.34 | 58.97 2.38 -38.82 | 69.70 2.73 -45.51 | 64.02 2.67 -40.54 | 59.65 2.75 -35.75 | 54.85 2.81 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.28 1.81 -22.62 |
| EAST_RIVER___2 323559 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.20 2.26 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.54 2.39 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.20 2.47 -23.55 | 43.54 2.47 -22.92 | 44.88 2.49 -24.34 | 58.97 2.38 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.24 1.77 -22.62 |
| EAST___DELAWARE_HYD 23607 | 33.96 1.07 -20.20 | 31.99 1.08 -18.34 | 33.04 1.02 -19.97 | 32.00 1.06 -18.61 | 31.61 1.08 -17.83 | 33.85 1.26 -17.65 | 45.64 1.86 -22.43 | 47.80 2.06 -23.84 | 48.34 1.78 -28.92 | 46.52 1.78 -27.26 | 44.52 1.79 -24.87 | 43.57 1.79 -23.99 | 42.23 1.78 -22.66 | 41.37 1.84 -21.35 | 40.81 1.83 -20.81 | 42.04 1.86 -22.14 | 54.71 1.79 -35.15 | 64.89 2.17 -41.26 | 60.49 2.12 -37.55 | 56.35 2.18 -33.01 | 51.53 2.20 -27.54 | 44.02 2.27 -19.69 | 41.89 1.94 -18.44 | 40.16 1.49 -19.82 |
| ELEC_TRO_TEK 24086 | 36.98 1.22 -23.06 | 34.76 1.27 -20.93 | 36.03 1.20 -22.78 | 34.74 1.18 -21.23 | 34.19 1.14 -20.34 | 36.68 1.58 -20.16 | 50.49 2.65 -26.49 | 53.16 2.94 -28.32 | 53.23 2.54 -33.05 | 50.57 2.55 -30.54 | 50.24 2.57 -29.80 | 48.43 2.58 -28.08 | 48.53 2.56 -28.18 | 46.37 2.65 -25.53 | 46.33 2.65 -25.52 | 49.11 2.65 -28.41 | 59.12 2.52 -38.83 | 74.95 2.94 -50.55 | 69.86 2.85 -46.19 | 59.91 2.98 -35.77 | 57.13 3.01 -32.33 | 51.50 3.15 -26.28 | 47.00 2.73 -22.75 | 45.26 2.11 -24.30 |
| ELLENBURG_WT_PWR 323604 | 11.32 -0.66 0.71 | 11.29 -0.63 0.65 | 10.74 -0.60 0.71 | 11.04 -0.63 0.66 | 11.34 -0.74 0.63 | 13.38 -0.94 0.62 | 18.78 -1.30 1.27 | 19.79 -1.27 0.84 | 18.35 -1.11 -1.83 | 18.60 -1.05 -2.17 | 18.30 -1.05 -1.49 | 18.48 -1.00 -1.69 | 18.51 -0.96 -1.68 | 18.15 -1.04 -1.00 | 18.21 -1.02 -1.07 | 18.32 -0.94 -1.22 | 18.51 -0.69 -1.43 | 22.47 -0.79 -1.80 | 23.34 -0.81 -3.34 | 23.08 -0.80 -2.73 | 22.50 -0.74 -1.45 | 22.37 -0.79 -1.10 | 20.28 -0.67 0.57 | 17.75 -0.49 0.61 |
| ELM_ST_23_KV_LD_REV_LBMP_A 345012 | 16.43 0.58 -3.15 | 15.84 0.41 -2.86 | 15.52 0.36 -3.12 | 15.54 0.31 -2.90 | 15.94 0.46 -2.78 | 18.61 0.91 -2.75 | 26.02 1.17 -3.50 | 26.24 0.61 -3.72 | 29.52 0.21 -11.67 | 29.75 0.14 -12.14 | 27.83 0.13 -9.84 | 27.94 0.04 -10.13 | 27.60 0.04 -9.77 | 25.95 0.02 -7.75 | 25.94 0.00 -7.79 | 26.45 -0.02 -8.42 | 29.92 -0.11 -12.25 | 36.08 -0.11 -14.72 | 38.80 -0.23 -18.21 | 36.33 -0.28 -15.45 | 31.81 -0.52 -10.55 | 29.19 -0.57 -7.71 | 23.93 -0.28 -2.69 | 22.07 0.32 -2.89 |
| EMPIRE_CC_1 323656 | 46.67 0.98 -33.00 | 43.46 0.93 -29.97 | 45.55 0.89 -32.62 | 43.64 0.91 -30.40 | 42.79 0.97 -29.12 | 44.96 1.18 -28.84 | 59.78 1.79 -36.63 | 62.28 1.45 -38.94 | 60.27 1.36 -41.27 | 56.78 1.35 -37.97 | 54.90 1.38 -35.66 | 53.02 1.37 -33.87 | 50.99 1.37 -31.82 | 50.77 1.40 -31.19 | 49.77 1.40 -30.22 | 51.44 1.39 -32.00 | 70.67 1.33 -51.57 | 83.34 1.61 -60.27 | 73.23 1.54 -50.87 | 67.97 1.61 -45.20 | 63.08 1.66 -39.64 | 51.92 1.66 -28.20 | 53.48 1.83 -30.13 | 52.66 1.41 -32.39 |
| EMPIRE_CC_2 323658 | 46.67 0.98 -33.00 | 43.46 0.93 -29.97 | 45.55 0.89 -32.62 | 43.64 0.91 -30.40 | 42.79 0.97 -29.12 | 44.96 1.18 -28.84 | 59.78 1.79 -36.63 | 62.28 1.45 -38.94 | 60.27 1.36 -41.27 | 56.78 1.35 -37.97 | 54.90 1.38 -35.66 | 53.02 1.37 -33.87 | 50.99 1.37 -31.82 | 50.77 1.40 -31.19 | 49.77 1.40 -30.22 | 51.44 1.39 -32.00 | 70.67 1.33 -51.57 | 83.34 1.61 -60.27 | 73.23 1.54 -50.87 | 67.97 1.61 -45.20 | 63.08 1.66 -39.64 | 51.92 1.66 -28.20 | 53.48 1.83 -30.13 | 52.66 1.41 -32.39 |
| ERIE_WT_PWR 323693 | 16.57 0.68 -3.19 | 15.96 0.50 -2.90 | 15.64 0.45 -3.15 | 15.66 0.39 -2.94 | 16.07 0.55 -2.81 | 18.78 1.05 -2.79 | 26.28 1.39 -3.54 | 26.54 0.88 -3.76 | 29.75 0.41 -11.71 | 29.97 0.33 -12.17 | 28.06 0.32 -9.87 | 28.17 0.23 -10.16 | 27.83 0.23 -9.80 | 26.18 0.22 -7.78 | 26.15 0.18 -7.81 | 26.68 0.18 -8.45 | 30.16 0.09 -12.30 | 36.37 0.13 -14.78 | 39.08 0.00 -18.26 | 36.60 -0.04 -15.48 | 32.09 -0.28 -10.58 | 29.42 -0.38 -7.73 | 24.15 -0.09 -2.72 | 22.25 0.47 -2.93 |
| ETNA_115_KV_TB1_REV_LBMP_C 345029 | 17.12 0.49 -3.94 | 16.55 0.41 -3.58 | 16.30 0.36 -3.89 | 16.35 0.39 -3.63 | 16.67 0.49 -3.47 | 19.06 0.67 -3.44 | 26.71 0.98 -4.37 | 27.54 0.99 -4.65 | 30.74 0.67 -12.43 | 30.93 0.66 -12.80 | 29.05 0.68 -10.51 | 29.18 0.66 -10.74 | 28.75 0.62 -10.34 | 27.18 0.64 -8.36 | 27.14 0.62 -8.37 | 27.48 0.65 -8.79 | 31.48 0.66 -13.06 | 38.02 0.90 -15.65 | 40.59 0.87 -18.90 | 38.09 0.87 -16.06 | 33.76 0.83 -11.14 | 30.96 0.77 -8.13 | 25.44 0.69 -3.24 | 23.05 0.72 -3.48 |
| E_CANADA_CAP_HY 24051 | 57.61 0.29 -44.63 | 53.38 0.29 -40.53 | 56.41 0.25 -44.11 | 53.68 0.25 -41.11 | 52.37 0.28 -39.39 | 54.30 0.36 -39.00 | 71.70 0.79 -49.56 | 75.66 1.07 -52.68 | 70.88 1.04 -52.20 | 65.74 0.91 -47.36 | 63.99 0.91 -45.22 | 61.18 0.82 -42.59 | 58.48 0.80 -39.89 | 58.79 0.65 -39.95 | 57.39 0.65 -38.58 | 59.41 0.61 -40.75 | 84.68 0.73 -66.19 | 99.63 1.01 -77.16 | 84.26 1.02 -62.42 | 77.94 0.97 -55.81 | 73.05 0.92 -50.34 | 58.75 0.97 -35.72 | 63.19 0.90 -40.76 | 63.19 0.51 -43.82 |
| E_CANADA_MHWK_HY 24050 | 12.14 0.88 1.43 | 12.12 0.85 1.29 | 11.46 0.82 1.41 | 11.85 0.84 1.31 | 12.34 0.89 1.26 | 14.79 1.09 1.25 | 21.36 1.60 1.60 | 21.84 1.62 1.68 | 27.37 1.29 -8.44 | 28.30 1.20 -9.62 | 26.05 1.22 -6.97 | 26.62 1.19 -7.65 | 26.50 1.17 -7.53 | 24.35 1.20 -4.97 | 24.53 1.20 -5.18 | 25.06 1.21 -5.81 | 26.91 1.24 -7.90 | 32.75 1.52 -9.76 | 38.17 1.52 -15.83 | 35.82 1.57 -13.10 | 30.98 1.64 -7.55 | 29.47 1.77 -5.64 | 22.01 1.74 1.25 | 19.06 1.55 1.34 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| E_FISHKILL___LBMP 23776 | 37.56 1.14 -23.72 | 35.26 1.16 -21.54 | 36.59 1.10 -23.45 | 35.30 1.12 -21.86 | 34.79 1.14 -20.94 | 37.03 1.36 -20.73 | 49.75 2.05 -26.35 | 52.16 2.26 -28.00 | 51.97 1.99 -32.34 | 49.70 1.99 -30.23 | 47.73 2.00 -27.86 | 46.52 2.01 -26.73 | 45.01 2.01 -25.20 | 44.33 2.07 -24.07 | 43.65 2.07 -23.42 | 45.00 2.09 -24.87 | 59.45 1.99 -39.69 | 70.33 2.34 -46.52 | 64.34 2.27 -41.25 | 59.91 2.35 -36.40 | 55.08 2.40 -30.89 | 46.58 2.47 -22.05 | 45.31 2.13 -21.66 | 43.74 1.60 -23.29 |
| FAR ROCKAWAY___4 23548 | 37.26 1.47 -23.09 | 35.02 1.52 -20.93 | 36.28 1.44 -22.79 | 34.98 1.42 -21.24 | 34.44 1.39 -20.35 | 37.04 1.91 -20.18 | 52.10 3.16 -27.59 | 55.06 3.48 -29.67 | 54.97 2.95 -34.38 | 52.04 2.95 -31.62 | 53.70 2.98 -32.85 | 51.11 2.99 -30.34 | 52.86 2.97 -32.10 | 49.18 3.05 -27.94 | 49.68 3.05 -28.47 | 53.17 3.08 -32.04 | 59.35 2.75 -38.83 | 75.26 3.22 -50.57 | 71.32 3.12 -47.38 | 60.20 3.28 -35.77 | 57.63 3.29 -32.54 | 55.93 3.40 -30.47 | 49.59 3.25 -24.82 | 47.17 2.53 -25.79 |
| FARRAGUT_138_KV_32071_REV_LBMP_J 345003 | 37.04 1.31 -23.04 | 34.81 1.32 -20.93 | 36.06 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.61 1.52 -20.14 | 49.27 2.33 -25.59 | 51.84 2.74 -27.20 | 51.70 2.38 -31.68 | 49.53 2.39 -29.66 | 47.56 2.41 -27.28 | 46.40 2.42 -26.21 | 44.93 2.42 -24.72 | 44.22 2.49 -23.55 | 43.56 2.49 -22.92 | 44.89 2.51 -24.34 | 58.98 2.40 -38.82 | 69.72 2.75 -45.51 | 64.04 2.69 -40.54 | 59.68 2.77 -35.75 | 54.87 2.83 -30.25 | 46.59 2.93 -21.59 | 45.05 2.49 -21.04 | 43.30 1.83 -22.62 |
| FARRAGUT_138_KV_38B01_REV_LBMP_J 345016 | 37.03 1.30 -23.04 | 34.80 1.31 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.30 1.26 -20.34 | 36.57 1.49 -20.14 | 49.23 2.29 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.18 2.45 -23.55 | 43.52 2.45 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.65 2.75 -35.75 | 54.83 2.79 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.28 1.81 -22.62 |
| FARRAGUT_138_KV_38M12_REV_LBMP_J 345017 | 37.03 1.30 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.18 2.45 -23.55 | 43.54 2.47 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.57 2.91 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| FARRAGUT___LBMP 323566 | 37.02 1.28 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.29 1.25 -20.34 | 36.57 1.49 -20.14 | 49.23 2.29 -25.59 | 51.77 2.67 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.87 2.37 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.61 2.71 -35.75 | 54.81 2.77 -30.25 | 46.52 2.87 -21.59 | 44.99 2.43 -21.04 | 43.24 1.77 -22.62 |
| FENNER___WINDPWR 24204 | 13.07 0.38 0.00 | 12.88 0.31 0.00 | 12.31 0.26 0.00 | 12.61 0.28 0.00 | 13.06 0.36 0.00 | 15.42 0.48 0.00 | 22.04 0.70 0.02 | 22.67 0.77 0.00 | 27.23 0.56 -9.03 | 27.97 0.56 -9.94 | 25.99 0.61 -7.52 | 26.45 0.62 -8.05 | 26.24 0.59 -7.87 | 24.32 0.56 -5.58 | 24.44 0.56 -5.72 | 25.32 0.49 -6.79 | 27.98 0.55 -9.66 | 33.94 0.73 -11.75 | 38.01 0.71 -16.48 | 35.64 0.68 -13.81 | 31.17 0.68 -8.71 | 29.10 0.62 -6.42 | 22.67 0.58 -0.58 | 20.00 0.53 -0.62 |
| FIBERTEK___ENERGY 23856 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| FITZPATRICK___ 23598 | 13.58 -0.11 -1.00 | 13.32 -0.15 -0.91 | 12.88 -0.16 -0.99 | 13.09 -0.16 -0.93 | 13.46 -0.13 -0.89 | 15.72 -0.10 -0.88 | 22.27 -0.19 -1.12 | 22.85 -0.24 -1.19 | 26.33 -0.26 -8.95 | 26.84 -0.26 -9.63 | 25.09 -0.27 -7.49 | 25.41 -0.27 -7.89 | 25.20 -0.27 -7.67 | 23.61 -0.27 -5.70 | 23.68 -0.27 -5.80 | 24.11 -0.29 -6.36 | 26.62 -0.28 -9.14 | 32.20 -0.34 -11.08 | 35.57 -0.33 -15.09 | 33.49 -0.34 -12.67 | 29.56 -0.37 -8.14 | 27.68 -0.38 -5.99 | 22.11 -0.32 -0.91 | 19.61 -0.23 -0.98 |
| FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010 | 38.05 1.30 -24.07 | 35.74 1.32 -21.85 | 37.09 1.25 -23.79 | 35.80 1.31 -22.17 | 35.25 1.31 -21.24 | 37.50 1.52 -21.03 | 50.36 2.29 -26.73 | 52.80 2.50 -28.41 | 52.51 2.20 -32.66 | 50.18 2.20 -30.51 | 48.22 2.21 -28.14 | 46.99 2.22 -26.99 | 45.44 2.21 -25.44 | 44.80 2.29 -24.33 | 44.09 2.27 -23.66 | 45.48 2.31 -25.13 | 60.11 2.22 -40.12 | 71.14 2.66 -47.02 | 65.01 2.60 -41.59 | 60.53 2.67 -36.71 | 55.70 2.70 -31.21 | 47.11 2.78 -22.27 | 45.88 2.39 -21.97 | 44.32 1.85 -23.62 |
| FORT ORANGE___ 23900 | 47.30 0.90 -33.71 | 44.05 0.88 -30.61 | 46.20 0.84 -33.31 | 44.24 0.86 -31.05 | 43.34 0.89 -29.75 | 45.47 1.08 -29.45 | 60.40 1.62 -37.43 | 63.27 1.58 -39.79 | 61.01 1.46 -41.90 | 57.42 1.45 -38.50 | 55.60 1.52 -36.21 | 53.65 1.49 -34.37 | 51.57 1.49 -32.28 | 51.41 1.53 -31.70 | 50.39 1.53 -30.71 | 52.08 1.52 -32.52 | 71.66 1.46 -52.43 | 84.48 1.76 -61.26 | 74.03 1.71 -51.51 | 68.68 1.74 -45.79 | 63.82 1.76 -40.26 | 52.53 1.83 -28.63 | 54.05 1.74 -30.79 | 53.33 1.38 -33.10 |
| FORT_DRUM_COGEN 23780 | 12.27 -0.42 0.00 | 12.05 -0.52 0.00 | 11.49 -0.55 0.00 | 11.78 -0.54 0.00 | 12.22 -0.48 0.00 | 14.36 -0.58 0.00 | 20.35 -0.94 0.06 | 21.40 -0.50 0.00 | 25.21 -0.48 -8.05 | 25.79 -0.54 -8.86 | 24.16 -0.41 -6.70 | 24.60 -0.36 -7.18 | 24.48 -0.32 -7.01 | 22.72 -0.44 -4.97 | 22.86 -0.40 -5.10 | 23.24 -0.43 -5.63 | 25.45 -0.21 -7.89 | 30.80 -0.30 -9.64 | 34.53 -0.40 -14.11 | 32.38 -0.55 -11.77 | 28.65 -0.37 -7.23 | 26.97 -0.44 -5.35 | 21.19 -0.32 0.00 | 18.29 -0.57 0.00 |
| FPL_FAR_ROCK_GT1 24212 | 37.26 1.47 -23.09 | 35.02 1.52 -20.93 | 36.28 1.44 -22.79 | 34.98 1.42 -21.24 | 34.44 1.39 -20.35 | 37.04 1.91 -20.18 | 52.10 3.16 -27.59 | 55.06 3.48 -29.67 | 54.97 2.95 -34.38 | 52.04 2.95 -31.62 | 53.70 2.98 -32.85 | 51.11 2.99 -30.34 | 52.86 2.97 -32.10 | 49.18 3.05 -27.94 | 49.68 3.05 -28.47 | 53.17 3.08 -32.04 | 59.35 2.75 -38.83 | 75.26 3.22 -50.57 | 71.32 3.12 -47.38 | 60.20 3.28 -35.77 | 57.63 3.29 -32.54 | 55.93 3.40 -30.47 | 49.59 3.25 -24.82 | 47.17 2.53 -25.79 |
| FPL_FAR_ROCK_GT2 23815 | 37.26 1.47 -23.09 | 35.02 1.52 -20.93 | 36.28 1.44 -22.79 | 34.98 1.42 -21.24 | 34.44 1.39 -20.35 | 37.04 1.91 -20.18 | 52.10 3.16 -27.59 | 55.06 3.48 -29.67 | 54.97 2.95 -34.38 | 52.04 2.95 -31.62 | 53.70 2.98 -32.85 | 51.11 2.99 -30.34 | 52.86 2.97 -32.10 | 49.18 3.05 -27.94 | 49.68 3.05 -28.47 | 53.17 3.08 -32.04 | 59.35 2.75 -38.83 | 75.26 3.22 -50.57 | 71.32 3.12 -47.38 | 60.20 3.28 -35.77 | 57.63 3.29 -32.54 | 55.93 3.40 -30.47 | 49.59 3.25 -24.82 | 47.17 2.53 -25.79 |
| FRANKLIN_FALL_HYD 24054 | 11.22 -0.88 0.60 | 11.15 -0.87 0.54 | 10.61 -0.84 0.59 | 10.90 -0.87 0.55 | 11.16 -1.02 0.53 | 13.07 -1.34 0.52 | 18.25 -2.05 1.05 | 19.51 -1.69 0.71 | 19.25 -1.52 -3.13 | 19.54 -1.52 -3.58 | 19.09 -1.36 -2.58 | 19.38 -1.25 -2.85 | 19.46 -1.14 -2.80 | 18.72 -1.29 -1.83 | 18.82 -1.25 -1.91 | 19.01 -1.19 -2.16 | 20.34 -0.87 -3.44 | 24.49 -1.18 -4.20 | 25.64 -1.33 -6.15 | 24.87 -1.42 -5.13 | 23.76 -1.18 -3.15 | 23.18 -1.21 -2.33 | 20.66 -0.86 0.00 | 17.97 -0.89 0.00 |

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| FREEPORT_EQUS_GT1 23764 | 37.11 1.36 -23.06 | 34.90 1.41 -20.93 | 36.17 1.34 -22.78 | 34.87 1.31 -21.23 | 34.32 1.27 -20.34 | 36.87 1.78 -20.15 | 50.72 2.97 -26.40 | 53.32 3.22 -28.20 | 53.34 2.77 -32.93 | 50.67 2.74 -30.45 | 50.18 2.77 -29.54 | 48.43 2.77 -27.88 | 48.41 2.77 -27.84 | 46.34 2.84 -25.33 | 46.27 2.85 -25.26 | 48.92 2.78 -28.10 | 59.28 2.68 -38.83 | 75.17 3.16 -50.54 | 70.08 3.06 -46.20 | 60.12 3.19 -35.77 | 57.37 3.25 -32.33 | 51.47 3.48 -25.92 | 47.12 3.03 -22.57 | 45.40 2.38 -24.17 |
| FREEPORT___CT2 23818 | 37.11 1.36 -23.06 | 34.90 1.41 -20.93 | 36.17 1.34 -22.78 | 34.87 1.31 -21.23 | 34.32 1.27 -20.34 | 36.87 1.78 -20.15 | 50.72 2.97 -26.40 | 53.32 3.22 -28.20 | 53.34 2.77 -32.93 | 50.67 2.74 -30.45 | 50.18 2.77 -29.54 | 48.43 2.77 -27.88 | 48.41 2.77 -27.84 | 46.34 2.84 -25.33 | 46.27 2.85 -25.26 | 48.92 2.78 -28.10 | 59.28 2.68 -38.83 | 75.17 3.16 -50.54 | 70.08 3.06 -46.20 | 60.12 3.19 -35.77 | 57.37 3.25 -32.33 | 51.47 3.48 -25.92 | 47.12 3.03 -22.57 | 45.40 2.38 -24.17 |
| FULTON COGEN____ 23766 | 13.95 0.04 -1.22 | 13.66 -0.01 -1.11 | 13.22 -0.04 -1.21 | 13.43 -0.02 -1.13 | 13.82 0.04 -1.08 | 16.10 0.09 -1.07 | 22.81 0.11 -1.35 | 23.43 0.09 -1.44 | 26.94 -0.02 -9.32 | 27.44 -0.02 -9.98 | 25.66 -0.02 -7.81 | 25.96 -0.02 -8.20 | 25.72 -0.04 -7.97 | 24.11 -0.04 -5.97 | 24.18 -0.04 -6.06 | 24.65 -0.05 -6.66 | 27.36 -0.05 -9.64 | 33.11 -0.02 -11.67 | 36.42 -0.04 -15.64 | 34.27 -0.04 -13.16 | 30.28 -0.04 -8.54 | 28.25 -0.09 -6.28 | 22.61 -0.06 -1.16 | 20.10 0.00 -1.25 |
| FULTON___LFGE 323630 | 56.20 1.23 -42.28 | 52.19 1.23 -38.39 | 54.98 1.14 -41.79 | 52.42 1.15 -38.95 | 51.19 1.17 -37.31 | 53.37 1.48 -36.95 | 70.84 2.54 -46.95 | 74.90 3.09 -49.91 | 70.37 2.73 -49.99 | 65.40 2.46 -45.46 | 63.58 2.43 -43.28 | 60.86 2.26 -40.82 | 58.29 2.24 -38.25 | 58.54 2.18 -38.18 | 57.19 2.14 -36.89 | 59.09 2.06 -38.99 | 83.48 2.47 -63.24 | 98.43 3.22 -73.75 | 84.12 3.23 -60.08 | 77.97 3.15 -53.66 | 73.02 3.05 -48.18 | 59.31 3.05 -34.20 | 62.92 2.78 -38.63 | 62.36 1.98 -41.52 |
| G.F.CEMENT___DRP 24184 | 50.03 1.07 -36.28 | 46.52 1.02 -32.94 | 48.87 0.96 -35.86 | 46.72 0.97 -33.42 | 45.76 1.04 -32.02 | 47.88 1.24 -31.70 | 63.86 2.20 -40.31 | 66.97 2.21 -42.86 | 63.94 1.94 -44.36 | 59.97 1.89 -40.61 | 58.17 1.95 -38.36 | 56.01 1.90 -36.33 | 53.79 1.90 -34.10 | 53.80 1.95 -33.67 | 52.68 1.94 -32.58 | 54.42 1.89 -34.48 | 75.40 1.92 -55.71 | 88.94 2.42 -65.05 | 77.26 2.33 -54.11 | 71.60 2.26 -48.18 | 66.76 2.31 -42.67 | 54.68 2.29 -30.32 | 56.88 2.20 -33.17 | 56.15 1.64 -35.66 |
| GARDENVILLE___LBMP 24039 | 16.52 0.63 -3.20 | 15.92 0.45 -2.90 | 15.60 0.40 -3.16 | 15.62 0.34 -2.95 | 16.02 0.50 -2.82 | 18.69 0.96 -2.80 | 26.16 1.26 -3.55 | 26.40 0.72 -3.78 | 29.64 0.28 -11.72 | 29.86 0.21 -12.18 | 27.95 0.20 -9.88 | 28.05 0.11 -10.17 | 27.71 0.11 -9.81 | 26.06 0.09 -7.79 | 26.03 0.05 -7.82 | 26.56 0.05 -8.46 | 30.06 -0.02 -12.30 | 36.22 -0.02 -14.78 | 38.93 -0.14 -18.26 | 36.47 -0.17 -15.49 | 31.96 -0.41 -10.58 | 29.31 -0.49 -7.73 | 24.05 -0.19 -2.72 | 22.16 0.38 -2.93 |
| GENERAL___MILLS 23808 | 16.55 0.67 -3.19 | 15.95 0.49 -2.90 | 15.63 0.43 -3.15 | 15.65 0.38 -2.94 | 16.05 0.53 -2.81 | 18.75 1.02 -2.79 | 26.26 1.37 -3.54 | 26.50 0.83 -3.76 | 29.74 0.39 -11.71 | 29.96 0.31 -12.17 | 28.04 0.30 -9.87 | 28.15 0.21 -10.16 | 27.81 0.21 -9.80 | 26.16 0.20 -7.78 | 26.14 0.16 -7.81 | 26.64 0.14 -8.45 | 30.14 0.07 -12.30 | 36.35 0.11 -14.78 | 39.03 -0.04 -18.26 | 36.58 -0.06 -15.48 | 32.05 -0.33 -10.58 | 29.40 -0.40 -7.73 | 24.13 -0.11 -2.72 | 22.23 0.45 -2.93 |
| GE_PLASTICS___DRP 24183 | 47.98 0.80 -34.49 | 44.66 0.78 -31.32 | 46.88 0.75 -34.09 | 44.86 0.76 -31.77 | 43.94 0.80 -30.44 | 46.04 0.96 -30.14 | 61.10 1.45 -38.30 | 64.02 1.40 -40.71 | 61.62 1.32 -42.66 | 57.94 1.31 -39.15 | 56.08 1.34 -36.87 | 54.07 1.32 -34.98 | 51.95 1.32 -32.84 | 51.83 1.35 -32.31 | 50.78 1.34 -31.28 | 52.50 1.34 -33.12 | 72.50 1.30 -53.44 | 85.45 1.57 -62.42 | 74.64 1.50 -52.32 | 69.24 1.54 -46.54 | 64.36 1.57 -41.00 | 52.83 1.61 -29.15 | 54.55 1.53 -31.51 | 54.10 1.38 -33.87 |
| GILBOA___1 23756 | 31.86 0.76 -18.41 | 30.11 0.83 -16.72 | 31.10 0.86 -18.19 | 30.16 0.88 -16.96 | 29.88 0.93 -16.25 | 31.96 0.93 -16.09 | 43.14 1.35 -20.44 | 45.05 1.42 -21.73 | 46.14 1.25 -27.25 | 44.54 1.24 -25.83 | 42.53 1.25 -23.41 | 41.71 1.26 -22.66 | 40.47 1.25 -21.43 | 39.48 1.29 -20.01 | 38.96 1.27 -19.54 | 40.12 1.28 -20.79 | 51.82 1.15 -32.90 | 61.44 1.31 -38.67 | 57.88 1.27 -35.79 | 53.93 1.37 -31.40 | 49.17 1.48 -25.90 | 42.12 1.52 -18.54 | 39.62 1.31 -16.79 | 37.92 1.02 -18.05 |
| GILBOA___2 23757 | 31.86 0.76 -18.41 | 30.11 0.83 -16.72 | 31.10 0.86 -18.19 | 30.16 0.88 -16.96 | 29.88 0.93 -16.25 | 31.96 0.93 -16.09 | 43.14 1.35 -20.44 | 45.05 1.42 -21.73 | 46.14 1.25 -27.25 | 44.54 1.24 -25.83 | 42.53 1.25 -23.41 | 41.71 1.26 -22.66 | 40.47 1.25 -21.43 | 39.48 1.29 -20.01 | 38.96 1.27 -19.54 | 40.12 1.28 -20.79 | 51.82 1.15 -32.90 | 61.44 1.31 -38.67 | 57.88 1.27 -35.79 | 53.93 1.37 -31.40 | 49.17 1.48 -25.90 | 42.12 1.52 -18.54 | 39.62 1.31 -16.79 | 37.92 1.02 -18.05 |
| GILBOA___3 23758 | 31.86 0.76 -18.41 | 30.11 0.83 -16.72 | 31.10 0.86 -18.19 | 30.16 0.88 -16.96 | 29.88 0.93 -16.25 | 31.96 0.93 -16.09 | 43.14 1.35 -20.44 | 45.05 1.42 -21.73 | 46.14 1.25 -27.25 | 44.54 1.24 -25.83 | 42.53 1.25 -23.41 | 41.71 1.26 -22.66 | 40.47 1.25 -21.43 | 39.48 1.29 -20.01 | 38.96 1.27 -19.54 | 40.12 1.28 -20.79 | 51.82 1.15 -32.90 | 61.44 1.31 -38.67 | 57.88 1.27 -35.79 | 53.93 1.37 -31.40 | 49.17 1.48 -25.90 | 42.12 1.52 -18.54 | 39.62 1.31 -16.79 | 37.92 1.02 -18.05 |
| GILBOA___4 23759 | 31.86 0.76 -18.41 | 30.11 0.83 -16.72 | 31.10 0.86 -18.19 | 30.16 0.88 -16.96 | 29.88 0.93 -16.25 | 31.96 0.93 -16.09 | 43.14 1.35 -20.44 | 45.05 1.42 -21.73 | 46.14 1.25 -27.25 | 44.54 1.24 -25.83 | 42.53 1.25 -23.41 | 41.71 1.26 -22.66 | 40.47 1.25 -21.43 | 39.48 1.29 -20.01 | 38.96 1.27 -19.54 | 40.12 1.28 -20.79 | 51.82 1.15 -32.90 | 61.44 1.31 -38.67 | 57.88 1.27 -35.79 | 53.93 1.37 -31.40 | 49.17 1.48 -25.90 | 42.12 1.52 -18.54 | 39.62 1.31 -16.79 | 37.92 1.02 -18.05 |
| GILBOA____ 23599 | 31.86 0.76 -18.41 | 30.11 0.83 -16.72 | 31.10 0.86 -18.19 | 30.16 0.88 -16.96 | 29.88 0.93 -16.25 | 31.96 0.93 -16.09 | 43.14 1.35 -20.44 | 45.05 1.42 -21.73 | 46.14 1.25 -27.25 | 44.54 1.24 -25.83 | 42.53 1.25 -23.41 | 41.71 1.26 -22.66 | 40.47 1.25 -21.43 | 39.48 1.29 -20.01 | 38.96 1.27 -19.54 | 40.12 1.28 -20.79 | 51.82 1.15 -32.90 | 61.44 1.31 -38.67 | 57.88 1.27 -35.79 | 53.93 1.37 -31.40 | 49.17 1.48 -25.90 | 42.12 1.52 -18.54 | 39.62 1.31 -16.79 | 37.92 1.02 -18.05 |
| GINNA____ 23603 | 14.56 -0.36 -2.22 | 14.13 -0.45 -2.02 | 13.77 -0.47 -2.20 | 13.91 -0.47 -2.05 | 14.31 -0.36 -1.96 | 16.63 -0.25 -1.94 | 23.39 -0.43 -2.47 | 23.89 -0.64 -2.62 | 27.61 -0.71 -10.68 | 28.00 -0.73 -11.26 | 26.10 -0.75 -8.98 | 26.32 -0.78 -9.33 | 26.09 -0.73 -9.03 | 24.45 -0.71 -6.98 | 24.49 -0.71 -7.04 | 24.94 -0.76 -7.66 | 28.06 -0.80 -11.09 | 33.96 -0.88 -13.37 | 37.13 -0.87 -17.19 | 34.72 -0.95 -14.52 | 30.42 -1.05 -9.67 | 28.00 -1.15 -7.09 | 22.45 -0.99 -1.93 | 20.26 -0.66 -2.07 |
| GLEN PARK____ 23778 | 12.32 -0.37 0.00 | 12.10 -0.46 0.00 | 11.54 -0.51 0.00 | 11.82 -0.51 0.00 | 12.27 -0.43 0.00 | 14.43 -0.51 0.00 | 20.48 -0.81 0.06 | 21.53 -0.37 0.00 | 25.33 -0.37 -8.06 | 25.91 -0.44 -8.87 | 24.27 -0.30 -6.71 | 24.72 -0.25 -7.19 | 24.58 -0.23 -7.02 | 22.81 -0.35 -4.98 | 22.96 -0.31 -5.11 | 23.34 -0.34 -5.64 | 25.58 -0.09 -7.90 | 30.99 -0.13 -9.65 | 34.74 -0.21 -14.13 | 32.56 -0.38 -11.79 | 28.83 -0.20 -7.24 | 27.13 -0.29 -5.36 | 21.30 -0.22 0.00 | 18.40 -0.45 0.00 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD_IC_1_G5 23712 | 37.06 1.31 -23.06 | 34.82 1.33 -20.93 | 36.09 1.26 -22.78 | 34.82 1.26 -21.23 | 34.31 1.26 -20.34 | 36.72 1.63 -20.15 | 50.16 2.65 -26.16 | 52.74 2.94 -27.90 | 52.82 2.54 -32.64 | 50.24 2.55 -30.22 | 49.31 2.57 -28.87 | 47.74 2.58 -27.38 | 47.35 2.58 -26.98 | 45.64 2.65 -24.80 | 45.42 2.65 -24.62 | 48.02 2.67 -27.30 | 59.03 2.43 -38.83 | 74.84 2.83 -50.54 | 69.45 2.77 -45.86 | 59.78 2.85 -35.77 | 56.96 2.90 -32.27 | 50.25 3.18 -25.01 | 46.36 2.73 -22.12 | 44.79 2.09 -23.84 |
| GLENWOOD_IC_2_G1 23688 | 37.01 1.27 -23.05 | 34.79 1.29 -20.93 | 36.06 1.23 -22.78 | 34.79 1.23 -21.23 | 34.28 1.23 -20.34 | 36.65 1.57 -20.14 | 49.73 2.50 -25.88 | 52.25 2.78 -27.56 | 52.36 2.42 -32.30 | 49.85 2.43 -29.95 | 48.42 2.45 -28.10 | 47.05 2.45 -26.81 | 46.22 2.44 -25.99 | 44.90 2.53 -24.20 | 44.55 2.52 -23.87 | 46.98 2.54 -26.39 | 59.02 2.42 -38.83 | 74.81 2.81 -50.53 | 68.98 2.73 -45.44 | 59.76 2.84 -35.77 | 56.86 2.88 -32.20 | 49.01 3.00 -23.95 | 45.69 2.58 -21.59 | 44.30 1.98 -23.47 |
| GLENWOOD_IC_3_G1 23689 | 37.01 1.27 -23.05 | 34.79 1.29 -20.93 | 36.06 1.23 -22.78 | 34.79 1.23 -21.23 | 34.28 1.23 -20.34 | 36.65 1.57 -20.14 | 49.73 2.50 -25.88 | 52.25 2.78 -27.56 | 52.36 2.42 -32.30 | 49.85 2.43 -29.95 | 48.42 2.45 -28.10 | 47.05 2.45 -26.81 | 46.22 2.44 -25.99 | 44.90 2.53 -24.20 | 44.55 2.52 -23.87 | 46.98 2.54 -26.39 | 59.02 2.42 -38.83 | 74.81 2.81 -50.53 | 68.98 2.73 -45.44 | 59.76 2.84 -35.77 | 56.86 2.88 -32.20 | 49.01 3.00 -23.95 | 45.69 2.58 -21.59 | 44.30 1.98 -23.47 |
| GLENWOOD___4 23550 | 37.06 1.31 -23.06 | 34.82 1.33 -20.93 | 36.09 1.26 -22.78 | 34.82 1.26 -21.23 | 34.31 1.26 -20.34 | 36.72 1.63 -20.15 | 50.16 2.65 -26.16 | 52.74 2.94 -27.90 | 52.82 2.54 -32.64 | 50.24 2.55 -30.22 | 49.31 2.57 -28.87 | 47.74 2.58 -27.38 | 47.35 2.58 -26.98 | 45.64 2.65 -24.80 | 45.42 2.65 -24.62 | 48.02 2.67 -27.30 | 59.09 2.49 -38.83 | 74.90 2.90 -50.54 | 69.49 2.81 -45.86 | 59.85 2.92 -35.77 | 57.00 2.94 -32.27 | 50.25 3.18 -25.01 | 46.36 2.73 -22.12 | 44.79 2.09 -23.84 |
| GLENWOOD___5 23614 | 37.06 1.31 -23.06 | 34.82 1.33 -20.93 | 36.09 1.26 -22.78 | 34.82 1.26 -21.23 | 34.31 1.26 -20.34 | 36.72 1.63 -20.15 | 50.16 2.65 -26.16 | 52.74 2.94 -27.90 | 52.82 2.54 -32.64 | 50.24 2.55 -30.22 | 49.31 2.57 -28.87 | 47.74 2.58 -27.38 | 47.35 2.58 -26.98 | 45.64 2.65 -24.80 | 45.42 2.65 -24.62 | 48.02 2.67 -27.30 | 59.09 2.49 -38.83 | 74.90 2.90 -50.54 | 69.49 2.81 -45.86 | 59.85 2.92 -35.77 | 57.00 2.94 -32.27 | 50.25 3.18 -25.01 | 46.36 2.73 -22.12 | 44.79 2.09 -23.84 |
| GLOBAL GREEN_PORT_GT1 23814 | 37.64 1.90 -23.04 | 35.73 2.24 -20.93 | 36.99 2.17 -22.78 | 35.62 2.06 -21.23 | 34.98 1.93 -20.34 | 37.78 2.71 -20.14 | 51.80 4.74 -25.71 | 54.05 4.80 -27.35 | 54.05 4.32 -32.09 | 51.16 3.91 -29.77 | 49.43 3.95 -27.61 | 48.34 4.11 -26.45 | 47.25 4.09 -25.36 | 46.15 4.16 -23.81 | 45.77 4.21 -23.40 | 48.21 4.37 -25.81 | 61.45 4.85 -38.83 | 77.62 5.62 -50.53 | 71.86 5.47 -45.57 | 62.49 5.56 -35.77 | 59.69 5.69 -32.21 | 50.59 5.25 -23.28 | 47.47 4.69 -21.26 | 46.14 4.05 -23.23 |
| GLOBE___DSASP 323697 | 15.88 0.27 -2.93 | 15.32 0.10 -2.66 | 15.01 0.07 -2.89 | 15.02 0.00 -2.70 | 15.41 0.13 -2.58 | 17.99 0.49 -2.56 | 25.05 0.45 -3.25 | 25.03 -0.33 -3.45 | 28.51 -0.57 -11.43 | 28.75 -0.65 -11.92 | 26.84 -0.66 -9.63 | 26.97 -0.75 -9.93 | 26.67 -0.71 -9.59 | 25.02 -0.73 -7.57 | 25.02 -0.75 -7.61 | 25.51 -0.78 -8.24 | 28.90 -0.89 -12.02 | 34.82 -1.09 -14.45 | 37.66 -1.17 -18.01 | 35.19 -1.23 -15.26 | 30.75 -1.42 -10.37 | 28.19 -1.46 -7.58 | 23.00 -1.05 -2.54 | 21.33 -0.25 -2.73 |
| GOETHSLN___LBMP 323567 | 36.95 1.22 -23.04 | 34.71 1.22 -20.93 | 35.97 1.14 -22.78 | 34.71 1.16 -21.23 | 34.22 1.18 -20.34 | 36.48 1.40 -20.14 | 49.08 2.13 -25.59 | 51.64 2.54 -27.20 | 51.54 2.22 -31.68 | 49.37 2.24 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.77 2.26 -24.72 | 44.06 2.33 -23.55 | 43.42 2.34 -22.92 | 44.75 2.36 -24.34 | 58.84 2.26 -38.82 | 64.54 2.51 -40.56 | 63.83 2.48 -40.54 | 59.51 2.60 -35.75 | 54.70 2.66 -30.25 | 46.41 2.76 -21.59 | 44.88 2.32 -21.04 | 43.13 1.66 -22.62 |
| GOODYEAR_LAKE_HYD 323669 | 17.12 0.66 -3.77 | 16.64 0.65 -3.42 | 16.40 0.63 -3.73 | 16.44 0.64 -3.47 | 16.74 0.71 -3.33 | 19.04 0.81 -3.30 | 26.80 1.26 -4.19 | 27.78 1.42 -4.45 | 31.94 1.20 -13.10 | 32.23 1.19 -13.57 | 30.10 1.18 -11.06 | 30.30 1.17 -11.35 | 29.86 1.12 -10.94 | 28.04 1.11 -8.74 | 28.04 1.11 -8.77 | 28.61 1.08 -9.48 | 32.95 1.10 -14.08 | 39.75 1.39 -16.89 | 42.73 1.40 -20.51 | 39.98 1.40 -17.43 | 35.25 1.42 -12.04 | 32.26 1.41 -8.79 | 26.10 1.18 -3.40 | 23.45 0.94 -3.65 |
| GOUDEY_115_KV_TB6_REV_LBMP_C 345031 | 19.53 0.53 -6.31 | 18.77 0.48 -5.73 | 18.72 0.45 -6.23 | 18.59 0.46 -5.81 | 18.80 0.53 -5.57 | 21.14 0.69 -5.51 | 29.34 0.98 -7.00 | 30.22 0.88 -7.44 | 33.25 0.60 -15.01 | 33.14 0.58 -15.09 | 31.18 0.57 -12.74 | 31.15 0.55 -12.82 | 30.61 0.53 -12.28 | 29.08 0.54 -10.36 | 28.97 0.53 -10.29 | 29.61 0.54 -11.02 | 34.98 0.46 -16.75 | 42.05 0.64 -19.94 | 43.60 0.62 -22.16 | 40.80 0.63 -19.01 | 36.31 0.61 -13.91 | 32.74 0.60 -10.08 | 27.69 0.50 -5.68 | 25.52 0.57 -6.10 |
| GOUDEY___7 23579 | 19.53 0.53 -6.31 | 18.77 0.48 -5.73 | 18.72 0.45 -6.23 | 18.59 0.46 -5.81 | 18.80 0.53 -5.57 | 21.14 0.69 -5.51 | 29.34 0.98 -7.00 | 30.22 0.88 -7.44 | 33.25 0.60 -15.01 | 33.14 0.58 -15.09 | 31.18 0.57 -12.74 | 31.15 0.55 -12.82 | 30.61 0.53 -12.28 | 29.08 0.54 -10.36 | 28.97 0.53 -10.29 | 29.61 0.54 -11.02 | 34.98 0.46 -16.75 | 42.05 0.64 -19.94 | 43.60 0.62 -22.16 | 40.80 0.63 -19.01 | 36.31 0.61 -13.91 | 32.74 0.60 -10.08 | 27.69 0.50 -5.68 | 25.52 0.57 -6.10 |
| GOUDEY___8 23580 | 19.53 0.53 -6.31 | 18.77 0.48 -5.73 | 18.72 0.45 -6.23 | 18.59 0.46 -5.81 | 18.80 0.53 -5.57 | 21.14 0.69 -5.51 | 29.34 0.98 -7.00 | 30.22 0.88 -7.44 | 33.25 0.60 -15.01 | 33.14 0.58 -15.09 | 31.18 0.57 -12.74 | 31.15 0.55 -12.82 | 30.61 0.53 -12.28 | 29.08 0.54 -10.36 | 28.97 0.53 -10.29 | 29.61 0.54 -11.02 | 34.98 0.46 -16.75 | 42.05 0.64 -19.94 | 43.60 0.62 -22.16 | 40.80 0.63 -19.01 | 36.31 0.61 -13.91 | 32.74 0.60 -10.08 | 27.69 0.50 -5.68 | 25.52 0.57 -6.10 |
| GOWANUS_GT1_1 24077 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_2 24078 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_3 24079 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_4 24080 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_5 24084 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_6 24111 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_7 24112 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT1_8 24113 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_1 24114 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_2 24115 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_3 24116 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_4 24117 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_5 24118 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_6 24119 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_7 24120 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT2_8 24121 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_1 24122 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_2 24123 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_3 24124 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_4 24125 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_5 24126 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_6 24127 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_7 24128 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT3_8 24129 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_1 24130 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_2 24131 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_3 24132 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_4 24133 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_5 24134 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_6 24135 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_7 24136 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GOWANUS_GT4_8 24137 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GREENIDGE___3 23582 | 17.15 0.60 -3.86 | 16.53 0.47 -3.50 | 16.27 0.41 -3.81 | 16.31 0.43 -3.56 | 16.68 0.57 -3.41 | 19.18 0.87 -3.37 | 26.90 1.26 -4.29 | 27.51 1.05 -4.56 | 30.65 0.62 -12.40 | 30.83 0.58 -12.78 | 28.91 0.57 -10.47 | 29.05 0.55 -10.71 | 28.63 0.52 -10.32 | 27.05 0.54 -8.32 | 27.02 0.53 -8.33 | 27.52 0.52 -8.95 | 31.34 0.44 -13.12 | 37.88 0.69 -15.73 | 40.42 0.65 -18.95 | 37.91 0.63 -16.12 | 33.50 0.52 -11.19 | 30.66 0.44 -8.16 | 25.23 0.43 -3.29 | 23.01 0.62 -3.53 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| GREENIDGE___4 23583 | 17.15 0.60 -3.86 | 16.53 0.47 -3.50 | 16.27 0.41 -3.81 | 16.31 0.43 -3.56 | 16.68 0.57 -3.41 | 19.18 0.87 -3.37 | 26.90 1.26 -4.29 | 27.51 1.05 -4.56 | 30.65 0.62 -12.40 | 30.83 0.58 -12.78 | 28.91 0.57 -10.47 | 29.05 0.55 -10.71 | 28.63 0.52 -10.32 | 27.05 0.54 -8.32 | 27.02 0.53 -8.33 | 27.52 0.52 -8.95 | 31.34 0.44 -13.12 | 37.88 0.69 -15.73 | 40.42 0.65 -18.95 | 37.91 0.63 -16.12 | 33.50 0.52 -11.19 | 30.66 0.44 -8.16 | 25.23 0.43 -3.29 | 23.01 0.62 -3.53 |
| GREENWD_138_KV_38B11_REV_LBMP_J 345004 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.55 -32.74 | 53.01 2.54 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| GROVEVILLE___HYD 323602 | 38.05 1.30 -24.07 | 35.74 1.32 -21.85 | 37.09 1.25 -23.79 | 35.80 1.31 -22.17 | 35.25 1.31 -21.24 | 37.50 1.52 -21.03 | 50.36 2.29 -26.73 | 52.80 2.50 -28.41 | 52.51 2.20 -32.66 | 50.18 2.20 -30.51 | 48.22 2.21 -28.14 | 46.99 2.22 -26.99 | 45.44 2.21 -25.44 | 44.80 2.29 -24.33 | 44.09 2.27 -23.66 | 45.48 2.31 -25.13 | 60.11 2.22 -40.12 | 71.14 2.66 -47.02 | 65.01 2.60 -41.59 | 60.53 2.67 -36.71 | 55.70 2.70 -31.21 | 47.11 2.78 -22.27 | 45.88 2.39 -21.97 | 44.32 1.85 -23.62 |
| HAMPSHIRE___PAPER_HYD 323593 | 11.78 -0.91 0.00 | 11.57 -0.99 0.00 | 11.03 -1.01 0.00 | 11.30 -1.02 0.00 | 11.61 -1.09 0.00 | 13.46 -1.48 0.00 | 18.53 -2.67 0.15 | 20.17 -1.73 0.00 | 23.14 -1.55 -7.05 | 23.42 -1.82 -7.77 | 22.34 -1.39 -5.87 | 22.84 -1.23 -6.29 | 22.90 -1.03 -6.14 | 21.34 -1.20 -4.36 | 21.48 -1.14 -4.47 | 21.79 -1.19 -4.94 | 23.65 -0.98 -6.86 | 28.15 -1.70 -8.38 | 31.00 -2.08 -12.27 | 29.11 -2.29 -10.24 | 26.29 -1.79 -6.29 | 25.11 -1.61 -4.65 | 20.55 -0.97 0.00 | 17.29 -1.56 0.00 |
| HARDSCRABBLE_WT_PWR 323673 | 11.88 0.61 1.43 | 11.87 0.60 1.29 | 11.20 0.57 1.41 | 11.59 0.58 1.31 | 12.08 0.63 1.26 | 14.49 0.79 1.25 | 20.93 1.17 1.60 | 21.40 1.18 1.68 | 27.03 0.95 -8.44 | 27.96 0.87 -9.62 | 25.71 0.88 -6.97 | 26.29 0.85 -7.65 | 26.16 0.84 -7.53 | 24.00 0.85 -4.97 | 24.19 0.85 -5.18 | 24.72 0.87 -5.81 | 26.59 0.92 -7.90 | 32.36 1.14 -9.76 | 37.82 1.17 -15.83 | 35.46 1.21 -13.10 | 30.60 1.26 -7.55 | 29.09 1.39 -5.64 | 21.65 1.38 1.25 | 18.75 1.24 1.34 |
| HARRIMAN_69_KV_BK771_REV_LBMP_G 345025 | 35.49 1.19 -21.60 | 33.39 1.21 -19.62 | 34.54 1.14 -21.35 | 33.41 1.18 -19.90 | 32.97 1.19 -19.07 | 35.23 1.40 -18.88 | 47.46 2.11 -23.99 | 49.72 2.32 -25.50 | 49.97 2.05 -30.29 | 47.97 2.04 -28.45 | 45.98 2.05 -26.06 | 44.93 2.06 -25.09 | 43.52 2.05 -23.68 | 42.75 2.13 -22.44 | 42.14 2.12 -21.85 | 43.42 2.15 -23.23 | 56.77 2.04 -36.96 | 67.27 2.45 -43.36 | 62.24 2.39 -39.03 | 57.98 2.45 -34.37 | 53.16 2.48 -28.88 | 45.27 2.58 -20.63 | 43.43 2.20 -19.72 | 41.73 1.68 -21.20 |
| HARZA MOOSE___RIVER 24016 | 11.97 -0.13 0.60 | 11.83 -0.19 0.54 | 11.24 -0.22 0.59 | 11.55 -0.22 0.55 | 12.00 -0.18 0.53 | 14.20 -0.22 0.52 | 20.26 -0.38 0.71 | 21.09 -0.11 0.70 | 25.76 -0.12 -8.24 | 26.51 -0.17 -9.22 | 24.64 -0.07 -6.84 | 25.17 -0.02 -7.41 | 25.03 -0.02 -7.26 | 23.10 -0.07 -4.99 | 23.26 -0.05 -5.15 | 24.12 -0.09 -6.17 | 26.47 0.05 -8.65 | 32.05 0.02 -10.56 | 36.24 -0.04 -15.46 | 33.91 -0.15 -12.90 | 29.67 -0.04 -7.92 | 27.88 -0.04 -5.87 | 21.54 0.02 0.00 | 18.68 -0.17 0.00 |
| HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018 | 37.13 1.38 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.90 1.33 -21.24 | 34.41 1.36 -20.35 | 36.66 1.58 -20.14 | 49.29 2.35 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 53.00 2.47 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.70 2.73 -45.51 | 64.04 2.69 -40.54 | 59.68 2.77 -35.75 | 54.92 2.88 -30.25 | 46.69 3.02 -21.60 | 45.14 2.58 -21.05 | 43.42 1.94 -22.63 |
| HEMPSTEAD____ 23647 | 37.02 1.27 -23.06 | 34.81 1.32 -20.93 | 36.08 1.25 -22.78 | 34.79 1.23 -21.23 | 34.24 1.19 -20.34 | 36.74 1.64 -20.15 | 50.32 2.73 -26.23 | 52.92 3.02 -27.99 | 52.98 2.61 -32.73 | 50.36 2.60 -30.29 | 49.57 2.63 -29.07 | 47.94 2.63 -27.53 | 47.66 2.63 -27.24 | 45.85 2.71 -24.96 | 45.69 2.72 -24.81 | 48.29 2.71 -27.54 | 59.17 2.58 -38.83 | 75.01 3.00 -50.54 | 69.73 2.91 -45.99 | 59.95 3.03 -35.77 | 57.13 3.05 -32.29 | 50.59 3.24 -25.28 | 46.57 2.80 -22.25 | 44.96 2.17 -23.94 |
| HICKLING___1 23621 | 18.32 0.76 -4.86 | 17.61 0.63 -4.42 | 17.42 0.57 -4.81 | 17.39 0.58 -4.48 | 17.71 0.71 -4.29 | 20.22 1.03 -4.25 | 28.22 1.47 -5.40 | 28.83 1.18 -5.74 | 31.83 0.72 -13.47 | 31.88 0.68 -13.73 | 29.93 0.66 -11.40 | 29.98 0.62 -11.58 | 29.48 0.57 -11.12 | 27.92 0.58 -9.16 | 27.84 0.54 -9.13 | 28.40 0.56 -9.79 | 32.95 0.50 -14.68 | 39.78 0.77 -17.54 | 41.88 0.73 -20.33 | 39.26 0.74 -17.36 | 34.76 0.61 -12.36 | 31.62 0.57 -8.99 | 26.30 0.47 -4.31 | 24.24 0.75 -4.63 |
| HICKLING___2 23622 | 18.32 0.76 -4.86 | 17.61 0.63 -4.42 | 17.42 0.57 -4.81 | 17.39 0.58 -4.48 | 17.71 0.71 -4.29 | 20.22 1.03 -4.25 | 28.22 1.47 -5.40 | 28.83 1.18 -5.74 | 31.83 0.72 -13.47 | 31.88 0.68 -13.73 | 29.93 0.66 -11.40 | 29.98 0.62 -11.58 | 29.48 0.57 -11.12 | 27.92 0.58 -9.16 | 27.84 0.54 -9.13 | 28.40 0.56 -9.79 | 32.95 0.50 -14.68 | 39.78 0.77 -17.54 | 41.88 0.73 -20.33 | 39.26 0.74 -17.36 | 34.76 0.61 -12.36 | 31.62 0.57 -8.99 | 26.30 0.47 -4.31 | 24.24 0.75 -4.63 |
| HIGH FALLS___HY 23754 | 36.76 1.23 -22.84 | 34.57 1.27 -20.74 | 35.82 1.20 -22.57 | 34.63 1.27 -21.04 | 34.12 1.26 -20.15 | 36.33 1.43 -19.96 | 48.85 2.13 -25.36 | 51.22 2.37 -26.95 | 51.18 2.08 -31.46 | 49.00 2.06 -29.47 | 47.03 2.07 -27.09 | 45.89 2.08 -26.03 | 44.39 2.05 -24.55 | 43.70 2.14 -23.38 | 43.02 2.11 -22.75 | 44.36 2.15 -24.17 | 58.40 2.10 -38.53 | 69.24 2.60 -45.18 | 63.65 2.54 -40.29 | 59.24 2.56 -35.53 | 54.40 2.57 -30.04 | 46.20 2.69 -21.44 | 44.62 2.26 -20.85 | 43.00 1.73 -22.41 |
| HILLBURN___GT 23639 | 35.83 1.21 -21.93 | 33.70 1.22 -19.92 | 34.88 1.16 -21.68 | 33.71 1.18 -20.20 | 33.27 1.21 -19.36 | 35.53 1.42 -19.16 | 47.84 2.13 -24.35 | 50.18 2.39 -25.89 | 50.32 2.08 -30.60 | 48.29 2.10 -28.72 | 46.30 2.09 -26.34 | 45.22 2.10 -25.34 | 43.80 2.10 -23.91 | 43.05 2.18 -22.69 | 42.43 2.18 -22.10 | 43.73 2.20 -23.48 | 57.23 2.08 -37.38 | 67.78 2.47 -43.85 | 62.58 2.39 -39.37 | 58.31 2.47 -34.68 | 53.49 2.50 -29.19 | 45.51 2.60 -20.85 | 43.75 2.22 -20.02 | 42.05 1.68 -21.52 |
| HISHELDN_WT_PWR 323625 | 16.71 0.57 -3.44 | 16.12 0.43 -3.13 | 15.82 0.37 -3.40 | 15.83 0.33 -3.17 | 16.23 0.48 -3.04 | 18.85 0.90 -3.01 | 26.35 1.17 -3.83 | 26.65 0.68 -4.07 | 29.88 0.26 -11.98 | 30.07 0.19 -12.41 | 28.15 0.18 -10.11 | 28.26 0.11 -10.37 | 27.88 0.09 -10.00 | 26.26 0.09 -7.99 | 26.25 0.07 -8.02 | 26.75 0.05 -8.66 | 30.43 -0.02 -12.68 | 36.70 0.02 -15.22 | 39.32 -0.08 -18.59 | 36.83 -0.11 -15.78 | 32.35 -0.31 -10.86 | 29.62 -0.38 -7.93 | 24.34 -0.15 -2.98 | 22.43 0.38 -3.20 |
| HOLTSVILLE_IC_1 23690 | 37.00 1.27 -23.04 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.89 1.33 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.57 3.33 -27.34 | 52.71 2.98 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.08 2.93 -25.35 | 45.00 3.02 -23.80 | 44.62 3.07 -23.39 | 46.92 3.08 -25.80 | 59.66 3.06 -38.83 | 75.49 3.50 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.70 2.62 -23.23 |

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| HOLTSVILLE_IC_10 23699 | 37.09 1.36 -23.04 | 35.05 1.56 -20.93 | 36.32 1.49 -22.78 | 34.98 1.42 -21.23 | 34.38 1.33 -20.34 | 37.02 1.94 -20.14 | 50.46 3.40 -25.72 | 52.78 3.53 -27.36 | 52.90 3.16 -32.10 | 50.26 3.01 -29.78 | 48.54 3.04 -27.64 | 47.32 3.08 -26.47 | 46.28 3.10 -25.39 | 45.19 3.18 -23.83 | 44.81 3.23 -23.42 | 47.14 3.27 -25.83 | 59.87 3.27 -38.83 | 75.75 3.76 -50.53 | 70.04 3.64 -45.58 | 60.67 3.75 -35.77 | 57.88 3.88 -32.22 | 49.23 3.86 -23.31 | 46.19 3.40 -21.28 | 44.88 2.79 -23.24 |
| HOLTSVILLE_IC_2 23691 | 37.00 1.27 -23.04 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.89 1.33 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.57 3.33 -27.34 | 52.71 2.98 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.08 2.93 -25.35 | 45.00 3.02 -23.80 | 44.62 3.07 -23.39 | 46.92 3.08 -25.80 | 59.66 3.06 -38.83 | 75.49 3.50 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.70 2.62 -23.23 |
| HOLTSVILLE_IC_3 23692 | 37.00 1.27 -23.04 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.89 1.33 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.57 3.33 -27.34 | 52.71 2.98 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.08 2.93 -25.35 | 45.00 3.02 -23.80 | 44.62 3.07 -23.39 | 46.92 3.08 -25.80 | 59.66 3.06 -38.83 | 75.49 3.50 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.70 2.62 -23.23 |
| HOLTSVILLE_IC_4 23693 | 37.00 1.27 -23.04 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.89 1.33 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.57 3.33 -27.34 | 52.71 2.98 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.08 2.93 -25.35 | 45.00 3.02 -23.80 | 44.62 3.07 -23.39 | 46.92 3.08 -25.80 | 59.66 3.06 -38.83 | 75.49 3.50 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.70 2.62 -23.23 |
| HOLTSVILLE_IC_5 23694 | 37.00 1.27 -23.04 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.89 1.33 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.57 3.33 -27.34 | 52.71 2.98 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.08 2.93 -25.35 | 45.00 3.02 -23.80 | 44.62 3.07 -23.39 | 46.92 3.08 -25.80 | 59.66 3.06 -38.83 | 75.49 3.50 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.70 2.62 -23.23 |
| HOLTSVILLE_IC_6 23695 | 37.09 1.36 -23.04 | 35.05 1.56 -20.93 | 36.32 1.49 -22.78 | 34.98 1.42 -21.23 | 34.38 1.33 -20.34 | 37.02 1.94 -20.14 | 50.46 3.40 -25.72 | 52.78 3.53 -27.36 | 52.90 3.16 -32.10 | 50.26 3.01 -29.78 | 48.54 3.04 -27.64 | 47.32 3.08 -26.47 | 46.28 3.10 -25.39 | 45.19 3.18 -23.83 | 44.81 3.23 -23.42 | 47.14 3.27 -25.83 | 59.87 3.27 -38.83 | 75.75 3.76 -50.53 | 70.04 3.64 -45.58 | 60.67 3.75 -35.77 | 57.88 3.88 -32.22 | 49.23 3.86 -23.31 | 46.19 3.40 -21.28 | 44.88 2.79 -23.24 |
| HOLTSVILLE_IC_7 23696 | 37.09 1.36 -23.04 | 35.05 1.56 -20.93 | 36.32 1.49 -22.78 | 34.98 1.42 -21.23 | 34.38 1.33 -20.34 | 37.02 1.94 -20.14 | 50.46 3.40 -25.72 | 52.78 3.53 -27.36 | 52.90 3.16 -32.10 | 50.26 3.01 -29.78 | 48.54 3.04 -27.64 | 47.32 3.08 -26.47 | 46.28 3.10 -25.39 | 45.19 3.18 -23.83 | 44.81 3.23 -23.42 | 47.14 3.27 -25.83 | 59.87 3.27 -38.83 | 75.75 3.76 -50.53 | 70.04 3.64 -45.58 | 60.67 3.75 -35.77 | 57.88 3.88 -32.22 | 49.23 3.86 -23.31 | 46.19 3.40 -21.28 | 44.88 2.79 -23.24 |
| HOLTSVILLE_IC_8 23697 | 37.09 1.36 -23.04 | 35.05 1.56 -20.93 | 36.32 1.49 -22.78 | 34.98 1.42 -21.23 | 34.38 1.33 -20.34 | 37.02 1.94 -20.14 | 50.46 3.40 -25.72 | 52.78 3.53 -27.36 | 52.90 3.16 -32.10 | 50.26 3.01 -29.78 | 48.54 3.04 -27.64 | 47.32 3.08 -26.47 | 46.28 3.10 -25.39 | 45.19 3.18 -23.83 | 44.81 3.23 -23.42 | 47.14 3.27 -25.83 | 59.87 3.27 -38.83 | 75.75 3.76 -50.53 | 70.04 3.64 -45.58 | 60.67 3.75 -35.77 | 57.88 3.88 -32.22 | 49.23 3.86 -23.31 | 46.19 3.40 -21.28 | 44.88 2.79 -23.24 |
| HOLTSVILLE_IC_9 23698 | 37.09 1.36 -23.04 | 35.05 1.56 -20.93 | 36.32 1.49 -22.78 | 34.98 1.42 -21.23 | 34.38 1.33 -20.34 | 37.02 1.94 -20.14 | 50.46 3.40 -25.72 | 52.78 3.53 -27.36 | 52.90 3.16 -32.10 | 50.26 3.01 -29.78 | 48.54 3.04 -27.64 | 47.32 3.08 -26.47 | 46.28 3.10 -25.39 | 45.19 3.18 -23.83 | 44.81 3.23 -23.42 | 47.14 3.27 -25.83 | 59.87 3.27 -38.83 | 75.75 3.76 -50.53 | 70.04 3.64 -45.58 | 60.67 3.75 -35.77 | 57.88 3.88 -32.22 | 49.23 3.86 -23.31 | 46.19 3.40 -21.28 | 44.88 2.79 -23.24 |
| HOWARD_WT_PWR 323690 | 17.51 0.70 -4.12 | 16.85 0.55 -3.74 | 16.62 0.51 -4.07 | 16.64 0.52 -3.79 | 17.05 0.71 -3.63 | 19.69 1.15 -3.60 | 27.57 1.64 -4.57 | 28.08 1.31 -4.86 | 31.06 0.74 -12.67 | 31.16 0.66 -13.02 | 29.24 0.66 -10.72 | 29.32 0.60 -10.94 | 28.87 0.55 -10.53 | 27.32 0.60 -8.54 | 27.28 0.58 -8.54 | 27.85 0.63 -9.17 | 31.97 0.60 -13.59 | 38.69 0.94 -16.28 | 41.09 0.89 -19.38 | 38.56 0.91 -16.50 | 34.01 0.68 -11.55 | 31.05 0.57 -8.41 | 25.69 0.58 -3.59 | 23.65 0.94 -3.86 |
| HQ_GEN_CEDARS 23644 | 11.36 -1.33 0.00 | 11.14 -1.42 0.00 | 10.61 -1.43 0.00 | 10.86 -1.47 0.00 | 11.08 -1.63 0.00 | 12.69 -2.26 0.00 | 16.71 -4.42 0.22 | 19.47 -2.43 0.00 | 21.50 -2.21 -6.07 | 21.36 -2.80 -6.68 | 21.01 -1.91 -5.05 | 21.50 -1.69 -5.41 | 21.73 -1.35 -5.29 | 20.35 -1.58 -3.75 | 20.50 -1.51 -3.85 | 20.72 -1.57 -4.25 | 22.35 -1.28 -5.86 | 25.93 -2.68 -7.15 | 27.71 -3.58 -10.47 | 26.02 -3.87 -8.74 | 24.34 -2.81 -5.36 | 23.52 -2.52 -3.97 | 20.33 -1.18 0.00 | 16.25 -2.60 0.00 |
| HQ_GEN_CEDARS_PROXY 323590 | 11.36 -1.33 0.00 | 11.14 -1.42 0.00 | 10.61 -1.43 0.00 | 10.86 -1.47 0.00 | 11.08 -1.63 0.00 | 12.69 -2.26 0.00 | 16.71 -4.42 0.22 | 19.47 -2.43 0.00 | 21.50 -2.21 -6.07 | 21.36 -2.80 -6.68 | 21.01 -1.91 -5.05 | 21.50 -1.69 -5.41 | 21.73 -1.35 -5.29 | 20.35 -1.58 -3.75 | 20.50 -1.51 -3.85 | 20.72 -1.57 -4.25 | 22.35 -1.28 -5.86 | 25.93 -2.68 -7.15 | 27.71 -3.58 -10.47 | 26.02 -3.87 -8.74 | 24.34 -2.81 -5.36 | 23.52 -2.52 -3.97 | 20.33 -1.18 0.00 | 16.25 -2.60 0.00 |
| HQ_GEN_IMPORT 323601 | 12.26 -0.43 0.00 | 12.16 -0.40 0.00 | 11.68 -0.36 0.00 | 11.94 -0.38 0.00 | 12.26 -0.45 0.00 | 14.37 -0.57 0.00 | 20.00 -0.83 0.52 | 21.09 -0.81 0.00 | 18.40 -0.65 -1.41 | 18.40 -0.63 -1.56 | 18.40 -0.64 -1.18 | 18.40 -0.64 -1.26 | 18.40 -0.62 -1.23 | 18.40 -0.65 -0.87 | 18.40 -0.65 -0.90 | 18.40 -0.63 -0.99 | 18.40 -0.48 -1.11 | 22.22 -0.60 -1.36 | 22.22 -0.58 -1.98 | 22.22 -0.59 -1.66 | 22.22 -0.59 -1.02 | 22.22 -0.59 -0.75 | 20.98 -0.54 0.00 | 18.40 -0.45 0.00 |
| HQ_GEN_WHEEL 23651 | 12.26 -0.43 0.00 | 12.16 -0.40 0.00 | 11.68 -0.36 0.00 | 11.94 -0.38 0.00 | 12.26 -0.45 0.00 | 14.37 -0.57 0.00 | 20.00 -0.83 0.52 | 21.09 -0.81 0.00 | 18.40 -0.65 -1.41 | 18.40 -0.63 -1.56 | 18.40 -0.64 -1.18 | 18.40 -0.64 -1.26 | 18.40 -0.62 -1.23 | 18.40 -0.65 -0.87 | 18.40 -0.65 -0.90 | 18.40 -0.63 -0.99 | 18.40 -0.48 -1.11 | 22.22 -0.60 -1.36 | 22.22 -0.58 -1.98 | 22.22 -0.59 -1.66 | 22.22 -0.59 -1.02 | 22.22 -0.59 -0.75 | 20.98 -0.54 0.00 | 18.40 -0.45 0.00 |
| HUDSON_AVE_GT_3 23810 | 37.04 1.31 -23.04 | 34.81 1.32 -20.93 | 36.06 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.61 1.52 -20.14 | 49.27 2.33 -25.59 | 51.84 2.74 -27.20 | 51.70 2.38 -31.68 | 49.53 2.39 -29.66 | 47.56 2.41 -27.28 | 46.40 2.42 -26.21 | 44.93 2.42 -24.72 | 44.22 2.49 -23.55 | 43.56 2.49 -22.92 | 44.89 2.51 -24.34 | 58.98 2.40 -38.82 | 69.72 2.75 -45.51 | 64.04 2.69 -40.54 | 59.70 2.79 -35.75 | 54.87 2.83 -30.25 | 46.61 2.96 -21.59 | 45.05 2.49 -21.04 | 43.30 1.83 -22.62 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HUDSON AVE_GT_4 23540 | 37.04 1.31 -23.04 | 34.81 1.32 -20.93 | 36.06 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.61 1.52 -20.14 | 49.27 2.33 -25.59 | 51.84 2.74 -27.20 | 51.70 2.38 -31.68 | 49.53 2.39 -29.66 | 47.56 2.41 -27.28 | 46.40 2.42 -26.21 | 44.93 2.42 -24.72 | 44.22 2.49 -23.55 | 43.56 2.49 -22.92 | 44.89 2.51 -24.34 | 58.98 2.40 -38.82 | 69.72 2.75 -45.51 | 64.04 2.69 -40.54 | 59.70 2.79 -35.75 | 54.87 2.83 -30.25 | 46.61 2.96 -21.59 | 45.05 2.49 -21.04 | 43.30 1.83 -22.62 |
| HUDSON AVE_GT_5 23657 | 37.04 1.31 -23.04 | 34.81 1.32 -20.93 | 36.06 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.61 1.52 -20.14 | 49.27 2.33 -25.59 | 51.84 2.74 -27.20 | 51.70 2.38 -31.68 | 49.53 2.39 -29.66 | 47.56 2.41 -27.28 | 46.40 2.42 -26.21 | 44.93 2.42 -24.72 | 44.22 2.49 -23.55 | 43.56 2.49 -22.92 | 44.89 2.51 -24.34 | 58.98 2.40 -38.82 | 69.72 2.75 -45.51 | 64.04 2.69 -40.54 | 59.70 2.79 -35.75 | 54.87 2.83 -30.25 | 46.61 2.96 -21.59 | 45.05 2.49 -21.04 | 43.30 1.83 -22.62 |
| HUDSON_AVE_10 24168 | 36.99 1.26 -23.04 | 34.76 1.27 -20.93 | 36.02 1.19 -22.78 | 34.75 1.20 -21.23 | 34.26 1.22 -20.34 | 36.55 1.47 -20.14 | 49.18 2.24 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 69.63 2.66 -45.51 | 63.96 2.60 -40.54 | 59.59 2.69 -35.75 | 54.78 2.75 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| HUNTER MOUNT___DRP 323613 | 40.56 1.13 -26.74 | 37.99 1.14 -24.29 | 39.58 1.10 -26.43 | 38.13 1.17 -24.64 | 37.46 1.16 -23.60 | 39.66 1.35 -23.37 | 53.06 2.01 -29.70 | 55.53 2.06 -31.57 | 54.74 1.87 -35.23 | 52.04 1.83 -32.73 | 50.12 1.88 -30.38 | 48.70 1.88 -29.04 | 46.97 1.83 -27.34 | 46.49 1.93 -26.38 | 45.67 1.89 -25.62 | 47.13 1.91 -27.18 | 63.19 1.88 -43.54 | 74.84 2.40 -50.97 | 67.49 2.33 -44.35 | 62.72 2.33 -39.23 | 57.85 2.33 -33.72 | 48.50 2.41 -24.04 | 48.07 2.13 -24.42 | 46.90 1.79 -26.26 |
| HUNTINGTON_RES_REC 323705 | 37.02 1.28 -23.04 | 34.89 1.39 -20.93 | 36.15 1.33 -22.78 | 34.84 1.28 -21.23 | 34.27 1.22 -20.34 | 36.84 1.76 -20.14 | 50.12 3.05 -25.72 | 52.54 3.28 -27.36 | 52.62 2.88 -32.10 | 50.07 2.81 -29.78 | 48.35 2.84 -27.64 | 47.11 2.86 -26.47 | 46.05 2.87 -25.40 | 44.95 2.95 -23.83 | 44.56 2.98 -23.42 | 46.88 3.00 -25.84 | 59.53 2.93 -38.83 | 75.43 3.43 -50.53 | 69.75 3.35 -45.58 | 60.38 3.45 -35.77 | 57.54 3.53 -32.22 | 49.00 3.62 -23.32 | 45.94 3.14 -21.28 | 44.56 2.47 -23.24 |
| HUNTLEY___63 23557 | 16.30 0.62 -2.98 | 15.71 0.44 -2.71 | 15.38 0.39 -2.95 | 15.39 0.32 -2.75 | 15.82 0.48 -2.63 | 18.52 0.97 -2.61 | 25.90 1.24 -3.31 | 26.01 0.59 -3.52 | 29.32 0.19 -11.49 | 29.57 0.12 -11.98 | 27.66 0.11 -9.68 | 27.76 0.00 -9.98 | 27.45 0.02 -9.64 | 25.79 0.00 -7.61 | 25.77 -0.04 -7.65 | 26.27 -0.05 -8.28 | 29.70 -0.14 -12.07 | 35.78 -0.19 -14.51 | 38.56 -0.31 -18.06 | 36.10 -0.36 -15.30 | 31.61 -0.59 -10.41 | 29.01 -0.66 -7.61 | 23.77 -0.32 -2.57 | 21.96 0.34 -2.76 |
| HUNTLEY___64 23558 | 16.30 0.62 -2.98 | 15.71 0.44 -2.71 | 15.38 0.39 -2.95 | 15.39 0.32 -2.75 | 15.82 0.48 -2.63 | 18.52 0.97 -2.61 | 25.90 1.24 -3.31 | 26.01 0.59 -3.52 | 29.32 0.19 -11.49 | 29.57 0.12 -11.98 | 27.66 0.11 -9.68 | 27.76 0.00 -9.98 | 27.45 0.02 -9.64 | 25.79 0.00 -7.61 | 25.77 -0.04 -7.65 | 26.27 -0.05 -8.28 | 29.70 -0.14 -12.07 | 35.78 -0.19 -14.51 | 38.56 -0.31 -18.06 | 36.10 -0.36 -15.30 | 31.61 -0.59 -10.41 | 29.01 -0.66 -7.61 | 23.77 -0.32 -2.57 | 21.96 0.34 -2.76 |
| HUNTLEY___65 23559 | 16.30 0.62 -2.98 | 15.71 0.44 -2.71 | 15.38 0.39 -2.95 | 15.39 0.32 -2.75 | 15.82 0.48 -2.63 | 18.52 0.97 -2.61 | 25.90 1.24 -3.31 | 26.01 0.59 -3.52 | 29.32 0.19 -11.49 | 29.57 0.12 -11.98 | 27.66 0.11 -9.68 | 27.76 0.00 -9.98 | 27.45 0.02 -9.64 | 25.79 0.00 -7.61 | 25.77 -0.04 -7.65 | 26.27 -0.05 -8.28 | 29.70 -0.14 -12.07 | 35.78 -0.19 -14.51 | 38.56 -0.31 -18.06 | 36.10 -0.36 -15.30 | 31.61 -0.59 -10.41 | 29.01 -0.66 -7.61 | 23.77 -0.32 -2.57 | 21.96 0.34 -2.76 |
| HUNTLEY___66 23560 | 16.30 0.62 -2.98 | 15.71 0.44 -2.71 | 15.38 0.39 -2.95 | 15.39 0.32 -2.75 | 15.82 0.48 -2.63 | 18.52 0.97 -2.61 | 25.90 1.24 -3.31 | 26.01 0.59 -3.52 | 29.32 0.19 -11.49 | 29.57 0.12 -11.98 | 27.66 0.11 -9.68 | 27.76 0.00 -9.98 | 27.45 0.02 -9.64 | 25.79 0.00 -7.61 | 25.77 -0.04 -7.65 | 26.27 -0.05 -8.28 | 29.70 -0.14 -12.07 | 35.78 -0.19 -14.51 | 38.56 -0.31 -18.06 | 36.10 -0.36 -15.30 | 31.61 -0.59 -10.41 | 29.01 -0.66 -7.61 | 23.77 -0.32 -2.57 | 21.96 0.34 -2.76 |
| HUNTLEY___67 23561 | 16.20 0.44 -3.06 | 15.62 0.28 -2.78 | 15.30 0.23 -3.03 | 15.32 0.17 -2.82 | 15.71 0.30 -2.70 | 18.32 0.70 -2.68 | 25.61 0.85 -3.40 | 25.76 0.24 -3.62 | 29.11 -0.11 -11.58 | 29.35 -0.17 -12.05 | 27.43 -0.20 -9.76 | 27.55 -0.29 -10.05 | 27.23 -0.27 -9.70 | 25.59 -0.27 -7.68 | 25.58 -0.29 -7.72 | 26.09 -0.31 -8.35 | 29.53 -0.41 -12.17 | 35.59 -0.49 -14.62 | 38.37 -0.58 -18.14 | 35.90 -0.63 -15.38 | 31.42 -0.85 -10.48 | 28.82 -0.91 -7.66 | 23.57 -0.58 -2.63 | 21.76 0.08 -2.83 |
| HUNTLEY___68 23562 | 16.20 0.44 -3.06 | 15.62 0.28 -2.78 | 15.30 0.23 -3.03 | 15.32 0.17 -2.82 | 15.71 0.30 -2.70 | 18.32 0.70 -2.68 | 25.61 0.85 -3.40 | 25.76 0.24 -3.62 | 29.11 -0.11 -11.58 | 29.35 -0.17 -12.05 | 27.43 -0.20 -9.76 | 27.55 -0.29 -10.05 | 27.23 -0.27 -9.70 | 25.59 -0.27 -7.68 | 25.58 -0.29 -7.72 | 26.09 -0.31 -8.35 | 29.53 -0.41 -12.17 | 35.59 -0.49 -14.62 | 38.37 -0.58 -18.14 | 35.90 -0.63 -15.38 | 31.42 -0.85 -10.48 | 28.82 -0.91 -7.66 | 23.57 -0.58 -2.63 | 21.76 0.08 -2.83 |
| HYLAND___LFGE 323620 | 16.62 0.60 -3.33 | 16.04 0.45 -3.03 | 15.71 0.37 -3.29 | 15.79 0.39 -3.07 | 16.24 0.60 -2.94 | 18.82 0.97 -2.91 | 26.40 1.35 -3.70 | 26.87 1.03 -3.93 | 30.02 0.53 -11.85 | 30.26 0.49 -12.30 | 28.35 0.48 -10.00 | 28.50 0.44 -10.27 | 28.15 0.44 -9.91 | 26.59 0.51 -7.90 | 26.55 0.47 -7.92 | 27.03 0.43 -8.56 | 30.73 0.39 -12.57 | 37.20 0.64 -15.09 | 39.89 0.58 -18.48 | 37.40 0.55 -15.69 | 32.94 0.37 -10.78 | 30.20 0.27 -7.87 | 24.77 0.34 -2.91 | 22.64 0.66 -3.13 |
| INDECK___CORINTH 23802 | 50.15 0.90 -36.56 | 46.63 0.87 -33.20 | 48.99 0.81 -36.13 | 46.83 0.83 -33.68 | 45.84 0.88 -32.26 | 47.89 1.00 -31.95 | 63.81 1.84 -40.62 | 66.97 1.88 -43.18 | 63.90 1.64 -44.62 | 59.90 1.59 -40.84 | 58.10 1.64 -38.59 | 55.90 1.58 -36.54 | 53.66 1.58 -34.29 | 53.70 1.64 -33.88 | 52.58 1.63 -32.78 | 54.32 1.59 -34.69 | 75.45 1.62 -56.06 | 88.96 2.04 -65.45 | 77.16 1.96 -54.38 | 71.50 1.90 -48.43 | 66.65 1.94 -42.92 | 54.48 1.92 -30.50 | 56.81 1.87 -33.43 | 56.16 1.38 -35.93 |
| INDECK___ILION 23567 | 11.72 0.46 1.43 | 11.71 0.44 1.29 | 11.06 0.42 1.41 | 11.44 0.43 1.31 | 11.90 0.46 1.26 | 14.26 0.57 1.25 | 20.59 0.83 1.60 | 21.07 0.85 1.68 | 26.77 0.69 -8.44 | 27.74 0.65 -9.62 | 25.50 0.66 -6.97 | 26.09 0.66 -7.65 | 25.97 0.64 -7.53 | 23.80 0.65 -4.97 | 23.99 0.65 -5.18 | 24.50 0.65 -5.81 | 26.34 0.68 -7.90 | 32.06 0.84 -9.76 | 37.48 0.83 -15.83 | 35.10 0.85 -13.10 | 30.21 0.87 -7.55 | 28.63 0.93 -5.64 | 21.17 0.90 1.25 | 18.30 0.79 1.34 |
| INDECK___OLEAN 23982 | 17.17 0.68 -3.79 | 16.56 0.55 -3.44 | 16.27 0.48 -3.75 | 16.29 0.47 -3.49 | 16.65 0.60 -3.35 | 19.24 0.99 -3.31 | 26.95 1.39 -4.21 | 27.36 0.99 -4.47 | 30.46 0.48 -12.34 | 30.61 0.40 -12.73 | 28.65 0.36 -10.42 | 28.73 0.28 -10.67 | 28.28 0.21 -10.28 | 26.68 0.22 -8.28 | 26.61 0.16 -8.29 | 27.19 0.20 -8.94 | 31.08 0.07 -13.24 | 37.73 0.41 -15.86 | 40.22 0.33 -19.07 | 37.74 0.36 -16.22 | 33.20 0.13 -11.28 | 30.42 0.13 -8.22 | 24.84 -0.02 -3.35 | 22.88 0.43 -3.60 |

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| INDECK___OSWEGO 23783 | 13.79 -0.08 -1.17 | 13.51 -0.11 -1.06 | 13.08 -0.12 -1.16 | 13.28 -0.12 -1.08 | 13.66 -0.08 -1.03 | 15.92 -0.04 -1.02 | 22.53 -0.11 -1.29 | 23.17 -0.11 -1.38 | 26.63 -0.16 -9.15 | 27.11 -0.17 -9.81 | 25.37 -0.16 -7.66 | 25.68 -0.16 -8.06 | 25.46 -0.16 -7.83 | 23.87 -0.16 -5.85 | 23.92 -0.18 -5.94 | 24.38 -0.20 -6.54 | 27.02 -0.20 -9.45 | 32.69 -0.21 -11.44 | 35.98 -0.21 -15.37 | 33.85 -0.23 -12.93 | 29.93 -0.24 -8.38 | 27.96 -0.26 -6.16 | 22.41 -0.22 -1.11 | 19.89 -0.15 -1.19 |
| INDECK___YERKES 23781 | 16.31 0.63 -2.98 | 15.72 0.45 -2.71 | 15.39 0.40 -2.95 | 15.42 0.34 -2.75 | 15.83 0.50 -2.63 | 18.55 1.00 -2.61 | 25.94 1.28 -3.31 | 26.06 0.64 -3.52 | 29.36 0.23 -11.49 | 29.59 0.14 -11.98 | 27.68 0.13 -9.68 | 27.80 0.04 -9.98 | 27.48 0.05 -9.64 | 25.83 0.04 -7.61 | 25.81 0.00 -7.65 | 26.29 -0.04 -8.28 | 29.74 -0.11 -12.07 | 35.83 -0.15 -14.51 | 38.60 -0.27 -18.06 | 36.14 -0.32 -15.30 | 31.63 -0.57 -10.41 | 29.03 -0.64 -7.61 | 23.81 -0.28 -2.57 | 21.97 0.36 -2.76 |
| INDIAN POINT_GT_1 24139 | 36.69 1.17 -22.83 | 34.47 1.18 -20.73 | 35.73 1.12 -22.56 | 34.50 1.15 -21.03 | 34.01 1.16 -20.15 | 36.25 1.36 -19.95 | 48.77 2.07 -25.35 | 51.19 2.34 -26.94 | 51.18 2.06 -31.47 | 49.01 2.06 -29.48 | 47.04 2.07 -27.10 | 45.90 2.08 -26.04 | 44.43 2.08 -24.56 | 43.73 2.16 -23.38 | 43.07 2.16 -22.76 | 44.38 2.16 -24.18 | 58.38 2.08 -38.54 | 69.07 2.42 -45.18 | 63.48 2.35 -40.31 | 59.13 2.43 -35.54 | 54.32 2.48 -30.04 | 46.09 2.58 -21.45 | 44.53 2.17 -20.84 | 42.90 1.64 -22.40 |
| INDIAN POINT_GT_2 23659 | 36.69 1.17 -22.83 | 34.47 1.18 -20.73 | 35.73 1.12 -22.56 | 34.50 1.15 -21.03 | 34.01 1.16 -20.15 | 36.25 1.36 -19.95 | 48.77 2.07 -25.35 | 51.19 2.34 -26.94 | 51.18 2.06 -31.47 | 49.01 2.06 -29.48 | 47.04 2.07 -27.10 | 45.90 2.08 -26.04 | 44.43 2.08 -24.56 | 43.73 2.16 -23.38 | 43.07 2.16 -22.76 | 44.38 2.16 -24.18 | 58.38 2.08 -38.54 | 69.07 2.42 -45.18 | 63.48 2.35 -40.31 | 59.13 2.43 -35.54 | 54.32 2.48 -30.04 | 46.09 2.58 -21.45 | 44.53 2.17 -20.84 | 42.90 1.64 -22.40 |
| INDIAN POINT_GT_3 24019 | 36.69 1.17 -22.83 | 34.47 1.18 -20.73 | 35.73 1.12 -22.56 | 34.50 1.15 -21.03 | 34.01 1.16 -20.15 | 36.25 1.36 -19.95 | 48.77 2.07 -25.35 | 51.19 2.34 -26.94 | 51.18 2.06 -31.47 | 49.01 2.06 -29.48 | 47.04 2.07 -27.10 | 45.90 2.08 -26.04 | 44.43 2.08 -24.56 | 43.73 2.16 -23.38 | 43.07 2.16 -22.76 | 44.38 2.16 -24.18 | 58.38 2.08 -38.54 | 69.07 2.42 -45.18 | 63.48 2.35 -40.31 | 59.13 2.43 -35.54 | 54.32 2.48 -30.04 | 46.09 2.58 -21.45 | 44.53 2.17 -20.84 | 42.90 1.64 -22.40 |
| INDIAN POINT___2 23530 | 36.33 1.13 -22.50 | 34.14 1.14 -20.44 | 35.37 1.08 -22.24 | 34.17 1.11 -20.73 | 33.70 1.13 -19.86 | 35.94 1.33 -19.67 | 48.35 2.01 -24.99 | 50.74 2.28 -26.56 | 50.81 2.01 -31.16 | 48.69 2.01 -29.21 | 46.71 2.02 -26.83 | 45.59 2.03 -25.79 | 44.15 2.03 -24.33 | 43.40 2.09 -23.13 | 42.76 2.09 -22.52 | 44.08 2.11 -23.93 | 57.90 2.01 -38.12 | 68.53 2.36 -44.70 | 63.08 2.29 -39.97 | 58.76 2.37 -35.23 | 53.92 2.40 -29.74 | 45.81 2.51 -21.23 | 44.17 2.11 -20.54 | 42.52 1.58 -22.09 |
| INDIAN POINT___3 23531 | 36.65 1.12 -22.84 | 34.44 1.13 -20.74 | 35.70 1.07 -22.58 | 34.47 1.10 -21.04 | 33.98 1.12 -20.16 | 36.22 1.32 -19.96 | 48.73 2.01 -25.37 | 51.12 2.26 -26.96 | 51.12 1.99 -31.49 | 48.96 1.99 -29.49 | 46.98 2.00 -27.11 | 45.84 2.01 -26.05 | 44.37 2.01 -24.57 | 43.65 2.07 -23.39 | 43.00 2.07 -22.77 | 44.32 2.09 -24.19 | 58.32 1.99 -38.56 | 69.01 2.34 -45.21 | 63.42 2.27 -40.33 | 59.06 2.35 -35.56 | 54.22 2.38 -30.06 | 46.01 2.49 -21.46 | 44.46 2.09 -20.85 | 42.84 1.56 -22.42 |
| IP CORINTH___1 23988 | 50.23 0.98 -36.56 | 46.70 0.94 -33.20 | 49.06 0.88 -36.13 | 46.90 0.90 -33.68 | 45.92 0.95 -32.26 | 47.98 1.09 -31.95 | 63.94 1.96 -40.62 | 67.10 2.01 -43.18 | 64.01 1.75 -44.62 | 60.00 1.69 -40.84 | 58.21 1.75 -38.59 | 56.01 1.69 -36.54 | 53.77 1.69 -34.29 | 53.81 1.75 -33.88 | 52.68 1.74 -32.78 | 54.43 1.70 -34.69 | 75.56 1.72 -56.06 | 89.09 2.17 -65.45 | 77.28 2.08 -54.38 | 71.62 2.03 -48.43 | 66.76 2.05 -42.92 | 54.62 2.05 -30.50 | 56.94 2.00 -33.43 | 56.28 1.49 -35.93 |
| IP___TICONDEROGA 23804 | 48.78 1.61 -34.47 | 45.32 1.46 -31.30 | 47.50 1.38 -34.07 | 45.49 1.40 -31.76 | 44.67 1.54 -30.42 | 47.04 1.97 -30.12 | 63.45 3.74 -38.36 | 66.34 3.66 -40.78 | 63.58 3.25 -42.69 | 59.79 3.14 -39.18 | 58.04 3.27 -36.90 | 56.04 3.25 -35.00 | 53.91 3.26 -32.87 | 53.81 3.29 -32.34 | 52.76 3.29 -31.31 | 54.44 3.25 -33.15 | 74.47 3.22 -53.48 | 88.17 4.23 -62.47 | 77.14 4.00 -52.33 | 71.58 3.87 -46.55 | 66.83 4.01 -41.03 | 55.16 3.93 -29.17 | 56.65 3.57 -31.56 | 55.52 2.73 -33.93 |
| ISLIP_RES_REC 323679 | 37.18 1.45 -23.04 | 35.12 1.63 -20.93 | 36.38 1.55 -22.78 | 35.05 1.49 -21.23 | 34.46 1.41 -20.34 | 37.14 2.06 -20.14 | 50.64 3.57 -25.73 | 53.02 3.74 -27.37 | 53.09 3.33 -32.11 | 50.45 3.18 -29.79 | 48.75 3.21 -27.67 | 47.54 3.27 -26.49 | 46.50 3.27 -25.43 | 45.40 3.36 -23.85 | 45.02 3.41 -23.45 | 47.38 3.46 -25.87 | 60.06 3.47 -38.83 | 75.99 3.99 -50.53 | 70.26 3.85 -45.59 | 60.88 3.96 -35.77 | 58.08 4.07 -32.22 | 49.50 4.08 -23.35 | 46.39 3.57 -21.30 | 45.05 2.94 -23.26 |
| JARVIS____ 23743 | 11.41 0.14 1.43 | 11.41 0.14 1.29 | 10.77 0.13 1.41 | 11.15 0.14 1.31 | 11.60 0.15 1.26 | 13.88 0.18 1.25 | 20.01 0.26 1.60 | 20.48 0.26 1.68 | 26.31 0.23 -8.44 | 27.32 0.23 -9.62 | 25.07 0.23 -6.97 | 25.66 0.23 -7.65 | 25.56 0.23 -7.53 | 23.38 0.24 -4.97 | 23.57 0.24 -5.18 | 24.09 0.23 -5.81 | 25.90 0.23 -7.90 | 31.50 0.28 -9.76 | 36.92 0.27 -15.83 | 34.53 0.27 -13.10 | 29.62 0.28 -7.55 | 28.01 0.31 -5.64 | 20.55 0.28 1.25 | 17.72 0.21 1.34 |
| JENNISON___1 23625 | 20.05 0.89 -6.47 | 19.23 0.79 -5.88 | 19.18 0.73 -6.40 | 19.06 0.76 -5.96 | 19.32 0.90 -5.71 | 21.74 1.14 -5.66 | 30.27 1.73 -7.19 | 31.36 1.82 -7.64 | 34.34 1.41 -15.29 | 34.26 1.41 -15.37 | 32.26 1.41 -12.99 | 32.25 1.40 -13.06 | 31.64 1.34 -12.51 | 30.04 1.29 -10.56 | 29.94 1.29 -10.49 | 30.52 1.26 -11.21 | 36.15 1.35 -17.03 | 43.55 1.80 -20.28 | 45.16 1.83 -22.50 | 42.24 1.78 -19.31 | 37.72 1.79 -14.14 | 34.01 1.70 -10.25 | 28.81 1.51 -5.79 | 26.47 1.40 -6.22 |
| JENNISON___2 23626 | 20.05 0.89 -6.47 | 19.23 0.79 -5.88 | 19.18 0.73 -6.40 | 19.06 0.76 -5.96 | 19.32 0.90 -5.71 | 21.74 1.14 -5.66 | 30.27 1.73 -7.19 | 31.36 1.82 -7.64 | 34.34 1.41 -15.29 | 34.26 1.41 -15.37 | 32.26 1.41 -12.99 | 32.25 1.40 -13.06 | 31.64 1.34 -12.51 | 30.04 1.29 -10.56 | 29.94 1.29 -10.49 | 30.52 1.26 -11.21 | 36.15 1.35 -17.03 | 43.55 1.80 -20.28 | 45.16 1.83 -22.50 | 42.24 1.78 -19.31 | 37.72 1.79 -14.14 | 34.01 1.70 -10.25 | 28.81 1.51 -5.79 | 26.47 1.40 -6.22 |
| JERICHO_RISE_WT_PWR 323719 | 11.23 -0.79 0.68 | 11.19 -0.75 0.62 | 10.66 -0.71 0.67 | 10.95 -0.75 0.63 | 11.23 -0.88 0.60 | 13.24 -1.11 0.59 | 18.57 -1.58 1.20 | 19.59 -1.51 0.80 | 18.57 -1.29 -2.22 | 18.81 -1.26 -2.59 | 18.45 -1.23 -1.82 | 18.63 -1.19 -2.04 | 18.67 -1.14 -2.02 | 18.23 -1.20 -1.25 | 18.28 -1.20 -1.32 | 18.42 -1.12 -1.50 | 18.76 -0.85 -1.84 | 22.75 -1.01 -2.30 | 23.82 -1.02 -4.02 | 23.43 -1.04 -3.31 | 22.65 -0.96 -1.82 | 22.44 -0.99 -1.37 | 20.14 -0.84 0.53 | 17.62 -0.66 0.58 |
| KEDC PORT_JEFF_GT2 24210 | 37.07 1.33 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.95 1.39 -21.23 | 34.35 1.31 -20.34 | 36.99 1.91 -20.14 | 50.39 3.33 -25.71 | 52.71 3.46 -27.35 | 52.84 3.11 -32.09 | 50.18 2.93 -29.78 | 48.46 2.97 -27.62 | 47.24 3.01 -26.46 | 46.19 3.02 -25.37 | 45.11 3.11 -23.82 | 44.72 3.16 -23.41 | 47.04 3.18 -25.82 | 59.74 3.15 -38.83 | 75.60 3.61 -50.53 | 69.89 3.50 -45.57 | 60.54 3.62 -35.77 | 57.75 3.75 -32.21 | 49.13 3.77 -23.29 | 46.12 3.34 -21.27 | 44.80 2.72 -23.23 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| KEDC PORT_JEFF_GT3 24211 | 37.07 1.33 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.95 1.39 -21.23 | 34.35 1.31 -20.34 | 36.99 1.91 -20.14 | 50.39 3.33 -25.71 | 52.71 3.46 -27.35 | 52.84 3.11 -32.09 | 50.18 2.93 -29.78 | 48.46 2.97 -27.62 | 47.24 3.01 -26.46 | 46.19 3.02 -25.37 | 45.11 3.11 -23.82 | 44.72 3.16 -23.41 | 47.04 3.18 -25.82 | 59.74 3.15 -38.83 | 75.60 3.61 -50.53 | 69.89 3.50 -45.57 | 60.54 3.62 -35.77 | 57.75 3.75 -32.21 | 49.13 3.77 -23.29 | 46.12 3.34 -21.27 | 44.80 2.72 -23.23 |
| KEDC_GLWD_GT4 24219 | 37.06 1.31 -23.06 | 34.82 1.33 -20.93 | 36.09 1.26 -22.78 | 34.82 1.26 -21.23 | 34.31 1.26 -20.34 | 36.72 1.63 -20.15 | 50.16 2.65 -26.16 | 52.74 2.94 -27.90 | 52.82 2.54 -32.64 | 50.24 2.55 -30.22 | 49.31 2.57 -28.87 | 47.74 2.58 -27.38 | 47.35 2.58 -26.98 | 45.64 2.65 -24.80 | 45.42 2.65 -24.62 | 48.02 2.67 -27.30 | 59.03 2.43 -38.83 | 74.84 2.83 -50.54 | 69.45 2.77 -45.86 | 59.78 2.85 -35.77 | 56.96 2.90 -32.27 | 50.25 3.18 -25.01 | 46.36 2.73 -22.12 | 44.79 2.09 -23.84 |
| KEDC_GLWD_GT5 24220 | 37.06 1.31 -23.06 | 34.82 1.33 -20.93 | 36.09 1.26 -22.78 | 34.82 1.26 -21.23 | 34.31 1.26 -20.34 | 36.72 1.63 -20.15 | 50.16 2.65 -26.16 | 52.74 2.94 -27.90 | 52.82 2.54 -32.64 | 50.24 2.55 -30.22 | 49.31 2.57 -28.87 | 47.74 2.58 -27.38 | 47.35 2.58 -26.98 | 45.64 2.65 -24.80 | 45.42 2.65 -24.62 | 48.02 2.67 -27.30 | 59.03 2.43 -38.83 | 74.84 2.83 -50.54 | 69.45 2.77 -45.86 | 59.78 2.85 -35.77 | 56.96 2.90 -32.27 | 50.25 3.18 -25.01 | 46.36 2.73 -22.12 | 44.79 2.09 -23.84 |
| KENSICO____ 23655 | 36.90 1.22 -22.99 | 34.67 1.23 -20.88 | 35.94 1.17 -22.73 | 34.70 1.20 -21.18 | 34.22 1.22 -20.29 | 36.47 1.43 -20.09 | 49.06 2.18 -25.53 | 51.49 2.45 -27.14 | 51.44 2.17 -31.63 | 49.26 2.17 -29.62 | 47.28 2.18 -27.24 | 46.13 2.19 -26.17 | 44.64 2.17 -24.68 | 43.94 2.25 -23.51 | 43.29 2.25 -22.88 | 44.62 2.27 -24.30 | 58.70 2.18 -38.75 | 69.43 2.53 -45.43 | 63.76 2.46 -40.48 | 59.39 2.54 -35.70 | 54.58 2.59 -30.20 | 46.31 2.69 -21.56 | 44.79 2.28 -20.99 | 43.13 1.72 -22.57 |
| KERHONKS_69_KV_TR1_REV_LBMP_G 345021 | 35.49 1.27 -21.53 | 33.42 1.31 -19.55 | 34.58 1.25 -21.28 | 33.46 1.31 -19.83 | 33.00 1.30 -19.00 | 35.25 1.49 -18.81 | 47.50 2.24 -23.91 | 49.76 2.45 -25.41 | 50.01 2.17 -30.20 | 47.99 2.15 -28.37 | 46.02 2.16 -25.99 | 44.97 2.17 -25.02 | 43.54 2.13 -23.61 | 42.79 2.24 -22.37 | 42.14 2.20 -21.79 | 43.46 2.26 -23.16 | 56.80 2.18 -36.85 | 67.40 2.70 -43.23 | 62.39 2.64 -38.93 | 58.10 2.67 -34.28 | 53.27 2.68 -28.80 | 45.41 2.78 -20.57 | 43.53 2.37 -19.65 | 41.81 1.83 -21.13 |
| KIAC_JFK_GT1 23816 | 36.99 1.26 -23.04 | 34.75 1.26 -20.93 | 35.99 1.17 -22.78 | 34.74 1.18 -21.23 | 34.24 1.19 -20.34 | 36.53 1.45 -20.14 | 49.12 2.18 -25.59 | 51.69 2.58 -27.20 | 51.60 2.28 -31.68 | 49.40 2.27 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.79 2.28 -24.72 | 44.06 2.33 -23.55 | 43.42 2.34 -22.92 | 44.77 2.38 -24.34 | 58.86 2.27 -38.82 | 69.57 2.60 -45.51 | 63.90 2.54 -40.54 | 59.55 2.64 -35.75 | 54.72 2.68 -30.25 | 46.43 2.78 -21.59 | 44.92 2.37 -21.04 | 43.11 1.64 -22.62 |
| KIAC_JFK_GT2 23817 | 36.99 1.26 -23.04 | 34.75 1.26 -20.93 | 35.99 1.17 -22.78 | 34.74 1.18 -21.23 | 34.24 1.19 -20.34 | 36.53 1.45 -20.14 | 49.12 2.18 -25.59 | 51.69 2.58 -27.20 | 51.60 2.28 -31.68 | 49.40 2.27 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.79 2.28 -24.72 | 44.06 2.33 -23.55 | 43.42 2.34 -22.92 | 44.77 2.38 -24.34 | 58.86 2.27 -38.82 | 69.57 2.60 -45.51 | 63.90 2.54 -40.54 | 59.55 2.64 -35.75 | 54.72 2.68 -30.25 | 46.43 2.78 -21.59 | 44.92 2.37 -21.04 | 43.11 1.64 -22.62 |
| KINTIGH____ 23543 | 15.37 0.14 -2.54 | 14.88 0.01 -2.31 | 14.52 -0.04 -2.51 | 14.60 -0.06 -2.34 | 15.01 0.06 -2.24 | 17.48 0.31 -2.22 | 24.45 0.28 -2.82 | 24.66 -0.24 -3.00 | 28.08 -0.58 -11.03 | 28.41 -0.63 -11.57 | 26.52 -0.63 -9.28 | 26.67 -0.71 -9.61 | 26.49 -0.59 -9.29 | 24.88 -0.54 -7.25 | 24.90 -0.56 -7.30 | 25.37 -0.59 -7.93 | 28.48 -0.83 -11.55 | 34.27 -1.09 -13.90 | 37.29 -1.12 -17.60 | 34.88 -1.16 -14.89 | 30.48 -1.33 -10.02 | 28.16 -1.24 -7.33 | 22.92 -0.82 -2.22 | 20.97 -0.26 -2.38 |
| LEDERLE____ 23769 | 36.12 1.26 -22.17 | 33.96 1.27 -20.13 | 35.16 1.20 -21.91 | 33.98 1.23 -20.42 | 33.53 1.26 -19.56 | 35.79 1.48 -19.37 | 48.19 2.22 -24.62 | 50.54 2.47 -26.17 | 50.62 2.15 -30.83 | 48.56 2.17 -28.92 | 46.59 2.18 -26.54 | 45.49 2.19 -25.53 | 44.07 2.19 -24.09 | 43.31 2.25 -22.87 | 42.68 2.25 -22.27 | 43.98 2.27 -23.67 | 57.61 2.15 -37.69 | 68.22 2.55 -44.20 | 62.92 2.48 -39.62 | 58.63 2.56 -34.91 | 53.82 2.61 -29.42 | 45.78 2.71 -21.01 | 44.06 2.30 -20.24 | 42.36 1.75 -21.76 |
| LINDEN COGEN____ 23786 | 36.94 1.21 -23.04 | 34.71 1.22 -20.93 | 35.97 1.14 -22.78 | 34.71 1.16 -21.23 | 34.22 1.18 -20.34 | 36.47 1.39 -20.14 | 49.08 2.13 -25.59 | 51.62 2.52 -27.20 | 51.54 2.22 -31.68 | 49.37 2.24 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.77 2.26 -24.72 | 44.06 2.33 -23.55 | 43.40 2.32 -22.92 | 44.73 2.34 -24.34 | 58.82 2.24 -38.82 | 64.54 2.51 -40.56 | 63.83 2.48 -40.54 | 59.49 2.58 -35.75 | 54.67 2.64 -30.25 | 46.41 2.76 -21.59 | 44.86 2.30 -21.04 | 43.11 1.64 -22.62 |
| LIPA_MISC_IPP 23656 | 36.94 1.21 -23.04 | 34.96 1.47 -20.93 | 36.25 1.42 -22.78 | 34.88 1.32 -21.23 | 34.27 1.22 -20.34 | 36.86 1.78 -20.14 | 50.24 3.18 -25.71 | 52.47 3.22 -27.34 | 52.71 2.98 -32.09 | 49.97 2.72 -29.77 | 48.23 2.75 -27.61 | 47.12 2.90 -26.45 | 46.03 2.88 -25.36 | 44.97 2.98 -23.80 | 44.58 3.03 -23.39 | 46.93 3.08 -25.80 | 59.83 3.23 -38.83 | 75.64 3.65 -50.53 | 69.95 3.56 -45.57 | 60.59 3.66 -35.77 | 57.82 3.81 -32.21 | 48.91 3.57 -23.27 | 45.98 3.21 -21.26 | 44.78 2.70 -23.23 |
| LISF____SOLAR 323691 | 36.94 1.21 -23.04 | 34.99 1.49 -20.93 | 36.26 1.43 -22.78 | 34.89 1.33 -21.23 | 34.27 1.22 -20.34 | 36.87 1.79 -20.14 | 50.26 3.20 -25.71 | 52.47 3.22 -27.35 | 52.74 3.02 -32.09 | 49.99 2.74 -29.77 | 48.25 2.77 -27.61 | 47.14 2.92 -26.45 | 46.06 2.90 -25.36 | 44.99 3.00 -23.81 | 44.61 3.05 -23.40 | 46.95 3.10 -25.81 | 59.90 3.30 -38.83 | 75.71 3.71 -50.53 | 70.01 3.62 -45.57 | 60.65 3.72 -35.77 | 57.88 3.88 -32.21 | 48.96 3.62 -23.28 | 46.03 3.25 -21.26 | 44.82 2.73 -23.23 |
| LITTLE FALLS____HYD 24013 | 12.14 0.88 1.43 | 12.12 0.85 1.29 | 11.46 0.82 1.41 | 11.85 0.84 1.31 | 12.34 0.89 1.26 | 14.79 1.09 1.25 | 21.36 1.60 1.60 | 21.84 1.62 1.68 | 27.37 1.29 -8.44 | 28.30 1.20 -9.62 | 26.05 1.22 -6.97 | 26.62 1.19 -7.65 | 26.50 1.17 -7.53 | 24.35 1.20 -4.97 | 24.53 1.20 -5.18 | 25.06 1.21 -5.81 | 26.91 1.24 -7.90 | 32.75 1.52 -9.76 | 38.17 1.52 -15.83 | 35.82 1.57 -13.10 | 30.98 1.64 -7.55 | 29.47 1.77 -5.64 | 22.01 1.74 1.25 | 19.06 1.55 1.34 |
| LI_NEWBRDGE____DRP 323616 | 36.95 1.22 -23.04 | 34.77 1.28 -20.93 | 36.04 1.22 -22.78 | 34.74 1.18 -21.23 | 34.19 1.14 -20.34 | 36.69 1.61 -20.14 | 49.70 2.73 -25.61 | 52.13 3.00 -27.23 | 52.21 2.59 -31.97 | 49.76 2.60 -29.68 | 47.84 2.63 -27.34 | 46.64 2.61 -26.25 | 45.43 2.62 -25.02 | 44.49 2.71 -23.60 | 44.02 2.72 -23.14 | 46.24 2.71 -25.49 | 59.17 2.58 -38.83 | 74.97 2.98 -50.53 | 69.22 2.91 -45.49 | 59.95 3.03 -35.77 | 57.06 3.07 -32.20 | 48.19 3.22 -22.91 | 45.41 2.82 -21.08 | 44.14 2.19 -23.10 |
| LONG LAKE_PHOENIX 24014 | 13.95 0.04 -1.22 | 13.66 -0.01 -1.11 | 13.22 -0.04 -1.21 | 13.43 -0.02 -1.13 | 13.82 0.04 -1.08 | 16.10 0.09 -1.07 | 22.81 0.11 -1.35 | 23.43 0.09 -1.44 | 26.94 -0.02 -9.32 | 27.44 -0.02 -9.98 | 25.66 -0.02 -7.81 | 25.96 -0.02 -8.20 | 25.72 -0.04 -7.97 | 24.11 -0.04 -5.97 | 24.18 -0.04 -6.06 | 24.65 -0.05 -6.66 | 27.36 -0.05 -9.64 | 33.11 -0.02 -11.67 | 36.42 -0.04 -15.64 | 34.27 -0.04 -13.16 | 30.28 -0.04 -8.54 | 28.25 -0.09 -6.28 | 22.61 -0.06 -1.16 | 20.10 0.00 -1.25 |

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|---------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOVETT___3 23632 | 36.08 1.13 -22.26 | 33.91 1.13 -20.21 | 35.12 1.07 -22.00 | 33.93 1.10 -20.50 | 33.47 1.12 -19.64 | 35.71 1.32 -19.45 | 48.05 1.99 -24.72 | 50.41 2.24 -26.27 | 50.52 1.96 -30.92 | 48.45 1.97 -29.00 | 46.47 1.98 -26.62 | 45.37 1.99 -25.60 | 43.93 1.99 -24.15 | 43.18 2.05 -22.94 | 42.55 2.05 -22.34 | 43.85 2.07 -23.73 | 57.53 1.95 -37.80 | 68.10 2.30 -44.34 | 62.76 2.23 -39.71 | 58.46 2.31 -35.00 | 53.65 2.35 -29.50 | 45.58 2.45 -21.07 | 43.90 2.07 -20.32 | 42.24 1.55 -21.84 |
| LOVETT___4 23642 | 36.12 1.15 -22.27 | 33.96 1.17 -20.22 | 35.17 1.11 -22.01 | 33.98 1.13 -20.52 | 33.52 1.16 -19.66 | 35.76 1.36 -19.46 | 48.13 2.05 -24.73 | 50.49 2.30 -26.29 | 50.58 2.01 -30.93 | 48.51 2.03 -29.01 | 46.53 2.04 -26.63 | 45.43 2.04 -25.61 | 44.00 2.05 -24.16 | 43.24 2.11 -22.95 | 42.61 2.11 -22.35 | 43.92 2.13 -23.74 | 57.60 2.01 -37.82 | 68.18 2.36 -44.36 | 62.84 2.29 -39.73 | 58.53 2.37 -35.01 | 53.72 2.42 -29.51 | 45.65 2.51 -21.08 | 43.98 2.13 -20.33 | 42.31 1.60 -21.86 |
| LOVETT___5 23593 | 36.12 1.15 -22.27 | 33.96 1.17 -20.22 | 35.17 1.11 -22.01 | 33.98 1.13 -20.52 | 33.52 1.16 -19.66 | 35.76 1.36 -19.46 | 48.13 2.05 -24.73 | 50.49 2.30 -26.29 | 50.58 2.01 -30.93 | 48.51 2.03 -29.01 | 46.53 2.04 -26.63 | 45.43 2.04 -25.61 | 44.00 2.05 -24.16 | 43.24 2.11 -22.95 | 42.61 2.11 -22.35 | 43.92 2.13 -23.74 | 57.60 2.01 -37.82 | 68.18 2.36 -44.36 | 62.84 2.29 -39.73 | 58.53 2.37 -35.01 | 53.72 2.42 -29.51 | 45.65 2.51 -21.08 | 43.98 2.13 -20.33 | 42.31 1.60 -21.86 |
| LOWER RAQUET___HYD 24057 | 11.46 -1.23 0.00 | 11.26 -1.31 0.00 | 10.72 -1.33 0.00 | 10.97 -1.36 0.00 | 11.18 -1.52 0.00 | 12.79 -2.15 0.00 | 17.12 -4.01 0.22 | 19.34 -2.56 0.00 | 21.43 -2.28 -6.07 | 21.45 -2.71 -6.68 | 20.90 -2.02 -5.05 | 21.41 -1.78 -5.41 | 21.62 -1.46 -5.29 | 20.26 -1.67 -3.75 | 20.41 -1.60 -3.85 | 20.63 -1.66 -4.25 | 22.22 -1.40 -5.86 | 26.02 -2.60 -7.15 | 28.00 -3.29 -10.47 | 26.36 -3.53 -8.74 | 24.43 -2.72 -5.36 | 23.63 -2.40 -3.97 | 20.23 -1.29 0.00 | 16.59 -2.26 0.00 |
| LOWER___HUDSON 24059 | 49.62 0.98 -35.95 | 46.14 0.93 -32.65 | 48.46 0.88 -35.54 | 46.35 0.90 -33.12 | 45.39 0.95 -31.73 | 47.54 1.18 -31.42 | 63.14 1.86 -39.93 | 66.15 1.80 -42.45 | 63.32 1.64 -44.04 | 59.41 1.61 -40.34 | 57.59 1.64 -38.08 | 55.47 1.62 -36.07 | 53.27 1.62 -33.86 | 53.25 1.65 -33.41 | 52.15 1.65 -32.34 | 53.89 1.62 -34.23 | 74.67 1.62 -55.28 | 88.02 2.00 -64.55 | 76.53 1.94 -53.77 | 70.97 1.95 -47.87 | 66.13 1.98 -42.35 | 54.15 1.99 -30.10 | 56.29 1.91 -32.85 | 55.62 1.45 -35.32 |
| LWR___OSWEGATCHIE_HYD 23850 | 11.78 -0.91 0.00 | 11.57 -0.99 0.00 | 11.03 -1.01 0.00 | 11.30 -1.02 0.00 | 11.61 -1.09 0.00 | 13.46 -1.48 0.00 | 18.53 -2.67 0.15 | 20.17 -1.73 0.00 | 23.14 -1.55 -7.05 | 23.42 -1.82 -7.77 | 22.34 -1.39 -5.87 | 22.84 -1.23 -6.29 | 22.90 -1.03 -6.14 | 21.34 -1.20 -4.36 | 21.48 -1.14 -4.47 | 21.79 -1.19 -4.94 | 23.65 -0.98 -6.86 | 28.15 -1.70 -8.38 | 31.00 -2.08 -12.27 | 29.11 -2.29 -10.24 | 26.29 -1.79 -6.29 | 25.11 -1.61 -4.65 | 20.55 -0.97 0.00 | 17.29 -1.56 0.00 |
| LYONS_FALL_HYD 23570 | 11.97 -0.13 0.60 | 11.83 -0.19 0.54 | 11.24 -0.22 0.59 | 11.55 -0.22 0.55 | 12.00 -0.18 0.53 | 14.20 -0.22 0.52 | 20.26 -0.38 0.71 | 21.09 -0.11 0.70 | 25.76 -0.12 -8.24 | 26.51 -0.17 -9.22 | 24.64 -0.07 -6.84 | 25.17 -0.02 -7.41 | 25.03 -0.02 -7.26 | 23.10 -0.07 -4.99 | 23.26 -0.05 -5.15 | 24.12 -0.09 -6.17 | 26.47 0.05 -8.65 | 32.05 0.02 -10.56 | 36.24 -0.04 -15.46 | 33.91 -0.15 -12.90 | 29.67 -0.04 -7.92 | 27.88 -0.04 -5.87 | 21.54 0.02 0.00 | 18.68 -0.17 0.00 |
| MADISON___COUNTY_LFGE 323628 | 13.06 0.37 0.00 | 12.86 0.30 0.00 | 12.30 0.25 0.00 | 12.59 0.26 0.00 | 13.05 0.34 0.00 | 15.39 0.45 0.00 | 22.00 0.66 0.02 | 22.65 0.75 0.00 | 27.31 0.55 -9.13 | 28.06 0.54 -10.05 | 26.05 0.59 -7.60 | 26.52 0.60 -8.14 | 26.31 0.57 -7.95 | 24.36 0.54 -5.64 | 24.49 0.54 -5.79 | 24.94 0.50 -6.39 | 27.32 0.59 -8.97 | 33.19 0.77 -10.95 | 37.60 0.75 -16.03 | 35.23 0.70 -13.38 | 30.72 0.72 -8.21 | 28.81 0.66 -6.08 | 22.14 0.62 0.00 | 19.40 0.55 0.00 |
| MAPLE_RIDGE_WT_1 323574 | 10.02 -0.22 2.46 | 10.13 -0.20 2.23 | 9.42 -0.19 2.43 | 9.87 -0.20 2.26 | 10.32 -0.22 2.17 | 12.54 -0.25 2.15 | 18.23 -0.34 2.78 | 18.68 -0.33 2.90 | 20.85 -0.28 -3.50 | 21.60 -0.28 -4.41 | 20.38 -0.30 -2.81 | 20.83 -0.29 -3.34 | 20.88 -0.27 -3.35 | 19.66 -0.25 -1.74 | 19.84 -0.24 -1.91 | 20.07 -0.20 -2.23 | 20.14 -0.14 -2.52 | 24.59 -0.15 -3.27 | 28.19 -0.14 -7.51 | 27.08 -0.15 -6.07 | 24.52 -0.13 -2.86 | 24.18 -0.09 -2.20 | 19.25 -0.06 2.20 | 16.43 -0.06 2.36 |
| MAPLE_RIDGE_WT_2 323611 | 10.02 -0.22 2.46 | 10.13 -0.20 2.23 | 9.42 -0.19 2.43 | 9.87 -0.20 2.26 | 10.32 -0.22 2.17 | 12.54 -0.25 2.15 | 18.23 -0.34 2.78 | 18.68 -0.33 2.90 | 20.85 -0.28 -3.50 | 21.60 -0.28 -4.41 | 20.38 -0.30 -2.81 | 20.83 -0.29 -3.34 | 20.88 -0.27 -3.35 | 19.66 -0.25 -1.74 | 19.84 -0.24 -1.91 | 20.07 -0.20 -2.23 | 20.14 -0.14 -2.52 | 24.59 -0.15 -3.27 | 28.19 -0.14 -7.51 | 27.08 -0.15 -6.07 | 24.52 -0.13 -2.86 | 24.18 -0.09 -2.20 | 19.25 -0.06 2.20 | 16.43 -0.06 2.36 |
| MARBLE_RIVER_WT_PWR 323696 | 11.24 -0.74 0.71 | 11.21 -0.70 0.65 | 10.67 -0.67 0.71 | 10.97 -0.70 0.66 | 11.25 -0.83 0.63 | 13.29 -1.03 0.62 | 18.65 -1.43 1.27 | 19.66 -1.40 0.84 | 18.25 -1.22 -1.83 | 18.47 -1.17 -2.17 | 18.18 -1.18 -1.49 | 18.35 -1.12 -1.69 | 18.41 -1.07 -1.68 | 18.06 -1.13 -1.00 | 18.12 -1.11 -1.07 | 18.24 -1.03 -1.22 | 18.42 -0.78 -1.43 | 22.36 -0.90 -1.80 | 23.26 -0.89 -3.34 | 22.98 -0.91 -2.73 | 22.42 -0.83 -1.45 | 22.30 -0.86 -1.10 | 20.24 -0.71 0.57 | 17.72 -0.53 0.61 |
| MARSH_HILL_WT_PWR 323713 | 17.49 0.72 -4.07 | 16.84 0.58 -3.70 | 16.60 0.53 -4.03 | 16.62 0.54 -3.75 | 17.02 0.72 -3.60 | 19.67 1.17 -3.56 | 27.54 1.67 -4.52 | 28.02 1.31 -4.81 | 31.03 0.76 -12.63 | 31.16 0.70 -12.98 | 29.22 0.68 -10.68 | 29.32 0.64 -10.90 | 28.86 0.57 -10.49 | 27.28 0.60 -8.50 | 27.25 0.58 -8.51 | 27.81 0.63 -9.14 | 31.91 0.60 -13.54 | 38.60 0.92 -16.21 | 41.02 0.87 -19.33 | 38.50 0.89 -16.45 | 33.95 0.65 -11.50 | 31.00 0.55 -8.38 | 25.65 0.58 -3.55 | 23.59 0.92 -3.82 |
| MG INDUSTRY___DRP 24185 | 47.98 0.80 -34.49 | 44.68 0.79 -31.32 | 46.88 0.75 -34.09 | 44.86 0.76 -31.77 | 43.95 0.80 -30.44 | 46.05 0.97 -30.14 | 61.10 1.45 -38.30 | 64.02 1.40 -40.71 | 61.63 1.32 -42.66 | 57.94 1.31 -39.15 | 56.08 1.34 -36.87 | 54.07 1.32 -34.98 | 51.95 1.32 -32.85 | 51.83 1.35 -32.31 | 50.79 1.34 -31.28 | 52.50 1.34 -33.12 | 72.51 1.30 -53.44 | 85.46 1.57 -62.42 | 74.66 1.52 -52.32 | 69.24 1.54 -46.54 | 64.38 1.59 -41.00 | 52.83 1.61 -29.16 | 54.55 1.53 -31.51 | 54.10 1.38 -33.87 |
| MID___OSWEGATCHIE_HYD 23849 | 11.78 -0.91 0.00 | 11.57 -0.99 0.00 | 11.03 -1.01 0.00 | 11.30 -1.02 0.00 | 11.61 -1.09 0.00 | 13.46 -1.48 0.00 | 18.53 -2.67 0.15 | 20.17 -1.73 0.00 | 23.14 -1.55 -7.05 | 23.42 -1.82 -7.77 | 22.34 -1.39 -5.87 | 22.84 -1.23 -6.29 | 22.90 -1.03 -6.14 | 21.34 -1.20 -4.36 | 21.48 -1.14 -4.47 | 21.79 -1.19 -4.94 | 23.65 -0.98 -6.86 | 28.15 -1.70 -8.38 | 31.00 -2.08 -12.27 | 29.11 -2.29 -10.24 | 26.29 -1.79 -6.29 | 25.11 -1.61 -4.65 | 20.55 -0.97 0.00 | 17.29 -1.56 0.00 |
| MID___RAQUETTE_HYD 23851 | 11.46 -1.23 0.00 | 11.26 -1.31 0.00 | 10.72 -1.33 0.00 | 10.97 -1.36 0.00 | 11.18 -1.52 0.00 | 12.79 -2.15 0.00 | 17.12 -4.01 0.22 | 19.34 -2.56 0.00 | 21.43 -2.28 -6.07 | 21.45 -2.71 -6.68 | 20.90 -2.02 -5.05 | 21.41 -1.78 -5.41 | 21.62 -1.46 -5.29 | 20.26 -1.67 -3.75 | 20.41 -1.60 -3.85 | 20.63 -1.66 -4.25 | 22.22 -1.40 -5.86 | 26.02 -2.60 -7.15 | 28.00 -3.29 -10.47 | 26.36 -3.53 -8.74 | 24.43 -2.72 -5.36 | 23.63 -2.40 -3.97 | 20.23 -1.29 0.00 | 16.59 -2.26 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| MILLIKEN___1 23584 | 16.83 0.55 -3.59 | 16.27 0.45 -3.26 | 15.99 0.40 -3.55 | 16.06 0.43 -3.31 | 16.42 0.55 -3.17 | 18.82 0.75 -3.14 | 26.42 1.09 -3.98 | 27.21 1.07 -4.24 | 30.42 0.72 -12.06 | 30.67 0.73 -12.46 | 28.78 0.73 -10.18 | 28.94 0.73 -10.43 | 28.54 0.69 -10.06 | 26.94 0.69 -8.07 | 26.93 0.69 -8.08 | 27.29 0.70 -8.54 | 31.15 0.73 -12.65 | 37.63 0.99 -15.18 | 40.30 0.96 -18.53 | 37.84 0.95 -15.73 | 33.54 0.92 -10.84 | 30.81 0.84 -7.91 | 25.25 0.75 -2.98 | 22.83 0.77 -3.20 |
| MILLIKEN___2 23585 | 16.83 0.55 -3.59 | 16.27 0.45 -3.26 | 15.99 0.40 -3.55 | 16.06 0.43 -3.31 | 16.42 0.55 -3.17 | 18.82 0.75 -3.14 | 26.42 1.09 -3.98 | 27.21 1.07 -4.24 | 30.42 0.72 -12.06 | 30.67 0.73 -12.46 | 28.78 0.73 -10.18 | 28.94 0.73 -10.43 | 28.54 0.69 -10.06 | 26.94 0.69 -8.07 | 26.93 0.69 -8.08 | 27.29 0.70 -8.54 | 31.15 0.73 -12.65 | 37.63 0.99 -15.18 | 40.30 0.96 -18.53 | 37.84 0.95 -15.73 | 33.54 0.92 -10.84 | 30.81 0.84 -7.91 | 25.25 0.75 -2.98 | 22.83 0.77 -3.20 |
| MILLIKEN___DIESEL 23629 | 16.83 0.55 -3.59 | 16.27 0.45 -3.26 | 15.99 0.40 -3.55 | 16.06 0.43 -3.31 | 16.42 0.55 -3.17 | 18.82 0.75 -3.14 | 26.42 1.09 -3.98 | 27.21 1.07 -4.24 | 30.42 0.72 -12.06 | 30.67 0.73 -12.46 | 28.78 0.73 -10.18 | 28.94 0.73 -10.43 | 28.54 0.69 -10.06 | 26.94 0.69 -8.07 | 26.93 0.69 -8.08 | 27.29 0.70 -8.54 | 31.15 0.73 -12.65 | 37.63 0.99 -15.18 | 40.30 0.96 -18.53 | 37.84 0.95 -15.73 | 33.54 0.92 -10.84 | 30.81 0.84 -7.91 | 25.25 0.75 -2.98 | 22.83 0.77 -3.20 |
| MILLSEAT___LFGE 323607 | 16.01 0.57 -2.74 | 15.46 0.40 -2.49 | 15.09 0.34 -2.71 | 15.16 0.31 -2.53 | 15.62 0.50 -2.42 | 18.27 0.93 -2.40 | 25.53 1.13 -3.05 | 25.62 0.48 -3.24 | 28.96 0.09 -11.24 | 29.22 0.00 -11.75 | 27.31 -0.02 -9.46 | 27.47 -0.09 -9.78 | 27.19 -0.05 -9.45 | 25.56 -0.04 -7.41 | 25.56 -0.05 -7.46 | 26.01 -0.13 -8.09 | 29.37 -0.18 -11.78 | 35.46 -0.17 -14.17 | 38.37 -0.25 -17.80 | 35.91 -0.32 -15.07 | 31.46 -0.52 -10.19 | 28.90 -0.62 -7.45 | 23.57 -0.32 -2.38 | 21.76 0.36 -2.55 |
| MILLWOOD_138_KV_38W41_REV_LBMP_H 345005 | 36.82 1.19 -22.93 | 34.59 1.21 -20.82 | 35.86 1.14 -22.67 | 34.61 1.16 -21.12 | 34.13 1.18 -20.24 | 36.37 1.39 -20.04 | 48.93 2.11 -25.47 | 51.36 2.39 -27.07 | 51.31 2.10 -31.57 | 49.15 2.11 -29.57 | 47.18 2.13 -27.19 | 46.01 2.11 -26.12 | 44.54 2.12 -24.63 | 43.84 2.20 -23.46 | 43.19 2.20 -22.83 | 44.50 2.20 -24.26 | 58.55 2.11 -38.67 | 69.27 2.47 -45.34 | 63.63 2.39 -40.42 | 59.27 2.47 -35.64 | 54.46 2.53 -30.14 | 46.20 2.62 -21.52 | 44.67 2.22 -20.93 | 43.04 1.68 -22.51 |
| MODEL_CITY_ENERGY 24167 | 15.91 0.33 -2.89 | 15.33 0.15 -2.62 | 15.02 0.12 -2.85 | 15.05 0.06 -2.66 | 15.45 0.20 -2.55 | 18.05 0.58 -2.52 | 25.13 0.58 -3.20 | 25.05 -0.26 -3.41 | 28.52 -0.51 -11.39 | 28.78 -0.58 -11.89 | 26.85 -0.61 -9.59 | 26.99 -0.69 -9.90 | 26.70 -0.66 -9.56 | 25.04 -0.67 -7.53 | 25.04 -0.69 -7.57 | 25.53 -0.72 -8.21 | 28.90 -0.83 -11.96 | 34.82 -1.03 -14.38 | 37.67 -1.10 -17.96 | 35.21 -1.16 -15.21 | 30.74 -1.37 -10.33 | 28.20 -1.41 -7.55 | 23.00 -1.01 -2.50 | 21.39 -0.15 -2.68 |
| MODERN_LFGE___ 323580 | 15.91 0.33 -2.89 | 15.33 0.15 -2.62 | 15.02 0.12 -2.85 | 15.05 0.06 -2.66 | 15.45 0.20 -2.55 | 18.05 0.58 -2.52 | 25.13 0.58 -3.20 | 25.05 -0.26 -3.41 | 28.52 -0.51 -11.39 | 28.78 -0.58 -11.89 | 26.85 -0.61 -9.59 | 26.99 -0.69 -9.90 | 26.70 -0.66 -9.56 | 25.04 -0.67 -7.53 | 25.04 -0.69 -7.57 | 25.53 -0.72 -8.21 | 28.90 -0.83 -11.96 | 34.82 -1.03 -14.38 | 37.67 -1.10 -17.96 | 35.21 -1.16 -15.21 | 30.74 -1.37 -10.33 | 28.20 -1.41 -7.55 | 23.00 -1.01 -2.50 | 21.39 -0.15 -2.68 |
| MOHAWK_PAPER___DRP 24187 | 49.08 1.02 -35.37 | 45.66 0.98 -32.12 | 47.94 0.93 -34.96 | 45.86 0.95 -32.58 | 44.93 1.00 -31.22 | 47.08 1.23 -30.91 | 62.48 1.86 -39.28 | 65.45 1.80 -41.75 | 62.77 1.64 -43.49 | 58.96 1.63 -39.87 | 57.13 1.66 -37.60 | 55.05 1.63 -35.64 | 52.89 1.64 -33.46 | 52.82 1.67 -32.97 | 51.74 1.67 -31.92 | 53.47 1.64 -33.79 | 73.94 1.62 -54.55 | 87.14 1.97 -63.71 | 75.93 1.91 -53.20 | 70.45 1.95 -47.34 | 65.59 1.98 -41.82 | 53.78 1.99 -29.73 | 55.77 1.94 -32.32 | 55.12 1.53 -34.74 |
| MONGAUP___HYD 23641 | 34.97 1.32 -20.96 | 32.97 1.37 -19.04 | 34.08 1.31 -20.72 | 33.02 1.38 -19.31 | 32.57 1.36 -18.50 | 34.82 1.55 -18.32 | 46.94 2.31 -23.28 | 49.12 2.47 -24.74 | 49.46 2.15 -29.66 | 47.53 2.15 -27.91 | 45.57 2.18 -25.52 | 44.56 2.19 -24.59 | 43.14 2.13 -23.22 | 42.36 2.24 -21.94 | 41.74 2.20 -21.38 | 43.01 2.24 -22.73 | 56.07 2.17 -36.14 | 66.55 2.68 -42.41 | 61.80 2.62 -38.36 | 57.58 2.67 -33.76 | 52.74 2.68 -28.27 | 45.05 2.78 -20.20 | 43.04 2.39 -19.13 | 41.35 1.92 -20.57 |
| MONTAUK___DIESEL 23721 | 37.65 1.92 -23.04 | 35.73 2.24 -20.93 | 36.99 2.17 -22.78 | 35.63 2.07 -21.23 | 34.99 1.94 -20.34 | 37.78 2.71 -20.14 | 51.80 4.74 -25.71 | 54.06 4.82 -27.35 | 54.07 4.34 -32.09 | 51.16 3.91 -29.77 | 49.45 3.97 -27.61 | 48.35 4.12 -26.45 | 47.25 4.09 -25.36 | 46.15 4.16 -23.81 | 45.79 4.23 -23.40 | 48.23 4.38 -25.81 | 61.45 4.85 -38.83 | 77.62 5.62 -50.53 | 71.86 5.47 -45.57 | 62.49 5.56 -35.77 | 59.71 5.71 -32.21 | 50.59 5.25 -23.28 | 47.49 4.71 -21.26 | 46.15 4.07 -23.23 |
| MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006 | 37.02 1.28 -23.05 | 34.79 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 49.46 2.32 -29.66 | 47.49 2.34 -27.28 | 46.33 2.35 -26.21 | 44.86 2.35 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.91 2.33 -38.82 | 69.66 2.68 -45.51 | 63.96 2.60 -40.54 | 59.62 2.71 -35.75 | 54.79 2.75 -30.25 | 46.52 2.87 -21.59 | 44.99 2.43 -21.04 | 43.28 1.81 -22.62 |
| MUNSVILLE_WIND_PWR 323609 | 19.42 1.04 -5.69 | 18.61 0.88 -5.17 | 18.48 0.81 -5.62 | 18.44 0.88 -5.24 | 18.83 1.10 -5.02 | 21.35 1.43 -4.97 | 29.93 2.26 -6.32 | 31.05 2.43 -6.72 | 33.92 1.87 -14.41 | 33.92 1.87 -14.58 | 31.94 1.86 -12.22 | 31.97 1.85 -12.34 | 31.38 1.74 -11.84 | 29.72 1.65 -9.88 | 29.64 1.65 -9.83 | 30.13 1.62 -10.46 | 35.40 1.83 -15.80 | 42.82 2.51 -18.85 | 44.79 2.58 -21.39 | 41.94 2.47 -18.31 | 37.51 2.50 -13.21 | 33.99 2.34 -9.59 | 28.63 2.11 -5.00 | 26.23 2.00 -5.38 |
| N SALMON___HYD 24042 | 11.22 -0.88 0.60 | 11.15 -0.87 0.54 | 10.61 -0.84 0.59 | 10.90 -0.87 0.55 | 11.16 -1.02 0.53 | 13.07 -1.34 0.52 | 18.25 -2.05 1.05 | 19.51 -1.69 0.71 | 19.25 -1.52 -3.13 | 19.54 -1.52 -3.58 | 19.09 -1.36 -2.58 | 19.38 -1.25 -2.85 | 19.46 -1.14 -2.80 | 18.72 -1.29 -1.83 | 18.82 -1.25 -1.91 | 19.01 -1.19 -2.16 | 20.34 -0.87 -3.44 | 24.49 -1.18 -4.20 | 25.64 -1.33 -6.15 | 24.87 -1.42 -5.13 | 23.76 -1.18 -3.15 | 23.18 -1.21 -2.33 | 20.66 -0.86 0.00 | 17.97 -0.89 0.00 |
| N.E_GEN_SANDY PD 24062 | 44.07 1.10 -30.28 | 41.11 1.06 -27.50 | 42.97 1.00 -29.93 | 41.24 1.02 -27.89 | 40.52 1.09 -26.72 | 42.73 1.33 -26.46 | 57.22 2.18 -33.69 | 59.88 2.17 -35.81 | 58.30 1.96 -38.70 | 55.13 1.92 -35.73 | 53.26 1.98 -33.41 | 51.57 1.97 -31.81 | 49.68 1.97 -29.91 | 49.34 2.02 -29.14 | 48.43 2.02 -28.26 | 50.01 2.02 -29.95 | 67.87 1.95 -48.15 | 80.17 2.40 -56.30 | 71.20 2.31 -48.07 | 66.13 2.33 -42.64 | 61.30 2.40 -37.11 | 50.89 2.41 -26.42 | 51.42 2.20 -27.71 | 50.32 1.68 -29.79 |
| N.HEMPST_138_KV_BK345_REV_LBMP_G 345014 | 36.11 1.19 -22.23 | 33.95 1.21 -20.18 | 35.16 1.14 -21.97 | 33.97 1.17 -20.48 | 33.50 1.18 -19.62 | 35.77 1.40 -19.42 | 48.13 2.09 -24.68 | 50.48 2.34 -26.23 | 50.57 2.05 -30.89 | 48.51 2.06 -28.97 | 46.53 2.07 -26.59 | 45.43 2.08 -25.57 | 44.00 2.08 -24.13 | 43.26 2.16 -22.92 | 42.63 2.16 -22.31 | 43.94 2.18 -23.71 | 57.59 2.06 -37.76 | 68.18 2.42 -44.29 | 62.85 2.35 -39.68 | 58.55 2.43 -34.97 | 53.75 2.48 -29.47 | 45.69 2.58 -21.05 | 44.00 2.20 -20.29 | 42.32 1.66 -21.81 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_1 24228 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_2 24229 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_3 24230 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_4 24231 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_5 24232 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_6 24233 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_7 24234 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT1_8 24235 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_1 24236 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_2 24237 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_3 24238 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_4 24239 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_5 24240 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_6 24241 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NARROWS_GT2_7 24242 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_8 24243 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022 | 40.56 1.13 -26.74 | 37.99 1.14 -24.29 | 39.58 1.10 -26.43 | 38.13 1.17 -24.64 | 37.46 1.16 -23.60 | 39.66 1.35 -23.37 | 53.06 2.01 -29.70 | 55.53 2.06 -31.57 | 54.74 1.87 -35.23 | 52.04 1.83 -32.73 | 50.12 1.88 -30.38 | 48.70 1.83 -29.04 | 46.97 1.93 -27.34 | 46.49 1.93 -26.38 | 45.67 1.89 -25.62 | 47.13 1.91 -27.18 | 63.19 1.88 -43.54 | 74.84 2.40 -50.97 | 67.49 2.33 -44.35 | 62.72 2.33 -39.23 | 57.85 2.33 -33.72 | 48.50 2.41 -24.04 | 48.07 2.13 -24.42 | 46.90 1.79 -26.26 |
| NEG CAPITAL___MECHNVIL 23645 | 50.52 1.09 -36.74 | 46.98 1.06 -33.36 | 49.36 1.00 -36.31 | 47.18 1.01 -33.84 | 46.18 1.05 -32.42 | 48.33 1.29 -32.10 | 64.25 2.09 -40.80 | 67.43 2.15 -43.38 | 64.32 1.91 -44.78 | 60.31 1.87 -40.97 | 58.52 1.93 -38.72 | 56.31 1.87 -36.66 | 54.07 1.87 -34.41 | 54.09 1.91 -34.00 | 52.97 1.91 -32.90 | 54.74 1.88 -34.82 | 75.93 1.88 -56.27 | 89.53 2.36 -65.70 | 77.66 2.29 -54.56 | 72.01 2.26 -48.59 | 67.16 2.29 -43.08 | 54.97 2.29 -30.61 | 57.29 2.20 -33.58 | 56.62 1.68 -36.09 |
| NEG CENTRAL_HIGH_ACRES 23767 | 14.81 -0.09 -2.20 | 14.37 -0.19 -2.00 | 13.99 -0.23 -2.18 | 14.13 -0.22 -2.03 | 14.56 -0.09 -1.94 | 16.93 0.06 -1.92 | 23.82 0.02 -2.45 | 24.33 -0.18 -2.60 | 27.95 -0.34 -10.65 | 28.35 -0.35 -11.23 | 26.44 -0.38 -8.95 | 26.67 -0.41 -9.30 | 26.42 -0.37 -9.00 | 24.79 -0.35 -6.96 | 24.80 -0.38 -7.02 | 25.26 -0.41 -7.63 | 28.38 -0.46 -11.07 | 34.34 -0.47 -13.35 | 37.50 -0.48 -17.16 | 35.10 -0.55 -14.50 | 30.80 -0.65 -9.66 | 28.41 -0.73 -7.08 | 22.83 -0.60 -1.92 | 20.63 -0.28 -2.06 |
| NEG CENTRAL___DRP 24199 | 16.13 0.51 -2.93 | 15.60 0.38 -2.66 | 15.27 0.33 -2.90 | 15.37 0.34 -2.70 | 15.79 0.50 -2.59 | 18.24 0.73 -2.56 | 25.68 1.07 -3.26 | 26.31 0.94 -3.46 | 29.60 0.55 -11.41 | 29.92 0.54 -11.90 | 28.02 0.54 -9.62 | 28.21 0.52 -9.92 | 27.87 0.50 -9.58 | 26.27 0.53 -7.56 | 26.26 0.51 -7.60 | 26.74 0.49 -8.21 | 29.34 0.30 -11.27 | 35.51 0.47 -13.58 | 38.56 0.46 -17.28 | 36.19 0.42 -14.61 | 31.94 0.35 -9.80 | 29.52 0.29 -7.17 | 23.89 0.28 -2.09 | 21.52 0.41 -2.25 |
| NEG CENTRAL___INDECK 23768 | 16.69 0.66 -3.34 | 16.11 0.52 -3.03 | 15.78 0.43 -3.30 | 15.86 0.46 -3.07 | 16.31 0.66 -2.95 | 18.90 1.05 -2.92 | 26.51 1.45 -3.71 | 26.98 1.14 -3.94 | 30.11 0.62 -11.86 | 30.35 0.58 -12.30 | 28.44 0.57 -10.00 | 28.57 0.52 -10.28 | 28.24 0.53 -9.91 | 26.66 0.58 -7.90 | 26.65 0.56 -7.93 | 27.13 0.52 -8.56 | 30.83 0.48 -12.58 | 37.31 0.75 -15.10 | 40.00 0.69 -18.49 | 37.49 0.63 -15.70 | 33.06 0.48 -10.79 | 30.31 0.37 -7.88 | 24.88 0.45 -2.91 | 22.74 0.75 -3.13 |
| NEG CENTRAL___SENECA 23627 | 16.21 0.53 -2.99 | 15.69 0.41 -2.71 | 15.35 0.35 -2.95 | 15.46 0.38 -2.75 | 15.87 0.53 -2.64 | 18.34 0.79 -2.61 | 25.82 1.15 -3.32 | 26.41 0.99 -3.53 | 29.70 0.58 -11.48 | 29.98 0.54 -11.96 | 28.09 0.55 -9.67 | 28.27 0.52 -9.97 | 27.92 0.50 -9.63 | 26.33 0.54 -7.61 | 26.33 0.53 -7.64 | 26.81 0.50 -8.26 | 29.93 0.41 -11.75 | 36.23 0.62 -14.14 | 39.16 0.60 -17.74 | 36.77 0.59 -15.02 | 32.43 0.48 -10.16 | 29.89 0.40 -7.44 | 24.29 0.39 -2.39 | 21.97 0.55 -2.57 |
| NEG CENTRAL___STATE_STREET 24147 | 15.78 0.61 -2.48 | 15.29 0.48 -2.25 | 14.90 0.41 -2.45 | 15.06 0.46 -2.28 | 15.48 0.58 -2.19 | 17.94 0.84 -2.16 | 25.32 1.22 -2.75 | 26.01 1.18 -2.92 | 29.28 0.78 -10.87 | 29.67 0.79 -11.41 | 27.80 0.79 -9.15 | 28.04 0.78 -9.47 | 27.70 0.75 -9.16 | 26.09 0.76 -7.14 | 26.10 0.74 -7.20 | 26.56 0.74 -7.78 | 29.76 0.73 -11.26 | 36.06 1.03 -13.56 | 39.08 1.00 -17.26 | 36.73 0.97 -14.60 | 32.47 0.89 -9.79 | 30.05 0.82 -7.17 | 24.36 0.75 -2.09 | 21.91 0.81 -2.24 |
| NEG MILLWOOD___DRP 24198 | 38.01 1.34 -23.97 | 35.70 1.37 -21.77 | 37.05 1.31 -23.69 | 35.76 1.36 -22.08 | 35.23 1.37 -21.16 | 37.44 1.55 -20.95 | 50.34 2.37 -26.62 | 52.80 2.61 -28.29 | 52.51 2.29 -32.57 | 50.18 2.27 -30.43 | 48.22 2.29 -28.06 | 46.99 2.29 -26.92 | 45.45 2.28 -25.38 | 44.82 2.38 -24.26 | 44.11 2.36 -23.60 | 45.48 2.38 -25.05 | 60.12 2.35 -40.00 | 71.13 2.79 -46.88 | 65.04 2.73 -41.50 | 60.57 2.79 -36.63 | 55.72 2.81 -31.12 | 47.18 2.91 -22.21 | 45.92 2.52 -21.88 | 44.34 1.96 -23.53 |
| NEG NORTH_FLCN_SEA 23793 | 11.37 -0.61 0.71 | 11.34 -0.58 0.64 | 10.79 -0.55 0.70 | 11.08 -0.59 0.65 | 11.38 -0.70 0.63 | 13.44 -0.88 0.62 | 18.90 -1.20 1.26 | 19.88 -1.18 0.84 | 18.45 -1.06 -1.87 | 18.72 -0.98 -2.22 | 18.41 -0.98 -1.53 | 18.59 -0.93 -1.73 | 18.62 -0.89 -1.72 | 18.25 -0.96 -1.03 | 18.31 -0.94 -1.10 | 18.43 -0.87 -1.25 | 18.66 -0.59 -1.48 | 22.70 -0.62 -1.86 | 23.59 -0.65 -3.42 | 23.32 -0.63 -2.80 | 22.70 -0.59 -1.50 | 22.55 -0.64 -1.13 | 20.42 -0.54 0.56 | 17.93 -0.32 0.61 |
| NEG NORTH_KES_CHATEGAY 23792 | 11.22 -0.79 0.68 | 11.20 -0.74 0.62 | 10.66 -0.71 0.67 | 10.96 -0.74 0.63 | 11.24 -0.86 0.60 | 13.24 -1.11 0.59 | 18.59 -1.56 1.20 | 19.61 -1.49 0.80 | 18.56 -1.29 -2.21 | 18.82 -1.24 -2.59 | 18.45 -1.23 -1.81 | 18.64 -1.17 -2.03 | 18.68 -1.12 -2.01 | 18.23 -1.20 -1.25 | 18.29 -1.18 -1.32 | 18.44 -1.10 -1.49 | 18.77 -0.83 -1.83 | 22.77 -0.99 -2.29 | 23.83 -1.00 -4.01 | 23.44 -1.02 -3.30 | 22.67 -0.94 -1.81 | 22.46 -0.97 -1.36 | 20.16 -0.82 0.54 | 17.64 -0.64 0.58 |
| NEG NORTH___ALICE_FALLS 23915 | 11.34 -0.65 0.70 | 11.29 -0.63 0.64 | 10.75 -0.60 0.70 | 11.05 -0.63 0.65 | 11.33 -0.75 0.62 | 13.39 -0.94 0.62 | 18.86 -1.24 1.25 | 19.82 -1.25 0.83 | 18.43 -1.13 -1.92 | 18.72 -1.03 -2.28 | 18.40 -1.04 -1.57 | 18.58 -0.98 -1.78 | 18.63 -0.93 -1.77 | 18.21 -1.04 -1.07 | 18.27 -1.02 -1.13 | 18.41 -0.92 -1.29 | 18.68 -0.62 -1.54 | 22.75 -0.64 -1.92 | 23.68 -0.65 -3.51 | 23.38 -0.66 -2.88 | 22.75 -0.59 -1.55 | 22.52 -0.71 -1.17 | 20.36 -0.60 0.56 | 17.91 -0.34 0.60 |
| NEG NORTH___LWR_SARANAC 23913 | 11.34 -0.65 0.70 | 11.29 -0.63 0.64 | 10.75 -0.60 0.70 | 11.05 -0.63 0.65 | 11.33 -0.75 0.62 | 13.39 -0.94 0.62 | 18.86 -1.24 1.25 | 19.82 -1.25 0.83 | 18.43 -1.13 -1.92 | 18.72 -1.03 -2.28 | 18.40 -1.04 -1.57 | 18.58 -0.98 -1.78 | 18.63 -0.93 -1.77 | 18.21 -1.04 -1.07 | 18.27 -1.02 -1.13 | 18.41 -0.92 -1.29 | 18.68 -0.62 -1.54 | 22.75 -0.64 -1.92 | 23.68 -0.65 -3.51 | 23.38 -0.66 -2.88 | 22.75 -0.59 -1.55 | 22.52 -0.71 -1.17 | 20.36 -0.60 0.56 | 17.91 -0.34 0.60 |
| NEG NORTH___PLATTSBURG 23628 | 11.34 -0.65 0.70 | 11.29 -0.63 0.64 | 10.75 -0.60 0.70 | 11.05 -0.63 0.65 | 11.33 -0.75 0.62 | 13.39 -0.94 0.62 | 18.86 -1.24 1.25 | 19.82 -1.25 0.83 | 18.43 -1.13 -1.92 | 18.72 -1.03 -2.28 | 18.40 -1.04 -1.57 | 18.58 -0.98 -1.78 | 18.63 -0.93 -1.77 | 18.21 -1.04 -1.07 | 18.27 -1.02 -1.13 | 18.41 -0.92 -1.29 | 18.68 -0.62 -1.54 | 22.75 -0.64 -1.92 | 23.68 -0.65 -3.51 | 23.38 -0.66 -2.88 | 22.75 -0.59 -1.55 | 22.52 -0.71 -1.17 | 20.36 -0.60 0.56 | 17.91 -0.34 0.60 |
| NEG WEST_LEA_LOCKPORT 23791 | 15.99 0.43 -2.87 | 15.43 0.26 -2.61 | 15.10 0.22 -2.84 | 15.13 0.16 -2.64 | 15.54 0.30 -2.53 | 18.18 0.73 -2.51 | 25.37 0.83 -3.19 | 25.40 0.11 -3.39 | 28.78 -0.23 -11.37 | 29.05 -0.30 -11.87 | 27.12 -0.32 -9.58 | 27.26 -0.41 -9.88 | 26.97 -0.37 -9.55 | 25.32 -0.38 -7.52 | 25.30 -0.42 -7.56 | 25.78 -0.45 -8.19 | 29.16 -0.55 -11.94 | 35.16 -0.67 -14.36 | 38.01 -0.75 -17.94 | 35.55 -0.80 -15.20 | 31.08 -1.02 -10.31 | 28.52 -1.08 -7.54 | 23.29 -0.71 -2.48 | 21.56 0.04 -2.67 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NEG WEST___LANCASTR 23811 | 16.63 0.77 -3.17 | 16.02 0.58 -2.88 | 15.70 0.52 -3.13 | 15.71 0.47 -2.92 | 16.12 0.62 -2.80 | 18.88 1.17 -2.77 | 26.47 1.60 -3.52 | 26.74 1.09 -3.74 | 29.93 0.60 -11.69 | 30.15 0.52 -12.15 | 28.22 0.50 -9.85 | 28.33 0.41 -10.14 | 27.99 0.41 -9.79 | 26.35 0.40 -7.77 | 26.32 0.36 -7.80 | 26.82 0.34 -8.44 | 30.33 0.28 -12.28 | 36.58 0.36 -14.75 | 39.26 0.21 -18.24 | 36.79 0.17 -15.47 | 32.27 -0.09 -10.56 | 29.60 -0.18 -7.72 | 24.31 0.09 -2.71 | 22.39 0.62 -2.91 |
| NEG_PENN_ALLEGHNY 23528 | 19.62 0.58 -6.35 | 18.84 0.52 -5.76 | 18.80 0.48 -6.27 | 18.67 0.49 -5.85 | 18.89 0.58 -5.60 | 21.25 0.76 -5.55 | 29.49 1.09 -7.05 | 30.40 1.01 -7.49 | 33.39 0.71 -15.05 | 33.30 0.70 -15.13 | 31.34 0.70 -12.78 | 31.33 0.69 -12.86 | 30.77 0.66 -12.32 | 29.25 0.67 -10.39 | 29.13 0.65 -10.32 | 29.75 0.65 -11.06 | 35.18 0.60 -16.81 | 42.29 0.82 -20.01 | 43.80 0.77 -22.21 | 41.01 0.80 -19.05 | 36.50 0.76 -13.95 | 32.92 0.75 -10.11 | 27.85 0.62 -5.71 | 25.65 0.66 -6.14 |
| NEG___GEN_MONROE 24207 | 15.32 0.30 -2.32 | 14.85 0.18 -2.11 | 14.46 0.12 -2.30 | 14.60 0.14 -2.14 | 15.07 0.32 -2.05 | 17.57 0.60 -2.03 | 24.63 0.70 -2.58 | 24.93 0.28 -2.74 | 28.39 -0.04 -10.79 | 28.72 -0.10 -11.35 | 26.85 -0.09 -9.07 | 27.05 -0.14 -9.42 | 26.81 -0.09 -9.11 | 25.21 -0.04 -7.07 | 25.23 -0.05 -7.13 | 25.64 -0.14 -7.74 | 28.80 -0.21 -11.25 | 34.89 -0.13 -13.55 | 37.98 -0.17 -17.33 | 35.55 -0.25 -14.64 | 31.19 -0.39 -9.79 | 28.75 -0.49 -7.17 | 23.24 -0.30 -2.02 | 21.18 0.15 -2.18 |
| NEPA___ENERGY 23901 | 17.14 0.79 -3.66 | 16.53 0.64 -3.32 | 16.24 0.58 -3.62 | 16.25 0.56 -3.37 | 16.62 0.69 -3.23 | 19.22 1.08 -3.20 | 26.87 1.45 -4.06 | 27.18 0.96 -4.32 | 30.30 0.46 -12.20 | 30.46 0.38 -12.61 | 28.51 0.34 -10.30 | 28.60 0.27 -10.56 | 28.18 0.21 -10.17 | 26.57 0.22 -8.17 | 26.52 0.18 -8.19 | 27.10 0.22 -8.84 | 31.25 -0.43 -13.90 | 37.78 -0.32 -16.64 | 40.12 -0.35 -19.66 | 37.55 -0.36 -16.75 | 33.05 -0.52 -11.78 | 30.11 -0.53 -8.58 | 24.79 -0.52 -3.79 | 22.91 -0.02 -4.07 |
| NEVERSINK___HYD 23608 | 33.96 1.07 -20.20 | 31.99 1.08 -18.34 | 33.04 1.02 -19.97 | 32.00 1.06 -18.61 | 31.61 1.08 -17.83 | 33.85 1.26 -17.65 | 45.64 1.86 -22.43 | 47.80 2.06 -23.84 | 48.34 1.78 -28.92 | 46.52 1.78 -27.26 | 44.52 1.79 -24.87 | 43.57 1.78 -23.99 | 42.23 1.78 -22.66 | 41.37 1.84 -21.35 | 40.81 1.83 -20.81 | 42.04 1.86 -22.14 | 54.71 1.79 -35.15 | 64.89 2.17 -41.26 | 60.49 2.12 -37.55 | 56.35 2.18 -33.01 | 51.53 2.20 -27.54 | 44.02 2.27 -19.69 | 41.89 1.94 -18.44 | 40.16 1.49 -19.82 |
| NEWTON___FALLS_HYD 23847 | 11.78 -0.91 0.00 | 11.57 -0.99 0.00 | 11.03 -1.01 0.00 | 11.30 -1.02 0.00 | 11.61 -1.09 0.00 | 13.46 -1.48 0.00 | 18.53 -2.67 0.15 | 20.17 -1.73 0.00 | 23.14 -1.55 -7.05 | 23.42 -1.82 -7.77 | 22.34 -1.39 -5.87 | 22.84 -1.23 -6.29 | 22.90 -1.03 -6.14 | 21.34 -1.20 -4.36 | 21.48 -1.14 -4.47 | 21.79 -0.98 -4.94 | 23.65 -0.98 -6.86 | 28.15 -1.70 -8.38 | 31.00 -2.08 -12.27 | 29.11 -2.29 -10.24 | 26.29 -1.79 -6.29 | 25.11 -1.61 -4.65 | 20.55 -0.97 0.00 | 17.29 -1.56 0.00 |
| NIAGARA_115E_LBMP 323715 | 15.86 0.27 -2.91 | 15.30 0.10 -2.64 | 14.99 0.07 -2.87 | 15.00 0.00 -2.68 | 15.41 0.14 -2.56 | 17.97 0.49 -2.54 | 25.03 0.45 -3.23 | 24.89 -0.44 -3.43 | 28.38 -0.67 -11.41 | 28.64 -0.73 -11.90 | 26.73 -0.75 -9.61 | 26.86 -0.84 -9.92 | 26.55 -0.82 -9.58 | 24.91 -0.82 -7.55 | 24.91 -0.83 -7.59 | 25.40 -0.87 -8.22 | 28.78 -0.98 -11.99 | 34.65 -1.22 -14.41 | 37.51 -1.29 -17.98 | 35.06 -1.33 -15.23 | 30.59 -1.55 -10.35 | 28.04 -1.59 -7.56 | 22.87 -1.16 -2.51 | 21.29 -0.26 -2.70 |
| NIAGARA_115W_LBMP 323714 | 15.88 0.27 -2.93 | 15.32 0.10 -2.66 | 15.01 0.07 -2.89 | 15.02 0.00 -2.70 | 15.41 0.13 -2.58 | 17.99 0.49 -2.56 | 25.05 0.45 -3.25 | 25.03 -0.33 -3.45 | 28.51 -0.57 -11.43 | 28.75 -0.65 -11.92 | 26.84 -0.66 -9.63 | 26.97 -0.75 -9.93 | 26.67 -0.71 -9.59 | 25.02 -0.73 -7.57 | 25.02 -0.75 -7.61 | 25.51 -0.78 -8.24 | 28.90 -0.89 -12.02 | 34.82 -1.09 -14.45 | 37.66 -1.17 -18.01 | 35.19 -1.23 -15.26 | 30.75 -1.42 -10.37 | 28.19 -1.46 -7.58 | 23.00 -1.05 -2.54 | 21.33 -0.25 -2.73 |
| NIAGARA_230_LBMP 323716 | 15.82 0.24 -2.89 | 15.28 0.09 -2.62 | 14.95 0.05 -2.86 | 14.98 -0.01 -2.66 | 15.37 0.11 -2.55 | 17.92 0.45 -2.53 | 24.99 0.43 -3.21 | 25.05 -0.26 -3.41 | 28.52 -0.51 -11.39 | 28.79 -0.58 -11.89 | 26.86 -0.61 -9.60 | 27.01 -0.68 -9.90 | 26.70 -0.66 -9.57 | 25.06 -0.65 -7.54 | 25.06 -0.67 -7.58 | 25.55 -0.70 -8.21 | 28.94 -0.82 -11.99 | 34.87 -1.01 -14.41 | 37.74 -1.06 -17.98 | 35.29 -1.10 -15.24 | 30.83 -1.31 -10.35 | 28.30 -1.32 -7.56 | 23.06 -0.97 -2.51 | 21.29 -0.26 -2.70 |
| NIAGARA____ 23760 | 15.85 0.25 -2.90 | 15.29 0.09 -2.64 | 14.98 0.06 -2.87 | 15.00 0.00 -2.67 | 15.39 0.13 -2.56 | 17.96 0.48 -2.54 | 25.00 0.43 -3.22 | 25.00 -0.33 -3.43 | 28.46 -0.58 -11.41 | 28.73 -0.65 -11.90 | 26.80 -0.68 -9.61 | 26.95 -0.75 -9.91 | 26.64 -0.73 -9.57 | 25.00 -0.73 -7.55 | 25.00 -0.75 -7.59 | 25.49 -0.78 -8.22 | 28.88 -0.89 -11.99 | 34.79 -1.09 -14.42 | 37.64 -1.17 -17.99 | 35.19 -1.21 -15.24 | 30.73 -1.42 -10.35 | 28.20 -1.43 -7.57 | 22.98 -1.05 -2.52 | 21.31 -0.25 -2.71 |
| NINE_MILE_1 23575 | 13.61 -0.13 -1.05 | 13.36 -0.15 -0.95 | 12.92 -0.16 -1.03 | 13.13 -0.16 -0.96 | 13.50 -0.13 -0.92 | 15.75 -0.10 -0.91 | 22.32 -0.19 -1.16 | 22.90 -0.24 -1.23 | 26.33 -0.26 -8.95 | 26.83 -0.26 -9.62 | 25.09 -0.27 -7.49 | 25.40 -0.27 -7.89 | 25.19 -0.27 -7.67 | 23.62 -0.27 -5.71 | 23.69 -0.27 -5.80 | 24.11 -0.29 -6.36 | 26.63 -0.28 -9.15 | 32.21 -0.34 -11.09 | 35.54 -0.33 -15.06 | 33.47 -0.34 -12.65 | 29.56 -0.37 -8.14 | 27.68 -0.38 -5.99 | 22.14 -0.32 -0.95 | 19.65 -0.23 -1.02 |
| NINE_MILE_2 23744 | 13.61 -0.11 -1.04 | 13.35 -0.15 -0.94 | 12.91 -0.16 -1.03 | 13.12 -0.16 -0.96 | 13.49 -0.13 -0.92 | 15.75 -0.10 -0.91 | 22.31 -0.19 -1.15 | 22.89 -0.24 -1.22 | 26.29 -0.26 -8.91 | 26.79 -0.26 -9.58 | 25.06 -0.27 -7.46 | 25.37 -0.27 -7.86 | 25.16 -0.27 -7.64 | 23.59 -0.27 -5.68 | 23.66 -0.27 -5.78 | 24.08 -0.29 -6.33 | 26.59 -0.28 -9.11 | 32.16 -0.34 -11.04 | 35.48 -0.33 -14.99 | 33.42 -0.34 -12.60 | 29.53 -0.37 -8.11 | 27.65 -0.38 -5.97 | 22.14 -0.32 -0.94 | 19.64 -0.23 -1.01 |
| NM_CAPITAL___DRP 24208 | 48.72 1.00 -35.03 | 45.34 0.97 -31.81 | 47.58 0.92 -34.62 | 45.53 0.94 -32.27 | 44.60 0.98 -30.91 | 46.75 1.20 -30.61 | 62.06 1.81 -38.89 | 64.96 1.71 -41.34 | 62.39 1.59 -43.17 | 58.63 1.57 -39.59 | 56.79 1.61 -37.31 | 54.74 1.58 -35.38 | 52.59 1.58 -33.22 | 52.51 1.62 -32.71 | 51.44 1.62 -31.67 | 53.17 1.61 -33.53 | 73.45 1.56 -54.11 | 86.56 1.89 -63.20 | 75.51 1.83 -52.86 | 70.05 1.86 -47.03 | 65.18 1.89 -41.50 | 53.48 1.92 -29.50 | 55.39 1.87 -32.00 | 54.74 1.49 -34.40 |
| NM_CENTRAL___DRP 24181 | 14.04 0.16 -1.18 | 13.75 0.11 -1.07 | 13.30 0.08 -1.17 | 13.51 0.10 -1.09 | 13.91 0.16 -1.04 | 16.23 0.25 -1.03 | 23.01 0.36 -1.30 | 23.58 0.28 -1.39 | 27.38 0.11 -9.64 | 27.92 0.11 -10.35 | 26.06 0.13 -8.07 | 26.38 0.11 -8.49 | 26.15 0.11 -8.25 | 24.45 0.11 -6.16 | 24.50 0.09 -6.26 | 25.05 0.07 -6.93 | 27.87 0.07 -10.03 | 33.71 0.11 -12.14 | 37.22 0.10 -16.30 | 34.95 0.08 -13.71 | 30.74 0.07 -8.88 | 28.62 0.02 -6.53 | 22.74 0.04 -1.18 | 20.28 0.15 -1.27 |
| NM_FRONTIER___DRP 24179 | 15.88 0.27 -2.93 | 15.32 0.10 -2.66 | 15.01 0.07 -2.89 | 15.02 0.00 -2.70 | 15.41 0.13 -2.58 | 17.99 0.49 -2.56 | 25.05 0.45 -3.25 | 25.03 -0.33 -3.45 | 28.51 -0.57 -11.43 | 28.75 -0.65 -11.92 | 26.84 -0.66 -9.63 | 26.97 -0.75 -9.93 | 26.67 -0.71 -9.59 | 25.02 -0.73 -7.57 | 25.02 -0.75 -7.61 | 25.51 -0.78 -8.24 | 28.90 -0.89 -12.02 | 34.82 -1.09 -14.45 | 37.66 -1.17 -18.01 | 35.19 -1.23 -15.26 | 30.75 -1.42 -10.37 | 28.19 -1.46 -7.58 | 23.00 -1.05 -2.54 | 21.33 -0.25 -2.73 |

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| NM_ST_REGIS___HYD 24053 | 11.50 -1.19 0.00 | 11.32 -1.24 0.00 | 10.79 -1.25 0.00 | 11.04 -1.28 0.00 | 11.26 -1.45 0.00 | 12.92 -2.02 0.00 | 17.45 -3.65 0.25 | 19.47 -2.43 0.00 | 21.14 -2.17 -5.67 | 21.22 -2.50 -6.25 | 20.66 -1.93 -4.72 | 21.13 -1.71 -5.06 | 21.29 -1.44 -4.94 | 20.03 -1.65 -3.50 | 20.17 -1.58 -3.60 | 20.41 -1.61 -3.97 | 21.91 -1.31 -5.45 | 25.81 -2.32 -6.66 | 27.70 -2.87 -9.75 | 26.18 -3.11 -8.14 | 24.37 -2.42 -5.00 | 23.58 -2.18 -3.70 | 20.27 -1.25 0.00 | 16.87 -1.98 0.00 |
| NORTHPORT___1 23551 | 37.03 1.30 -23.04 | 34.91 1.42 -20.93 | 36.19 1.36 -22.78 | 34.86 1.31 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.09 3.05 -25.69 | 52.45 3.22 -27.32 | 52.53 2.82 -32.07 | 49.99 2.76 -29.76 | 48.21 2.79 -27.56 | 47.02 2.83 -26.41 | 45.95 2.87 -25.29 | 44.91 2.96 -23.77 | 44.52 3.01 -23.35 | 46.75 2.96 -25.74 | 59.42 2.83 -38.83 | 75.26 3.26 -50.53 | 69.54 3.16 -45.56 | 60.22 3.30 -35.77 | 57.36 3.35 -32.21 | 48.78 3.51 -23.21 | 45.84 3.10 -21.23 | 44.53 2.47 -23.20 |
| NORTHPORT___2 23552 | 37.03 1.30 -23.04 | 34.91 1.42 -20.93 | 36.19 1.36 -22.78 | 34.86 1.31 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.09 3.05 -25.69 | 52.45 3.22 -27.32 | 52.53 2.82 -32.07 | 49.99 2.76 -29.76 | 48.21 2.79 -27.56 | 47.02 2.83 -26.41 | 45.95 2.87 -25.29 | 44.91 2.96 -23.77 | 44.52 3.01 -23.35 | 46.75 2.96 -25.74 | 59.42 2.83 -38.83 | 75.26 3.26 -50.53 | 69.54 3.16 -45.56 | 60.22 3.30 -35.77 | 57.36 3.35 -32.21 | 48.78 3.51 -23.21 | 45.84 3.10 -21.23 | 44.53 2.47 -23.20 |
| NORTHPORT___3 23553 | 37.00 1.27 -23.04 | 34.84 1.34 -20.93 | 36.10 1.28 -22.78 | 34.79 1.23 -21.23 | 34.24 1.19 -20.34 | 36.77 1.69 -20.14 | 49.92 2.88 -25.69 | 52.38 3.15 -27.32 | 52.42 2.72 -32.06 | 49.93 2.71 -29.75 | 48.15 2.73 -27.55 | 46.92 2.74 -26.40 | 45.82 2.74 -25.29 | 44.76 2.82 -23.76 | 44.33 2.83 -23.34 | 46.63 2.85 -25.74 | 59.33 2.74 -38.83 | 75.19 3.20 -50.53 | 69.47 3.10 -45.55 | 60.14 3.21 -35.77 | 57.27 3.27 -32.21 | 48.68 3.42 -23.20 | 45.71 2.97 -21.22 | 44.35 2.30 -23.20 |
| NORTHPORT___4 23650 | 37.00 1.27 -23.04 | 34.84 1.34 -20.93 | 36.10 1.28 -22.78 | 34.79 1.23 -21.23 | 34.24 1.19 -20.34 | 36.77 1.69 -20.14 | 49.92 2.88 -25.69 | 52.38 3.15 -27.32 | 52.42 2.72 -32.06 | 49.93 2.71 -29.75 | 48.15 2.73 -27.55 | 46.92 2.74 -26.40 | 45.82 2.74 -25.29 | 44.76 2.82 -23.76 | 44.33 2.83 -23.34 | 46.63 2.85 -25.74 | 59.33 2.74 -38.83 | 75.19 3.20 -50.53 | 69.47 3.10 -45.55 | 60.14 3.21 -35.77 | 57.27 3.27 -32.21 | 48.68 3.42 -23.20 | 45.71 2.97 -21.22 | 44.35 2.30 -23.20 |
| NORTHPORT___IC 23718 | 37.03 1.30 -23.04 | 34.91 1.42 -20.93 | 36.19 1.36 -22.78 | 34.86 1.31 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.09 3.05 -25.69 | 52.45 3.22 -27.32 | 52.53 2.82 -32.07 | 49.99 2.76 -29.76 | 48.21 2.79 -27.56 | 47.02 2.83 -26.41 | 45.95 2.87 -25.29 | 44.91 2.96 -23.77 | 44.52 3.01 -23.35 | 46.75 2.96 -25.74 | 59.42 2.83 -38.83 | 75.26 3.26 -50.53 | 69.54 3.16 -45.56 | 60.22 3.30 -35.77 | 57.36 3.35 -32.21 | 48.78 3.51 -23.21 | 45.84 3.10 -21.23 | 44.53 2.47 -23.20 |
| NPX_GEN_1385_PROXY 323591 | 37.17 1.43 -23.04 | 35.09 1.60 -20.93 | 36.34 1.52 -22.78 | 35.02 1.47 -21.23 | 34.42 1.37 -20.34 | 37.23 2.15 -20.14 | 50.45 3.42 -25.69 | 52.47 3.24 -27.32 | 52.55 2.84 -32.07 | 50.02 2.79 -29.76 | 48.25 2.82 -27.56 | 47.07 2.88 -26.41 | 46.20 3.11 -25.29 | 45.24 3.29 -23.77 | 44.97 3.47 -23.35 | 46.87 3.08 -25.74 | 60.33 3.36 -39.20 | 75.88 3.89 -50.53 | 70.10 3.73 -45.56 | 61.34 3.93 -36.25 | 57.99 3.99 -32.21 | 48.82 3.55 -23.21 | 46.14 3.40 -21.23 | 44.79 2.73 -23.20 |
| NPX_GEN_CSC 323557 | 36.89 1.15 -23.04 | 35.01 1.52 -20.93 | 36.28 1.46 -22.78 | 34.89 1.33 -21.23 | 34.24 1.19 -20.34 | 36.83 1.75 -20.14 | 50.24 3.18 -25.71 | 52.34 3.09 -27.34 | 52.73 3.00 -32.09 | 49.87 2.62 -29.77 | 48.10 2.63 -27.61 | 47.11 2.88 -26.45 | 46.00 2.85 -25.36 | 44.95 2.96 -23.81 | 44.57 3.01 -23.39 | 46.93 3.08 -25.80 | 60.10 3.50 -38.83 | 75.88 3.89 -50.53 | 70.16 3.77 -45.57 | 60.80 3.87 -35.77 | 58.04 4.03 -32.21 | 48.82 3.48 -23.27 | 45.98 3.21 -21.26 | 44.89 2.81 -23.23 |
| NSINS_S_GLNS_FALLS 23858 | 50.14 1.07 -36.38 | 46.62 1.02 -33.04 | 48.97 0.96 -35.96 | 46.83 0.99 -33.52 | 45.84 1.03 -32.11 | 47.96 1.23 -31.79 | 63.94 2.16 -40.43 | 67.10 2.21 -42.98 | 64.02 1.92 -44.46 | 60.04 1.87 -40.70 | 58.24 1.93 -38.45 | 56.06 1.87 -36.41 | 53.83 1.87 -34.17 | 53.84 1.91 -33.75 | 52.72 1.91 -32.66 | 54.48 1.88 -34.56 | 75.50 1.88 -55.85 | 89.07 2.40 -65.20 | 77.32 2.29 -54.21 | 71.67 2.24 -48.28 | 66.84 2.29 -42.76 | 54.71 2.25 -30.39 | 56.96 2.17 -33.27 | 56.26 1.64 -35.77 |
| NUCOR_STEEL___DRP 24197 | 15.62 0.62 -2.31 | 15.15 0.49 -2.10 | 14.75 0.42 -2.28 | 14.91 0.46 -2.13 | 15.34 0.60 -2.04 | 17.80 0.84 -2.02 | 25.10 1.19 -2.56 | 25.79 1.16 -2.72 | 29.08 0.76 -10.68 | 29.46 0.75 -11.24 | 27.62 0.77 -8.98 | 27.84 0.75 -9.32 | 27.52 0.71 -9.01 | 25.92 0.75 -6.99 | 25.94 0.73 -7.05 | 26.40 0.72 -7.64 | 29.67 0.73 -11.17 | 35.93 1.01 -13.46 | 39.00 1.00 -17.18 | 36.65 0.97 -14.52 | 32.42 0.92 -9.72 | 30.02 0.84 -7.12 | 24.32 0.77 -2.03 | 21.86 0.83 -2.18 |
| NYISO_LBMP_REFERENCE 24008 | 12.69 0.00 0.00 | 12.56 0.00 0.00 | 12.05 0.00 0.00 | 12.33 0.00 0.00 | 12.70 0.00 0.00 | 14.94 0.00 0.00 | 21.35 0.00 0.00 | 21.90 0.00 0.00 | 17.64 0.00 0.00 | 17.47 0.00 0.00 | 17.87 0.00 0.00 | 17.78 0.00 0.00 | 17.79 0.00 0.00 | 18.18 0.00 0.00 | 18.16 0.00 0.00 | 18.04 0.00 0.00 | 17.77 0.00 0.00 | 21.47 0.00 0.00 | 20.82 0.00 0.00 | 21.16 0.00 0.00 | 21.79 0.00 0.00 | 22.06 0.00 0.00 | 21.52 0.00 0.00 | 18.85 0.00 0.00 |
| NYPA_BRENTWD___GT 24164 | 37.14 1.41 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.96 1.40 -21.23 | 34.39 1.35 -20.34 | 37.02 1.94 -20.14 | 50.41 3.33 -25.73 | 52.80 3.53 -27.37 | 52.84 3.09 -32.12 | 50.28 3.01 -29.80 | 48.58 3.04 -27.68 | 47.34 3.06 -26.50 | 46.32 3.08 -25.45 | 45.22 3.18 -23.86 | 44.85 3.23 -23.46 | 47.14 3.21 -25.88 | 59.74 3.15 -38.83 | 75.64 3.65 -50.53 | 69.97 3.56 -45.59 | 60.61 3.68 -35.77 | 57.76 3.75 -32.22 | 49.27 3.84 -23.37 | 46.20 3.38 -21.30 | 44.83 2.72 -23.26 |
| NYPA_GOWANUS___GT5 24156 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NYPA_GOWANUS___GT6 24157 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |
| NYPA_HARLEM___RVR_GT1 24160 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.20 1.37 -22.79 | 34.96 1.39 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.14 2.20 -25.59 | 51.75 2.65 -27.20 | 51.64 2.31 -31.69 | 49.45 2.32 -29.65 | 47.48 2.34 -27.28 | 46.32 2.35 -26.20 | 44.86 2.35 -24.72 | 44.14 2.42 -23.54 | 43.52 2.43 -22.93 | 44.83 2.43 -24.35 | 58.95 2.36 -38.82 | 69.57 2.60 -45.51 | 63.94 2.58 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.55 2.89 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| NYPA_HARLEM__RVR__GT2 24161 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.20 1.37 -22.79 | 34.96 1.39 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.14 2.20 -25.59 | 51.75 2.65 -27.20 | 51.64 2.31 -31.69 | 49.45 2.32 -29.65 | 47.48 2.34 -27.28 | 46.32 2.35 -26.20 | 44.86 2.35 -24.72 | 44.14 2.42 -23.54 | 43.52 2.43 -22.93 | 44.83 2.43 -24.35 | 58.95 2.36 -38.82 | 69.57 2.60 -45.51 | 63.94 2.58 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.55 2.89 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| NYPA_KENT____GT 24152 | 37.13 1.38 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.98 2.45 -32.06 | 53.54 2.47 -33.21 | 53.65 2.47 -33.40 | 53.80 2.47 -33.53 | 53.87 2.55 -33.14 | 53.93 2.54 -33.23 | 52.59 2.56 -31.99 | 59.00 2.42 -38.82 | 69.72 2.75 -45.51 | 64.06 2.71 -40.54 | 59.70 2.79 -35.75 | 54.94 2.90 -30.25 | 46.71 3.05 -21.60 | 45.17 2.60 -21.05 | 43.42 1.94 -22.63 |
| NYPA_POUCH1____GT 24155 | 37.10 1.36 -23.05 | 34.86 1.36 -20.94 | 36.11 1.28 -22.79 | 34.85 1.28 -21.24 | 34.36 1.31 -20.35 | 36.58 1.49 -20.14 | 49.14 2.20 -25.59 | 51.78 2.67 -27.21 | 51.69 2.35 -31.70 | 52.69 2.36 -32.86 | 55.45 2.39 -35.19 | 55.96 2.38 -35.80 | 56.65 2.38 -36.47 | 56.99 2.47 -36.34 | 57.29 2.47 -36.67 | 55.07 2.49 -34.53 | 58.95 2.36 -38.82 | 71.96 2.68 -47.81 | 64.03 2.67 -40.54 | 59.66 2.75 -35.75 | 54.87 2.83 -30.25 | 46.65 2.98 -21.61 | 45.12 2.56 -21.05 | 43.36 1.89 -22.63 |
| NYPA_VERNON____GT2 24162 | 37.12 1.37 -23.06 | 34.88 1.38 -20.94 | 36.14 1.30 -22.79 | 34.89 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.29 2.35 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.70 | 52.20 2.45 -32.28 | 54.07 2.47 -33.74 | 54.30 2.47 -34.05 | 54.59 2.47 -34.32 | 54.73 2.55 -34.00 | 54.85 2.54 -34.16 | 53.27 2.56 -32.67 | 59.00 2.42 -38.82 | 69.70 2.73 -45.51 | 64.04 2.69 -40.54 | 59.68 2.77 -35.75 | 54.92 2.88 -30.25 | 46.69 3.02 -21.60 | 45.15 2.58 -21.05 | 43.40 1.92 -22.63 |
| NYPA_VERNON____GT3 24163 | 37.12 1.37 -23.06 | 34.88 1.38 -20.94 | 36.14 1.30 -22.79 | 34.89 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.29 2.35 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.70 | 52.20 2.45 -32.28 | 54.07 2.47 -33.74 | 54.30 2.47 -34.05 | 54.59 2.47 -34.32 | 54.73 2.55 -34.00 | 54.85 2.54 -34.16 | 53.27 2.56 -32.67 | 59.00 2.42 -38.82 | 69.70 2.73 -45.51 | 64.04 2.69 -40.54 | 59.68 2.77 -35.75 | 54.92 2.88 -30.25 | 46.69 3.02 -21.60 | 45.15 2.58 -21.05 | 43.40 1.92 -22.63 |
| NYPA__ASTORIA_CC1 323568 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| NYPA__ASTORIA_CC2 323569 | 37.12 1.37 -23.05 | 34.88 1.38 -20.94 | 36.13 1.30 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.27 2.33 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.76 2.45 -31.85 | 53.01 2.47 -32.68 | 52.99 2.45 -32.75 | 52.99 2.46 -32.74 | 53.00 2.55 -32.28 | 53.00 2.54 -32.30 | 51.90 2.56 -31.30 | 59.00 2.42 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.92 2.88 -30.25 | 46.66 3.00 -21.60 | 45.14 2.58 -21.05 | 43.40 1.92 -22.63 |
| NYPA__HOLTSVILL 23794 | 37.00 1.27 -23.04 | 34.95 1.46 -20.93 | 36.22 1.40 -22.78 | 34.88 1.32 -21.23 | 34.29 1.25 -20.34 | 36.90 1.82 -20.14 | 50.24 3.18 -25.70 | 52.55 3.31 -27.34 | 52.69 2.96 -32.09 | 50.07 2.83 -29.77 | 48.33 2.86 -27.61 | 47.14 2.92 -26.44 | 46.06 2.92 -25.35 | 45.00 3.02 -23.80 | 44.60 3.05 -23.39 | 46.91 3.07 -25.80 | 59.64 3.04 -38.83 | 75.47 3.48 -50.53 | 69.78 3.39 -45.57 | 60.44 3.51 -35.77 | 57.62 3.62 -32.21 | 48.97 3.64 -23.27 | 45.98 3.21 -21.26 | 44.68 2.60 -23.23 |
| NYPA____HELLGATE_GT1 24158 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.20 1.37 -22.79 | 34.96 1.39 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.14 2.20 -25.59 | 51.75 2.65 -27.20 | 51.64 2.31 -31.69 | 49.45 2.32 -29.65 | 47.48 2.34 -27.28 | 46.32 2.35 -26.20 | 44.86 2.35 -24.72 | 44.14 2.42 -23.54 | 43.52 2.43 -22.93 | 44.83 2.43 -24.35 | 58.95 2.36 -38.82 | 69.57 2.60 -45.51 | 63.94 2.58 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.55 2.89 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| NYPA____HELLGATE_GT2 24159 | 37.18 1.43 -23.05 | 34.94 1.44 -20.94 | 36.20 1.37 -22.79 | 34.96 1.39 -21.24 | 34.49 1.44 -20.35 | 36.70 1.61 -20.14 | 49.14 2.20 -25.59 | 51.75 2.65 -27.20 | 51.64 2.31 -31.69 | 49.45 2.32 -29.65 | 47.48 2.34 -27.28 | 46.32 2.35 -26.20 | 44.86 2.35 -24.72 | 44.14 2.42 -23.54 | 43.52 2.43 -22.93 | 44.83 2.43 -24.35 | 58.95 2.36 -38.82 | 69.57 2.60 -45.51 | 63.94 2.58 -40.54 | 59.55 2.64 -35.75 | 54.85 2.81 -30.25 | 46.55 2.89 -21.60 | 45.06 2.49 -21.05 | 43.40 1.92 -22.63 |
| NYS_BARGE__HYD 23848 | 15.98 0.44 -2.84 | 15.42 0.28 -2.58 | 15.08 0.23 -2.81 | 15.12 0.17 -2.62 | 15.53 0.32 -2.51 | 18.17 0.75 -2.48 | 25.36 0.85 -3.16 | 25.37 0.11 -3.36 | 28.75 -0.23 -11.34 | 29.02 -0.30 -11.85 | 27.10 -0.32 -9.56 | 27.23 -0.41 -9.86 | 26.93 -0.39 -9.53 | 25.30 -0.38 -7.50 | 25.28 -0.42 -7.54 | 25.76 -0.45 -8.17 | 29.14 -0.53 -11.91 | 35.12 -0.67 -14.32 | 37.98 -0.75 -17.91 | 35.52 -0.80 -15.17 | 31.05 -1.02 -10.28 | 28.50 -1.08 -7.52 | 23.27 -0.71 -2.46 | 21.55 0.06 -2.64 |
| O.H_GEN_BRUCE 24063 | 16.20 0.28 -3.23 | 15.63 0.14 -2.93 | 15.33 0.10 -3.19 | 15.35 0.05 -2.97 | 15.72 0.16 -2.85 | 18.24 0.48 -2.82 | 25.42 0.49 -3.58 | 25.60 -0.11 -3.81 | 29.00 -0.39 -11.75 | 29.22 -0.45 -12.21 | 27.29 -0.48 -9.91 | 27.42 -0.55 -10.19 | 27.09 -0.53 -9.83 | 25.45 -0.54 -7.81 | 25.44 -0.56 -7.84 | 25.95 -0.58 -8.48 | 29.57 -0.73 -12.53 | 35.69 -0.82 -15.04 | 38.40 -0.87 -18.46 | 35.93 -0.89 -15.66 | 31.45 -1.09 -10.75 | 28.81 -1.10 -7.85 | 23.55 -0.84 -2.87 | 21.73 -0.21 -3.09 |
| OAK_ORCHARD__HYD 24046 | 15.20 0.22 -2.30 | 14.75 0.10 -2.09 | 14.37 0.05 -2.27 | 14.49 0.05 -2.12 | 14.95 0.22 -2.03 | 17.37 0.42 -2.01 | 24.39 0.49 -2.55 | 24.79 0.17 -2.71 | 28.28 -0.12 -10.76 | 28.64 -0.16 -11.33 | 26.76 -0.16 -9.05 | 26.98 -0.20 -9.39 | 26.74 -0.14 -9.09 | 25.13 -0.09 -7.04 | 25.15 -0.11 -7.10 | 25.60 -0.16 -7.72 | 28.75 -0.23 -11.21 | 34.78 -0.19 -13.51 | 37.89 -0.23 -17.30 | 35.48 -0.30 -14.62 | 31.14 -0.41 -9.76 | 28.75 -0.46 -7.15 | 23.26 -0.26 -2.00 | 21.10 0.09 -2.15 |
| OCC_CHEM__DRP 24175 | 15.91 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.06 0.04 -2.70 | 15.46 0.16 -2.59 | 18.03 0.52 -2.56 | 25.12 0.51 -3.25 | 25.12 -0.24 -3.46 | 28.58 -0.49 -11.44 | 28.84 -0.56 -11.93 | 26.91 -0.59 -9.64 | 27.06 -0.66 -9.94 | 26.75 -0.64 -9.60 | 25.10 -0.65 -7.57 | 25.10 -0.67 -7.61 | 25.58 -0.70 -8.24 | 28.98 -0.82 -12.03 | 34.91 -1.01 -14.46 | 37.73 -1.10 -18.02 | 35.28 -1.14 -15.27 | 30.81 -1.35 -10.37 | 28.28 -1.37 -7.58 | 23.09 -0.97 -2.54 | 21.39 -0.19 -2.73 |
| OLIN_CORP_DRP 24177 | 15.92 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.05 0.02 -2.70 | 15.46 0.16 -2.59 | 18.04 0.54 -2.56 | 25.12 0.51 -3.26 | 25.04 -0.33 -3.46 | 28.51 -0.57 -11.44 | 28.77 -0.63 -11.93 | 26.84 -0.66 -9.64 | 26.97 -0.75 -9.94 | 26.68 -0.71 -9.60 | 25.02 -0.73 -7.57 | 25.02 -0.75 -7.61 | 25.51 -0.78 -8.24 | 28.92 -0.87 -12.02 | 34.82 -1.09 -14.45 | 37.66 -1.17 -18.01 | 35.19 -1.23 -15.26 | 30.74 -1.42 -10.37 | 28.17 -1.48 -7.58 | 23.00 -1.05 -2.53 | 21.37 -0.21 -2.72 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| OLIN_CORP_DSASP 323712 | 15.91 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.06 0.04 -2.70 | 15.46 0.16 -2.59 | 18.03 0.52 -2.56 | 25.12 0.51 -3.25 | 25.12 -0.24 -3.46 | 28.58 -0.49 -11.44 | 28.84 -0.56 -11.93 | 26.91 -0.59 -9.64 | 27.06 -0.66 -9.94 | 26.75 -0.64 -9.60 | 25.10 -0.65 -7.57 | 25.10 -0.67 -7.61 | 25.58 -0.70 -8.24 | 28.98 -0.82 -12.03 | 34.91 -1.01 -14.46 | 37.73 -1.10 -18.02 | 35.28 -1.14 -15.27 | 30.81 -1.35 -10.37 | 28.28 -1.37 -7.58 | 23.09 -0.97 -2.54 | 21.39 -0.19 -2.73 |
| ONEIDA_HERK_LFGE 323681 | 12.05 0.10 0.75 | 11.94 0.05 0.68 | 11.31 0.00 0.74 | 11.65 0.01 0.69 | 12.11 0.06 0.66 | 14.37 0.08 0.65 | 20.57 0.09 0.86 | 21.31 0.28 0.88 | 26.22 0.21 -8.36 | 27.05 0.19 -9.38 | 25.05 0.25 -6.94 | 25.59 0.28 -7.53 | 25.46 0.28 -7.38 | 23.45 0.24 -5.04 | 23.62 0.25 -5.21 | 24.13 0.22 -5.87 | 26.23 0.34 -8.13 | 31.84 0.41 -9.97 | 36.49 0.38 -15.30 | 34.15 0.27 -12.72 | 29.75 0.37 -7.58 | 28.05 0.35 -5.64 | 21.32 0.37 0.57 | 18.45 0.21 0.61 |
| ONONDAGA_REF_OCCRA 23987 | 14.21 0.23 -1.29 | 13.91 0.18 -1.17 | 13.46 0.15 -1.27 | 13.67 0.16 -1.18 | 14.07 0.23 -1.14 | 16.39 0.33 -1.12 | 23.24 0.47 -1.42 | 23.86 0.44 -1.52 | 27.60 0.25 -9.72 | 28.12 0.24 -10.41 | 26.27 0.27 -8.14 | 26.58 0.25 -8.55 | 26.33 0.23 -8.30 | 24.64 0.24 -6.22 | 24.71 0.24 -6.32 | 25.41 0.18 -7.19 | 28.42 0.20 -10.46 | 34.38 0.28 -12.63 | 37.70 0.27 -16.61 | 35.41 0.25 -14.00 | 31.23 0.24 -9.19 | 29.01 0.20 -6.75 | 23.20 0.17 -1.51 | 20.74 0.26 -1.63 |
| ONONDAGA___COGEN 23986 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| ONTARIO___LFGE 23819 | 16.21 0.53 -2.99 | 15.69 0.41 -2.71 | 15.35 0.35 -2.95 | 15.46 0.38 -2.75 | 15.87 0.53 -2.64 | 18.34 0.79 -2.61 | 25.82 1.15 -3.32 | 26.41 0.99 -3.53 | 29.70 0.58 -11.48 | 29.98 0.54 -11.96 | 28.09 0.55 -9.67 | 28.27 0.52 -9.97 | 27.92 0.50 -9.63 | 26.33 0.54 -7.61 | 26.33 0.53 -7.64 | 26.81 0.50 -8.26 | 29.93 0.41 -11.75 | 36.23 0.62 -14.14 | 39.16 0.60 -17.74 | 36.77 0.59 -15.02 | 32.43 0.48 -10.16 | 29.89 0.40 -7.44 | 24.29 0.39 -2.39 | 21.97 0.55 -2.57 |
| ORANGEVILLE_WT_PWR 323706 | 16.84 0.58 -3.56 | 16.24 0.44 -3.24 | 15.95 0.39 -3.52 | 15.97 0.36 -3.28 | 16.36 0.51 -3.14 | 18.97 0.91 -3.11 | 26.52 1.22 -3.96 | 26.83 0.72 -4.21 | 30.06 0.32 -12.10 | 30.23 0.24 -12.52 | 28.31 0.23 -10.21 | 28.43 0.18 -10.47 | 28.05 0.16 -10.10 | 26.43 0.16 -8.09 | 26.39 0.13 -8.11 | 26.92 0.13 -8.75 | 30.67 0.05 -12.85 | 37.01 0.13 -15.41 | 39.57 0.02 -18.73 | 37.07 0.00 -15.91 | 32.58 -0.20 -10.99 | 29.82 -0.26 -8.02 | 24.54 -0.06 -3.09 | 22.61 0.43 -3.32 |
| OSWEGATCHIE___HYD 24044 | 11.78 -0.91 0.00 | 11.57 -0.99 0.00 | 11.03 -1.01 0.00 | 11.30 -1.02 0.00 | 11.61 -1.09 0.00 | 13.46 -1.48 0.00 | 18.53 -2.67 0.15 | 20.17 -1.73 0.00 | 23.14 -1.55 -7.05 | 23.42 -1.82 -7.77 | 22.34 -1.39 -5.87 | 22.84 -1.23 -6.29 | 22.90 -1.03 -6.14 | 21.34 -1.20 -4.36 | 21.48 -1.14 -4.47 | 21.79 -1.19 -4.94 | 23.65 -0.98 -6.86 | 28.15 -1.70 -8.38 | 31.00 -2.08 -12.27 | 29.11 -2.29 -10.24 | 26.29 -1.79 -6.29 | 25.11 -1.61 -4.65 | 20.55 -0.97 0.00 | 17.29 -1.56 0.00 |
| OSWEGO___5 23606 | 13.88 -0.04 -1.22 | 13.60 -0.07 -1.11 | 13.17 -0.08 -1.21 | 13.38 -0.07 -1.13 | 13.75 -0.04 -1.08 | 16.01 0.00 -1.07 | 22.66 -0.04 -1.36 | 23.26 -0.09 -1.44 | 26.37 -0.14 -8.87 | 26.82 -0.14 -9.49 | 25.16 -0.14 -7.43 | 25.44 -0.14 -7.80 | 25.23 -0.14 -7.58 | 23.73 -0.15 -5.69 | 23.79 -0.15 -5.77 | 24.20 -0.16 -6.32 | 26.74 -0.16 -9.13 | 32.32 -0.19 -11.05 | 35.43 -0.19 -14.80 | 33.42 -0.19 -12.45 | 29.66 -0.22 -8.08 | 27.76 -0.24 -5.94 | 22.43 -0.19 -1.11 | 19.93 -0.11 -1.19 |
| OSWEGO___6 23613 | 13.88 -0.04 -1.22 | 13.60 -0.07 -1.11 | 13.17 -0.08 -1.21 | 13.38 -0.07 -1.13 | 13.75 -0.04 -1.08 | 16.01 0.00 -1.07 | 22.66 -0.04 -1.36 | 23.26 -0.09 -1.44 | 26.37 -0.14 -8.87 | 26.82 -0.14 -9.49 | 25.16 -0.14 -7.43 | 25.44 -0.14 -7.80 | 25.23 -0.14 -7.58 | 23.73 -0.15 -5.69 | 23.79 -0.15 -5.77 | 24.20 -0.16 -6.32 | 26.74 -0.16 -9.13 | 32.32 -0.19 -11.05 | 35.43 -0.19 -14.80 | 33.42 -0.19 -12.45 | 29.66 -0.22 -8.08 | 27.76 -0.24 -5.94 | 22.43 -0.19 -1.11 | 19.93 -0.11 -1.19 |
| OUTOKUMPU-AB___DRP 24206 | 16.30 0.62 -2.98 | 15.71 0.44 -2.71 | 15.38 0.39 -2.95 | 15.39 0.32 -2.75 | 15.82 0.48 -2.63 | 18.52 0.97 -2.61 | 25.90 1.24 -3.31 | 26.01 0.59 -3.52 | 29.32 0.19 -11.49 | 29.57 0.12 -11.98 | 27.66 0.11 -9.68 | 27.76 0.00 -9.98 | 27.45 0.02 -9.64 | 25.79 0.00 -7.61 | 25.77 -0.04 -7.65 | 26.27 -0.05 -8.28 | 29.70 -0.14 -12.07 | 35.78 -0.19 -14.51 | 38.56 -0.31 -18.06 | 36.10 -0.36 -15.30 | 31.61 -0.59 -10.41 | 29.01 -0.66 -7.61 | 23.77 -0.32 -2.57 | 21.96 0.34 -2.76 |
| OXBOW___ 24026 | 16.14 0.49 -2.96 | 15.56 0.31 -2.69 | 15.23 0.26 -2.92 | 15.26 0.21 -2.72 | 15.67 0.36 -2.61 | 18.33 0.81 -2.58 | 25.60 0.96 -3.28 | 25.68 0.28 -3.49 | 29.03 -0.07 -11.46 | 29.29 -0.14 -11.95 | 27.37 -0.16 -9.66 | 27.49 -0.25 -9.96 | 27.18 -0.23 -9.62 | 25.52 -0.25 -7.59 | 25.52 -0.27 -7.63 | 26.00 -0.31 -8.26 | 29.43 -0.39 -12.05 | 35.44 -0.52 -14.49 | 38.23 -0.62 -18.04 | 35.79 -0.66 -15.28 | 31.29 -0.89 -10.39 | 28.71 -0.95 -7.60 | 23.49 -0.58 -2.56 | 21.73 0.13 -2.75 |
| OXY_CHEM_DSASP 323612 | 15.91 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.06 0.04 -2.70 | 15.46 0.16 -2.59 | 18.03 0.52 -2.56 | 25.12 0.51 -3.25 | 25.12 -0.24 -3.46 | 28.58 -0.49 -11.44 | 28.84 -0.56 -11.93 | 26.91 -0.59 -9.64 | 27.06 -0.66 -9.94 | 26.75 -0.64 -9.60 | 25.10 -0.65 -7.57 | 25.10 -0.67 -7.61 | 25.58 -0.70 -8.24 | 28.98 -0.82 -12.03 | 34.91 -1.01 -14.46 | 37.73 -1.10 -18.02 | 35.28 -1.14 -15.27 | 30.81 -1.35 -10.37 | 28.28 -1.37 -7.58 | 23.09 -0.97 -2.54 | 21.39 -0.19 -2.73 |
| PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013 | 15.91 0.29 -2.93 | 15.35 0.13 -2.66 | 15.04 0.10 -2.90 | 15.06 0.04 -2.70 | 15.46 0.16 -2.59 | 18.03 0.52 -2.56 | 25.12 0.51 -3.25 | 25.12 -0.24 -3.46 | 28.58 -0.49 -11.44 | 28.84 -0.56 -11.93 | 26.91 -0.59 -9.64 | 27.06 -0.66 -9.94 | 26.75 -0.64 -9.60 | 25.10 -0.65 -7.57 | 25.10 -0.67 -7.61 | 25.58 -0.70 -8.24 | 28.98 -0.82 -12.03 | 34.91 -1.01 -14.46 | 37.73 -1.10 -18.02 | 35.28 -1.14 -15.27 | 30.81 -1.35 -10.37 | 28.28 -1.37 -7.58 | 23.09 -0.97 -2.54 | 21.39 -0.19 -2.73 |
| PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007 | 37.15 1.41 -23.05 | 34.92 1.42 -20.94 | 36.18 1.35 -22.79 | 34.93 1.37 -21.24 | 34.45 1.40 -20.35 | 36.68 1.60 -20.14 | 49.16 2.22 -25.59 | 51.78 2.67 -27.20 | 51.68 2.35 -31.69 | 49.47 2.34 -29.65 | 47.52 2.38 -27.28 | 46.34 2.36 -26.20 | 44.88 2.37 -24.72 | 44.16 2.44 -23.54 | 43.53 2.45 -22.93 | 44.85 2.45 -24.35 | 58.97 2.38 -38.82 | 69.61 2.64 -45.51 | 63.98 2.62 -40.54 | 59.57 2.67 -35.75 | 54.87 2.83 -30.25 | 46.55 2.89 -21.60 | 45.08 2.52 -21.05 | 43.42 1.94 -22.63 |
| PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019 | 37.20 1.46 -23.05 | 34.97 1.47 -20.94 | 36.23 1.40 -22.79 | 34.98 1.42 -21.24 | 34.50 1.45 -20.35 | 36.74 1.66 -20.14 | 49.27 2.33 -25.59 | 51.91 2.80 -27.20 | 51.78 2.45 -31.69 | 49.57 2.45 -29.65 | 47.61 2.47 -27.28 | 46.45 2.47 -26.20 | 44.99 2.47 -24.72 | 44.27 2.55 -23.54 | 43.64 2.56 -22.93 | 44.96 2.56 -24.35 | 59.07 2.49 -38.82 | 69.74 2.77 -45.51 | 64.13 2.77 -40.54 | 59.72 2.81 -35.75 | 55.02 2.99 -30.25 | 46.69 3.02 -21.60 | 45.19 2.62 -21.05 | 43.50 2.02 -22.63 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030 | 16.62 0.77 -3.15 | 16.00 0.58 -2.86 | 15.68 0.52 -3.12 | 15.69 0.46 -2.90 | 16.11 0.62 -2.78 | 18.86 1.17 -2.75 | 26.43 1.58 -3.50 | 26.70 1.07 -3.72 | 29.89 0.58 -11.67 | 30.11 0.51 -12.13 | 28.20 0.50 -9.84 | 28.31 0.41 -10.13 | 27.97 0.41 -9.77 | 26.32 0.38 -7.75 | 26.29 0.34 -7.78 | 26.81 0.34 -8.42 | 30.30 0.27 -12.26 | 36.54 0.34 -14.73 | 39.23 0.19 -18.22 | 36.76 0.15 -15.45 | 32.23 -0.11 -10.55 | 29.57 -0.20 -7.71 | 24.30 0.09 -2.70 | 22.35 0.60 -2.90 |
| PAWLING_115_KV_BK3_REV_LBMP_H 345028 | 38.01 1.34 -23.97 | 35.70 1.37 -21.77 | 37.05 1.31 -23.69 | 35.76 1.36 -22.08 | 35.23 1.37 -21.16 | 37.44 1.55 -20.95 | 50.34 2.37 -26.62 | 52.80 2.61 -28.29 | 52.51 2.29 -32.57 | 50.18 2.27 -30.43 | 48.22 2.29 -28.06 | 46.99 2.29 -26.92 | 45.45 2.28 -25.38 | 44.82 2.38 -24.26 | 44.11 2.36 -23.60 | 45.48 2.38 -25.05 | 60.12 2.35 -40.00 | 71.13 2.79 -46.88 | 65.04 2.73 -41.50 | 60.57 2.79 -36.63 | 55.72 2.81 -31.12 | 47.18 2.91 -22.21 | 45.92 2.52 -21.88 | 44.34 1.96 -23.53 |
| PEEKSKILL____ 23653 | 36.69 1.17 -22.83 | 34.47 1.18 -20.73 | 35.73 1.12 -22.56 | 34.50 1.15 -21.03 | 34.01 1.16 -20.15 | 36.25 1.36 -19.95 | 48.77 2.07 -25.35 | 51.19 2.34 -26.94 | 51.18 2.06 -31.47 | 49.01 2.06 -29.48 | 47.04 2.07 -27.10 | 45.90 2.08 -26.04 | 44.43 2.08 -24.56 | 43.73 2.16 -23.38 | 43.07 2.16 -22.76 | 44.38 2.16 -24.18 | 58.38 2.08 -38.54 | 69.07 2.42 -45.18 | 63.48 2.35 -40.31 | 59.13 2.43 -35.54 | 54.32 2.48 -30.04 | 46.09 2.58 -21.45 | 44.53 2.17 -20.84 | 42.90 1.64 -22.40 |
| PGE MADISON____WINDPWR 24146 | 19.42 1.04 -5.69 | 18.61 0.88 -5.17 | 18.48 0.81 -5.62 | 18.44 0.88 -5.24 | 18.83 1.10 -5.02 | 21.35 1.43 -4.97 | 29.93 2.26 -6.32 | 31.05 2.43 -6.72 | 33.92 1.87 -14.41 | 33.92 1.87 -14.58 | 31.94 1.86 -12.22 | 31.97 1.85 -12.34 | 31.38 1.74 -11.84 | 29.72 1.65 -9.88 | 29.64 1.65 -9.83 | 30.13 1.62 -10.46 | 35.40 1.83 -15.80 | 42.82 2.51 -18.85 | 44.79 2.58 -21.39 | 41.94 2.47 -18.31 | 37.51 2.50 -13.21 | 33.99 2.34 -9.59 | 28.63 2.11 -5.00 | 26.23 2.00 -5.38 |
| PIERCEFIELD____HYD 23852 | 11.46 -1.23 0.00 | 11.26 -1.31 0.00 | 10.72 -1.33 0.00 | 10.97 -1.36 0.00 | 11.18 -1.52 0.00 | 12.79 -2.15 0.00 | 17.12 -4.01 0.22 | 19.34 -2.56 0.00 | 21.43 -2.28 -6.07 | 21.45 -2.71 -6.68 | 20.90 -2.02 -5.05 | 21.41 -1.78 -5.41 | 21.62 -1.46 -5.29 | 20.26 -1.67 -3.75 | 20.41 -1.60 -3.85 | 20.63 -1.66 -4.25 | 22.22 -1.40 -5.86 | 26.02 -2.60 -7.15 | 28.00 -3.29 -10.47 | 26.36 -3.53 -8.74 | 24.43 -2.72 -5.36 | 23.63 -2.40 -3.97 | 20.23 -1.29 0.00 | 16.59 -2.26 0.00 |
| PINELAWN_CC_1 323563 | 37.07 1.33 -23.05 | 34.91 1.42 -20.93 | 36.18 1.35 -22.78 | 34.86 1.31 -21.23 | 34.30 1.26 -20.34 | 36.89 1.81 -20.14 | 50.31 3.08 -25.88 | 52.77 3.31 -27.56 | 52.82 2.88 -32.30 | 50.25 2.83 -29.95 | 48.83 2.86 -28.10 | 47.46 2.86 -26.81 | 46.67 2.88 -25.99 | 45.34 2.96 -24.20 | 45.03 3.00 -23.87 | 47.43 3.00 -26.39 | 59.33 2.74 -38.83 | 75.15 3.16 -50.53 | 69.61 3.06 -45.73 | 60.10 3.17 -35.77 | 57.28 3.25 -32.24 | 49.61 3.60 -23.95 | 46.23 3.12 -21.59 | 44.79 2.47 -23.47 |
| PJM_GEN_HTP_PROXY 323702 | 37.02 1.28 -23.04 | 34.78 1.29 -20.92 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.47 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.20 | 44.87 2.37 -24.71 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.81 | 69.67 2.70 -45.50 | 63.98 2.62 -40.54 | 59.61 2.71 -35.75 | 54.80 2.77 -30.25 | 46.52 2.87 -21.59 | 44.98 2.43 -21.04 | 43.28 1.81 -22.61 |
| PJM_GEN_KEystone 24065 | 25.80 0.74 -12.38 | 24.47 0.67 -11.24 | 24.89 0.61 -12.23 | 24.33 0.60 -11.40 | 24.31 0.69 -10.92 | 26.68 0.93 -10.82 | 36.40 1.30 -13.74 | 37.65 1.14 -14.61 | 39.46 0.83 -20.99 | 38.58 0.80 -20.30 | 36.61 0.79 -17.96 | 36.16 0.76 -17.62 | 35.26 0.73 -16.73 | 34.05 0.76 -15.10 | 33.73 0.74 -14.83 | 34.64 0.78 -15.83 | 43.18 0.62 -24.79 | 51.53 0.82 -29.25 | 50.38 0.77 -28.79 | 47.02 0.80 -25.06 | 42.36 0.72 -19.85 | 37.10 0.77 -14.27 | 33.46 0.62 -11.32 | 31.68 0.66 -12.17 |
| PJM_GEN_NEPTUNE_PROXY 323594 | 36.94 1.21 -23.04 | 34.76 1.27 -20.93 | 36.03 1.20 -22.78 | 34.73 1.17 -21.23 | 34.18 1.13 -20.34 | 36.68 1.60 -20.14 | 49.57 2.71 -25.50 | 52.00 3.00 -27.09 | 52.19 2.58 -31.97 | 49.63 2.59 -29.57 | 47.51 2.61 -27.04 | 46.42 2.61 -26.02 | 45.11 2.62 -24.70 | 44.23 2.69 -23.36 | 43.76 2.71 -22.90 | 46.24 2.71 -25.49 | 59.16 2.56 -38.83 | 74.97 2.98 -50.53 | 68.90 2.89 -45.19 | 59.95 3.03 -35.77 | 56.99 3.05 -32.15 | 48.17 3.20 -22.91 | 45.18 2.80 -20.87 | 44.12 2.17 -23.10 |
| PJM_GEN_VFT_PROXY 323633 | 36.94 1.21 -23.04 | 34.71 1.22 -20.93 | 35.97 1.14 -22.78 | 34.71 1.16 -21.23 | 34.22 1.18 -20.34 | 36.47 1.39 -20.14 | 49.08 2.13 -25.59 | 51.62 2.52 -27.20 | 51.54 2.22 -31.68 | 49.37 2.24 -29.66 | 47.40 2.25 -27.28 | 46.24 2.26 -26.21 | 44.77 2.26 -24.72 | 44.06 2.33 -23.55 | 43.40 2.32 -22.92 | 44.73 2.34 -24.34 | 58.82 2.24 -38.82 | 64.54 2.51 -40.56 | 63.83 2.48 -40.54 | 59.49 2.58 -35.75 | 54.67 2.64 -30.25 | 46.41 2.76 -21.59 | 44.86 2.30 -21.04 | 43.11 1.64 -22.62 |
| PLEASANTVLY____LBMP 24000 | 38.03 1.15 -24.18 | 35.68 1.16 -21.96 | 37.05 1.10 -23.90 | 35.73 1.12 -22.28 | 35.21 1.16 -21.34 | 37.44 1.36 -21.13 | 50.28 2.07 -26.86 | 52.70 2.26 -28.55 | 52.42 1.99 -32.79 | 50.08 1.99 -30.62 | 48.13 2.02 -28.25 | 46.90 2.03 -27.09 | 45.34 2.01 -25.54 | 44.68 2.07 -24.43 | 43.98 2.07 -23.76 | 45.36 2.09 -25.23 | 60.04 1.99 -40.28 | 71.03 2.36 -47.21 | 64.84 2.29 -41.73 | 60.35 2.29 -36.84 | 55.52 2.40 -31.33 | 46.91 2.49 -22.35 | 45.73 2.13 -22.08 | 44.19 1.60 -23.74 |
| PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020 | 37.40 1.21 -23.50 | 35.12 1.22 -21.34 | 36.43 1.16 -23.23 | 35.15 1.17 -21.65 | 34.65 1.21 -20.74 | 36.90 1.42 -20.54 | 49.58 2.13 -26.10 | 52.01 2.37 -27.74 | 51.86 2.10 -32.13 | 49.61 2.10 -30.05 | 47.64 2.11 -27.67 | 46.45 2.11 -26.56 | 44.94 2.10 -25.04 | 44.25 2.16 -23.90 | 43.57 2.16 -23.25 | 44.92 2.18 -24.70 | 59.29 2.11 -39.41 | 70.12 2.47 -46.19 | 64.23 2.39 -41.02 | 59.82 2.47 -36.19 | 54.98 2.50 -30.68 | 46.54 2.58 -21.90 | 45.17 2.20 -21.46 | 43.60 1.68 -23.07 |
| PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023 | 39.23 1.24 -25.30 | 36.79 1.26 -22.97 | 38.24 1.19 -25.00 | 36.86 1.23 -23.30 | 36.29 1.26 -22.32 | 38.53 1.48 -22.11 | 51.66 2.22 -28.09 | 54.15 2.39 -29.86 | 53.60 2.12 -33.85 | 51.12 2.11 -31.53 | 49.18 2.14 -29.17 | 47.86 2.15 -27.93 | 46.24 2.13 -26.32 | 45.65 2.20 -25.27 | 44.92 2.20 -24.57 | 46.33 2.22 -26.07 | 61.60 2.13 -41.70 | 72.86 2.55 -48.84 | 66.18 2.50 -42.86 | 61.57 2.54 -37.88 | 56.75 2.59 -32.37 | 47.81 2.67 -23.08 | 46.92 2.30 -23.10 | 45.46 1.77 -24.83 |
| POLETTI____ 23519 | 37.01 1.27 -23.04 | 34.77 1.28 -20.93 | 36.03 1.20 -22.78 | 34.78 1.22 -21.23 | 34.28 1.23 -20.34 | 36.56 1.48 -20.14 | 49.20 2.26 -25.59 | 51.75 2.65 -27.20 | 51.61 2.29 -31.68 | 49.44 2.31 -29.66 | 47.47 2.32 -27.28 | 46.31 2.33 -26.21 | 44.84 2.33 -24.72 | 44.15 2.42 -23.55 | 43.49 2.42 -22.92 | 44.82 2.43 -24.34 | 58.89 2.31 -38.82 | 69.61 2.64 -45.51 | 63.94 2.58 -40.54 | 59.59 2.69 -35.75 | 54.76 2.72 -30.25 | 46.50 2.85 -21.59 | 44.96 2.41 -21.04 | 43.20 1.73 -22.62 |
| PORT_JEFF_3 23555 | 37.04 1.31 -23.04 | 34.99 1.49 -20.93 | 36.26 1.43 -22.78 | 34.93 1.37 -21.23 | 34.33 1.28 -20.34 | 36.95 1.87 -20.14 | 50.32 3.27 -25.71 | 52.64 3.39 -27.34 | 52.76 3.04 -32.09 | 50.15 2.90 -29.77 | 48.41 2.93 -27.61 | 47.18 2.95 -26.45 | 46.12 2.97 -25.36 | 45.04 3.05 -23.81 | 44.66 3.10 -23.39 | 46.97 3.12 -25.80 | 59.64 3.04 -38.83 | 75.45 3.46 -50.53 | 69.76 3.37 -45.57 | 60.40 3.47 -35.77 | 57.62 3.62 -32.21 | 49.02 3.68 -23.27 | 46.02 3.25 -21.26 | 44.74 2.66 -23.23 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 37.04 1.31 -23.04 | 34.99 1.49 -20.93 | 36.26 1.43 -22.78 | 34.93 1.37 -21.23 | 34.33 1.28 -20.34 | 36.95 1.87 -20.14 | 50.32 3.27 -25.71 | 52.64 3.39 -27.34 | 52.76 3.04 -32.09 | 50.15 2.90 -29.77 | 48.41 2.93 -27.61 | 47.18 2.95 -26.45 | 46.12 2.97 -25.36 | 45.04 3.05 -23.81 | 44.66 3.10 -23.39 | 46.97 3.12 -25.80 | 59.64 3.04 -38.83 | 75.45 3.46 -50.53 | 69.76 3.37 -45.57 | 60.40 3.47 -35.77 | 57.62 3.62 -32.21 | 49.02 3.68 -23.27 | 46.02 3.25 -21.26 | 44.74 2.66 -23.23 |
| PORT_JEFF_IC 23713 | 37.07 1.33 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.95 1.39 -21.23 | 34.35 1.31 -20.34 | 36.99 1.91 -20.14 | 50.39 3.33 -25.71 | 52.71 3.46 -27.35 | 52.84 3.11 -32.09 | 50.18 2.93 -29.78 | 48.46 2.97 -27.62 | 47.24 3.01 -26.46 | 46.19 3.02 -25.37 | 45.11 3.11 -23.82 | 44.72 3.16 -23.41 | 47.04 3.18 -25.82 | 59.74 3.15 -38.83 | 75.60 3.61 -50.53 | 69.89 3.50 -45.57 | 60.54 3.62 -35.77 | 57.75 3.75 -32.21 | 49.13 3.77 -23.29 | 46.12 3.34 -21.27 | 44.80 2.72 -23.23 |
| PPL PILGRIM_ST_GT1 24216 | 37.14 1.41 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.96 1.40 -21.23 | 34.39 1.35 -20.34 | 37.02 1.94 -20.14 | 50.41 3.33 -25.73 | 52.80 3.53 -27.37 | 52.84 3.09 -32.12 | 50.28 3.01 -29.80 | 48.58 3.04 -27.68 | 47.34 3.06 -26.50 | 46.32 3.08 -25.45 | 45.22 3.18 -23.86 | 44.85 3.23 -23.46 | 47.14 3.21 -25.88 | 59.74 3.15 -38.83 | 75.64 3.65 -50.53 | 69.97 3.56 -45.59 | 60.61 3.68 -35.77 | 57.76 3.75 -32.22 | 49.27 3.84 -23.37 | 46.20 3.38 -21.30 | 44.83 2.72 -23.26 |
| PPL PILGRIM_ST_GT2 24217 | 37.14 1.41 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.96 1.40 -21.23 | 34.39 1.35 -20.34 | 37.02 1.94 -20.14 | 50.41 3.33 -25.73 | 52.80 3.53 -27.37 | 52.84 3.09 -32.12 | 50.28 3.01 -29.80 | 48.58 3.04 -27.68 | 47.34 3.06 -26.50 | 46.32 3.08 -25.45 | 45.22 3.18 -23.86 | 44.85 3.23 -23.46 | 47.14 3.21 -25.88 | 59.74 3.15 -38.83 | 75.64 3.65 -50.53 | 69.97 3.56 -45.59 | 60.61 3.68 -35.77 | 57.76 3.75 -32.22 | 49.27 3.84 -23.37 | 46.20 3.38 -21.30 | 44.83 2.72 -23.26 |
| PPL_SHRM_GT3 24213 | 36.93 1.19 -23.04 | 35.04 1.54 -20.93 | 36.31 1.48 -22.78 | 34.93 1.37 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.33 3.27 -25.71 | 52.47 3.22 -27.35 | 52.78 3.05 -32.09 | 49.94 2.69 -29.77 | 48.20 2.71 -27.62 | 47.16 2.93 -26.45 | 46.06 2.90 -25.37 | 45.01 3.02 -23.81 | 44.63 3.07 -23.40 | 46.99 3.14 -25.81 | 60.10 3.50 -38.83 | 75.90 3.91 -50.53 | 70.20 3.81 -45.57 | 60.86 3.93 -35.77 | 58.08 4.07 -32.21 | 48.96 3.62 -23.28 | 46.07 3.29 -21.26 | 44.95 2.86 -23.23 |
| PPL_SHRM_GT4 24214 | 36.93 1.19 -23.04 | 35.04 1.54 -20.93 | 36.31 1.48 -22.78 | 34.93 1.37 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.33 3.27 -25.71 | 52.47 3.22 -27.35 | 52.78 3.05 -32.09 | 49.94 2.69 -29.77 | 48.20 2.71 -27.62 | 47.16 2.93 -26.45 | 46.06 2.90 -25.37 | 45.01 3.02 -23.81 | 44.63 3.07 -23.40 | 46.99 3.14 -25.81 | 60.10 3.50 -38.83 | 75.90 3.91 -50.53 | 70.20 3.81 -45.57 | 60.86 3.93 -35.77 | 58.08 4.07 -32.21 | 48.96 3.62 -23.28 | 46.07 3.29 -21.26 | 44.95 2.86 -23.23 |
| PROJECT___ORANGE 1 24174 | 14.09 0.18 -1.22 | 13.79 0.13 -1.11 | 13.34 0.10 -1.20 | 13.56 0.11 -1.12 | 13.96 0.18 -1.07 | 16.28 0.27 -1.06 | 23.08 0.38 -1.34 | 23.65 0.31 -1.44 | 27.43 0.12 -9.67 | 27.96 0.12 -10.37 | 26.10 0.14 -8.10 | 26.42 0.13 -8.51 | 26.19 0.13 -8.27 | 24.49 0.13 -6.18 | 24.54 0.11 -6.28 | 25.09 0.09 -6.96 | 27.92 0.09 -10.07 | 33.78 0.13 -12.18 | 37.27 0.13 -16.32 | 34.99 0.11 -13.73 | 30.79 0.09 -8.91 | 28.66 0.04 -6.55 | 22.78 0.04 -1.22 | 20.33 0.17 -1.31 |
| PROJECT___ORANGE 2 24166 | 14.09 0.18 -1.22 | 13.79 0.13 -1.11 | 13.34 0.10 -1.20 | 13.56 0.11 -1.12 | 13.96 0.18 -1.07 | 16.28 0.27 -1.06 | 23.08 0.38 -1.34 | 23.65 0.31 -1.44 | 27.43 0.12 -9.67 | 27.96 0.12 -10.37 | 26.10 0.14 -8.10 | 26.42 0.13 -8.51 | 26.19 0.13 -8.27 | 24.49 0.13 -6.18 | 24.54 0.11 -6.28 | 25.09 0.09 -6.96 | 27.92 0.09 -10.07 | 33.78 0.13 -12.18 | 37.27 0.13 -16.32 | 34.99 0.11 -13.73 | 30.79 0.09 -8.91 | 28.66 0.04 -6.55 | 22.78 0.04 -1.22 | 20.33 0.17 -1.31 |
| PYRITES___HYD 24023 | 11.55 -1.14 0.00 | 11.32 -1.24 0.00 | 10.78 -1.26 0.00 | 11.03 -1.29 0.00 | 11.26 -1.45 0.00 | 12.90 -2.05 0.00 | 17.24 -3.89 0.22 | 19.62 -2.28 0.00 | 21.66 -2.05 -6.07 | 21.64 -2.52 -6.68 | 21.13 -1.79 -5.05 | 21.66 -1.53 -5.41 | 21.85 -1.23 -5.29 | 20.47 -1.46 -3.75 | 20.62 -1.38 -3.85 | 20.85 -1.44 -4.25 | 22.49 -1.14 -5.86 | 26.32 -2.30 -7.15 | 28.27 -3.02 -10.47 | 26.59 -3.30 -8.74 | 24.73 -2.42 -5.36 | 23.89 -2.14 -3.97 | 20.48 -1.03 0.00 | 16.72 -2.13 0.00 |
| RAMAPO___LBMP 323565 | 36.00 1.15 -22.16 | 33.84 1.16 -20.12 | 35.04 1.10 -21.90 | 33.86 1.12 -20.41 | 33.40 1.14 -19.56 | 35.65 1.35 -19.36 | 47.99 2.03 -24.61 | 50.33 2.28 -26.15 | 50.46 1.99 -30.82 | 48.40 2.01 -28.92 | 46.40 2.00 -26.53 | 45.31 2.01 -25.52 | 43.88 2.01 -24.08 | 43.14 2.09 -22.87 | 42.51 2.09 -22.26 | 43.81 2.11 -23.66 | 57.43 1.99 -37.67 | 67.99 2.34 -44.19 | 62.70 2.27 -39.61 | 58.40 2.35 -34.90 | 53.59 2.40 -29.41 | 45.56 2.49 -21.00 | 43.85 2.11 -20.23 | 42.18 1.58 -21.75 |
| RANKINE____ 23646 | 16.55 0.67 -3.19 | 15.95 0.49 -2.90 | 15.63 0.43 -3.15 | 15.65 0.38 -2.94 | 16.05 0.53 -2.81 | 18.75 1.02 -2.79 | 26.26 1.37 -3.54 | 26.50 0.83 -3.76 | 29.74 0.39 -11.71 | 29.96 0.31 -12.17 | 28.04 0.30 -9.87 | 28.15 0.21 -10.16 | 27.81 0.21 -9.80 | 26.16 0.20 -7.78 | 26.14 0.16 -7.81 | 26.64 0.14 -8.45 | 30.14 0.07 -12.30 | 36.35 0.11 -14.78 | 39.03 -0.04 -18.26 | 36.58 -0.06 -15.48 | 32.05 -0.33 -10.58 | 29.40 -0.40 -7.73 | 24.13 -0.11 -2.72 | 22.23 0.45 -2.93 |
| RAVENSWOOD_GT2_1 24244 | 37.03 1.30 -23.05 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.86 2.35 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD_GT2_2 24245 | 37.03 1.30 -23.05 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.86 2.35 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD_GT2_3 24246 | 37.03 1.30 -23.05 | 34.80 1.31 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.78 2.67 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.87 2.37 -24.72 | 44.18 2.45 -23.55 | 43.53 2.45 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.28 1.81 -22.62 |
| RAVENSWOOD_GT2_4 24247 | 37.03 1.30 -23.05 | 34.80 1.31 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.78 2.67 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.87 2.37 -24.72 | 44.18 2.45 -23.55 | 43.53 2.45 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.83 2.79 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.28 1.81 -22.62 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT3_1 24248 | 37.03 1.30 -23.05 | 34.78 1.29 -20.93 | 36.05 1.23 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.78 2.67 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.87 2.37 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.28 1.81 -22.62 |
| RAVENSWOOD_GT3_2 24249 | 37.03 1.30 -23.05 | 34.78 1.29 -20.93 | 36.05 1.23 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.78 2.67 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.87 2.37 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.28 1.81 -22.62 |
| RAVENSWOOD_GT3_3 24250 | 37.04 1.31 -23.05 | 34.80 1.31 -20.93 | 36.07 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.18 2.45 -23.55 | 43.54 2.47 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.66 2.75 -35.75 | 54.85 2.81 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.30 1.83 -22.62 |
| RAVENSWOOD_GT3_4 24251 | 37.04 1.31 -23.05 | 34.80 1.31 -20.93 | 36.07 1.24 -22.78 | 34.81 1.26 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.80 2.69 -27.20 | 51.67 2.35 -31.68 | 49.49 2.36 -29.66 | 47.53 2.38 -27.28 | 46.37 2.38 -26.21 | 44.89 2.38 -24.72 | 44.18 2.45 -23.55 | 43.54 2.47 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.66 2.75 -35.75 | 54.85 2.81 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.30 1.83 -22.62 |
| RAVENSWOOD_GT_1 23729 | 37.12 1.37 -23.06 | 34.88 1.38 -20.94 | 36.14 1.30 -22.79 | 34.89 1.32 -21.24 | 34.40 1.35 -20.35 | 36.65 1.57 -20.14 | 49.29 2.35 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.70 | 52.20 2.45 -32.28 | 54.07 2.47 -33.74 | 54.30 2.47 -34.05 | 54.59 2.47 -34.32 | 54.73 2.55 -34.00 | 54.85 2.54 -34.16 | 53.27 2.56 -32.67 | 59.00 2.42 -38.82 | 69.70 2.73 -45.51 | 64.04 2.69 -40.54 | 59.68 2.77 -35.75 | 54.92 2.88 -30.25 | 46.69 3.02 -21.60 | 45.15 2.58 -21.05 | 43.40 1.92 -22.63 |
| RAVENSWOOD_GT_10 24258 | 37.02 1.28 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.27 2.34 -29.46 | 47.00 2.36 -26.78 | 45.73 2.36 -25.59 | 44.10 2.35 -23.96 | 43.35 2.44 -22.73 | 42.63 2.43 -22.03 | 44.19 2.45 -23.69 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.52 2.87 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD_GT_11 24259 | 37.02 1.28 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.27 2.34 -29.46 | 47.00 2.36 -26.78 | 45.73 2.36 -25.59 | 44.10 2.35 -23.96 | 43.35 2.44 -22.73 | 42.63 2.43 -22.03 | 44.19 2.45 -23.69 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.52 2.87 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD_GT_4 24252 | 37.01 1.28 -23.04 | 34.77 1.28 -20.92 | 36.02 1.20 -22.77 | 34.77 1.22 -21.22 | 34.28 1.25 -20.33 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 48.10 2.32 -28.31 | 44.14 2.34 -23.93 | 42.26 2.35 -22.14 | 39.87 2.35 -19.73 | 38.73 2.42 -18.13 | 37.66 2.42 -17.09 | 40.50 2.43 -20.02 | 58.91 2.33 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.79 2.75 -30.25 | 46.52 2.87 -21.59 | 44.98 2.43 -21.03 | 43.24 1.77 -22.61 |
| RAVENSWOOD_GT_5 24254 | 37.01 1.28 -23.04 | 34.77 1.28 -20.92 | 36.02 1.20 -22.77 | 34.77 1.22 -21.22 | 34.28 1.25 -20.33 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 48.10 2.32 -28.31 | 44.14 2.34 -23.93 | 42.26 2.35 -22.14 | 39.87 2.35 -19.73 | 38.73 2.42 -18.13 | 37.66 2.42 -17.09 | 40.50 2.43 -20.02 | 58.91 2.33 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.79 2.75 -30.25 | 46.52 2.87 -21.59 | 44.98 2.43 -21.03 | 43.24 1.77 -22.61 |
| RAVENSWOOD_GT_6 24253 | 37.01 1.28 -23.04 | 34.77 1.28 -20.92 | 36.02 1.20 -22.77 | 34.77 1.22 -21.22 | 34.28 1.25 -20.33 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 48.10 2.32 -28.31 | 44.14 2.34 -23.93 | 42.26 2.35 -22.14 | 39.87 2.35 -19.73 | 38.73 2.42 -18.13 | 37.66 2.42 -17.09 | 40.50 2.43 -20.02 | 58.91 2.33 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.79 2.75 -30.25 | 46.52 2.87 -21.59 | 44.98 2.43 -21.03 | 43.24 1.77 -22.61 |
| RAVENSWOOD_GT_7 24255 | 37.01 1.28 -23.04 | 34.77 1.28 -20.92 | 36.02 1.20 -22.77 | 34.77 1.22 -21.22 | 34.28 1.25 -20.33 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.63 2.31 -31.68 | 48.10 2.32 -28.31 | 44.14 2.34 -23.93 | 42.26 2.35 -22.14 | 39.87 2.35 -19.73 | 38.73 2.42 -18.13 | 37.66 2.42 -17.09 | 40.50 2.43 -20.02 | 58.91 2.33 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.79 2.75 -30.25 | 46.52 2.87 -21.59 | 44.98 2.43 -21.03 | 43.24 1.77 -22.61 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 37.02 1.28 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.27 2.34 -29.46 | 47.00 2.36 -26.78 | 45.73 2.36 -25.59 | 44.10 2.35 -23.96 | 43.35 2.44 -22.73 | 42.63 2.43 -22.03 | 44.19 2.45 -23.69 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.52 2.87 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD_GT_9 24257 | 37.02 1.28 -23.04 | 34.78 1.29 -20.93 | 36.04 1.22 -22.78 | 34.79 1.23 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.75 2.65 -27.20 | 51.65 2.33 -31.68 | 49.27 2.34 -29.46 | 47.00 2.36 -26.78 | 45.73 2.36 -25.59 | 44.10 2.35 -23.96 | 43.35 2.44 -22.73 | 42.63 2.43 -22.03 | 44.19 2.45 -23.69 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.52 2.87 -21.59 | 45.01 2.45 -21.04 | 43.26 1.79 -22.62 |
| RAVENSWOOD___1 23533 | 37.10 1.36 -23.05 | 34.87 1.37 -20.94 | 36.12 1.29 -22.79 | 34.87 1.31 -21.24 | 34.39 1.33 -20.35 | 36.64 1.55 -20.14 | 49.27 2.33 -25.59 | 51.86 2.76 -27.20 | 51.75 2.42 -31.69 | 51.75 2.43 -31.85 | 53.00 2.45 -32.69 | 53.00 2.45 -32.77 | 53.00 2.46 -32.75 | 53.00 2.53 -32.29 | 53.00 2.52 -32.32 | 51.90 2.54 -31.31 | 59.00 2.42 -38.82 | 69.70 2.73 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.89 2.85 -30.25 | 46.66 3.00 -21.60 | 45.12 2.56 -21.05 | 43.38 1.90 -22.63 |
| RAVENSWOOD___2 23534 | 37.10 1.36 -23.05 | 34.86 1.36 -20.94 | 36.11 1.28 -22.79 | 34.86 1.29 -21.24 | 34.37 1.32 -20.35 | 36.64 1.55 -20.14 | 49.27 2.33 -25.59 | 51.86 2.76 -27.20 | 51.75 2.42 -31.69 | 51.72 2.41 -31.84 | 52.95 2.43 -32.66 | 52.95 2.44 -32.73 | 52.94 2.44 -32.71 | 52.94 2.51 -32.25 | 52.95 2.52 -32.27 | 51.84 2.53 -31.27 | 58.98 2.40 -38.82 | 69.68 2.70 -45.51 | 64.02 2.67 -40.54 | 59.66 2.75 -35.75 | 54.89 2.85 -30.25 | 46.64 2.98 -21.60 | 45.12 2.56 -21.05 | 43.36 1.89 -22.63 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___3 23535 | 37.03 1.30 -23.05 | 34.78 1.29 -20.93 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.30 1.26 -20.34 | 36.58 1.49 -20.14 | 49.23 2.29 -25.59 | 51.78 2.67 -27.20 | 51.65 2.33 -31.68 | 49.48 2.34 -29.66 | 47.51 2.36 -27.28 | 46.35 2.36 -26.21 | 44.87 2.37 -24.72 | 44.17 2.44 -23.55 | 43.51 2.43 -22.92 | 44.84 2.45 -24.34 | 58.93 2.35 -38.82 | 69.66 2.68 -45.51 | 63.98 2.62 -40.54 | 59.62 2.71 -35.75 | 54.81 2.77 -30.25 | 46.54 2.89 -21.59 | 45.01 2.45 -21.04 | 43.28 1.81 -22.62 |
| RAVENSWOOD___4 23820 | 37.09 1.34 -23.05 | 34.85 1.36 -20.93 | 36.11 1.28 -22.78 | 34.86 1.29 -21.24 | 34.37 1.32 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.84 2.74 -27.20 | 51.73 2.40 -31.69 | 51.30 2.41 -31.42 | 51.91 2.43 -31.62 | 51.68 2.44 -31.47 | 51.39 2.44 -31.16 | 51.25 2.51 -30.56 | 51.12 2.51 -30.46 | 50.50 2.53 -29.93 | 58.98 2.40 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.87 2.83 -30.25 | 46.64 2.98 -21.60 | 45.10 2.54 -21.05 | 43.36 1.89 -22.62 |
| RCPL_TRUST___DRP 24196 | 37.04 1.31 -23.04 | 34.79 1.31 -20.92 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.60 1.52 -20.14 | 49.27 2.33 -25.59 | 51.79 2.69 -27.20 | 51.67 2.35 -31.68 | 49.51 2.38 -29.66 | 47.54 2.39 -27.28 | 46.38 2.40 -26.20 | 44.89 2.38 -24.71 | 44.20 2.47 -23.55 | 43.54 2.47 -22.92 | 44.88 2.49 -24.34 | 58.96 2.38 -38.81 | 69.70 2.73 -45.50 | 64.02 2.67 -40.54 | 59.65 2.75 -35.75 | 54.83 2.79 -30.25 | 46.57 2.91 -21.59 | 45.03 2.47 -21.04 | 43.30 1.83 -22.61 |
| RENSSELAER___COGEN 23796 | 48.12 0.95 -34.48 | 44.79 0.92 -31.31 | 47.00 0.88 -34.08 | 44.99 0.90 -31.76 | 44.07 0.94 -30.43 | 46.21 1.14 -30.13 | 61.34 1.71 -38.29 | 64.24 1.64 -40.70 | 61.80 1.52 -42.65 | 58.11 1.50 -39.14 | 56.26 1.54 -36.86 | 54.27 1.53 -34.97 | 52.14 1.51 -32.83 | 52.04 1.56 -32.30 | 50.99 1.56 -31.27 | 52.70 1.55 -33.11 | 72.68 1.49 -53.42 | 85.67 1.80 -62.40 | 74.87 1.75 -52.30 | 69.47 1.80 -46.52 | 64.61 1.83 -40.99 | 53.06 1.85 -29.14 | 54.82 1.81 -31.50 | 54.17 1.45 -33.86 |
| REVERE_CPPR_DRP 24186 | 13.06 0.37 0.00 | 12.85 0.29 0.00 | 12.29 0.24 0.00 | 12.57 0.25 0.00 | 13.03 0.33 0.00 | 15.38 0.43 0.00 | 21.97 0.64 0.02 | 22.69 0.79 0.00 | 27.33 0.60 -9.09 | 28.08 0.59 -10.01 | 26.08 0.64 -7.57 | 26.56 0.68 -8.11 | 26.36 0.64 -7.92 | 24.40 0.60 -5.62 | 24.54 0.62 -5.76 | 24.97 0.56 -6.36 | 27.38 0.68 -8.93 | 33.26 0.88 -10.91 | 37.66 0.87 -15.97 | 35.27 0.78 -13.33 | 30.80 0.83 -8.18 | 28.89 0.77 -6.06 | 22.25 0.73 0.00 | 19.46 0.60 0.00 |
| RIVERBAY___ 323610 | 37.20 1.46 -23.05 | 34.97 1.47 -20.94 | 36.23 1.40 -22.79 | 34.98 1.42 -21.24 | 34.50 1.45 -20.35 | 36.74 1.66 -20.14 | 49.27 2.33 -25.59 | 51.91 2.80 -27.20 | 51.78 2.45 -31.69 | 49.57 2.45 -29.65 | 47.61 2.47 -27.28 | 46.45 2.47 -26.20 | 44.99 2.47 -24.72 | 44.27 2.55 -23.54 | 43.64 2.56 -22.93 | 44.96 2.56 -24.35 | 59.07 2.49 -38.82 | 69.74 2.77 -45.51 | 64.13 2.77 -40.54 | 59.72 2.81 -35.75 | 55.02 2.99 -30.25 | 46.69 3.02 -21.60 | 45.19 2.62 -21.05 | 43.50 2.02 -22.63 |
| ROCHESTER_9_IC 23652 | 15.21 0.24 -2.28 | 14.76 0.13 -2.07 | 14.37 0.07 -2.26 | 14.50 0.07 -2.10 | 14.96 0.24 -2.01 | 17.40 0.46 -1.99 | 24.44 0.55 -2.53 | 24.84 0.24 -2.69 | 28.32 -0.07 -10.75 | 28.69 -0.10 -11.32 | 26.80 -0.11 -9.04 | 27.02 -0.14 -9.38 | 26.78 -0.09 -9.08 | 25.18 -0.04 -7.03 | 25.22 -0.04 -7.09 | 25.65 -0.11 -7.71 | 28.79 -0.18 -11.20 | 34.83 -0.13 -13.49 | 37.96 -0.14 -17.28 | 35.55 -0.21 -14.60 | 31.22 -0.33 -9.75 | 28.83 -0.38 -7.15 | 23.31 -0.19 -1.99 | 21.14 0.15 -2.14 |
| ROSETON___1 23587 | 37.00 1.12 -23.19 | 34.74 1.12 -21.06 | 36.04 1.07 -22.92 | 34.77 1.08 -21.36 | 34.29 1.12 -20.47 | 36.52 1.32 -20.27 | 49.09 1.99 -25.75 | 51.46 2.19 -27.37 | 51.39 1.92 -31.82 | 49.18 1.92 -29.78 | 47.22 1.95 -27.41 | 46.05 1.96 -26.32 | 44.55 1.94 -24.82 | 43.84 2.00 -23.66 | 43.18 2.00 -23.03 | 44.52 2.02 -24.46 | 58.69 1.92 -39.00 | 69.46 2.27 -45.72 | 63.72 2.21 -40.69 | 59.31 2.26 -35.89 | 54.49 2.31 -30.39 | 46.16 2.41 -21.69 | 44.73 2.05 -21.17 | 43.16 1.55 -22.76 |
| ROSETON___2 23588 | 37.00 1.12 -23.19 | 34.74 1.12 -21.06 | 36.04 1.07 -22.92 | 34.77 1.08 -21.36 | 34.29 1.12 -20.47 | 36.52 1.32 -20.27 | 49.09 1.99 -25.75 | 51.46 2.19 -27.37 | 51.39 1.92 -31.82 | 49.18 1.92 -29.78 | 47.22 1.95 -27.41 | 46.05 1.96 -26.32 | 44.55 1.94 -24.82 | 43.84 2.00 -23.66 | 43.18 2.00 -23.03 | 44.52 2.02 -24.46 | 58.69 1.92 -39.00 | 69.46 2.27 -45.72 | 63.72 2.21 -40.69 | 59.31 2.26 -35.89 | 54.49 2.31 -30.39 | 46.16 2.41 -21.69 | 44.73 2.05 -21.17 | 43.16 1.55 -22.76 |
| RUSSELL___1 23602 | 15.27 0.29 -2.28 | 14.81 0.18 -2.07 | 14.41 0.11 -2.26 | 14.55 0.12 -2.10 | 15.03 0.30 -2.02 | 17.46 0.52 -2.00 | 24.55 0.66 -2.54 | 24.95 0.35 -2.70 | 28.41 0.02 -10.75 | 28.77 -0.02 -11.32 | 26.89 -0.02 -9.04 | 27.11 -0.05 -9.38 | 26.87 0.00 -9.08 | 25.29 0.07 -7.03 | 25.31 0.05 -7.10 | 25.76 0.00 -7.71 | 28.90 -0.07 -11.20 | 34.98 0.02 -13.50 | 38.10 0.00 -17.29 | 35.70 -0.06 -14.61 | 31.37 -0.18 -9.75 | 28.97 -0.24 -7.15 | 23.42 -0.09 -1.99 | 21.24 0.24 -2.14 |
| RUSSELL___2 23532 | 15.27 0.29 -2.28 | 14.81 0.18 -2.07 | 14.41 0.11 -2.26 | 14.55 0.12 -2.10 | 15.03 0.30 -2.02 | 17.46 0.52 -2.00 | 24.55 0.66 -2.54 | 24.95 0.35 -2.70 | 28.41 0.02 -10.75 | 28.77 -0.02 -11.32 | 26.89 -0.02 -9.04 | 27.11 -0.05 -9.38 | 26.87 0.00 -9.08 | 25.29 0.07 -7.03 | 25.31 0.05 -7.10 | 25.76 0.00 -7.71 | 28.90 -0.07 -11.20 | 34.98 0.02 -13.50 | 38.10 0.00 -17.29 | 35.70 -0.06 -14.61 | 31.37 -0.18 -9.75 | 28.97 -0.24 -7.15 | 23.42 -0.09 -1.99 | 21.24 0.24 -2.14 |
| RUSSELL___3 23549 | 15.27 0.29 -2.28 | 14.81 0.18 -2.07 | 14.41 0.11 -2.26 | 14.55 0.12 -2.10 | 15.03 0.30 -2.02 | 17.46 0.52 -2.00 | 24.55 0.66 -2.54 | 24.95 0.35 -2.70 | 28.41 0.02 -10.75 | 28.77 -0.02 -11.32 | 26.89 -0.02 -9.04 | 27.11 -0.05 -9.38 | 26.87 0.00 -9.08 | 25.29 0.07 -7.03 | 25.31 0.05 -7.10 | 25.76 0.00 -7.71 | 28.90 -0.07 -11.20 | 34.98 0.02 -13.50 | 38.10 0.00 -17.29 | 35.70 -0.06 -14.61 | 31.37 -0.18 -9.75 | 28.97 -0.24 -7.15 | 23.42 -0.09 -1.99 | 21.24 0.24 -2.14 |
| RUSSELL___4 23556 | 15.27 0.29 -2.28 | 14.81 0.18 -2.07 | 14.41 0.11 -2.26 | 14.55 0.12 -2.10 | 15.03 0.30 -2.02 | 17.46 0.52 -2.00 | 24.55 0.66 -2.54 | 24.95 0.35 -2.70 | 28.41 0.02 -10.75 | 28.77 -0.02 -11.32 | 26.89 -0.02 -9.04 | 27.11 -0.05 -9.38 | 26.87 0.00 -9.08 | 25.29 0.07 -7.03 | 25.31 0.05 -7.10 | 25.76 0.00 -7.71 | 28.90 -0.07 -11.20 | 34.98 0.02 -13.50 | 38.10 0.00 -17.29 | 35.70 -0.06 -14.61 | 31.37 -0.18 -9.75 | 28.97 -0.24 -7.15 | 23.42 -0.09 -1.99 | 21.24 0.24 -2.14 |
| RUSSELL___STATION 23914 | 15.27 0.29 -2.28 | 14.81 0.18 -2.07 | 14.41 0.11 -2.26 | 14.55 0.12 -2.10 | 15.03 0.30 -2.02 | 17.46 0.52 -2.00 | 24.55 0.66 -2.54 | 24.95 0.35 -2.70 | 28.41 0.02 -10.75 | 28.77 -0.02 -11.32 | 26.89 -0.02 -9.04 | 27.11 -0.05 -9.38 | 26.87 0.00 -9.08 | 25.29 0.07 -7.03 | 25.31 0.05 -7.10 | 25.76 0.00 -7.71 | 28.90 -0.07 -11.20 | 34.98 0.02 -13.50 | 38.10 0.00 -17.29 | 35.70 -0.06 -14.61 | 31.37 -0.18 -9.75 | 28.97 -0.24 -7.15 | 23.42 -0.09 -1.99 | 21.24 0.24 -2.14 |
| S SALMON___HYD 24043 | 13.45 -0.18 -0.94 | 13.17 -0.24 -0.85 | 12.71 -0.27 -0.93 | 12.93 -0.26 -0.86 | 13.33 -0.20 -0.83 | 15.57 -0.19 -0.82 | 22.05 -0.32 -1.02 | 22.81 -0.20 -1.11 | 26.45 -0.25 -9.06 | 26.97 -0.26 -9.76 | 25.23 -0.21 -7.58 | 25.56 -0.21 -7.99 | 25.35 -0.21 -7.77 | 23.70 -0.24 -5.76 | 23.78 -0.24 -5.86 | 24.25 -0.25 -6.46 | 26.87 -0.20 -9.30 | 32.52 -0.21 -11.27 | 35.95 -0.23 -15.36 | 33.77 -0.30 -12.91 | 29.86 -0.22 -8.28 | 27.90 -0.26 -6.10 | 22.21 -0.22 -0.91 | 19.61 -0.23 -0.98 |

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| SAWYER_23_KV_LOAD_REV_LBMP_A 345024 | 16.22 0.47 -3.06 | 15.64 0.30 -2.78 | 15.33 0.25 -3.03 | 15.34 0.20 -2.82 | 15.75 0.34 -2.70 | 18.38 0.76 -2.68 | 25.69 0.94 -3.40 | 25.85 0.33 -3.61 | 29.18 -0.04 -11.57 | 29.42 -0.10 -12.05 | 27.50 -0.12 -9.76 | 27.62 -0.21 -10.05 | 27.30 -0.20 -9.70 | 25.66 -0.20 -7.68 | 25.64 -0.24 -7.71 | 26.14 -0.25 -8.35 | 29.59 -0.34 -12.16 | 35.67 -0.41 -14.62 | 38.45 -0.50 -18.14 | 35.98 -0.55 -15.37 | 31.50 -0.76 -10.48 | 28.90 -0.82 -7.66 | 23.65 -0.49 -2.63 | 21.81 0.13 -2.83 |
| SELKIRK___I 23801 | 47.98 0.80 -34.49 | 44.68 0.79 -31.32 | 46.88 0.75 -34.09 | 44.86 0.76 -31.77 | 43.95 0.80 -30.44 | 46.05 0.97 -30.14 | 61.10 1.45 -38.30 | 64.02 1.40 -40.71 | 61.63 1.32 -42.66 | 57.94 1.31 -39.15 | 56.08 1.34 -36.87 | 54.07 1.32 -34.98 | 51.95 1.32 -32.85 | 51.83 1.35 -32.31 | 50.79 1.34 -31.28 | 52.50 1.34 -33.12 | 72.51 1.30 -53.44 | 85.46 1.57 -62.42 | 74.66 1.52 -52.32 | 69.24 1.54 -46.54 | 64.38 1.59 -41.00 | 52.83 1.61 -29.16 | 54.55 1.53 -31.51 | 54.10 1.38 -33.87 |
| SELKIRK___II 23799 | 47.98 0.80 -34.49 | 44.66 0.78 -31.32 | 46.88 0.75 -34.09 | 44.86 0.76 -31.77 | 43.94 0.80 -30.44 | 46.04 0.96 -30.14 | 61.10 1.45 -38.30 | 64.02 1.40 -40.71 | 61.62 1.32 -42.66 | 57.94 1.31 -39.15 | 56.08 1.34 -36.87 | 54.07 1.32 -34.98 | 51.95 1.32 -32.84 | 51.83 1.35 -32.31 | 50.78 1.34 -31.28 | 52.50 1.34 -33.12 | 72.50 1.30 -53.44 | 85.45 1.57 -62.42 | 74.64 1.50 -52.32 | 69.24 1.54 -46.54 | 64.36 1.57 -41.00 | 52.83 1.61 -29.15 | 54.55 1.53 -31.51 | 54.10 1.38 -33.87 |
| SENECA OSWGO___HYD 24041 | 13.95 0.04 -1.22 | 13.66 -0.01 -1.11 | 13.22 -0.04 -1.21 | 13.43 -0.02 -1.13 | 13.82 0.04 -1.08 | 16.10 0.09 -1.07 | 22.81 0.11 -1.35 | 23.43 0.09 -1.44 | 26.94 -0.02 -9.32 | 27.44 -0.02 -9.98 | 25.66 -0.02 -7.81 | 25.96 -0.02 -8.20 | 25.72 -0.04 -7.97 | 24.11 -0.04 -5.97 | 24.18 -0.04 -6.06 | 24.65 -0.05 -6.66 | 27.36 -0.05 -9.64 | 33.11 -0.02 -11.67 | 36.42 -0.04 -15.64 | 34.27 -0.04 -13.16 | 30.28 -0.04 -8.54 | 28.25 -0.09 -6.28 | 22.61 -0.06 -1.16 | 20.10 0.00 -1.25 |
| SENECA___ENERGY 23797 | 15.84 0.42 -2.73 | 15.34 0.30 -2.48 | 14.98 0.24 -2.70 | 15.10 0.26 -2.51 | 15.52 0.41 -2.41 | 17.95 0.63 -2.38 | 25.28 0.90 -3.03 | 25.87 0.75 -3.22 | 29.20 0.39 -11.17 | 29.52 0.37 -11.68 | 27.65 0.38 -9.41 | 27.84 0.34 -9.72 | 27.50 0.32 -9.39 | 25.92 0.36 -7.37 | 25.92 0.34 -7.42 | 26.38 0.33 -8.02 | 29.21 0.18 -11.27 | 35.36 0.32 -13.57 | 38.40 0.31 -17.27 | 36.04 0.27 -14.61 | 31.78 0.20 -9.79 | 29.37 0.13 -7.17 | 23.76 0.15 -2.09 | 21.40 0.30 -2.25 |
| SHOEMAKER___GT 23640 | 34.67 1.02 -20.96 | 32.63 1.03 -19.04 | 33.75 0.99 -20.72 | 32.65 1.01 -19.31 | 32.23 1.03 -18.50 | 34.46 1.20 -18.32 | 46.44 1.81 -23.28 | 48.62 1.97 -24.74 | 49.03 1.73 -29.66 | 47.11 1.73 -27.91 | 45.14 1.75 -25.52 | 44.13 1.76 -24.59 | 42.76 1.74 -23.22 | 41.92 1.80 -21.94 | 41.34 1.80 -21.38 | 42.60 1.82 -22.73 | 55.63 1.72 -36.14 | 65.93 2.06 -42.41 | 61.20 2.02 -38.36 | 56.99 2.07 -33.76 | 52.18 2.11 -28.27 | 44.45 2.18 -20.20 | 42.50 1.85 -19.13 | 40.84 1.41 -20.57 |
| SHOREHAM_IC_1 23715 | 36.93 1.19 -23.04 | 35.04 1.54 -20.93 | 36.31 1.48 -22.78 | 34.93 1.37 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.33 3.27 -25.71 | 52.47 3.22 -27.35 | 52.78 3.05 -32.09 | 49.94 2.69 -29.77 | 48.20 2.71 -27.62 | 47.16 2.93 -26.45 | 46.06 2.90 -25.37 | 45.01 3.02 -23.81 | 44.63 3.07 -23.40 | 46.99 3.14 -25.81 | 60.10 3.50 -38.83 | 75.90 3.91 -50.53 | 70.20 3.81 -45.57 | 60.86 3.93 -35.77 | 58.08 4.07 -32.21 | 48.96 3.62 -23.28 | 46.07 3.29 -21.26 | 44.95 2.86 -23.23 |
| SHOREHAM_IC_2 23716 | 36.93 1.19 -23.04 | 35.04 1.54 -20.93 | 36.31 1.48 -22.78 | 34.93 1.37 -21.23 | 34.28 1.23 -20.34 | 36.89 1.81 -20.14 | 50.33 3.27 -25.71 | 52.47 3.22 -27.35 | 52.78 3.05 -32.09 | 49.94 2.69 -29.77 | 48.20 2.71 -27.62 | 47.16 2.93 -26.45 | 46.06 2.90 -25.37 | 45.01 3.02 -23.81 | 44.63 3.07 -23.40 | 46.99 3.14 -25.81 | 60.10 3.50 -38.83 | 75.90 3.91 -50.53 | 70.20 3.81 -45.57 | 60.86 3.93 -35.77 | 58.08 4.07 -32.21 | 48.96 3.62 -23.28 | 46.07 3.29 -21.26 | 44.95 2.86 -23.23 |
| SISSONVILLE____ 23735 | 11.46 -1.23 0.00 | 11.26 -1.31 0.00 | 10.72 -1.33 0.00 | 10.97 -1.36 0.00 | 11.18 -1.52 0.00 | 12.79 -2.15 0.00 | 17.12 -4.01 0.22 | 19.34 -2.56 0.00 | 21.43 -2.28 -6.07 | 21.45 -2.71 -6.68 | 20.90 -2.02 -5.05 | 21.41 -1.78 -5.41 | 21.62 -1.46 -5.29 | 20.26 -1.67 -3.75 | 20.41 -1.60 -3.85 | 20.63 -1.66 -4.25 | 22.22 -1.40 -5.86 | 26.02 -2.60 -7.15 | 28.00 -3.29 -10.47 | 26.36 -3.53 -8.74 | 24.43 -2.72 -5.36 | 23.63 -2.40 -3.97 | 20.23 -1.29 0.00 | 16.59 -2.26 0.00 |
| SITHE_IND_GS1 24169 | 13.64 -0.10 -1.05 | 13.38 -0.14 -0.96 | 12.94 -0.14 -1.04 | 13.15 -0.15 -0.97 | 13.53 -0.10 -0.93 | 15.79 -0.07 -0.92 | 22.35 -0.17 -1.17 | 22.91 -0.24 -1.25 | 26.39 -0.25 -9.00 | 26.88 -0.26 -9.67 | 25.15 -0.25 -7.53 | 25.44 -0.27 -7.93 | 25.25 -0.25 -7.71 | 23.67 -0.25 -5.74 | 23.74 -0.25 -5.83 | 24.16 -0.27 -6.39 | 26.68 -0.28 -9.20 | 32.29 -0.32 -11.15 | 35.61 -0.33 -15.13 | 33.53 -0.34 -12.71 | 29.62 -0.35 -8.18 | 27.71 -0.38 -6.02 | 22.17 -0.30 -0.96 | 19.67 -0.21 -1.03 |
| SITHE_IND_GS2 24170 | 13.64 -0.10 -1.05 | 13.38 -0.14 -0.96 | 12.94 -0.14 -1.04 | 13.15 -0.15 -0.97 | 13.53 -0.10 -0.93 | 15.79 -0.07 -0.92 | 22.35 -0.17 -1.17 | 22.91 -0.24 -1.25 | 26.39 -0.25 -9.00 | 26.88 -0.26 -9.67 | 25.15 -0.25 -7.53 | 25.44 -0.27 -7.93 | 25.25 -0.25 -7.71 | 23.67 -0.25 -5.74 | 23.74 -0.25 -5.83 | 24.16 -0.27 -6.39 | 26.68 -0.28 -9.20 | 32.29 -0.32 -11.15 | 35.61 -0.33 -15.13 | 33.53 -0.34 -12.71 | 29.62 -0.35 -8.18 | 27.71 -0.38 -6.02 | 22.17 -0.30 -0.96 | 19.67 -0.21 -1.03 |
| SITHE_IND_GS3 24171 | 13.64 -0.10 -1.05 | 13.38 -0.14 -0.96 | 12.94 -0.14 -1.04 | 13.15 -0.15 -0.97 | 13.53 -0.10 -0.93 | 15.79 -0.07 -0.92 | 22.35 -0.17 -1.17 | 22.91 -0.24 -1.25 | 26.39 -0.25 -9.00 | 26.88 -0.26 -9.67 | 25.15 -0.25 -7.53 | 25.44 -0.27 -7.93 | 25.25 -0.25 -7.71 | 23.67 -0.25 -5.74 | 23.74 -0.25 -5.83 | 24.16 -0.27 -6.39 | 26.68 -0.28 -9.20 | 32.29 -0.32 -11.15 | 35.61 -0.33 -15.13 | 33.53 -0.34 -12.71 | 29.62 -0.35 -8.18 | 27.71 -0.38 -6.02 | 22.17 -0.30 -0.96 | 19.67 -0.21 -1.03 |
| SITHE_IND_GS4 24172 | 13.64 -0.10 -1.05 | 13.38 -0.14 -0.96 | 12.94 -0.14 -1.04 | 13.15 -0.15 -0.97 | 13.53 -0.10 -0.93 | 15.79 -0.07 -0.92 | 22.35 -0.17 -1.17 | 22.91 -0.24 -1.25 | 26.39 -0.25 -9.00 | 26.88 -0.26 -9.67 | 25.15 -0.25 -7.53 | 25.44 -0.27 -7.93 | 25.25 -0.25 -7.71 | 23.67 -0.25 -5.74 | 23.74 -0.25 -5.83 | 24.16 -0.27 -6.39 | 26.68 -0.28 -9.20 | 32.29 -0.32 -11.15 | 35.61 -0.33 -15.13 | 33.53 -0.34 -12.71 | 29.62 -0.35 -8.18 | 27.71 -0.38 -6.02 | 22.17 -0.30 -0.96 | 19.67 -0.21 -1.03 |
| SITHE___BATAVIA 24024 | 15.99 0.61 -2.69 | 15.45 0.45 -2.44 | 15.07 0.37 -2.66 | 15.16 0.36 -2.47 | 15.65 0.57 -2.37 | 18.28 0.99 -2.35 | 25.59 1.26 -2.98 | 25.73 0.66 -3.17 | 29.04 0.23 -11.17 | 29.31 0.14 -11.70 | 27.42 0.14 -9.41 | 27.58 0.07 -9.73 | 27.28 0.09 -9.40 | 25.69 0.14 -7.37 | 25.70 0.13 -7.41 | 26.12 0.04 -8.04 | 29.46 -0.02 -11.71 | 35.62 0.06 -14.09 | 38.53 -0.02 -17.73 | 36.08 -0.08 -15.01 | 31.67 -0.26 -10.14 | 29.10 -0.38 -7.42 | 23.74 -0.11 -2.33 | 21.85 0.49 -2.50 |
| SITHE___INDEPEND 23800 | 13.64 -0.10 -1.05 | 13.38 -0.14 -0.96 | 12.94 -0.14 -1.04 | 13.15 -0.15 -0.97 | 13.53 -0.10 -0.93 | 15.79 -0.07 -0.92 | 22.35 -0.17 -1.17 | 22.91 -0.24 -1.25 | 26.39 -0.25 -9.00 | 26.88 -0.26 -9.67 | 25.15 -0.25 -7.53 | 25.44 -0.27 -7.93 | 25.25 -0.25 -7.71 | 23.67 -0.25 -5.74 | 23.74 -0.25 -5.83 | 24.16 -0.27 -6.39 | 26.68 -0.28 -9.20 | 32.29 -0.32 -11.15 | 35.61 -0.33 -15.13 | 33.53 -0.34 -12.71 | 29.62 -0.35 -8.18 | 27.71 -0.38 -6.02 | 22.17 -0.30 -0.96 | 19.67 -0.21 -1.03 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SITHE___MASSENA 23902 | 11.37 -1.32 0.00 | 11.16 -1.41 0.00 | 10.62 -1.42 0.00 | 10.87 -1.45 0.00 | 11.09 -1.61 0.00 | 12.70 -2.24 0.00 | 16.73 -4.40 0.22 | 19.49 -2.41 0.00 | 21.52 -2.19 -6.07 | 21.37 -2.78 -6.68 | 21.02 -1.89 -5.05 | 21.52 -1.67 -5.41 | 21.76 -1.32 -5.29 | 20.36 -1.56 -3.75 | 20.51 -1.49 -3.85 | 20.74 -1.55 -4.25 | 22.38 -1.24 -5.86 | 25.98 -2.64 -7.15 | 27.75 -3.54 -10.47 | 26.06 -3.83 -8.74 | 24.39 -2.77 -5.36 | 23.56 -2.47 -3.97 | 20.35 -1.16 0.00 | 16.29 -2.56 0.00 |
| SITHE___OGDNSBRG 24021 | 11.54 -1.15 0.00 | 11.31 -1.26 0.00 | 10.74 -1.30 0.00 | 11.01 -1.32 0.00 | 11.24 -1.46 0.00 | 12.90 -2.05 0.00 | 17.12 -4.01 0.22 | 19.84 -2.06 0.00 | 21.80 -1.91 -6.07 | 21.69 -2.46 -6.68 | 21.31 -1.61 -5.05 | 21.80 -1.39 -5.41 | 22.01 -1.07 -5.29 | 20.62 -1.31 -3.75 | 20.79 -1.22 -3.85 | 20.99 -1.30 -4.25 | 22.68 -0.94 -5.86 | 26.43 -2.19 -7.15 | 28.25 -3.04 -10.47 | 26.55 -3.34 -8.74 | 24.82 -2.33 -5.36 | 23.96 -2.07 -3.97 | 20.68 -0.84 0.00 | 16.63 -2.22 0.00 |
| SITHE___STERLING 23777 | 13.06 0.37 0.00 | 12.86 0.30 0.00 | 12.30 0.25 0.00 | 12.59 0.26 0.00 | 13.05 0.34 0.00 | 15.39 0.45 0.00 | 22.00 0.66 0.02 | 22.65 0.75 0.00 | 27.31 0.55 -9.13 | 28.06 0.54 -10.05 | 26.05 0.59 -7.60 | 26.52 0.60 -8.14 | 26.31 0.57 -7.95 | 24.36 0.54 -5.64 | 24.49 0.54 -5.79 | 24.94 0.50 -6.39 | 27.32 0.59 -8.97 | 33.19 0.77 -10.95 | 37.60 0.75 -16.03 | 35.23 0.70 -13.38 | 30.72 0.72 -8.21 | 28.81 0.66 -6.08 | 22.14 0.62 0.00 | 19.40 0.55 0.00 |
| SOUTH CAIRO___GT 23612 | 40.56 1.13 -26.74 | 37.99 1.14 -24.29 | 39.58 1.10 -26.43 | 38.13 1.17 -24.64 | 37.46 1.16 -23.60 | 39.66 1.35 -23.37 | 53.06 2.01 -29.70 | 55.53 2.06 -31.57 | 54.74 1.87 -35.23 | 52.04 1.83 -32.73 | 50.12 1.88 -30.38 | 48.70 1.88 -29.04 | 46.97 1.83 -27.34 | 46.49 1.93 -26.38 | 45.67 1.89 -25.62 | 47.13 1.91 -27.18 | 63.19 1.88 -43.54 | 74.84 2.40 -50.97 | 67.49 2.33 -44.35 | 62.72 2.33 -39.23 | 57.85 2.33 -33.72 | 48.50 2.41 -24.04 | 48.07 2.13 -24.42 | 46.90 1.79 -26.26 |
| SOUTH HAMPTN___IC 23720 | 37.42 1.69 -23.04 | 35.52 2.02 -20.93 | 36.78 1.95 -22.78 | 35.41 1.85 -21.23 | 34.76 1.71 -20.34 | 37.52 2.44 -20.14 | 51.35 4.29 -25.71 | 53.56 4.32 -27.35 | 53.68 3.95 -32.09 | 50.79 3.55 -29.77 | 49.07 3.59 -27.61 | 48.00 3.77 -26.45 | 46.89 3.74 -25.36 | 45.81 3.82 -23.81 | 45.42 3.87 -23.40 | 47.85 4.01 -25.81 | 61.04 4.44 -38.83 | 77.10 5.11 -50.53 | 71.34 4.95 -45.57 | 61.98 5.06 -35.77 | 59.21 5.21 -32.21 | 50.08 4.74 -23.28 | 47.04 4.26 -21.26 | 45.78 3.70 -23.23 |
| SOUTHOLD___IC 23719 | 37.64 1.90 -23.04 | 35.73 2.24 -20.93 | 36.99 2.17 -22.78 | 35.62 2.06 -21.23 | 34.98 1.93 -20.34 | 37.78 2.71 -20.14 | 51.80 4.74 -25.71 | 54.05 4.80 -27.35 | 54.05 4.32 -32.09 | 51.16 3.91 -29.77 | 49.43 3.95 -27.61 | 48.34 4.11 -26.45 | 47.25 4.09 -25.36 | 46.15 4.16 -23.81 | 45.77 4.21 -23.40 | 48.21 4.37 -25.81 | 61.45 4.85 -38.83 | 77.62 5.62 -50.53 | 71.86 5.47 -45.57 | 62.49 5.56 -35.77 | 59.69 5.69 -32.21 | 50.59 5.25 -23.28 | 47.47 4.69 -21.26 | 46.14 4.05 -23.23 |
| ST LAWRENCE___ 23600 | 11.36 -0.58 0.74 | 11.35 -0.54 0.68 | 10.81 -0.51 0.74 | 11.12 -0.52 0.69 | 11.44 -0.61 0.66 | 13.53 -0.76 0.65 | 18.92 -1.11 1.32 | 19.93 -1.09 0.88 | 18.22 -0.90 -1.48 | 18.40 -0.87 -1.80 | 18.18 -0.89 -1.20 | 18.29 -0.87 -1.39 | 18.32 -0.85 -1.38 | 18.08 -0.89 -0.79 | 18.11 -0.89 -0.85 | 18.15 -0.87 -0.97 | 18.14 -0.69 -1.07 | 21.99 -0.84 -1.36 | 22.73 -0.81 -2.72 | 22.55 -0.83 -2.22 | 22.09 -0.83 -1.13 | 22.08 -0.84 -0.86 | 20.17 -0.75 0.60 | 17.61 -0.60 0.64 |
| STATION 5_MISC_HYD 23604 | 15.21 0.24 -2.28 | 14.76 0.13 -2.07 | 14.37 0.07 -2.26 | 14.50 0.07 -2.10 | 14.96 0.24 -2.01 | 17.40 0.46 -1.99 | 24.44 0.55 -2.53 | 24.84 0.24 -2.69 | 28.32 -0.07 -10.75 | 28.69 -0.10 -11.32 | 26.80 -0.11 -9.04 | 27.02 -0.14 -9.38 | 26.78 -0.09 -9.08 | 25.18 -0.04 -7.03 | 25.22 -0.04 -7.09 | 25.65 -0.11 -7.71 | 28.79 -0.18 -11.20 | 34.83 -0.13 -13.49 | 37.96 -0.14 -17.28 | 35.55 -0.21 -14.60 | 31.22 -0.33 -9.75 | 28.83 -0.38 -7.15 | 23.31 -0.19 -1.99 | 21.14 0.15 -2.14 |
| STA_168_34_KV_BK1_2_REV_LBMP_B 345032 | 15.35 0.34 -2.32 | 14.91 0.24 -2.11 | 14.52 0.18 -2.29 | 14.67 0.21 -2.14 | 15.12 0.37 -2.05 | 17.57 0.60 -2.03 | 24.74 0.81 -2.58 | 25.25 0.61 -2.74 | 28.66 0.26 -10.76 | 29.02 0.23 -11.32 | 27.15 0.23 -9.05 | 27.36 0.20 -9.39 | 27.09 0.21 -9.08 | 25.50 0.27 -7.05 | 25.54 0.27 -7.11 | 25.98 0.22 -7.72 | 29.10 0.16 -11.17 | 35.25 0.32 -13.47 | 38.35 0.29 -17.24 | 35.95 0.23 -14.57 | 31.68 0.15 -9.73 | 29.26 0.07 -7.13 | 23.67 0.15 -2.00 | 21.36 0.36 -2.15 |
| STA_56_34_KV_BUS2_REV_LBMP_B 345033 | 15.12 0.14 -2.29 | 14.68 0.04 -2.08 | 14.29 -0.02 -2.27 | 14.43 -0.01 -2.11 | 14.87 0.14 -2.02 | 17.27 0.33 -2.00 | 24.28 0.38 -2.55 | 24.72 0.11 -2.71 | 28.25 -0.14 -10.75 | 28.62 -0.17 -11.32 | 26.73 -0.18 -9.04 | 26.96 -0.21 -9.39 | 26.70 -0.18 -9.08 | 25.09 -0.13 -7.04 | 25.13 -0.13 -7.10 | 25.58 -0.18 -7.72 | 28.71 -0.25 -11.19 | 34.74 -0.21 -13.48 | 37.87 -0.23 -17.27 | 35.46 -0.30 -14.60 | 31.12 -0.41 -9.75 | 28.74 -0.46 -7.14 | 23.20 -0.30 -1.99 | 21.01 0.02 -2.14 |
| STEEL___WIND 323596 | 16.57 0.68 -3.19 | 15.96 0.50 -2.90 | 15.64 0.45 -3.15 | 15.66 0.39 -2.94 | 16.07 0.55 -2.81 | 18.78 1.05 -2.79 | 26.28 1.39 -3.54 | 26.54 0.88 -3.76 | 29.75 0.41 -11.71 | 29.97 0.33 -12.17 | 28.06 0.32 -9.87 | 28.17 0.23 -10.16 | 27.83 0.23 -9.80 | 26.18 0.22 -7.78 | 26.15 0.18 -7.81 | 26.68 0.18 -8.45 | 30.16 0.13 -12.30 | 36.37 0.09 -14.78 | 39.08 0.00 -18.26 | 36.60 -0.04 -15.48 | 32.09 -0.28 -10.58 | 29.42 -0.38 -7.73 | 24.15 -0.09 -2.72 | 22.25 0.47 -2.93 |
| STEBEN_REC_LFGE 323667 | 17.69 0.75 -4.25 | 17.03 0.60 -3.86 | 16.79 0.54 -4.20 | 16.81 0.57 -3.92 | 17.22 0.76 -3.75 | 19.87 1.21 -3.71 | 27.84 1.77 -4.72 | 28.36 1.45 -5.02 | 31.30 0.85 -12.81 | 31.40 0.79 -13.14 | 29.49 0.79 -10.83 | 29.57 0.75 -11.05 | 29.10 0.68 -10.63 | 27.54 0.71 -8.65 | 27.49 0.69 -8.64 | 28.05 0.74 -9.27 | 32.24 0.71 -13.76 | 39.03 1.09 -16.47 | 41.38 1.04 -19.52 | 38.82 1.04 -16.63 | 34.29 0.83 -11.67 | 31.27 0.71 -8.50 | 25.93 0.71 -3.70 | 23.85 1.02 -3.98 |
| STONY___BROOK 24151 | 37.07 1.33 -23.04 | 35.02 1.53 -20.93 | 36.30 1.47 -22.78 | 34.95 1.39 -21.23 | 34.35 1.31 -20.34 | 36.99 1.91 -20.14 | 50.39 3.33 -25.71 | 52.71 3.46 -27.35 | 52.84 3.11 -32.09 | 50.18 2.93 -29.78 | 48.46 2.97 -27.62 | 47.24 3.01 -26.46 | 46.19 3.02 -25.37 | 45.11 3.11 -23.82 | 44.72 3.16 -23.41 | 47.04 3.18 -25.82 | 59.74 3.15 -38.83 | 75.60 3.61 -50.53 | 69.89 3.50 -45.57 | 60.54 3.62 -35.77 | 57.75 3.75 -32.21 | 49.13 3.77 -23.29 | 46.12 3.34 -21.27 | 44.80 2.72 -23.23 |
| STURGEON_POOL_HYD 23609 | 37.42 1.08 -23.65 | 35.16 1.12 -21.48 | 36.49 1.07 -23.38 | 35.25 1.13 -21.79 | 34.68 1.10 -20.87 | 36.84 1.23 -20.67 | 49.43 1.81 -26.26 | 51.83 2.01 -27.92 | 51.67 1.78 -32.25 | 49.40 1.78 -30.15 | 47.43 1.79 -27.78 | 46.23 1.79 -26.66 | 44.69 1.76 -25.13 | 44.04 1.86 -24.00 | 43.34 1.83 -23.35 | 44.72 1.88 -24.80 | 59.16 1.81 -39.58 | 70.11 2.25 -46.39 | 64.16 2.21 -41.14 | 59.68 2.22 -36.30 | 54.82 2.22 -30.81 | 46.41 2.36 -21.98 | 45.09 1.98 -21.59 | 43.57 1.51 -23.21 |
| SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026 | 35.26 1.10 -21.46 | 33.17 1.12 -19.49 | 34.33 1.07 -21.21 | 33.19 1.10 -19.77 | 32.76 1.12 -18.94 | 35.01 1.32 -18.75 | 47.15 1.96 -23.83 | 49.40 2.17 -25.33 | 49.69 1.91 -30.15 | 47.71 1.90 -28.33 | 45.74 1.93 -25.94 | 44.70 1.94 -24.98 | 43.29 1.92 -23.58 | 42.49 1.98 -22.33 | 41.89 1.98 -21.75 | 43.16 2.00 -23.12 | 56.45 1.90 -36.78 | 66.89 2.27 -43.15 | 61.90 2.21 -38.88 | 57.65 2.26 -34.23 | 52.85 2.31 -28.75 | 45.00 2.41 -20.54 | 43.15 2.05 -19.59 | 41.46 1.55 -21.06 |

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|---|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| SYNERGY___BIOGAS 323694 | 15.99 0.61 -2.69 | 15.45 0.45 -2.44 | 15.07 0.37 -2.66 | 15.16 0.36 -2.47 | 15.65 0.57 -2.37 | 18.28 0.99 -2.35 | 25.59 1.26 -2.98 | 25.73 0.66 -3.17 | 29.04 0.23 -11.17 | 29.31 0.14 -11.70 | 27.42 0.14 -9.41 | 27.58 0.07 -9.73 | 27.28 0.09 -9.40 | 25.69 0.14 -7.37 | 25.70 0.13 -7.41 | 26.12 0.04 -8.04 | 29.46 -0.02 -11.71 | 35.62 0.06 -14.09 | 38.53 -0.02 -17.73 | 36.08 -0.08 -15.01 | 31.67 -0.26 -10.14 | 29.10 -0.38 -7.42 | 23.74 -0.11 -2.33 | 21.85 0.49 -2.50 |
| SYRACUSE___ENERGY_ST1 323597 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| SYRACUSE___ENERGY_ST2 323598 | 14.40 0.18 -1.53 | 14.08 0.13 -1.39 | 13.66 0.10 -1.51 | 13.85 0.11 -1.41 | 14.24 0.18 -1.35 | 16.55 0.27 -1.34 | 23.41 0.36 -1.69 | 24.04 0.33 -1.81 | 27.63 0.16 -9.83 | 28.11 0.16 -10.48 | 26.27 0.16 -8.25 | 26.57 0.16 -8.63 | 26.31 0.14 -8.38 | 24.66 0.14 -6.34 | 24.71 0.13 -6.42 | 25.23 0.11 -7.08 | 28.24 0.13 -10.35 | 34.16 0.19 -12.50 | 37.43 0.19 -16.43 | 35.17 0.17 -13.84 | 31.04 0.15 -9.10 | 28.87 0.13 -6.68 | 23.16 0.13 -1.51 | 20.68 0.21 -1.62 |
| SYRACUSE___POWER 24017 | 14.22 0.22 -1.32 | 13.92 0.16 -1.20 | 13.48 0.13 -1.30 | 13.69 0.15 -1.21 | 14.08 0.22 -1.16 | 16.41 0.31 -1.15 | 23.25 0.45 -1.45 | 23.87 0.42 -1.55 | 27.58 0.21 -9.73 | 28.12 0.23 -10.42 | 26.25 0.23 -8.15 | 26.57 0.23 -8.56 | 26.32 0.21 -8.32 | 24.64 0.22 -6.24 | 24.69 0.20 -6.33 | 25.35 0.16 -7.15 | 28.34 0.18 -10.40 | 34.29 0.26 -12.56 | 37.63 0.25 -16.56 | 35.34 0.23 -13.95 | 31.16 0.22 -9.15 | 28.96 0.18 -6.72 | 23.15 0.15 -1.48 | 20.69 0.24 -1.59 |
| TRIGEN___CC 323695 | 36.98 1.22 -23.06 | 34.76 1.27 -20.93 | 36.03 1.20 -22.78 | 34.74 1.18 -21.23 | 34.19 1.14 -20.34 | 36.68 1.58 -20.16 | 50.49 2.65 -26.49 | 53.16 2.94 -28.32 | 53.23 2.54 -33.05 | 50.57 2.55 -30.54 | 50.24 2.57 -29.80 | 48.43 2.58 -28.08 | 48.53 2.56 -28.18 | 46.37 2.65 -25.53 | 46.33 2.65 -25.52 | 49.11 2.65 -28.41 | 59.12 2.52 -38.83 | 74.95 2.94 -50.55 | 69.86 2.85 -46.19 | 59.91 2.98 -35.77 | 57.13 3.01 -32.33 | 51.50 3.15 -26.28 | 47.00 2.73 -22.75 | 45.26 2.11 -24.30 |
| UNION___PROCESSING_DRP 323587 | 15.20 0.22 -2.30 | 14.75 0.10 -2.09 | 14.37 0.05 -2.27 | 14.49 0.05 -2.12 | 14.95 0.22 -2.03 | 17.37 0.42 -2.01 | 24.39 0.49 -2.55 | 24.79 0.17 -2.71 | 28.28 -0.12 -10.76 | 28.64 -0.16 -11.33 | 26.76 -0.16 -9.05 | 26.98 -0.20 -9.39 | 26.74 -0.14 -9.09 | 25.13 -0.09 -7.04 | 25.15 -0.11 -7.10 | 25.60 -0.16 -7.72 | 28.75 -0.23 -11.21 | 34.78 -0.19 -13.51 | 37.89 -0.23 -17.30 | 35.48 -0.30 -14.62 | 31.14 -0.41 -9.76 | 28.75 -0.46 -7.15 | 23.26 -0.26 -2.00 | 21.10 0.09 -2.15 |
| UPPER HUDSON___HYD 24058 | 50.23 0.98 -36.56 | 46.70 0.94 -33.20 | 49.06 0.88 -36.13 | 46.90 0.90 -33.68 | 45.92 0.95 -32.26 | 47.98 1.09 -31.95 | 63.94 1.96 -40.62 | 67.10 2.01 -43.18 | 64.01 1.75 -44.62 | 60.00 1.69 -40.84 | 58.21 1.75 -38.59 | 56.01 1.69 -36.54 | 53.77 1.69 -34.29 | 53.81 1.75 -33.88 | 52.68 1.74 -32.78 | 54.43 1.70 -34.69 | 75.56 1.72 -56.06 | 89.09 2.17 -65.45 | 77.28 2.08 -54.38 | 71.62 2.03 -48.43 | 66.76 2.05 -42.92 | 54.62 2.05 -30.50 | 56.94 2.00 -33.43 | 56.28 1.49 -35.93 |
| UPPER RAQUET___HYD 24056 | 11.46 -1.23 0.00 | 11.26 -1.31 0.00 | 10.72 -1.33 0.00 | 10.97 -1.36 0.00 | 11.18 -1.52 0.00 | 12.79 -2.15 0.00 | 17.12 -4.01 0.22 | 19.34 -2.56 0.00 | 21.43 -2.28 -6.07 | 21.45 -2.71 -6.68 | 20.90 -2.02 -5.05 | 21.41 -1.78 -5.41 | 21.62 -1.46 -5.29 | 20.26 -1.67 -3.75 | 20.41 -1.60 -3.85 | 20.63 -1.66 -4.25 | 22.22 -1.40 -5.86 | 26.02 -2.60 -7.15 | 28.00 -3.29 -10.47 | 26.36 -3.53 -8.74 | 24.43 -2.72 -5.36 | 23.63 -2.40 -3.97 | 20.23 -1.29 0.00 | 16.59 -2.26 0.00 |
| VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011 | 21.58 1.13 -7.75 | 20.69 1.08 -7.04 | 20.72 1.01 -7.66 | 20.51 1.04 -7.14 | 20.71 1.16 -6.84 | 23.00 1.29 -6.78 | 31.88 1.92 -8.61 | 33.18 2.12 -9.15 | 36.24 1.76 -16.84 | 36.04 1.78 -16.78 | 33.96 1.77 -14.32 | 33.88 1.78 -14.33 | 33.20 1.71 -13.70 | 31.59 1.67 -11.74 | 31.47 1.69 -11.63 | 32.19 1.68 -12.47 | 38.59 1.76 -19.07 | 46.33 2.21 -22.65 | 47.50 2.23 -24.45 | 44.42 2.22 -21.04 | 39.77 2.29 -15.69 | 35.66 2.25 -11.35 | 30.56 2.02 -7.02 | 28.14 1.73 -7.55 |
| VISCHER___FERRY HYD 24020 | 49.62 0.98 -35.95 | 46.14 0.93 -32.65 | 48.46 0.88 -35.54 | 46.35 0.90 -33.12 | 45.39 0.95 -31.73 | 47.54 1.18 -31.42 | 63.14 1.86 -39.93 | 66.15 1.80 -42.45 | 63.32 1.64 -44.04 | 59.41 1.61 -40.34 | 57.59 1.64 -38.08 | 55.47 1.62 -36.07 | 53.27 1.62 -33.86 | 53.25 1.65 -33.41 | 52.15 1.65 -32.34 | 53.89 1.62 -34.23 | 74.67 1.62 -55.28 | 88.02 2.00 -64.55 | 76.53 1.94 -53.77 | 70.97 1.95 -47.87 | 66.13 1.98 -42.35 | 54.15 1.99 -30.10 | 56.29 1.91 -32.85 | 55.62 1.45 -35.32 |
| W.NYACK_69_KV_BK 521_REV_LBMP_G 345027 | 36.16 1.23 -22.24 | 34.00 1.24 -20.19 | 35.20 1.18 -21.98 | 34.02 1.21 -20.48 | 33.56 1.23 -19.62 | 35.82 1.45 -19.43 | 48.22 2.18 -24.69 | 50.58 2.43 -26.25 | 50.65 2.12 -30.90 | 48.58 2.13 -28.98 | 46.61 2.14 -26.60 | 45.51 2.15 -25.58 | 44.08 2.15 -24.13 | 43.32 2.22 -22.92 | 42.69 2.21 -22.32 | 44.00 2.24 -23.72 | 57.66 2.11 -37.77 | 68.28 2.51 -44.30 | 62.94 2.43 -39.69 | 58.65 2.52 -34.97 | 53.82 2.55 -29.48 | 45.78 2.67 -21.05 | 44.07 2.26 -20.30 | 42.39 1.72 -21.82 |
| W49TH_ST_138_KV_38M43_REV_LBMP_J 345008 | 37.03 1.30 -23.04 | 34.79 1.31 -20.92 | 36.05 1.23 -22.78 | 34.80 1.24 -21.23 | 34.31 1.27 -20.34 | 36.59 1.51 -20.14 | 49.25 2.31 -25.59 | 51.77 2.67 -27.20 | 51.65 2.33 -31.68 | 49.49 2.36 -29.66 | 47.52 2.38 -27.28 | 46.37 2.38 -26.20 | 44.87 2.37 -24.71 | 44.18 2.45 -23.55 | 43.52 2.45 -22.92 | 44.86 2.47 -24.34 | 58.95 2.36 -38.81 | 69.67 2.70 -45.50 | 64.00 2.64 -40.54 | 59.63 2.73 -35.75 | 54.80 2.77 -30.25 | 46.54 2.89 -21.59 | 45.00 2.45 -21.04 | 43.28 1.81 -22.61 |
| WADING RIVER_IC_1 23522 | 36.88 1.14 -23.04 | 35.01 1.52 -20.93 | 36.28 1.46 -22.78 | 34.89 1.33 -21.23 | 34.24 1.19 -20.34 | 36.83 1.75 -20.14 | 50.24 3.18 -25.71 | 52.31 3.07 -27.34 | 52.73 3.00 -32.09 | 49.85 2.60 -29.77 | 48.10 2.63 -27.61 | 47.11 2.88 -26.45 | 46.00 2.85 -25.36 | 44.95 2.96 -23.80 | 44.57 3.01 -23.39 | 46.93 3.08 -25.80 | 60.10 3.50 -38.83 | 75.88 3.89 -50.53 | 70.18 3.79 -45.57 | 60.82 3.89 -35.77 | 58.04 4.03 -32.21 | 48.82 3.48 -23.27 | 45.98 3.21 -21.26 | 44.91 2.83 -23.23 |
| WADING RIVER_IC_2 23547 | 36.88 1.14 -23.04 | 35.01 1.52 -20.93 | 36.28 1.46 -22.78 | 34.89 1.33 -21.23 | 34.24 1.19 -20.34 | 36.83 1.75 -20.14 | 50.24 3.18 -25.71 | 52.31 3.07 -27.34 | 52.73 3.00 -32.09 | 49.85 2.60 -29.77 | 48.10 2.63 -27.61 | 47.11 2.88 -26.45 | 46.00 2.85 -25.36 | 44.95 2.96 -23.80 | 44.57 3.01 -23.39 | 46.93 3.08 -25.80 | 60.10 3.50 -38.83 | 75.88 3.89 -50.53 | 70.18 3.79 -45.57 | 60.82 3.89 -35.77 | 58.04 4.03 -32.21 | 48.82 3.48 -23.27 | 45.98 3.21 -21.26 | 44.91 2.83 -23.23 |
| WADING RIVER_IC_3 23601 | 36.88 1.14 -23.04 | 35.01 1.52 -20.93 | 36.28 1.46 -22.78 | 34.89 1.33 -21.23 | 34.24 1.19 -20.34 | 36.83 1.75 -20.14 | 50.24 3.18 -25.71 | 52.31 3.07 -27.34 | 52.73 3.00 -32.09 | 49.85 2.60 -29.77 | 48.10 2.63 -27.61 | 47.11 2.88 -26.45 | 46.00 2.85 -25.36 | 44.95 2.96 -23.80 | 44.57 3.01 -23.39 | 46.93 3.08 -25.80 | 60.10 3.50 -38.83 | 75.88 3.89 -50.53 | 70.18 3.79 -45.57 | 60.82 3.89 -35.77 | 58.04 4.03 -32.21 | 48.82 3.48 -23.27 | 45.98 3.21 -21.26 | 44.91 2.83 -23.23 |

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|--|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| WALDEN___HYDRO 24148 | 36.74 1.18 -22.87 | 34.53 1.19 -20.77 | 35.79 1.13 -22.61 | 34.57 1.17 -21.07 | 34.07 1.18 -20.19 | 36.32 1.39 -19.99 | 48.84 2.09 -25.40 | 51.22 2.32 -27.00 | 51.19 2.05 -31.51 | 49.02 2.04 -29.51 | 47.05 2.05 -27.13 | 45.91 2.06 -26.07 | 44.42 2.05 -24.59 | 43.72 2.13 -23.41 | 43.07 2.12 -22.79 | 44.39 2.15 -24.21 | 58.40 2.04 -38.59 | 69.15 2.45 -45.24 | 63.56 2.39 -40.35 | 59.18 2.45 -35.57 | 54.35 2.48 -30.08 | 46.12 2.58 -21.47 | 44.59 2.20 -20.88 | 42.96 1.66 -22.45 |
| WARRENSBURG___ 23737 | 50.23 0.98 -36.56 | 46.70 0.94 -33.20 | 49.06 0.88 -36.13 | 46.90 0.90 -33.68 | 45.92 0.95 -32.26 | 47.98 1.09 -31.95 | 63.94 1.96 -40.62 | 67.10 2.01 -43.18 | 64.01 1.75 -44.62 | 60.00 1.69 -40.84 | 58.21 1.75 -38.59 | 56.01 1.69 -36.54 | 53.77 1.69 -34.29 | 53.81 1.75 -33.88 | 52.68 1.74 -32.78 | 54.43 1.70 -34.69 | 75.56 1.72 -56.06 | 89.09 2.17 -65.45 | 77.28 2.08 -54.38 | 71.62 2.03 -48.43 | 66.76 2.05 -42.92 | 54.62 2.05 -30.50 | 56.94 2.00 -33.43 | 56.28 1.49 -35.93 |
| WATERSIDE___6 8 9 23538 | 37.09 1.34 -23.05 | 34.85 1.36 -20.93 | 36.11 1.28 -22.78 | 34.86 1.29 -21.24 | 34.37 1.32 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.84 2.74 -27.20 | 51.73 2.40 -31.69 | 51.30 2.41 -31.42 | 51.91 2.43 -31.62 | 51.68 2.44 -31.47 | 51.39 2.44 -31.16 | 51.25 2.51 -30.56 | 51.12 2.51 -30.46 | 50.50 2.53 -29.93 | 58.98 2.40 -38.82 | 69.68 2.70 -45.51 | 64.00 2.64 -40.54 | 59.64 2.73 -35.75 | 54.87 2.83 -30.25 | 46.64 2.98 -21.60 | 45.10 2.54 -21.05 | 43.36 1.89 -22.62 |
| WDELAWARE___HYD 323627 | 33.96 1.07 -20.20 | 31.99 1.08 -18.34 | 33.04 1.02 -19.97 | 32.00 1.06 -18.61 | 31.61 1.08 -17.83 | 33.85 1.26 -17.65 | 45.64 1.86 -22.43 | 47.80 2.06 -23.84 | 48.34 1.78 -28.92 | 46.52 1.78 -27.26 | 44.52 1.79 -24.87 | 43.57 1.79 -23.99 | 42.23 1.78 -22.66 | 41.37 1.84 -21.35 | 40.81 1.83 -20.81 | 42.04 1.86 -22.14 | 54.71 1.79 -35.15 | 64.89 2.17 -41.26 | 60.49 2.12 -37.55 | 56.35 2.18 -33.01 | 51.53 2.20 -27.54 | 44.02 2.27 -19.69 | 41.89 1.94 -18.44 | 40.16 1.49 -19.82 |
| WEST BABYLON___IC 23714 | 37.12 1.38 -23.05 | 34.96 1.47 -20.93 | 36.22 1.40 -22.78 | 34.91 1.36 -21.23 | 34.34 1.30 -20.34 | 36.97 1.88 -20.14 | 50.46 3.22 -25.88 | 52.90 3.44 -27.56 | 52.93 2.98 -32.30 | 50.34 2.92 -29.95 | 48.92 2.95 -28.10 | 47.56 2.97 -26.81 | 46.77 2.99 -25.99 | 45.45 3.07 -24.20 | 45.13 3.10 -23.87 | 47.54 3.10 -26.39 | 59.60 3.00 -38.83 | 75.52 3.52 -50.53 | 69.96 3.41 -45.73 | 60.46 3.53 -35.77 | 57.61 3.57 -32.24 | 49.77 3.75 -23.95 | 46.36 3.25 -21.59 | 44.91 2.58 -23.47 |
| WEST CANADA___HYD 24049 | 11.41 0.14 1.43 | 11.41 0.14 1.29 | 10.77 0.13 1.41 | 11.15 0.14 1.31 | 11.60 0.15 1.26 | 13.88 0.18 1.25 | 20.01 0.26 1.60 | 20.48 0.26 1.68 | 26.31 0.23 -8.44 | 27.32 0.23 -9.62 | 25.07 0.23 -6.97 | 25.66 0.23 -7.65 | 25.56 0.23 -7.53 | 23.38 0.24 -4.97 | 23.57 0.24 -5.18 | 24.09 0.23 -5.81 | 25.90 0.23 -7.90 | 31.50 0.28 -9.76 | 36.92 0.27 -15.83 | 34.53 0.27 -13.10 | 29.62 0.28 -7.55 | 28.01 0.31 -5.64 | 20.55 0.28 1.25 | 17.72 0.21 1.34 |
| WESTERN_NY_WIND 24143 | 16.00 0.61 -2.70 | 15.46 0.44 -2.45 | 15.09 0.37 -2.67 | 15.16 0.34 -2.49 | 15.65 0.56 -2.38 | 18.29 0.99 -2.36 | 25.59 1.24 -3.00 | 25.73 0.64 -3.19 | 29.04 0.21 -11.19 | 29.31 0.12 -11.71 | 27.42 0.13 -9.42 | 27.57 0.05 -9.74 | 27.28 0.07 -9.41 | 25.69 0.13 -7.38 | 25.69 0.11 -7.43 | 26.12 0.02 -8.05 | 29.46 -0.04 -11.73 | 35.62 0.04 -14.11 | 38.53 -0.04 -17.75 | 36.08 -0.11 -15.03 | 31.64 -0.31 -10.15 | 29.07 -0.42 -7.43 | 23.73 -0.13 -2.34 | 21.84 0.47 -2.52 |
| WESTOVER___LESR 323668 | 19.53 0.53 -6.31 | 18.77 0.48 -5.73 | 18.72 0.45 -6.23 | 18.59 0.46 -5.81 | 18.80 0.53 -5.57 | 21.14 0.69 -5.51 | 29.34 0.98 -7.00 | 30.22 0.88 -7.44 | 33.25 0.60 -15.01 | 33.14 0.58 -15.09 | 31.18 0.57 -12.74 | 31.15 0.55 -12.82 | 30.61 0.53 -12.28 | 29.08 0.54 -10.36 | 28.97 0.53 -10.29 | 29.61 0.54 -11.02 | 34.98 0.46 -16.75 | 42.05 0.64 -19.94 | 43.60 0.62 -22.16 | 40.80 0.63 -19.01 | 36.31 0.61 -13.91 | 32.74 0.60 -10.08 | 27.69 0.50 -5.68 | 25.52 0.57 -6.10 |
| WETHRSFD_WT_PWR 323626 | 16.88 0.60 -3.59 | 16.28 0.45 -3.26 | 16.00 0.40 -3.55 | 16.01 0.37 -3.31 | 16.39 0.51 -3.17 | 18.99 0.91 -3.14 | 26.56 1.22 -3.99 | 26.89 0.75 -4.24 | 30.11 0.33 -12.13 | 30.28 0.26 -12.54 | 28.36 0.25 -10.24 | 28.46 0.18 -10.50 | 28.09 0.18 -10.12 | 26.46 0.16 -8.11 | 26.43 0.14 -8.13 | 26.96 0.14 -8.78 | 30.73 0.07 -12.89 | 37.08 0.15 -15.46 | 39.65 0.06 -18.77 | 37.15 0.04 -15.95 | 32.64 -0.18 -11.02 | 29.88 -0.22 -8.04 | 24.59 -0.04 -3.12 | 22.65 0.45 -3.35 |
| WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015 | 36.11 1.15 -22.26 | 33.95 1.17 -20.22 | 35.16 1.11 -22.00 | 33.97 1.13 -20.51 | 33.51 1.16 -19.65 | 35.76 1.36 -19.45 | 48.10 2.03 -24.72 | 50.46 2.28 -26.28 | 50.57 2.01 -30.92 | 48.48 2.01 -29.00 | 46.51 2.02 -26.62 | 45.40 2.03 -25.60 | 43.97 2.03 -24.15 | 43.23 2.11 -22.94 | 42.60 2.11 -22.34 | 43.91 2.13 -23.74 | 57.58 2.01 -37.81 | 68.15 2.34 -44.34 | 62.83 2.29 -39.72 | 58.52 2.37 -35.00 | 53.71 2.42 -29.51 | 45.65 2.51 -21.07 | 43.97 2.13 -20.32 | 42.30 1.60 -21.85 |
| YORK___WARBASSE 23770 | 37.14 1.40 -23.05 | 34.89 1.39 -20.94 | 36.15 1.31 -22.79 | 34.88 1.32 -21.24 | 34.40 1.35 -20.35 | 36.64 1.55 -20.14 | 49.25 2.31 -25.59 | 51.89 2.78 -27.20 | 51.77 2.44 -31.69 | 51.77 2.45 -31.85 | 53.01 2.47 -32.68 | 53.01 2.47 -32.76 | 53.01 2.47 -32.74 | 53.01 2.55 -32.28 | 53.01 2.54 -32.31 | 51.90 2.56 -31.30 | 59.02 2.43 -38.82 | 69.74 2.77 -45.51 | 64.08 2.73 -40.54 | 59.72 2.81 -35.75 | 54.96 2.92 -30.25 | 46.73 3.07 -21.60 | 45.19 2.62 -21.05 | 43.42 1.94 -22.63 |