

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/28/2002

| Name | 00:00 | 01:00 | 02:00 | 03:00 | 04:00 | 05:00 | 06:00 | 07:00 | 08:00 | 09:00 | 10:00 | 11:00 | 12:00 | 13:00 | 14:00 | 15:00 | 16:00 | 17:00 | 18:00 | 19:00 | 20:00 | 21:00 | 22:00 | 23:00 |
|----------------------|-------|-------|-------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|-------|
| PTID | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT | EDT |
| 59TH STREET_GT_1 | 12.55 | 15.66 | 14.20 | 27.10 | 37.17 | 33.58 | 25.84 | 15.28 | 26.95 | 43.90 | 45.57 | 41.86 | 40.69 | 62.17 | 47.55 | 28.93 | 36.23 | 36.70 | 36.98 | 37.86 | 37.79 | 38.23 | 22.63 | 46.40 |
| 24138 | 0.58 | 0.80 | 0.53 | 0.29 | 0.09 | 0.20 | 0.41 | 0.82 | 1.45 | 1.56 | 1.26 | 2.61 | 2.69 | -0.11 | 0.62 | 1.95 | 1.28 | 1.57 | 1.68 | 1.07 | 1.30 | 0.86 | 1.51 | 2.81 |
| | -3.17 | -2.17 | -4.73 | -21.77 | -35.33 | -29.62 | -18.63 | -2.83 | -7.40 | -24.09 | -30.52 | -10.81 | -8.84 | -63.44 | -39.13 | -1.70 | -19.63 | -16.24 | -16.04 | -25.10 | -23.30 | -27.76 | -2.27 | -2.90 |
| 74TH STREET_GT_1 | 12.55 | 15.66 | 14.20 | 27.10 | 37.17 | 33.58 | 25.84 | 15.28 | 26.95 | 43.90 | 45.57 | 41.86 | 40.69 | 62.17 | 47.55 | 28.93 | 36.23 | 36.70 | 36.98 | 37.86 | 37.79 | 38.23 | 22.63 | 46.40 |
| 24260 | 0.58 | 0.80 | 0.53 | 0.29 | 0.09 | 0.20 | 0.41 | 0.82 | 1.45 | 1.56 | 1.26 | 2.61 | 2.69 | -0.11 | 0.62 | 1.95 | 1.28 | 1.57 | 1.68 | 1.07 | 1.30 | 0.86 | 1.51 | 2.81 |
| | -3.17 | -2.17 | -4.73 | -21.77 | -35.33 | -29.62 | -18.63 | -2.83 | -7.40 | -24.09 | -30.52 | -10.81 | -8.84 | -63.44 | -39.13 | -1.70 | -19.63 | -16.24 | -16.04 | -25.10 | -23.30 | -27.76 | -2.27 | -2.90 |
| 74TH STREET_GT_2 | 12.55 | 15.66 | 14.20 | 27.10 | 37.17 | 33.58 | 25.84 | 15.28 | 26.95 | 43.90 | 45.57 | 41.86 | 40.69 | 62.17 | 47.55 | 28.93 | 36.23 | 36.70 | 36.98 | 37.86 | 37.79 | 38.23 | 22.63 | 46.40 |
| 24261 | 0.58 | 0.80 | 0.53 | 0.29 | 0.09 | 0.20 | 0.41 | 0.82 | 1.45 | 1.56 | 1.26 | 2.61 | 2.69 | -0.11 | 0.62 | 1.95 | 1.28 | 1.57 | 1.68 | 1.07 | 1.30 | 0.86 | 1.51 | 2.81 |
| | -3.17 | -2.17 | -4.73 | -21.77 | -35.33 | -29.62 | -18.63 | -2.83 | -7.40 | -24.09 | -30.52 | -10.81 | -8.84 | -63.44 | -39.13 | -1.70 | -19.63 | -16.24 | -16.04 | -25.10 | -23.30 | -27.76 | -2.27 | -2.90 |
| ADK HUDSON___FALLS | 14.01 | 16.56 | 16.34 | 37.09 | 53.44 | 47.23 | 34.31 | 16.20 | 29.78 | 54.60 | 59.18 | 46.22 | 44.56 | 91.37 | 65.60 | 29.52 | 44.89 | 43.83 | 43.84 | 48.98 | 47.80 | 50.66 | 23.25 | 48.21 |
| 24011 | 0.58 | 0.70 | 0.49 | 0.28 | 0.12 | 0.24 | 0.32 | 0.44 | 0.88 | 1.18 | 0.82 | 2.01 | 2.50 | -0.10 | 0.69 | 1.76 | 0.93 | 1.24 | 1.17 | 0.62 | 0.52 | 0.43 | 1.09 | 3.29 |
| | -4.63 | -3.17 | -6.91 | -31.77 | -51.58 | -43.23 | -27.19 | -4.14 | -10.80 | -35.18 | -44.56 | -15.77 | -12.90 | -92.62 | -57.11 | -2.49 | -28.65 | -23.70 | -23.41 | -36.68 | -34.09 | -40.63 | -3.32 | -4.23 |
| ADK RESOURCE___RCVRY | 14.01 | 16.56 | 16.34 | 37.09 | 53.44 | 47.23 | 34.31 | 16.20 | 29.78 | 54.60 | 59.18 | 46.22 | 44.56 | 91.37 | 65.60 | 29.52 | 44.89 | 43.83 | 43.84 | 48.98 | 47.80 | 50.66 | 23.25 | 48.21 |
| 23798 | 0.58 | 0.70 | 0.49 | 0.28 | 0.12 | 0.24 | 0.32 | 0.44 | 0.88 | 1.18 | 0.82 | 2.01 | 2.50 | -0.10 | 0.69 | 1.76 | 0.93 | 1.24 | 1.17 | 0.62 | 0.52 | 0.43 | 1.09 | 3.29 |
| | -4.63 | -3.17 | -6.91 | -31.77 | -51.58 | -43.23 | -27.19 | -4.14 | -10.80 | -35.18 | -44.56 | -15.77 | -12.90 | -92.62 | -57.11 | -2.49 | -28.65 | -23.70 | -23.41 | -36.68 | -34.09 | -40.63 | -3.32 | -4.23 |
| ADK S GLENS___FALLS | 14.01 | 16.56 | 16.34 | 37.09 | 53.44 | 47.23 | 34.31 | 16.20 | 29.78 | 54.60 | 59.18 | 46.22 | 44.56 | 91.37 | 65.60 | 29.52 | 44.89 | 43.83 | 43.84 | 48.98 | 47.80 | 50.66 | 23.25 | 48.21 |
| 24028 | 0.58 | 0.70 | 0.49 | 0.28 | 0.12 | 0.24 | 0.32 | 0.44 | 0.88 | 1.18 | 0.82 | 2.01 | 2.50 | -0.10 | 0.69 | 1.76 | 0.93 | 1.24 | 1.17 | 0.62 | 0.52 | 0.43 | 1.09 | 3.29 |
| | -4.63 | -3.17 | -6.91 | -31.77 | -51.58 | -43.23 | -27.19 | -4.14 | -10.80 | -35.18 | -44.56 | -15.77 | -12.90 | -92.62 | -57.11 | -2.49 | -28.65 | -23.70 | -23.41 | -36.68 | -34.09 | -40.63 | -3.32 | -4.23 |
| ADK NYS___DAM | 13.87 | 16.56 | 16.29 | 36.20 | 51.85 | 45.94 | 33.59 | 16.20 | 29.56 | 53.55 | 57.74 | 45.55 | 43.67 | 88.46 | 63.71 | 29.34 | 44.00 | 43.01 | 42.99 | 47.72 | 46.57 | 49.30 | 23.13 | 47.73 |
| 23527 | 0.58 | 0.80 | 0.66 | 0.38 | 0.15 | 0.30 | 0.46 | 0.58 | 1.00 | 1.24 | 0.79 | 1.83 | 2.01 | -0.08 | 0.58 | 1.66 | 0.93 | 1.17 | 1.05 | 0.54 | 0.43 | 0.42 | 1.07 | 2.94 |
| | -4.49 | -3.07 | -6.69 | -30.78 | -49.96 | -41.88 | -26.34 | -4.01 | -10.46 | -34.07 | -43.16 | -15.28 | -12.49 | -89.70 | -55.32 | -2.41 | -27.76 | -22.96 | -22.68 | -35.49 | -32.95 | -39.27 | -3.20 | -4.09 |
| AIR_PRODUCTS___DRP | 13.87 | 16.61 | 16.23 | 35.87 | 51.27 | 45.47 | 33.29 | 16.26 | 29.60 | 53.28 | 57.37 | 45.72 | 43.79 | 87.41 | 63.12 | 29.50 | 43.80 | 42.89 | 42.90 | 47.35 | 46.23 | 48.73 | 23.08 | 47.69 |
| 24190 | 0.62 | 0.88 | 0.66 | 0.38 | 0.13 | 0.27 | 0.44 | 0.67 | 1.15 | 1.35 | 0.93 | 2.16 | 2.26 | -0.09 | 0.58 | 1.84 | 1.02 | 1.29 | 1.20 | 0.66 | 0.65 | 0.53 | 1.07 | 2.94 |
| | -4.44 | -3.04 | -6.62 | -30.45 | -49.39 | -41.44 | -26.06 | -3.96 | -10.35 | -33.68 | -42.65 | -15.12 | -12.36 | -88.65 | -54.74 | -2.39 | -27.46 | -22.72 | -22.44 | -35.00 | -32.39 | -38.59 | -3.15 | -4.05 |
| ALBANY___1 | 13.88 | 16.62 | 16.23 | 35.87 | 51.27 | 45.47 | 33.29 | 16.26 | 29.61 | 53.29 | 57.39 | 45.74 | 43.82 | 87.41 | 63.13 | 29.52 | 43.80 | 42.90 | 42.92 | 47.36 | 46.23 | 48.73 | 23.19 | 47.72 |
| 23571 | 0.63 | 0.89 | 0.67 | 0.38 | 0.13 | 0.28 | 0.44 | 0.68 | 1.16 | 1.37 | 0.94 | 2.19 | 2.29 | -0.09 | 0.59 | 1.86 | 1.02 | 1.30 | 1.22 | 0.66 | 0.65 | 0.53 | 1.18 | 2.97 |
| | -4.44 | -3.04 | -6.62 | -30.45 | -49.39 | -41.44 | -26.06 | -3.96 | -10.35 | -33.68 | -42.65 | -15.12 | -12.36 | -88.65 | -54.74 | -2.39 | -27.46 | -22.72 | -22.44 | -35.00 | -32.39 | -38.59 | -3.15 | -4.05 |
| ALBANY___2 | 13.88 | 16.62 | 16.23 | 35.87 | 51.27 | 45.47 | 33.29 | 16.26 | 29.61 | 53.29 | 57.39 | 45.74 | 43.82 | 87.41 | 63.13 | 29.52 | 43.80 | 42.90 | 42.92 | 47.36 | 46.23 | 48.73 | 23.19 | 47.72 |
| 23572 | 0.63 | 0.89 | 0.67 | 0.38 | 0.13 | 0.28 | 0.44 | 0.68 | 1.16 | 1.37 | 0.94 | 2.19 | 2.29 | -0.09 | 0.59 | 1.86 | 1.02 | 1.30 | 1.22 | 0.66 | 0.65 | 0.53 | 1.18 | 2.97 |
| | -4.44 | -3.04 | -6.62 | -30.45 | -49.39 | -41.44 | -26.06 | -3.96 | -10.35 | -33.68 | -42.65 | -15.12 | -12.36 | -88.65 | -54.74 | -2.39 | -27.46 | -22.72 | -22.44 | -35.00 | -32.39 | -38.59 | -3.15 | -4.05 |
| ALBANY___3 | 13.88 | 16.62 | 16.23 | 35.87 | 51.27 | 45.47 | 33.29 | 16.26 | 29.61 | 53.29 | 57.39 | 45.74 | 43.82 | 87.41 | 63.13 | 29.52 | 43.80 | 42.90 | 42.92 | 47.36 | 46.23 | 48.73 | 23.19 | 47.72 |
| 23573 | 0.63 | 0.89 | 0.67 | 0.38 | 0.13 | 0.28 | 0.44 | 0.68 | 1.16 | 1.37 | 0.94 | 2.19 | 2.29 | -0.09 | 0.59 | 1.86 | 1.02 | 1.30 | 1.22 | 0.66 | 0.65 | 0.53 | 1.18 | 2.97 |
| | -4.44 | -3.04 | -6.62 | -30.45 | -49.39 | -41.44 | -26.06 | -3.96 | -10.35 | -33.68 | -42.65 | -15.12 | -12.36 | -88.65 | -54.74 | -2.39 | -27.46 | -22.72 | -22.44 | -35.00 | -32.39 | -38.59 | -3.15 | -4.05 |
| ALBANY___4 | 13.88 | 16.62 | 16.23 | 35.87 | 51.27 | 45.47 | 33.29 | 16.26 | 29.61 | 53.29 | 57.39 | 45.74 | 43.82 | 87.41 | 63.13 | 29.52 | 43.80 | 42.90 | 42.92 | 47.36 | 46.23 | 48.73 | 23.19 | 47.72 |
| 23574 | 0.63 | 0.89 | 0.67 | 0.38 | 0.13 | 0.28 | 0.44 | 0.68 | 1.16 | 1.37 | 0.94 | 2.19 | 2.29 | -0.09 | 0.59 | 1.86 | 1.02 | 1.30 | 1.22 | 0.66 | 0.65 | 0.53 | 1.18 | 2.97 |
| | -4.44 | -3.04 | -6.62 | -30.45 | -49.39 | -41.44 | -26.06 | -3.96 | -10.35 | -33.68 | -42.65 | -15.12 | -12.36 | -88.65 | -54.74 | -2.39 | -27.46 | -22.72 | -22.44 | -35.00 | -32.39 | -38.59 | -3.15 | -4.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALCOA_RYNLDS___DRP 24188 | 8.68 -0.03 0.09 | 12.60 -0.03 0.06 | 8.80 -0.02 0.13 | 4.42 -0.01 0.61 | 0.76 0.00 0.98 | 2.92 -0.01 0.83 | 6.24 -0.03 0.52 | 11.47 -0.07 0.08 | 17.82 -0.07 0.21 | 17.51 -0.07 0.67 | 12.87 -0.08 0.84 | 28.04 -0.09 0.30 | 28.82 -0.09 0.25 | -2.89 0.01 1.75 | 6.67 -0.03 1.10 | 25.19 -0.03 0.05 | 14.69 -0.07 0.55 | 18.33 -0.10 0.45 | 18.62 -0.18 0.45 | 10.82 -0.21 0.66 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.60 -0.20 0.06 | 40.39 -0.23 0.08 |
| ALLEGHENY___COGEN 23514 | 9.29 -0.03 -0.52 | 13.00 -0.04 -0.35 | 9.70 -0.02 -0.77 | 8.58 -0.01 -3.56 | 7.53 -0.01 -5.80 | 8.58 -0.02 -4.84 | 9.80 -0.04 -3.04 | 11.99 -0.09 -0.46 | 19.11 -0.20 -1.21 | 21.97 -0.24 -3.96 | 18.60 -0.22 -5.02 | 29.77 -0.43 -1.76 | 30.17 -0.44 -1.44 | 9.31 0.03 -10.44 | 14.14 -0.05 -6.39 | 25.41 -0.14 -0.28 | 18.46 -0.07 -3.21 | 21.47 -0.07 -2.65 | 21.71 -0.17 -2.62 | 15.72 -0.15 -4.19 | 16.92 -0.25 -3.98 | 14.17 -0.17 -4.74 | 19.03 -0.21 -0.39 | 40.71 -0.47 -0.47 |
| AMERICAN_REF_FUEL 24010 | 8.91 -0.37 -0.47 | 12.45 -0.56 -0.32 | 9.23 -0.42 -0.70 | 8.02 -0.23 -3.21 | 6.88 -0.08 -5.21 | 7.97 -0.15 -4.37 | 9.30 -0.24 -2.75 | 11.64 -0.40 -0.42 | 18.30 -0.89 -1.09 | 20.64 -1.16 -3.55 | 17.58 -0.72 -4.50 | 28.19 -1.85 -1.59 | 28.39 -2.08 -1.30 | 8.28 0.08 -9.35 | 13.16 -0.41 -5.77 | 24.29 -1.23 -0.25 | 17.62 -0.60 -2.90 | 20.56 -0.73 -2.40 | 20.91 -0.72 -2.37 | 15.08 -0.30 -3.69 | 16.45 -0.15 -3.41 | 13.51 -0.16 -4.06 | 18.71 -0.48 -0.33 | 39.49 -1.64 -0.43 |
| AMERICAN___BRASS 23903 | 8.91 -0.37 -0.47 | 12.46 -0.56 -0.32 | 9.23 -0.42 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.64 -0.40 -0.42 | 18.31 -0.89 -1.10 | 20.67 -1.16 -3.58 | 17.61 -0.72 -4.53 | 28.20 -1.85 -1.61 | 28.40 -2.08 -1.32 | 8.35 0.08 -9.42 | 13.21 -0.41 -5.83 | 24.30 -1.23 -0.25 | 17.65 -0.60 -2.92 | 20.58 -0.73 -2.42 | 20.93 -0.72 -2.39 | 15.10 -0.30 -3.71 | 16.45 -0.15 -3.41 | 13.51 -0.16 -4.06 | 18.71 -0.48 -0.33 | 39.49 -1.64 -0.43 |
| ARTHUR_KILL_GT_1 23520 | 12.53 0.55 -3.17 | 15.62 0.76 -2.17 | 14.18 0.50 -4.73 | 27.08 0.27 -21.77 | 37.16 0.09 -35.33 | 33.57 0.19 -29.62 | 25.81 0.39 -18.63 | 15.24 0.78 -2.83 | 26.88 1.38 -7.40 | 43.82 1.48 -24.09 | 45.48 1.16 -30.52 | 41.67 2.42 -10.81 | 40.56 2.56 -8.84 | 62.18 -0.10 -63.44 | 47.50 0.57 -39.13 | 28.75 1.78 -1.70 | 36.13 1.18 -19.63 | 36.57 1.44 -16.24 | 36.86 1.55 -16.04 | 37.75 0.97 -25.10 | 37.65 1.16 -23.30 | 38.12 0.75 -27.76 | 22.44 1.32 -2.27 | 46.14 2.55 -2.90 |
| ARTHUR_KILL_2 23512 | 12.53 0.55 -3.17 | 15.62 0.76 -2.17 | 14.18 0.50 -4.73 | 27.08 0.27 -21.77 | 37.16 0.09 -35.33 | 33.57 0.19 -29.62 | 25.81 0.39 -18.63 | 15.24 0.78 -2.83 | 26.88 1.38 -7.40 | 43.82 1.48 -24.09 | 45.48 1.16 -30.52 | 41.67 2.42 -10.81 | 40.56 2.56 -8.84 | 62.18 -0.10 -63.44 | 47.50 0.57 -39.13 | 28.75 1.78 -1.70 | 36.13 1.18 -19.63 | 36.57 1.44 -16.24 | 36.86 1.55 -16.04 | 37.75 0.97 -25.10 | 37.65 1.16 -23.30 | 38.12 0.75 -27.76 | 22.44 1.32 -2.27 | 46.14 2.55 -2.90 |
| ARTHUR_KILL_3 23513 | 12.51 0.53 -3.17 | 15.60 0.74 -2.17 | 14.16 0.48 -4.73 | 27.07 0.26 -21.77 | 37.16 0.08 -35.33 | 33.56 0.18 -29.62 | 25.80 0.37 -18.63 | 15.21 0.76 -2.83 | 26.84 1.34 -7.40 | 43.79 1.44 -24.09 | 45.47 1.16 -30.52 | 41.66 2.42 -10.81 | 40.50 2.50 -8.84 | 62.18 -0.10 -63.44 | 47.48 0.56 -39.13 | 28.73 1.76 -1.70 | 36.13 1.18 -19.63 | 36.57 1.44 -16.24 | 36.85 1.55 -16.04 | 37.75 0.96 -25.10 | 37.65 1.16 -23.30 | 38.12 0.75 -27.76 | 22.44 1.32 -2.27 | 46.13 2.53 -2.90 |
| ASHOKAN____ 23654 | 12.93 0.57 -3.56 | 15.93 0.80 -2.44 | 14.82 0.56 -5.31 | 29.79 0.32 -24.43 | 41.50 0.11 -39.65 | 37.23 0.24 -33.24 | 28.10 0.40 -20.90 | 15.51 0.71 -3.18 | 27.57 1.17 -8.30 | 46.55 1.27 -27.04 | 49.04 1.01 -34.25 | 42.64 2.08 -12.13 | 41.19 2.11 -9.92 | 69.94 -0.09 -71.18 | 52.25 0.55 -43.91 | 28.87 1.68 -1.91 | 38.42 1.07 -22.03 | 38.44 1.33 -18.22 | 38.66 1.40 -18.00 | 40.73 0.88 -28.16 | 40.37 1.04 -26.14 | 41.43 0.68 -31.14 | 22.55 1.15 -2.54 | 46.67 2.72 -3.25 |
| ASTORIA 5-9____ 23662 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA GT2____ 23536 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA GT3____ 23731 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA GT4____ 23727 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT2_1 24094 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT2_2 24095 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT2_3 24096 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT2_4 24097 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |

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|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ASTORIA_GT3_1 24098 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT3_2 24099 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT3_3 24100 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT3_4 24101 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT4_1 24102 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT4_2 24103 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT4_3 24104 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT4_4 24105 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT_1 23523 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA_GT_10 24110 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA_GT_11 24225 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA_GT_12 24226 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA_GT_13 24227 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA_GT_5 24106 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT_7 24107 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |
| ASTORIA_GT_8 24108 | 12.67 0.69 -3.17 | 15.84 0.98 -2.17 | 14.35 0.67 -4.73 | 27.18 0.37 -21.77 | 37.19 0.12 -35.33 | 33.63 0.25 -29.62 | 25.93 0.51 -18.63 | 15.45 1.00 -2.83 | 27.25 1.75 -7.40 | 44.21 1.87 -24.09 | 45.81 1.50 -30.52 | 42.37 3.12 -10.81 | 41.18 3.18 -8.84 | 62.16 -0.13 -63.44 | 47.66 0.73 -39.13 | 29.22 2.24 -1.70 | 36.45 1.49 -19.63 | 36.97 1.84 -16.24 | 37.27 1.96 -16.04 | 37.99 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.85 3.25 -2.90 |

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|-------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| ASTORIA_GT_9 24109 | 10.13 0.69 -0.63 | 14.10 0.98 -0.43 | 10.56 0.67 -0.94 | 9.75 0.37 -4.35 | 8.90 0.12 -7.04 | 9.93 0.25 -5.91 | 11.02 0.51 -3.72 | 13.19 1.00 -0.57 | 21.33 1.75 -1.48 | 24.92 1.87 -4.80 | 21.36 1.50 -6.07 | 33.72 3.12 -2.16 | 34.11 3.18 -1.76 | 11.34 -0.13 -12.62 | 16.34 0.73 -7.81 | 27.85 2.24 -0.34 | 20.73 1.49 -3.92 | 23.97 1.84 -3.24 | 24.43 1.96 -3.20 | 17.84 1.20 -4.96 | 19.04 1.31 -4.54 | 15.88 0.86 -5.41 | 21.01 1.71 -0.44 | 44.53 3.25 -0.58 |
| ASTORIA___2 24149 | 12.69 0.71 -3.17 | 15.86 1.00 -2.17 | 14.37 0.69 -4.73 | 27.19 0.38 -21.77 | 37.20 0.12 -35.33 | 33.64 0.26 -29.62 | 25.95 0.52 -18.63 | 15.48 1.02 -2.83 | 27.29 1.79 -7.40 | 44.25 1.91 -24.09 | 45.84 1.53 -30.52 | 42.44 3.19 -10.81 | 41.25 3.25 -8.84 | 62.15 -0.13 -63.44 | 47.68 0.75 -39.13 | 29.27 2.29 -1.70 | 36.48 1.53 -19.63 | 37.01 1.88 -16.24 | 37.31 2.01 -16.04 | 38.00 1.21 -25.10 | 37.80 1.32 -23.30 | 38.29 0.92 -27.76 | 22.85 1.73 -2.27 | 46.91 3.32 -2.90 |
| ASTORIA___3 23516 | 12.66 0.68 -3.17 | 15.83 0.97 -2.17 | 14.34 0.66 -4.73 | 27.17 0.36 -21.77 | 37.19 0.11 -35.33 | 33.63 0.25 -29.62 | 25.92 0.50 -18.63 | 15.44 0.99 -2.83 | 27.23 1.73 -7.40 | 44.18 1.84 -24.09 | 45.78 1.46 -30.52 | 42.29 3.05 -10.81 | 41.10 3.10 -8.84 | 62.16 -0.12 -63.44 | 47.63 0.70 -39.13 | 29.13 2.15 -1.70 | 36.40 1.45 -19.63 | 36.92 1.79 -16.24 | 37.21 1.91 -16.04 | 37.96 1.18 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.69 1.57 -2.27 | 46.75 3.16 -2.90 |
| ASTORIA___4 23517 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.59 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.45 -18.63 | 15.35 0.90 -2.83 | 27.08 1.58 -7.40 | 44.04 1.70 -24.09 | 45.67 1.36 -30.52 | 42.08 2.83 -10.81 | 40.91 2.91 -8.84 | 62.16 -0.12 -63.44 | 47.60 0.67 -39.13 | 29.06 2.08 -1.70 | 36.32 1.37 -19.63 | 36.80 1.67 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| ASTORIA___5 23518 | 12.62 0.64 -3.17 | 15.79 0.93 -2.17 | 14.32 0.65 -4.73 | 27.16 0.35 -21.77 | 37.19 0.11 -35.33 | 33.62 0.24 -29.62 | 25.91 0.49 -18.63 | 15.42 0.97 -2.83 | 27.19 1.69 -7.40 | 44.15 1.81 -24.09 | 45.74 1.43 -30.52 | 42.22 2.98 -10.81 | 41.00 3.00 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.07 2.09 -1.70 | 36.35 1.40 -19.63 | 36.86 1.73 -16.24 | 37.15 1.85 -16.04 | 37.89 1.10 -25.10 | 37.69 1.20 -23.30 | 38.22 0.86 -27.76 | 22.64 1.52 -2.27 | 46.56 2.97 -2.90 |
| ASTRIA 10-13____ 23663 | 12.61 0.63 -3.17 | 15.74 0.88 -2.17 | 14.27 0.60 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.46 -18.63 | 15.36 0.90 -2.83 | 27.09 1.59 -7.40 | 44.05 1.71 -24.09 | 45.68 1.36 -30.52 | 42.09 2.84 -10.81 | 40.93 2.92 -8.84 | 62.16 -0.12 -63.44 | 47.61 0.68 -39.13 | 29.06 2.09 -1.70 | 36.33 1.37 -19.63 | 36.81 1.68 -16.24 | 37.09 1.79 -16.04 | 37.88 1.10 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.59 3.00 -2.90 |
| BARRETT 1-8____GRP4 24034 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT 9-12____GRP3 24033 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_1 23704 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_10 23701 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_11 23702 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_12 23703 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_2 23705 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_3 23706 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_4 23707 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_5 23708 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_6 23709 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_7 23710 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_8 23711 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT_IC_9 23700 | 12.50 0.52 -3.17 | 15.60 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.27 0.77 -20.88 | 35.06 1.33 -15.63 | 45.12 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.19 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.39 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.78 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.07 0.70 -27.76 | 22.42 1.30 -2.27 | 46.17 2.57 -2.89 |
| BARRETT___1 23545 | 12.48 0.51 -3.17 | 15.57 0.71 -2.17 | 14.14 0.47 -4.73 | 27.06 0.26 -21.76 | 37.15 0.08 -35.32 | 33.54 0.17 -29.61 | 25.79 0.37 -18.62 | 33.24 0.74 -20.88 | 35.02 1.29 -15.63 | 45.04 1.25 -25.54 | 45.18 0.88 -30.51 | 41.00 1.75 -10.80 | 39.78 1.78 -8.84 | 62.19 -0.08 -63.42 | 47.30 0.38 -39.12 | 28.19 1.21 -1.70 | 35.85 0.91 -19.63 | 36.40 1.27 -16.23 | 36.69 1.39 -16.04 | 37.67 0.88 -25.10 | 37.50 1.01 -23.30 | 38.05 0.68 -27.76 | 22.25 1.13 -2.27 | 45.96 2.37 -2.89 |
| BARRETT___2 23546 | 12.50 0.52 -3.17 | 15.59 0.74 -2.17 | 14.16 0.49 -4.73 | 27.07 0.27 -21.76 | 37.15 0.08 -35.32 | 33.55 0.18 -29.61 | 25.80 0.38 -18.62 | 33.26 0.77 -20.88 | 35.06 1.33 -15.63 | 45.11 1.33 -25.54 | 45.27 0.97 -30.51 | 41.23 1.98 -10.80 | 40.02 2.02 -8.84 | 62.18 -0.08 -63.42 | 47.36 0.44 -39.12 | 28.37 1.40 -1.70 | 35.93 0.99 -19.63 | 36.47 1.35 -16.23 | 36.77 1.48 -16.04 | 37.69 0.91 -25.10 | 37.53 1.04 -23.30 | 38.06 0.69 -27.76 | 22.40 1.28 -2.27 | 46.16 2.57 -2.89 |
| BEAVER RIVER___HYD 24048 | 8.76 -0.03 0.02 | 12.61 -0.06 0.01 | 8.90 -0.02 0.03 | 4.90 -0.01 0.13 | 1.56 0.00 0.19 | 3.58 0.00 0.17 | 6.66 -0.03 0.11 | 11.54 -0.06 0.02 | 18.03 -0.03 0.04 | 18.14 0.02 0.12 | 13.49 -0.15 0.15 | 28.30 -0.07 0.06 | 29.15 0.04 0.05 | -1.45 0.01 0.31 | 7.53 -0.04 0.23 | 25.32 0.06 0.01 | 15.11 -0.10 0.11 | 18.68 -0.12 0.09 | 18.94 -0.23 0.09 | 11.39 -0.22 0.08 | 12.81 -0.38 0.00 | 9.41 -0.19 0.00 | 18.83 -0.02 0.00 | 40.78 0.10 0.02 |
| BEEBEE_GT_13 23619 | 9.29 0.13 -0.36 | 13.07 0.13 -0.24 | 9.58 0.10 -0.53 | 7.53 0.06 -2.44 | 5.76 0.02 -3.99 | 7.13 0.05 -3.32 | 8.97 0.09 -2.09 | 12.05 0.12 -0.32 | 19.06 0.13 -0.83 | 21.16 0.18 -2.73 | 17.40 0.14 -3.47 | 30.09 0.44 -1.21 | 30.57 0.42 -0.99 | 6.05 0.00 -7.21 | 12.34 0.16 -4.38 | 26.15 0.69 -0.19 | 17.90 0.39 -2.20 | 21.26 0.55 -1.82 | 21.44 0.39 -1.80 | 14.85 0.23 -2.93 | 16.30 0.26 -2.84 | 13.19 0.19 -3.38 | 19.67 0.54 -0.28 | 41.86 0.84 -0.32 |
| BETHLEHEM___STEEL 23779 | 9.00 -0.31 -0.50 | 12.57 -0.47 -0.34 | 9.34 -0.35 -0.75 | 8.30 -0.20 -3.45 | 7.33 -0.06 -5.64 | 8.33 -0.13 -4.70 | 9.56 -0.19 -2.95 | 11.77 -0.30 -0.45 | 18.59 -0.69 -1.17 | 21.17 -0.94 -3.86 | 18.12 -0.57 -4.89 | 28.65 -1.50 -1.71 | 28.94 -1.63 -1.40 | 9.08 0.06 -10.18 | 13.67 -0.33 -6.21 | 24.51 -1.04 -0.27 | 17.94 -0.49 -3.11 | 20.86 -0.61 -2.57 | 21.25 -0.55 -2.54 | 15.62 -0.20 -4.13 | 17.13 -0.04 -3.98 | 14.28 -0.06 -4.74 | 18.92 -0.32 -0.39 | 39.87 -1.28 -0.46 |
| BINGHAMTON___COGEN 23790 | 9.97 0.14 -1.02 | 13.62 0.23 -0.70 | 10.61 0.14 -1.53 | 12.16 0.09 -7.03 | 13.16 0.03 -11.39 | 13.39 0.06 -9.57 | 12.95 0.13 -6.02 | 12.82 0.28 -0.91 | 20.96 0.47 -2.39 | 26.50 0.49 -7.76 | 23.99 0.37 -9.83 | 32.60 0.68 -3.49 | 32.68 0.66 -2.85 | 19.24 -0.03 -20.43 | 20.57 0.13 -12.64 | 26.22 0.39 -0.55 | 21.91 0.25 -6.34 | 24.46 0.33 -5.24 | 24.81 0.37 -5.18 | 20.00 0.28 -8.03 | 20.86 0.29 -7.38 | 18.63 0.22 -8.80 | 19.91 0.34 -0.72 | 42.23 0.59 -0.93 |
| BLACK RIVER___HYD 24047 | 8.76 -0.10 -0.05 | 12.56 -0.17 -0.04 | 8.94 -0.09 -0.08 | 5.36 -0.05 -0.37 | 2.36 -0.02 -0.63 | 4.23 -0.04 -0.51 | 7.04 -0.08 -0.32 | 11.52 -0.15 -0.05 | 18.07 -0.16 -0.13 | 18.57 -0.12 -0.44 | 14.07 -0.28 -0.56 | 28.31 -0.32 -0.19 | 29.13 -0.19 -0.15 | 0.04 0.03 -1.16 | 8.36 -0.12 -0.68 | 25.16 -0.14 -0.03 | 15.42 -0.24 -0.34 | 18.89 -0.28 -0.28 | 19.14 -0.39 -0.28 | 11.87 -0.33 -0.52 | 13.24 -0.52 -0.57 | 10.02 -0.26 -0.67 | 18.70 -0.21 -0.06 | 40.66 -0.09 -0.05 |
| BLUE_CIRC_CHEM_DRP 24182 | 13.69 0.53 -4.36 | 16.42 0.75 -2.98 | 16.01 0.56 -6.50 | 35.28 0.32 -29.92 | 50.39 0.11 -48.54 | 44.70 0.22 -40.72 | 32.72 0.31 -25.61 | 16.00 0.49 -3.90 | 29.14 0.87 -10.17 | 52.40 1.05 -33.09 | 56.42 0.71 -41.91 | 45.02 1.73 -14.85 | 43.11 1.80 -12.15 | 85.89 -0.07 -87.11 | 62.03 0.44 -53.79 | 29.06 1.44 -2.34 | 43.08 0.77 -26.98 | 42.19 0.98 -22.32 | 42.21 0.90 -22.05 | 46.53 0.44 -34.40 | 45.39 0.38 -31.82 | 47.88 0.35 -37.92 | 22.82 0.87 -3.09 | 46.85 2.17 -3.98 |
| BOC_GAS_DRP 24189 | 13.77 0.55 -4.42 | 16.48 0.77 -3.03 | 16.12 0.59 -6.59 | 35.70 0.33 -30.33 | 51.08 0.12 -49.22 | 45.27 0.24 -41.27 | 33.13 0.38 -25.96 | 16.14 0.57 -3.95 | 29.38 0.97 -10.31 | 52.96 1.15 -33.56 | 57.07 0.77 -42.51 | 45.33 1.83 -15.06 | 43.38 1.91 -12.31 | 87.13 -0.07 -88.36 | 62.81 0.49 -54.52 | 29.22 1.57 -2.38 | 43.51 0.84 -27.35 | 42.58 1.06 -22.63 | 42.58 0.97 -22.35 | 47.15 0.53 -34.93 | 46.04 0.46 -32.39 | 48.63 0.43 -38.59 | 22.93 0.92 -3.15 | 47.24 2.51 -4.03 |
| BOWLINE___1 23526 | 12.27 0.37 -3.10 | 15.33 0.52 -2.12 | 13.89 0.33 -4.62 | 26.47 0.18 -21.25 | 36.29 0.05 -34.49 | 32.80 0.12 -28.92 | 25.24 0.26 -18.19 | 14.92 0.53 -2.77 | 26.23 0.91 -7.22 | 42.71 0.95 -23.52 | 44.36 0.78 -29.79 | 40.56 1.57 -10.55 | 39.41 1.62 -8.63 | 60.69 -0.07 -61.92 | 46.38 0.38 -38.20 | 28.16 1.22 -1.66 | 35.31 0.83 -19.16 | 35.75 1.01 -15.85 | 36.02 1.10 -15.66 | 36.95 0.77 -24.49 | 36.78 0.86 -22.73 | 37.35 0.66 -27.08 | 22.10 1.04 -2.21 | 45.36 1.83 -2.83 |
| BOWLINE___2 23595 | 12.28 0.37 -3.10 | 15.33 0.52 -2.12 | 13.89 0.33 -4.62 | 26.48 0.18 -21.26 | 36.30 0.05 -34.50 | 32.81 0.12 -28.93 | 25.25 0.26 -18.19 | 14.92 0.53 -2.77 | 26.24 0.91 -7.23 | 42.72 0.95 -23.53 | 44.37 0.78 -29.80 | 40.57 1.57 -10.55 | 39.41 1.62 -8.63 | 60.72 -0.07 -61.94 | 46.39 0.38 -38.22 | 28.16 1.22 -1.67 | 35.32 0.83 -19.17 | 35.76 1.01 -15.86 | 36.03 1.10 -15.67 | 36.96 0.77 -24.50 | 36.78 0.86 -22.73 | 37.35 0.66 -27.08 | 22.09 1.03 -2.21 | 45.36 1.83 -2.83 |
| BROOKHAVEN___DRP 24191 | 12.41 0.44 -3.17 | 15.47 0.61 -2.17 | 14.08 0.40 -4.73 | 27.04 0.24 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.73 0.31 -18.62 | 33.17 0.67 -20.88 | 34.81 1.08 -15.63 | 44.88 1.09 -25.54 | 45.18 0.87 -30.51 | 41.08 1.83 -10.80 | 39.91 1.91 -8.84 | 62.19 -0.08 -63.42 | 47.35 0.43 -39.12 | 28.29 1.31 -1.70 | 35.83 0.88 -19.63 | 36.18 1.05 -16.23 | 36.44 1.14 -16.04 | 37.53 0.75 -25.10 | 37.29 0.80 -23.30 | 37.91 0.54 -27.76 | 21.90 0.78 -2.27 | 45.53 1.94 -2.89 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BROOKLYN_NAVY_YARD 23515 | 12.52 0.54 -3.17 | 15.61 0.75 -2.17 | 14.17 0.49 -4.73 | 27.08 0.27 -21.77 | 37.16 0.08 -35.33 | 33.56 0.18 -29.62 | 25.81 0.38 -18.63 | 15.23 0.78 -2.83 | 26.87 1.37 -7.40 | 43.82 1.47 -24.09 | 45.50 1.19 -30.52 | 41.72 2.47 -10.81 | 40.56 2.56 -8.84 | 62.18 -0.10 -63.44 | 47.51 0.59 -39.13 | 28.80 1.83 -1.70 | 36.16 1.21 -19.63 | 36.63 1.50 -16.24 | 36.90 1.60 -16.04 | 37.82 1.03 -25.10 | 37.65 1.16 -23.30 | 38.22 0.85 -27.76 | 22.44 1.32 -2.27 | 46.26 2.67 -2.90 |
| BURROWS___LYONSDAL 23803 | 8.87 0.14 0.08 | 12.83 0.20 0.06 | 8.97 0.15 0.12 | 4.56 0.08 0.57 | 0.86 0.03 0.91 | 3.04 0.06 0.77 | 6.41 0.10 0.49 | 11.71 0.17 0.07 | 18.22 0.31 0.19 | 17.97 0.34 0.62 | 13.17 0.17 0.79 | 28.64 0.48 0.28 | 29.51 0.57 0.23 | -2.80 -0.02 1.63 | 6.90 0.12 1.02 | 25.74 0.51 0.05 | 15.05 0.24 0.51 | 18.74 0.28 0.42 | 19.08 0.24 0.42 | 11.17 0.11 0.63 | 12.67 0.04 0.57 | 9.03 0.09 0.67 | 19.15 0.36 0.06 | 41.41 0.79 0.07 |
| CALSPAN___DRP 24200 | 9.00 -0.31 -0.50 | 12.57 -0.47 -0.34 | 9.34 -0.35 -0.75 | 8.30 -0.20 -3.45 | 7.33 -0.06 -5.64 | 8.33 -0.13 -4.70 | 9.56 -0.19 -2.95 | 11.77 -0.30 -0.45 | 18.59 -0.69 -1.17 | 21.17 -0.94 -3.86 | 18.12 -0.57 -4.89 | 28.65 -1.50 -1.71 | 28.94 -1.63 -1.40 | 9.08 0.06 -10.18 | 13.67 -0.33 -6.21 | 24.51 -1.04 -0.27 | 17.94 -0.49 -3.11 | 20.86 -0.61 -2.57 | 21.25 -0.55 -2.54 | 15.62 -0.20 -4.13 | 17.13 -0.04 -3.98 | 14.28 -0.06 -4.74 | 18.92 -0.32 -0.39 | 39.87 -1.28 -0.46 |
| CARR STREET_E__SYR 24060 | 8.97 -0.06 -0.23 | 12.75 -0.10 -0.16 | 9.22 -0.07 -0.34 | 6.56 -0.04 -1.56 | 4.27 -0.01 -2.54 | 5.85 -0.03 -2.12 | 8.09 -0.04 -1.33 | 11.75 -0.07 -0.20 | 18.49 -0.15 -0.53 | 19.80 -0.18 -1.73 | 15.83 -0.16 -2.20 | 28.88 -0.33 -0.77 | 29.47 -0.33 -0.63 | 3.42 0.01 -4.56 | 10.53 -0.08 -2.81 | 25.17 -0.22 -0.12 | 16.58 -0.14 -1.41 | 19.88 -0.17 -1.16 | 20.24 -0.17 -1.15 | 13.40 -0.10 -1.82 | 14.76 -0.13 -1.70 | 11.57 -0.07 -2.03 | 18.84 -0.18 -0.17 | 40.59 -0.32 -0.21 |
| CARTHAGE___PAPER 23857 | 8.74 -0.10 -0.03 | 12.54 -0.17 -0.02 | 8.90 -0.09 -0.05 | 5.22 -0.05 -0.23 | 2.07 -0.02 -0.34 | 4.04 -0.04 -0.32 | 6.92 -0.08 -0.20 | 11.50 -0.15 -0.03 | 18.02 -0.16 -0.08 | 18.35 -0.12 -0.22 | 13.78 -0.28 -0.28 | 28.24 -0.32 -0.12 | 29.07 -0.19 -0.10 | -0.55 0.03 -0.57 | 8.10 -0.12 -0.42 | 25.15 -0.14 -0.02 | 15.29 -0.24 -0.21 | 18.78 -0.28 -0.17 | 19.04 -0.39 -0.17 | 11.49 -0.33 -0.14 | 12.67 -0.52 0.00 | 9.35 -0.26 0.00 | 18.64 -0.21 0.00 | 40.64 -0.09 -0.03 |
| CE_DUNWOOD___DRP 24194 | 12.46 0.49 -3.17 | 15.55 0.69 -2.17 | 14.12 0.45 -4.73 | 27.02 0.25 -21.73 | 37.10 0.08 -35.28 | 33.51 0.17 -29.57 | 25.75 0.35 -18.60 | 15.16 0.71 -2.83 | 26.73 1.25 -7.39 | 43.64 1.33 -24.06 | 45.35 1.08 -30.48 | 41.45 2.22 -10.79 | 40.27 2.29 -8.82 | 62.10 -0.09 -63.35 | 47.39 0.53 -39.07 | 28.62 1.64 -1.70 | 36.00 1.09 -19.60 | 36.44 1.34 -16.21 | 36.72 1.44 -16.02 | 37.70 0.94 -25.08 | 37.53 1.04 -23.30 | 38.12 0.75 -27.76 | 22.40 1.28 -2.27 | 45.98 2.39 -2.89 |
| CE_MILLWOOD___DRP 24193 | 12.42 0.45 -3.16 | 15.49 0.64 -2.16 | 14.07 0.42 -4.71 | 26.98 0.23 -21.71 | 37.07 0.07 -35.25 | 33.46 0.16 -29.55 | 25.70 0.33 -18.58 | 15.10 0.66 -2.83 | 26.63 1.15 -7.38 | 43.53 1.24 -24.04 | 45.24 1.00 -30.46 | 41.27 2.05 -10.78 | 40.09 2.11 -8.81 | 62.06 -0.08 -63.30 | 47.31 0.48 -39.03 | 28.49 1.51 -1.70 | 35.91 1.00 -19.58 | 36.32 1.24 -16.20 | 36.59 1.33 -16.00 | 37.59 0.83 -25.07 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.24 1.12 -2.27 | 45.74 2.15 -2.89 |
| CE_NYC2_DRP 24202 | 12.61 0.63 -3.17 | 15.73 0.87 -2.17 | 14.27 0.59 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.88 0.45 -18.63 | 15.35 0.90 -2.83 | 27.08 1.58 -7.40 | 44.04 1.70 -24.09 | 45.67 1.35 -30.52 | 42.07 2.82 -10.81 | 40.91 2.90 -8.84 | 62.16 -0.12 -63.44 | 47.60 0.67 -39.13 | 29.05 2.07 -1.70 | 36.31 1.36 -19.63 | 36.79 1.66 -16.24 | 37.08 1.78 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.58 2.99 -2.90 |
| CE_NYC_DRP 24195 | 12.55 0.57 -3.17 | 15.66 0.80 -2.17 | 14.20 0.53 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.27 0.82 -2.83 | 26.94 1.44 -7.40 | 43.89 1.55 -24.09 | 45.56 1.25 -30.52 | 41.85 2.60 -10.81 | 40.68 2.68 -8.84 | 62.17 -0.11 -63.44 | 47.55 0.62 -39.13 | 28.92 1.94 -1.70 | 36.23 1.27 -19.63 | 36.69 1.56 -16.24 | 36.98 1.67 -16.04 | 37.86 1.07 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.63 1.51 -2.27 | 46.39 2.80 -2.90 |
| CH_MIDHUDSON___DRP 24192 | 12.69 0.44 -3.44 | 15.67 0.62 -2.36 | 14.49 0.41 -5.14 | 28.89 0.23 -23.62 | 40.20 0.07 -38.38 | 36.06 0.16 -32.14 | 27.32 0.32 -20.21 | 15.30 0.61 -3.08 | 27.19 1.06 -8.03 | 45.58 1.15 -26.18 | 47.90 0.93 -33.18 | 42.08 1.92 -11.72 | 40.72 1.97 -9.59 | 67.72 -0.08 -68.96 | 50.72 0.46 -42.46 | 28.51 1.39 -1.85 | 37.54 0.92 -21.30 | 37.65 1.14 -17.62 | 37.90 1.23 -17.41 | 39.83 0.76 -27.38 | 39.66 0.90 -25.57 | 40.06 0.57 -29.88 | 22.23 0.95 -2.43 | 45.90 2.06 -3.14 |
| CH_MISC_IPPS 23765 | 12.59 0.48 -3.30 | 15.64 0.69 -2.26 | 14.32 0.45 -4.92 | 27.94 0.25 -22.65 | 38.62 0.08 -36.79 | 34.75 0.17 -30.83 | 26.53 0.35 -19.38 | 15.25 0.69 -2.95 | 27.02 1.22 -7.70 | 44.67 1.32 -25.10 | 46.66 1.07 -31.80 | 41.90 2.21 -11.25 | 40.63 2.27 -9.19 | 64.84 -0.09 -66.09 | 49.04 0.53 -40.72 | 28.67 1.63 -1.77 | 36.81 1.07 -20.43 | 37.11 1.33 -16.90 | 37.39 1.43 -16.70 | 38.79 0.89 -26.22 | 38.67 1.04 -24.43 | 39.40 0.68 -29.11 | 22.38 1.15 -2.38 | 46.05 2.34 -3.01 |
| CH_RES_BVR_FALLS 23983 | 8.49 0.01 0.33 | 12.49 0.02 0.22 | 8.48 0.02 0.49 | 2.80 0.01 2.24 | -1.87 0.00 3.62 | 0.71 0.01 3.05 | 4.89 0.01 1.92 | 11.34 0.01 0.29 | 17.36 0.03 0.76 | 15.81 0.03 2.46 | 10.69 0.02 3.12 | 27.38 0.05 1.12 | 28.30 0.05 0.91 | -7.64 0.00 6.48 | 3.78 0.01 4.03 | 25.14 0.05 0.18 | 13.32 0.02 2.02 | 17.24 0.02 1.67 | 17.62 0.02 1.65 | 9.17 0.00 2.52 | 10.92 0.00 2.27 | 6.90 0.00 2.71 | 18.63 0.00 0.22 | 40.45 0.05 0.30 |
| CH_RES_NIAGARA 23895 | 8.79 -0.48 -0.46 | 12.29 -0.72 -0.32 | 9.11 -0.53 -0.69 | 7.92 -0.29 -3.17 | 6.80 -0.09 -5.15 | 7.87 -0.20 -4.31 | 9.19 -0.32 -2.71 | 11.49 -0.54 -0.41 | 17.98 -1.20 -1.08 | 20.25 -1.51 -3.51 | 17.28 -0.96 -4.45 | 27.68 -2.34 -1.57 | 27.97 -2.48 -1.29 | 8.18 0.09 -9.25 | 12.97 -0.52 -5.70 | 23.90 -1.62 -0.25 | 17.37 -0.81 -2.86 | 20.26 -1.00 -2.36 | 20.63 -0.96 -2.34 | 14.92 -0.43 -3.66 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.44 -0.74 -0.33 | 39.07 -2.05 -0.42 |
| CH_RES_SYRACUSE 23985 | 8.98 -0.11 -0.28 | 12.72 -0.16 -0.19 | 9.25 -0.11 -0.41 | 6.88 -0.06 -1.90 | 4.84 -0.02 -3.12 | 6.30 -0.05 -2.59 | 8.35 -0.08 -1.63 | 11.74 -0.12 -0.25 | 18.49 -0.26 -0.65 | 20.08 -0.30 -2.14 | 16.27 -0.24 -2.71 | 28.86 -0.52 -0.94 | 29.40 -0.54 -0.77 | 4.51 0.02 -5.64 | 11.10 -0.12 -3.42 | 25.04 -0.38 -0.15 | 16.80 -0.24 -1.72 | 20.03 -0.28 -1.42 | 20.38 -0.28 -1.40 | 13.88 -0.13 -2.32 | 15.33 -0.13 -2.27 | 12.22 -0.09 -2.71 | 18.88 -0.19 -0.22 | 40.43 -0.52 -0.25 |
| CORNELL____ 23752 | 9.57 0.22 -0.55 | 13.31 0.25 -0.37 | 9.93 0.17 -0.82 | 8.86 0.07 -3.75 | 7.83 0.01 -6.08 | 8.83 -0.03 -5.10 | 9.97 -0.03 -3.21 | 12.09 -0.01 -0.49 | 19.01 -0.36 -1.27 | 21.93 -0.47 -4.14 | 18.74 -0.30 -5.25 | 29.65 -0.66 -1.86 | 30.03 -0.65 -1.52 | 9.80 0.04 -10.91 | 14.65 0.11 -6.74 | 25.50 -0.06 -0.29 | 18.46 -0.25 -3.38 | 21.38 -0.31 -2.80 | 21.73 -0.30 -2.76 | 16.05 0.06 -4.30 | 17.07 -0.09 -3.98 | 14.30 -0.05 -4.74 | 19.15 -0.09 -0.39 | 40.02 -1.17 -0.50 |
| COXSACKIE___GT 23611 | 13.02 0.48 -3.73 | 15.93 0.68 -2.56 | 15.01 0.50 -5.57 | 30.94 0.29 -25.62 | 43.40 0.10 -41.55 | 38.84 0.22 -34.86 | 29.07 0.36 -21.92 | 15.52 0.57 -3.34 | 27.70 0.90 -8.71 | 47.56 0.98 -28.33 | 50.45 0.77 -35.88 | 42.73 1.57 -12.72 | 41.18 1.61 -10.40 | 73.36 -0.07 -74.59 | 54.30 0.46 -46.05 | 28.63 1.35 -2.01 | 39.27 0.85 -23.10 | 39.08 1.08 -19.11 | 39.26 1.12 -18.88 | 41.88 0.73 -29.46 | 41.22 0.76 -27.27 | 42.68 0.57 -32.50 | 22.45 0.95 -2.65 | 46.50 2.39 -3.41 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CRESCENT___HYD 24018 | 13.89 0.58 -4.51 | 16.56 0.79 -3.08 | 16.27 0.60 -6.72 | 36.30 0.34 -30.92 | 52.03 0.13 -50.16 | 46.09 0.26 -42.07 | 33.66 0.40 -26.46 | 16.22 0.58 -4.03 | 29.62 1.01 -10.51 | 53.69 1.24 -34.20 | 57.95 0.84 -43.32 | 45.77 1.98 -15.35 | 43.87 2.15 -12.55 | 88.80 -0.08 -90.04 | 63.95 0.57 -55.57 | 29.40 1.70 -2.42 | 44.13 0.93 -27.88 | 43.14 1.19 -23.06 | 43.15 1.11 -22.79 | 47.83 0.56 -35.58 | 46.66 0.51 -32.95 | 49.30 0.43 -39.27 | 23.13 1.07 -3.20 | 47.64 2.83 -4.11 |
| CRUCIBLE_METL_DRP 24180 | 8.98 -0.11 -0.28 | 12.72 -0.16 -0.19 | 9.25 -0.11 -0.41 | 6.88 -0.06 -1.90 | 4.84 -0.02 -3.12 | 6.30 -0.05 -2.59 | 8.35 -0.08 -1.63 | 11.74 -0.12 -0.25 | 18.49 -0.26 -0.65 | 20.08 -0.30 -2.14 | 16.27 -0.24 -2.71 | 28.86 -0.52 -0.94 | 29.40 -0.54 -0.77 | 4.51 0.02 -5.64 | 11.10 -0.12 -3.42 | 25.04 -0.38 -0.15 | 16.80 -0.24 -1.72 | 20.03 -0.28 -1.42 | 20.38 -0.28 -1.40 | 13.88 -0.13 -2.32 | 15.33 -0.13 -2.27 | 12.22 -0.09 -2.71 | 18.88 -0.19 -0.22 | 40.43 -0.52 -0.25 |
| DANSKAMMER___1 23586 | 12.56 0.45 -3.30 | 15.58 0.63 -2.26 | 14.28 0.41 -4.92 | 27.92 0.23 -22.65 | 38.61 0.07 -36.79 | 34.74 0.15 -30.83 | 26.49 0.31 -19.38 | 15.20 0.64 -2.95 | 26.94 1.14 -7.70 | 44.58 1.24 -25.10 | 46.59 1.00 -31.80 | 41.76 2.07 -11.25 | 40.48 2.12 -9.19 | 64.85 -0.09 -66.09 | 49.00 0.48 -40.72 | 28.55 1.50 -1.77 | 36.74 0.99 -20.43 | 37.02 1.23 -16.90 | 37.29 1.33 -16.70 | 38.76 0.86 -26.22 | 38.57 0.94 -24.43 | 39.40 0.68 -29.11 | 22.34 1.11 -2.38 | 45.89 2.18 -3.01 |
| DANSKAMMER___2 23589 | 12.56 0.45 -3.30 | 15.58 0.63 -2.26 | 14.28 0.41 -4.92 | 27.92 0.23 -22.65 | 38.61 0.07 -36.79 | 34.74 0.15 -30.83 | 26.49 0.31 -19.38 | 15.20 0.64 -2.95 | 26.94 1.14 -7.70 | 44.58 1.24 -25.10 | 46.59 1.00 -31.80 | 41.76 2.07 -11.25 | 40.48 2.12 -9.19 | 64.85 -0.09 -66.09 | 49.00 0.48 -40.72 | 28.55 1.50 -1.77 | 36.74 0.99 -20.43 | 37.02 1.23 -16.90 | 37.29 1.33 -16.70 | 38.76 0.86 -26.22 | 38.57 0.94 -24.43 | 39.40 0.68 -29.11 | 22.34 1.11 -2.38 | 45.89 2.18 -3.01 |
| DANSKAMMER___3 23590 | 12.56 0.45 -3.30 | 15.58 0.63 -2.26 | 14.28 0.41 -4.92 | 27.92 0.23 -22.65 | 38.61 0.07 -36.79 | 34.74 0.15 -30.83 | 26.49 0.31 -19.38 | 15.20 0.64 -2.95 | 26.94 1.14 -7.70 | 44.58 1.24 -25.10 | 46.59 1.00 -31.80 | 41.76 2.07 -11.25 | 40.48 2.12 -9.19 | 64.85 -0.09 -66.09 | 49.00 0.48 -40.72 | 28.55 1.50 -1.77 | 36.74 0.99 -20.43 | 37.02 1.23 -16.90 | 37.29 1.33 -16.70 | 38.76 0.86 -26.22 | 38.57 0.94 -24.43 | 39.40 0.68 -29.11 | 22.34 1.11 -2.38 | 45.89 2.18 -3.01 |
| DANSKAMMER___4 23591 | 12.56 0.45 -3.30 | 15.58 0.63 -2.26 | 14.28 0.41 -4.92 | 27.92 0.23 -22.65 | 38.61 0.07 -36.79 | 34.74 0.15 -30.83 | 26.49 0.31 -19.38 | 15.20 0.64 -2.95 | 26.94 1.14 -7.70 | 44.58 1.24 -25.10 | 46.59 1.00 -31.80 | 41.76 2.07 -11.25 | 40.48 2.12 -9.19 | 64.85 -0.09 -66.09 | 49.00 0.48 -40.72 | 28.55 1.50 -1.77 | 36.74 0.99 -20.43 | 37.02 1.23 -16.90 | 37.29 1.33 -16.70 | 38.76 0.86 -26.22 | 38.57 0.94 -24.43 | 39.40 0.68 -29.11 | 22.34 1.11 -2.38 | 45.89 2.18 -3.01 |
| DANSKAMMER___DIESEL 23592 | 12.56 0.45 -3.30 | 15.58 0.63 -2.26 | 14.28 0.41 -4.92 | 27.92 0.23 -22.65 | 38.61 0.07 -36.79 | 34.74 0.15 -30.83 | 26.49 0.31 -19.38 | 15.20 0.64 -2.95 | 26.94 1.14 -7.70 | 44.58 1.24 -25.10 | 46.59 1.00 -31.80 | 41.76 2.07 -11.25 | 40.48 2.12 -9.19 | 64.85 -0.09 -66.09 | 49.00 0.48 -40.72 | 28.55 1.50 -1.77 | 36.74 0.99 -20.43 | 37.02 1.23 -16.90 | 37.29 1.33 -16.70 | 38.76 0.86 -26.22 | 38.57 0.94 -24.43 | 39.40 0.68 -29.11 | 22.34 1.11 -2.38 | 45.89 2.18 -3.01 |
| DASHVILLE___HYD 23610 | 12.61 0.46 -3.35 | 15.63 0.65 -2.29 | 14.37 0.43 -5.00 | 28.26 0.24 -22.99 | 39.10 0.07 -37.28 | 35.20 0.16 -31.28 | 26.80 0.33 -19.67 | 15.26 0.65 -2.99 | 27.05 1.13 -7.81 | 44.89 1.23 -25.42 | 46.96 0.98 -32.20 | 41.87 2.02 -11.41 | 40.57 2.07 -9.33 | 65.67 -0.09 -66.92 | 49.57 0.45 -41.32 | 28.37 1.30 -1.80 | 36.91 0.86 -20.73 | 37.11 1.07 -17.15 | 37.37 1.16 -16.94 | 38.85 0.74 -26.42 | 38.52 0.90 -24.43 | 39.30 0.57 -29.11 | 22.17 0.94 -2.38 | 45.62 1.87 -3.06 |
| DOGLEVILLE___HYD 23807 | 9.04 0.43 0.20 | 13.14 0.59 0.14 | 9.07 0.43 0.30 | 3.89 0.24 1.39 | -0.45 0.09 2.29 | 2.06 0.19 1.89 | 5.94 0.33 1.19 | 11.99 0.56 0.18 | 18.64 1.01 0.47 | 17.87 1.19 1.57 | 12.74 0.94 1.99 | 29.66 1.90 0.69 | 30.57 1.97 0.56 | -5.39 -0.09 4.14 | 5.80 0.50 2.50 | 26.52 1.36 0.11 | 14.99 0.93 1.25 | 19.03 1.18 1.03 | 19.51 1.27 1.02 | 10.78 0.80 1.71 | 12.41 0.92 1.70 | 8.22 0.64 2.03 | 19.65 0.96 0.17 | 42.63 2.12 0.18 |
| DUNKIRK___1 23563 | 9.02 -0.32 -0.53 | 12.60 -0.45 -0.36 | 9.39 -0.35 -0.79 | 8.49 -0.20 -3.65 | 7.61 -0.07 -5.94 | 8.59 -0.14 -4.97 | 9.72 -0.20 -3.13 | 11.81 -0.28 -0.48 | 18.82 -0.52 -1.24 | 21.51 -0.79 -4.05 | 18.39 -0.54 -5.14 | 28.83 -1.42 -1.81 | 29.06 -1.59 -1.48 | 9.57 0.05 -10.67 | 14.01 -0.36 -6.57 | 24.39 -1.17 -0.29 | 17.99 -0.63 -3.29 | 20.81 -0.80 -2.72 | 21.23 -0.72 -2.69 | 15.61 -0.32 -4.25 | 16.92 -0.24 -3.98 | 14.13 -0.21 -4.74 | 18.74 -0.50 -0.39 | 39.77 -1.42 -0.49 |
| DUNKIRK___2 23564 | 9.02 -0.32 -0.53 | 12.60 -0.45 -0.36 | 9.39 -0.35 -0.79 | 8.49 -0.20 -3.65 | 7.61 -0.07 -5.94 | 8.59 -0.14 -4.97 | 9.72 -0.20 -3.13 | 11.81 -0.28 -0.48 | 18.82 -0.52 -1.24 | 21.51 -0.79 -4.05 | 18.39 -0.54 -5.14 | 28.83 -1.42 -1.81 | 29.06 -1.59 -1.48 | 9.57 0.05 -10.67 | 14.01 -0.36 -6.57 | 24.39 -1.17 -0.29 | 17.99 -0.63 -3.29 | 20.81 -0.80 -2.72 | 21.23 -0.72 -2.69 | 15.61 -0.32 -4.25 | 16.92 -0.24 -3.98 | 14.13 -0.21 -4.74 | 18.74 -0.50 -0.39 | 39.77 -1.42 -0.49 |
| DUNKIRK___3 23565 | 9.01 -0.33 -0.54 | 12.58 -0.48 -0.37 | 9.38 -0.37 -0.80 | 8.51 -0.21 -3.68 | 7.65 -0.07 -5.98 | 8.62 -0.14 -5.01 | 9.73 -0.21 -3.15 | 11.78 -0.31 -0.48 | 18.75 -0.61 -1.25 | 21.47 -0.86 -4.08 | 18.39 -0.57 -5.16 | 28.78 -1.48 -1.83 | 29.03 -1.63 -1.50 | 9.64 0.06 -10.74 | 14.05 -0.36 -6.61 | 24.38 -1.18 -0.29 | 18.02 -0.62 -3.32 | 20.86 -0.78 -2.75 | 21.27 -0.70 -2.71 | 15.64 -0.31 -4.26 | 16.97 -0.20 -3.98 | 14.18 -0.16 -4.74 | 18.74 -0.50 -0.39 | 39.73 -1.46 -0.49 |
| DUNKIRK___4 23566 | 9.01 -0.33 -0.54 | 12.58 -0.48 -0.37 | 9.38 -0.37 -0.80 | 8.51 -0.21 -3.68 | 7.65 -0.07 -5.98 | 8.62 -0.14 -5.01 | 9.73 -0.21 -3.15 | 11.78 -0.31 -0.48 | 18.75 -0.61 -1.25 | 21.47 -0.86 -4.08 | 18.39 -0.57 -5.16 | 28.78 -1.48 -1.83 | 29.03 -1.63 -1.50 | 9.64 0.06 -10.74 | 14.05 -0.36 -6.61 | 24.38 -1.18 -0.29 | 18.02 -0.62 -3.32 | 20.86 -0.78 -2.75 | 21.27 -0.70 -2.71 | 15.64 -0.31 -4.26 | 16.97 -0.20 -3.98 | 14.18 -0.16 -4.74 | 18.74 -0.50 -0.39 | 39.73 -1.46 -0.49 |
| EAST HAMPTON___GT 23717 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| EAST RIVER___6 23660 | 12.57 0.59 -3.17 | 15.68 0.82 -2.17 | 14.21 0.54 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.59 0.21 -29.62 | 25.84 0.42 -18.63 | 15.28 0.83 -2.83 | 26.97 1.47 -7.40 | 43.93 1.59 -24.09 | 45.60 1.28 -30.52 | 41.90 2.66 -10.81 | 40.74 2.74 -8.84 | 62.17 -0.11 -63.44 | 47.56 0.63 -39.13 | 28.96 1.98 -1.70 | 36.25 1.30 -19.63 | 36.72 1.59 -16.24 | 37.01 1.71 -16.04 | 37.87 1.08 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.41 2.82 -2.90 |
| EAST RIVER___7 23524 | 12.57 0.59 -3.17 | 15.68 0.82 -2.17 | 14.21 0.54 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.59 0.21 -29.62 | 25.84 0.42 -18.63 | 15.28 0.83 -2.83 | 26.97 1.47 -7.40 | 43.93 1.59 -24.09 | 45.60 1.28 -30.52 | 41.90 2.66 -10.81 | 40.74 2.74 -8.84 | 62.17 -0.11 -63.44 | 47.56 0.63 -39.13 | 28.96 1.98 -1.70 | 36.25 1.30 -19.63 | 36.72 1.59 -16.24 | 37.01 1.71 -16.04 | 37.87 1.08 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.41 2.82 -2.90 |

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|--------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| EAST_HAMPTON___DIESEL 23722 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| E_CANADA_CAP_HY 24051 | 15.07 0.16 -6.11 | 17.11 0.24 -4.18 | 18.27 0.21 -9.11 | 47.06 0.12 -41.91 | 69.81 0.04 -68.02 | 60.87 0.08 -57.02 | 42.79 0.14 -35.86 | 17.25 0.18 -5.46 | 32.57 0.23 -14.24 | 64.87 0.24 -46.39 | 72.60 0.04 -58.76 | 49.58 0.34 -20.80 | 46.57 0.39 -17.01 | 120.99 0.01 -122.14 | 83.28 0.15 -75.33 | 29.31 0.76 -3.28 | 53.35 0.24 -37.79 | 50.45 0.30 -31.26 | 50.26 0.12 -30.88 | 60.02 -0.01 -48.34 | 57.94 -0.14 -44.89 | 63.10 0.00 -53.49 | 23.53 0.31 -4.36 | 46.99 0.72 -5.57 |
| E_CANADA_MHWK_HY 24050 | 9.04 0.43 0.20 | 13.14 0.59 0.14 | 9.07 0.43 0.30 | 3.89 0.24 1.39 | -0.45 0.09 2.29 | 2.06 0.19 1.89 | 5.94 0.33 1.19 | 11.99 0.56 0.18 | 18.64 1.01 0.47 | 17.87 1.19 1.57 | 12.74 0.94 1.99 | 29.66 1.90 0.69 | 30.57 1.97 0.56 | -5.39 -0.09 4.14 | 5.80 0.50 2.50 | 26.52 1.36 0.11 | 14.99 0.93 1.25 | 19.03 1.18 1.03 | 19.51 1.27 1.02 | 10.78 0.80 1.71 | 12.41 0.92 1.70 | 8.22 0.64 2.03 | 19.65 0.96 0.17 | 42.63 2.12 0.18 |
| E_FISHKILL___LBMP 23776 | 12.35 0.32 -3.22 | 15.35 0.46 -2.21 | 14.06 0.30 -4.81 | 27.33 0.17 -22.12 | 37.73 0.06 -35.93 | 33.97 0.12 -30.10 | 25.96 0.23 -18.93 | 14.94 0.45 -2.88 | 26.38 0.76 -7.52 | 43.58 0.82 -24.51 | 45.50 0.66 -31.05 | 40.76 1.34 -10.98 | 39.52 1.37 -8.98 | 63.32 -0.06 -64.54 | 47.88 0.32 -39.76 | 27.98 0.97 -1.73 | 35.92 0.65 -19.95 | 36.20 0.81 -16.50 | 36.44 0.88 -16.30 | 37.86 0.56 -25.60 | 37.77 0.72 -23.87 | 38.48 0.43 -28.44 | 21.89 0.71 -2.32 | 45.18 1.54 -2.94 |
| FAR ROCKAWAY___4 23548 | 12.58 0.60 -3.17 | 15.70 0.84 -2.17 | 14.23 0.56 -4.73 | 27.11 0.31 -21.76 | 37.17 0.10 -35.32 | 33.59 0.22 -29.61 | 25.85 0.44 -18.62 | 33.36 0.86 -20.88 | 35.24 1.51 -15.63 | 45.36 1.57 -25.54 | 45.52 1.22 -30.51 | 41.77 2.52 -10.80 | 40.58 2.58 -8.84 | 62.16 -0.10 -63.42 | 47.52 0.60 -39.12 | 28.88 1.90 -1.70 | 36.21 1.26 -19.63 | 36.75 1.63 -16.23 | 37.05 1.76 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.25 0.89 -27.76 | 22.64 1.52 -2.27 | 46.59 2.99 -2.89 |
| FENNER___WINDPWR 24204 | 9.02 0.20 -0.01 | 12.97 0.28 -0.01 | 9.17 0.20 -0.02 | 5.24 0.11 -0.09 | 1.91 0.03 -0.13 | 3.94 0.07 -0.12 | 6.99 0.12 -0.07 | 11.83 0.20 -0.01 | 18.45 0.32 -0.03 | 18.66 0.33 -0.08 | 14.07 0.17 -0.10 | 28.92 0.43 -0.04 | 29.74 0.53 -0.04 | -0.95 -0.01 -0.21 | 8.10 0.14 -0.16 | 25.83 0.55 -0.01 | 15.69 0.29 -0.08 | 19.31 0.36 -0.07 | 19.65 0.32 -0.06 | 11.95 0.21 -0.05 | 13.32 0.13 0.00 | 9.80 0.19 0.00 | 19.23 0.37 0.00 | 41.51 0.80 -0.01 |
| FIBERTEK___ENERGY 23856 | 8.98 -0.11 -0.28 | 12.72 -0.16 -0.19 | 9.25 -0.11 -0.41 | 6.88 -0.06 -1.90 | 4.84 -0.02 -3.12 | 6.30 -0.05 -2.59 | 8.35 -0.08 -1.63 | 11.74 -0.12 -0.25 | 18.49 -0.26 -0.65 | 20.08 -0.30 -2.14 | 16.27 -0.24 -2.71 | 28.86 -0.52 -0.94 | 29.40 -0.54 -0.77 | 4.51 0.02 -5.64 | 11.10 -0.12 -3.42 | 25.04 -0.38 -0.15 | 16.80 -0.24 -1.72 | 20.03 -0.28 -1.42 | 20.38 -0.28 -1.40 | 13.88 -0.13 -2.32 | 15.33 -0.13 -2.27 | 12.22 -0.09 -2.71 | 18.88 -0.19 -0.22 | 40.43 -0.52 -0.25 |
| FITZPATRICK____ 23598 | 8.67 -0.31 -0.17 | 12.36 -0.45 -0.11 | 8.88 -0.32 -0.25 | 6.00 -0.18 -1.14 | 3.53 -0.06 -1.84 | 5.18 -0.13 -1.56 | 7.54 -0.23 -0.98 | 11.38 -0.39 -0.15 | 17.85 -0.64 -0.39 | 18.82 -0.68 -1.25 | 14.88 -0.50 -1.59 | 27.93 -1.07 -0.57 | 28.51 -1.11 -0.46 | 2.18 0.04 -3.29 | 9.57 -0.28 -2.06 | 24.44 -0.93 -0.09 | 15.81 -0.54 -1.03 | 19.08 -0.66 -0.85 | 19.44 -0.66 -0.84 | 12.60 -0.36 -1.27 | 13.93 -0.40 -1.13 | 10.67 -0.29 -1.35 | 18.40 -0.57 -0.11 | 39.46 -1.39 -0.15 |
| FORT ORANGE____ 23900 | 13.77 0.63 -4.33 | 16.74 1.08 -2.96 | 16.19 0.78 -6.46 | 35.21 0.44 -29.73 | 50.14 0.15 -48.25 | 44.52 0.30 -40.45 | 32.61 0.37 -25.44 | 16.04 0.56 -3.87 | 29.23 1.03 -10.10 | 52.41 1.26 -32.90 | 56.37 0.90 -41.68 | 45.33 2.14 -14.76 | 43.47 2.23 -12.07 | 85.39 -0.09 -86.64 | 61.76 0.52 -53.44 | 29.31 1.71 -2.33 | 43.09 0.96 -26.81 | 42.27 1.21 -22.18 | 42.31 1.15 -21.91 | 46.62 0.65 -34.28 | 45.60 0.58 -31.82 | 47.98 0.45 -37.92 | 23.01 1.07 -3.09 | 46.99 2.34 -3.95 |
| FORT_DRUM_COGEN 23780 | 8.73 -0.13 -0.05 | 12.52 -0.20 -0.03 | 8.91 -0.11 -0.07 | 5.31 -0.06 -0.34 | 2.30 -0.02 -0.58 | 4.17 -0.04 -0.46 | 6.99 -0.10 -0.29 | 11.48 -0.18 -0.04 | 18.01 -0.21 -0.11 | 18.49 -0.16 -0.40 | 13.99 -0.32 -0.51 | 28.22 -0.39 -0.17 | 29.04 -0.26 -0.14 | -0.05 0.03 -1.07 | 8.27 -0.14 -0.61 | 25.09 -0.21 -0.03 | 15.35 -0.28 -0.30 | 18.81 -0.33 -0.25 | 19.07 -0.44 -0.25 | 11.84 -0.35 -0.49 | 13.24 -0.52 -0.57 | 9.99 -0.29 -0.67 | 18.70 -0.21 -0.06 | 40.54 -0.20 -0.05 |
| FRANKLIN_FALL_HYD 24054 | 8.71 -0.01 0.09 | 12.64 0.01 0.06 | 8.83 0.01 0.13 | 4.46 0.01 0.59 | 0.80 0.00 0.94 | 2.96 0.00 0.80 | 6.27 -0.03 0.50 | 11.45 -0.09 0.08 | 17.81 -0.09 0.20 | 17.53 -0.08 0.64 | 12.88 -0.11 0.81 | 28.05 -0.10 0.29 | 28.87 -0.06 0.24 | -2.83 0.01 1.68 | 6.73 -0.02 1.05 | 25.22 0.00 0.05 | 14.68 -0.11 0.53 | 18.31 -0.14 0.44 | 18.63 -0.20 0.43 | 10.83 -0.21 0.64 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.60 -0.20 0.06 | 40.59 -0.03 0.08 |
| FULTON COGEN____ 23766 | 8.86 -0.16 -0.21 | 12.59 -0.25 -0.15 | 9.09 -0.17 -0.32 | 6.41 -0.09 -1.46 | 4.10 -0.03 -2.39 | 5.68 -0.07 -1.99 | 7.93 -0.12 -1.25 | 11.61 -0.20 -0.19 | 18.26 -0.33 -0.50 | 19.53 -0.36 -1.64 | 15.57 -0.30 -2.08 | 28.56 -0.61 -0.72 | 29.15 -0.60 -0.59 | 3.19 0.03 -4.32 | 10.26 -0.16 -2.62 | 24.90 -0.48 -0.11 | 16.33 -0.30 -1.32 | 19.61 -0.37 -1.09 | 19.96 -0.38 -1.08 | 13.22 -0.23 -1.76 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.64 -0.38 -0.17 | 40.18 -0.71 -0.19 |
| G.F.CEMENT___DRP 24184 | 14.01 0.58 -4.63 | 16.56 0.70 -3.17 | 16.34 0.49 -6.91 | 37.09 0.28 -31.77 | 53.44 0.12 -51.58 | 47.23 0.24 -43.23 | 34.31 0.32 -27.19 | 16.20 0.44 -4.14 | 29.78 0.88 -10.80 | 54.60 1.18 -35.18 | 59.18 0.82 -44.56 | 46.22 2.01 -15.77 | 44.56 2.50 -12.90 | 91.37 -0.10 -92.62 | 65.60 0.69 -57.11 | 29.52 1.76 -2.49 | 44.89 0.93 -28.65 | 43.83 1.24 -23.70 | 43.84 1.17 -23.41 | 48.98 0.62 -36.68 | 47.80 0.52 -34.09 | 50.66 0.43 -40.63 | 23.25 1.09 -3.32 | 48.21 3.29 -4.23 |
| GARDENVILLE___LBMP 24039 | 8.74 -0.57 -0.50 | 12.26 -0.78 -0.34 | 9.10 -0.59 -0.75 | 8.16 -0.32 -3.44 | 7.18 -0.11 -5.54 | 8.22 -0.22 -4.68 | 9.39 -0.35 -2.94 | 11.49 -0.58 -0.45 | 18.10 -1.18 -1.17 | 20.53 -1.49 -3.77 | 17.55 -1.01 -4.77 | 27.63 -2.52 -1.71 | 27.89 -2.67 -1.40 | 8.85 0.09 -9.91 | 13.35 -0.63 -6.18 | 23.50 -2.04 -0.27 | 17.34 -1.08 -3.10 | 20.16 -1.30 -2.57 | 20.55 -1.25 -2.53 | 14.87 -0.64 -3.82 | 16.03 -0.57 -3.41 | 13.21 -0.46 -4.06 | 18.14 -1.05 -0.33 | 38.60 -2.55 -0.46 |
| GENERAL___MILLS 23808 | 9.00 -0.31 -0.50 | 12.57 -0.47 -0.34 | 9.34 -0.35 -0.75 | 8.30 -0.20 -3.45 | 7.33 -0.06 -5.64 | 8.33 -0.13 -4.70 | 9.56 -0.19 -2.95 | 11.77 -0.30 -0.45 | 18.59 -0.69 -1.17 | 21.17 -0.94 -3.86 | 18.12 -0.57 -4.89 | 28.65 -1.50 -1.71 | 28.94 -1.63 -1.40 | 9.08 0.06 -10.18 | 13.67 -0.33 -6.21 | 24.51 -1.04 -0.27 | 17.94 -0.49 -3.11 | 20.86 -0.55 -2.57 | 21.25 -0.55 -2.54 | 15.62 -0.20 -4.13 | 17.13 -0.04 -3.98 | 14.28 -0.06 -4.74 | 18.92 -0.32 -0.39 | 39.87 -1.28 -0.46 |
| GE_PLASTICS___DRP 24183 | 13.77 0.59 -4.38 | 16.51 0.82 -3.00 | 16.10 0.62 -6.53 | 35.43 0.35 -30.04 | 50.66 0.12 -48.79 | 44.89 0.25 -40.88 | 32.91 0.40 -25.71 | 16.16 0.63 -3.91 | 29.39 1.08 -10.21 | 52.80 1.27 -33.28 | 56.82 0.86 -42.17 | 45.39 2.03 -14.91 | 43.48 2.12 -12.20 | 86.41 -0.08 -87.64 | 62.34 0.54 -54.00 | 29.35 1.73 -2.35 | 43.35 0.94 -27.09 | 42.49 1.19 -22.41 | 42.50 1.11 -22.14 | 47.01 0.57 -34.76 | 46.09 0.51 -32.39 | 48.65 0.45 -38.59 | 23.08 1.07 -3.15 | 47.38 2.68 -4.00 |

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|---------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GILBOA___1 23756 | 12.55 0.54 -3.21 | 15.65 0.76 -2.19 | 14.32 0.60 -4.78 | 27.38 0.34 -22.00 | 37.54 0.12 -35.67 | 33.94 0.24 -29.94 | 26.00 0.37 -18.83 | 15.04 0.56 -2.86 | 26.48 0.90 -7.48 | 43.63 1.06 -24.32 | 45.30 0.71 -30.80 | 41.07 1.71 -10.92 | 39.81 1.71 -8.93 | 62.78 -0.07 -64.01 | 47.79 0.44 -39.55 | 28.45 1.45 -1.72 | 35.90 0.74 -19.84 | 36.23 0.93 -16.41 | 36.31 0.84 -16.21 | 37.36 0.43 -25.24 | 36.86 0.38 -23.30 | 37.71 0.34 -27.76 | 21.99 0.87 -2.27 | 45.94 2.31 -2.93 |
| GILBOA___2 23757 | 12.55 0.54 -3.21 | 15.65 0.76 -2.19 | 14.32 0.60 -4.78 | 27.38 0.34 -22.00 | 37.54 0.12 -35.67 | 33.94 0.24 -29.94 | 26.00 0.37 -18.83 | 15.04 0.56 -2.86 | 26.48 0.90 -7.48 | 43.63 1.06 -24.32 | 45.30 0.71 -30.80 | 41.07 1.71 -10.92 | 39.81 1.71 -8.93 | 62.78 -0.07 -64.01 | 47.79 0.44 -39.55 | 28.45 1.45 -1.72 | 35.90 0.74 -19.84 | 36.23 0.93 -16.41 | 36.31 0.84 -16.21 | 37.36 0.43 -25.24 | 36.86 0.38 -23.30 | 37.71 0.34 -27.76 | 21.99 0.87 -2.27 | 45.94 2.31 -2.93 |
| GILBOA___3 23758 | 12.55 0.54 -3.21 | 15.65 0.76 -2.19 | 14.32 0.60 -4.78 | 27.38 0.34 -22.00 | 37.54 0.12 -35.67 | 33.94 0.24 -29.94 | 26.00 0.37 -18.83 | 15.04 0.56 -2.86 | 26.48 0.90 -7.48 | 43.63 1.06 -24.32 | 45.30 0.71 -30.80 | 41.07 1.71 -10.92 | 39.81 1.71 -8.93 | 62.78 -0.07 -64.01 | 47.79 0.44 -39.55 | 28.45 1.45 -1.72 | 35.90 0.74 -19.84 | 36.23 0.93 -16.41 | 36.31 0.84 -16.21 | 37.36 0.43 -25.24 | 36.86 0.38 -23.30 | 37.71 0.34 -27.76 | 21.99 0.87 -2.27 | 45.94 2.31 -2.93 |
| GILBOA___4 23759 | 12.55 0.54 -3.21 | 15.65 0.76 -2.19 | 14.32 0.60 -4.78 | 27.38 0.34 -22.00 | 37.54 0.12 -35.67 | 33.94 0.24 -29.94 | 26.00 0.37 -18.83 | 15.04 0.56 -2.86 | 26.48 0.90 -7.48 | 43.63 1.06 -24.32 | 45.30 0.71 -30.80 | 41.07 1.71 -10.92 | 39.81 1.71 -8.93 | 62.78 -0.07 -64.01 | 47.79 0.44 -39.55 | 28.45 1.45 -1.72 | 35.90 0.74 -19.84 | 36.23 0.93 -16.41 | 36.31 0.84 -16.21 | 37.36 0.43 -25.24 | 36.86 0.38 -23.30 | 37.71 0.34 -27.76 | 21.99 0.87 -2.27 | 45.94 2.31 -2.93 |
| GILBOA____ 23599 | 12.55 0.54 -3.21 | 15.65 0.76 -2.19 | 14.32 0.60 -4.78 | 27.38 0.34 -22.00 | 37.54 0.12 -35.67 | 33.94 0.24 -29.94 | 26.00 0.37 -18.83 | 15.04 0.56 -2.86 | 26.48 0.90 -7.48 | 43.63 1.06 -24.32 | 45.30 0.71 -30.80 | 41.07 1.71 -10.92 | 39.81 1.71 -8.93 | 62.78 -0.07 -64.01 | 47.79 0.44 -39.55 | 28.45 1.45 -1.72 | 35.90 0.74 -19.84 | 36.23 0.93 -16.41 | 36.31 0.84 -16.21 | 37.36 0.43 -25.24 | 36.86 0.38 -23.30 | 37.71 0.34 -27.76 | 21.99 0.87 -2.27 | 45.94 2.31 -2.93 |
| GINNA____ 23603 | 8.83 -0.33 -0.35 | 12.44 -0.49 -0.24 | 9.13 -0.33 -0.52 | 7.25 -0.19 -2.40 | 5.62 -0.06 -3.94 | 6.88 -0.14 -3.27 | 8.58 -0.27 -2.05 | 11.42 -0.51 -0.31 | 18.08 -0.84 -0.82 | 20.13 -0.81 -2.69 | 16.56 -0.65 -3.42 | 28.43 -1.20 -1.19 | 28.95 -1.19 -0.98 | 6.01 0.06 -7.11 | 11.84 -0.28 -4.31 | 24.66 -0.80 -0.19 | 16.91 -0.58 -2.16 | 20.01 -0.67 -1.79 | 20.21 -0.82 -1.77 | 14.10 -0.49 -2.91 | 15.38 -0.65 -2.84 | 12.60 -0.39 -3.38 | 18.53 -0.60 -0.28 | 39.60 -1.41 -0.32 |
| GLEN PARK____ 23778 | 8.83 -0.05 -0.07 | 12.64 -0.10 -0.05 | 9.01 -0.04 -0.11 | 5.52 -0.02 -0.50 | 2.55 -0.01 -0.81 | 4.42 -0.01 -0.68 | 7.18 -0.04 -0.43 | 11.61 -0.07 -0.07 | 18.22 -0.05 -0.17 | 18.80 0.00 -0.56 | 14.29 -0.21 -0.71 | 28.53 -0.16 -0.25 | 29.35 -0.02 -0.20 | 0.33 0.02 -1.47 | 8.62 -0.08 -0.90 | 25.32 0.00 -0.04 | 15.62 -0.15 -0.45 | 19.09 -0.17 -0.37 | 19.34 -0.28 -0.37 | 12.04 -0.24 -0.59 | 13.36 -0.39 -0.57 | 10.09 -0.19 -0.67 | 18.87 -0.04 -0.06 | 40.89 0.12 -0.07 |
| GLENWOOD_IC_1_G5 23712 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| GLENWOOD_IC_2_G1 23688 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| GLENWOOD_IC_3_G1 23689 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| GLENWOOD___4 23550 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| GLENWOOD___5 23614 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| GOUDEY___7 23579 | 9.98 0.20 -0.98 | 13.68 0.32 -0.67 | 10.60 0.20 -1.46 | 11.86 0.13 -6.69 | 12.68 0.04 -10.90 | 12.95 0.09 -9.11 | 12.71 0.18 -5.73 | 12.85 0.37 -0.87 | 21.01 0.64 -2.28 | 26.32 0.63 -7.44 | 23.66 0.44 -9.43 | 32.60 0.83 -3.32 | 32.70 0.81 -2.72 | 18.41 -0.04 -19.60 | 20.01 0.17 -12.03 | 26.34 0.55 -0.52 | 21.70 0.34 -6.04 | 24.33 0.45 -4.99 | 24.64 0.45 -4.93 | 19.83 0.31 -7.83 | 20.93 0.35 -7.38 | 18.69 0.28 -8.80 | 19.99 0.41 -0.72 | 42.45 0.86 -0.89 |
| GOUDEY___8 23580 | 9.97 0.19 -0.98 | 13.66 0.31 -0.67 | 10.59 0.19 -1.46 | 11.85 0.12 -6.69 | 12.68 0.04 -10.90 | 12.95 0.08 -9.11 | 12.70 0.17 -5.73 | 12.83 0.34 -0.87 | 20.95 0.57 -2.28 | 26.26 0.57 -7.44 | 23.63 0.41 -9.43 | 32.53 0.77 -3.32 | 32.63 0.75 -2.72 | 18.41 -0.04 -19.60 | 19.98 0.15 -12.03 | 26.26 0.46 -0.52 | 21.65 0.29 -6.04 | 24.26 0.38 -4.99 | 24.59 0.40 -4.93 | 19.82 0.30 -7.83 | 20.89 0.31 -7.38 | 18.64 0.23 -8.80 | 19.93 0.36 -0.72 | 42.33 0.74 -0.89 |
| GOWANUS_GT_1_GRP 23732 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT_2_GRP 23617 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |

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|---------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT_3_GRP 23618 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT_4_GRP 23751 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT1_1 24077 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_2 24078 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_3 24079 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_4 24080 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_5 24084 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_6 24111 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_7 24112 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT1_8 24113 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT2_1 24114 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_2 24115 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_3 24116 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_4 24117 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_5 24118 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_6 24119 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |

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|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| GOWANUS_GT2_7 24120 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT2_8 24121 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT3_1 24122 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_2 24123 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_3 24124 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_4 24125 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_5 24126 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_6 24127 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_7 24128 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT3_8 24129 | 12.62 0.64 -3.17 | 15.75 0.89 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.10 -35.33 | 33.61 0.23 -29.62 | 25.89 0.46 -18.63 | 15.37 0.91 -2.83 | 27.11 1.61 -7.40 | 44.07 1.73 -24.09 | 45.70 1.39 -30.52 | 42.13 2.88 -10.81 | 40.98 2.98 -8.84 | 62.16 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.09 2.12 -1.70 | 36.35 1.40 -19.63 | 36.83 1.70 -16.24 | 37.12 1.81 -16.04 | 37.94 1.15 -25.10 | 37.79 1.31 -23.30 | 38.25 0.88 -27.76 | 22.67 1.55 -2.27 | 46.73 3.14 -2.90 |
| GOWANUS_GT4_1 24130 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_2 24131 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_3 24132 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_4 24133 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_5 24134 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_6 24135 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |

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|------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_7 24136 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GOWANUS_GT4_8 24137 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.37 0.92 -2.83 | 27.12 1.62 -7.40 | 44.08 1.74 -24.09 | 45.71 1.39 -30.52 | 42.15 2.90 -10.81 | 41.00 3.00 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.69 -39.13 | 29.11 2.13 -1.70 | 36.36 1.41 -19.63 | 36.84 1.71 -16.24 | 37.13 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.75 1.63 -2.27 | 46.75 3.16 -2.90 |
| GRAHMSVILLE___HY 23607 | 12.07 0.47 -2.79 | 15.26 0.66 -1.91 | 13.52 0.42 -4.16 | 24.41 0.22 -19.14 | 32.88 0.07 -31.06 | 29.96 0.16 -26.05 | 23.50 0.32 -16.38 | 14.76 0.65 -2.49 | 25.72 1.12 -6.51 | 40.62 1.19 -21.18 | 41.58 0.96 -26.83 | 39.92 1.97 -9.50 | 38.98 2.04 -7.77 | 54.53 -0.09 -55.77 | 42.70 0.49 -34.41 | 28.35 1.58 -1.50 | 33.63 1.05 -17.26 | 34.45 1.28 -14.28 | 34.75 1.38 -14.11 | 34.66 0.92 -22.05 | 34.79 1.15 -20.46 | 34.75 0.77 -24.37 | 22.18 1.34 -1.99 | 45.58 2.33 -2.55 |
| GREENIDGE___3 23582 | 9.20 -0.18 -0.58 | 12.82 -0.26 -0.40 | 9.59 -0.21 -0.86 | 8.89 -0.11 -3.97 | 8.10 -0.04 -6.40 | 9.07 -0.09 -5.40 | 10.07 -0.12 -3.40 | 11.98 -0.15 -0.52 | 19.00 -0.45 -1.35 | 21.93 -0.67 -4.35 | 18.83 -0.47 -5.51 | 29.17 -1.24 -1.97 | 29.47 -1.30 -1.61 | 10.33 0.05 -11.44 | 14.76 -0.17 -7.13 | 24.88 -0.71 -0.31 | 18.37 -0.53 -3.58 | 21.19 -0.65 -2.96 | 21.50 -0.69 -2.92 | 15.92 -0.20 -4.43 | 16.88 -0.28 -3.98 | 14.17 -0.17 -4.74 | 18.80 -0.44 -0.39 | 39.71 -1.52 -0.53 |
| GREENIDGE___4 23583 | 9.19 -0.19 -0.58 | 12.81 -0.27 -0.40 | 9.58 -0.22 -0.86 | 8.89 -0.12 -3.97 | 8.10 -0.04 -6.40 | 9.07 -0.09 -5.40 | 10.06 -0.13 -3.40 | 11.97 -0.17 -0.52 | 18.95 -0.50 -1.35 | 21.85 -0.75 -4.35 | 18.77 -0.53 -5.51 | 29.06 -1.35 -1.97 | 29.36 -1.41 -1.61 | 10.34 0.05 -11.44 | 14.74 -0.19 -7.13 | 24.84 -0.75 -0.31 | 18.31 -0.59 -3.58 | 21.10 -0.75 -2.96 | 21.43 -0.76 -2.92 | 15.86 -0.26 -4.43 | 16.88 -0.29 -3.98 | 14.11 -0.24 -4.74 | 18.70 -0.54 -0.39 | 39.58 -1.65 -0.53 |
| HARZA MOOSE___RIVER 24016 | 8.87 0.14 0.08 | 12.83 0.20 0.06 | 8.97 0.15 0.12 | 4.56 0.08 0.57 | 0.86 0.03 0.91 | 3.04 0.06 0.77 | 6.41 0.10 0.49 | 11.71 0.17 0.07 | 18.22 0.31 0.19 | 17.97 0.34 0.62 | 13.17 0.17 0.79 | 28.64 0.48 0.28 | 29.51 0.57 0.23 | -2.80 -0.02 1.63 | 6.90 0.12 1.02 | 25.74 0.51 0.05 | 15.05 0.24 0.51 | 18.74 0.28 0.42 | 19.08 0.24 0.42 | 11.17 0.11 0.63 | 12.67 0.04 0.57 | 9.03 0.09 0.67 | 19.15 0.36 0.06 | 41.41 0.79 0.07 |
| HEMPSTEAD___ 23647 | 12.45 0.47 -3.17 | 15.52 0.66 -2.17 | 14.11 0.44 -4.73 | 27.05 0.24 -21.76 | 37.14 0.08 -35.32 | 33.54 0.17 -29.61 | 25.76 0.34 -18.62 | 33.19 0.69 -20.88 | 34.93 1.20 -15.63 | 45.06 1.27 -25.54 | 45.31 1.01 -30.51 | 41.33 2.09 -10.80 | 40.15 2.15 -8.84 | 62.17 -0.09 -63.42 | 47.41 0.50 -39.12 | 28.53 1.55 -1.70 | 35.98 1.03 -19.63 | 36.41 1.29 -16.23 | 36.69 1.39 -16.04 | 37.67 0.89 -25.10 | 37.53 1.04 -23.30 | 38.05 0.68 -27.76 | 22.26 1.14 -2.27 | 45.90 2.31 -2.89 |
| HICKLING___1 23621 | 9.72 0.15 -0.76 | 13.47 0.26 -0.52 | 10.22 0.14 -1.14 | 10.35 0.09 -5.22 | 10.26 0.03 -8.49 | 10.92 0.06 -7.11 | 11.41 0.15 -4.47 | 12.65 0.35 -0.68 | 20.41 0.54 -1.78 | 24.57 0.52 -5.79 | 21.57 0.43 -7.34 | 31.75 0.71 -2.59 | 31.98 0.69 -2.12 | 14.07 -0.04 -15.26 | 17.37 0.18 -9.39 | 26.18 0.50 -0.41 | 20.34 0.31 -4.71 | 23.19 0.41 -3.90 | 23.58 0.48 -3.85 | 18.13 0.37 -6.07 | 19.28 0.41 -5.68 | 16.65 0.27 -6.77 | 19.79 0.38 -0.55 | 41.96 0.57 -0.69 |
| HICKLING___2 23622 | 9.72 0.15 -0.76 | 13.47 0.26 -0.52 | 10.22 0.14 -1.14 | 10.35 0.09 -5.22 | 10.26 0.03 -8.49 | 10.93 0.06 -7.11 | 11.41 0.15 -4.47 | 12.65 0.35 -0.68 | 20.42 0.54 -1.78 | 24.57 0.53 -5.79 | 21.57 0.43 -7.34 | 31.75 0.72 -2.59 | 31.98 0.70 -2.12 | 14.07 -0.04 -15.26 | 17.37 0.18 -9.39 | 26.19 0.51 -0.41 | 20.34 0.31 -4.71 | 23.20 0.41 -3.90 | 23.59 0.48 -3.85 | 18.15 0.39 -6.07 | 19.28 0.41 -5.68 | 16.68 0.30 -6.77 | 19.79 0.38 -0.55 | 41.97 0.58 -0.69 |
| HIGH FALLS___HY 23754 | 12.59 0.51 -3.27 | 15.65 0.72 -2.24 | 14.33 0.50 -4.88 | 27.78 0.29 -22.46 | 38.26 0.10 -36.42 | 34.52 0.21 -30.56 | 26.34 0.32 -19.22 | 15.12 0.58 -2.92 | 26.67 0.93 -7.63 | 44.08 1.00 -24.83 | 46.05 0.81 -31.45 | 41.24 1.66 -11.15 | 39.92 1.64 -9.12 | 64.14 -0.07 -65.36 | 48.60 0.43 -40.36 | 28.40 1.37 -1.76 | 36.44 0.87 -20.25 | 36.69 1.05 -16.75 | 36.92 1.11 -16.55 | 38.24 0.75 -25.80 | 37.96 0.90 -23.87 | 38.68 0.64 -28.44 | 22.29 1.11 -2.32 | 46.03 2.34 -2.99 |
| HILLBURN___GT 23639 | 12.17 0.31 -3.05 | 15.22 0.44 -2.09 | 13.77 0.27 -4.55 | 26.11 0.15 -20.92 | 35.71 0.05 -33.92 | 32.33 0.10 -28.47 | 24.92 0.23 -17.90 | 14.81 0.47 -2.72 | 26.01 0.80 -7.11 | 42.22 0.85 -23.12 | 43.78 0.71 -29.28 | 40.22 1.40 -10.39 | 39.08 1.42 -8.49 | 59.64 -0.06 -60.86 | 45.74 0.33 -37.61 | 27.95 1.04 -1.64 | 34.91 0.72 -18.87 | 35.37 0.88 -15.61 | 35.65 0.97 -15.42 | 36.35 0.66 -24.00 | 36.17 0.82 -22.16 | 36.56 0.55 -26.40 | 21.91 0.90 -2.15 | 45.00 1.52 -2.78 |
| HOLTSVIL 1-5___GRP1 24031 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVIL6-10___GRP2 24032 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_1 23690 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_10 23699 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_2 23691 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|
| HOLTSVILLE_IC_3 23692 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_4 23693 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_5 23694 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_6 23695 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_7 23696 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_8 23697 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HOLTSVILLE_IC_9 23698 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| HQ_GEN_CEDARS 23644 | 8.89 0.17 0.09 | 12.87 0.24 0.06 | 9.00 0.18 0.13 | 4.55 0.10 0.59 | 0.83 0.04 0.95 | 3.03 0.08 0.81 | 6.33 0.04 0.51 | 11.62 0.08 0.08 | 18.17 0.27 0.20 | 17.96 0.36 0.65 | 13.18 0.20 0.82 | 28.84 0.69 0.29 | 29.72 0.79 0.24 | -2.87 -0.02 1.70 | 6.91 0.18 1.06 | 25.99 0.77 0.05 | 15.14 0.35 0.53 | 18.87 0.42 0.44 | 18.32 -0.50 0.44 | 10.13 -0.91 0.65 | 11.55 -1.08 0.57 | 8.17 -0.77 0.67 | 19.12 0.32 0.06 | 41.44 0.82 0.08 |
| HQ_GEN_CHAT DC 23651 | 8.66 -0.09 0.05 | 12.55 -0.11 0.04 | 8.79 -0.08 0.08 | 4.62 -0.04 0.37 | 1.10 -0.01 0.63 | 3.22 -0.03 0.51 | 6.40 -0.07 0.32 | 11.44 -0.13 0.05 | 17.78 -0.19 0.13 | 17.61 -0.21 0.43 | 13.08 -0.15 0.56 | 27.97 -0.29 0.18 | 28.70 -0.31 0.15 | -2.29 0.02 1.16 | 7.05 -0.08 0.67 | 25.02 -0.22 0.03 | 14.82 -0.17 0.33 | 18.39 -0.22 0.28 | 18.73 -0.26 0.27 | 10.96 -0.22 0.52 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 14.95 -0.08 12.11 | -498.16 0.00 531.53 |
| HUDAV+59+74_TH_GRP 23620 | 12.55 0.58 -3.17 | 15.66 0.80 -2.17 | 14.20 0.53 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.84 0.41 -18.63 | 15.28 0.82 -2.83 | 26.95 1.45 -7.40 | 43.90 1.56 -24.09 | 45.57 1.26 -30.52 | 41.86 2.61 -10.81 | 40.69 2.69 -8.84 | 62.17 -0.11 -63.44 | 47.55 0.62 -39.13 | 28.93 1.95 -1.70 | 36.23 1.28 -19.63 | 36.70 1.57 -16.24 | 36.98 1.68 -16.04 | 37.86 1.07 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.63 1.51 -2.27 | 46.40 2.81 -2.90 |
| HUDSON AVE_GT_3 23810 | 12.55 0.58 -3.17 | 15.66 0.80 -2.17 | 14.20 0.53 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.84 0.41 -18.63 | 15.28 0.82 -2.83 | 26.95 1.45 -7.40 | 43.90 1.56 -24.09 | 45.57 1.26 -30.52 | 41.86 2.61 -10.81 | 40.69 2.69 -8.84 | 62.17 -0.11 -63.44 | 47.55 0.62 -39.13 | 28.93 1.95 -1.70 | 36.23 1.28 -19.63 | 36.70 1.57 -16.24 | 36.98 1.68 -16.04 | 37.86 1.07 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.63 1.51 -2.27 | 46.40 2.81 -2.90 |
| HUDSON AVE_GT_4 23540 | 12.55 0.58 -3.17 | 15.66 0.80 -2.17 | 14.20 0.53 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.84 0.41 -18.63 | 15.28 0.82 -2.83 | 26.95 1.45 -7.40 | 43.90 1.56 -24.09 | 45.57 1.26 -30.52 | 41.86 2.61 -10.81 | 40.69 2.69 -8.84 | 62.17 -0.11 -63.44 | 47.55 0.62 -39.13 | 28.93 1.95 -1.70 | 36.23 1.28 -19.63 | 36.70 1.57 -16.24 | 36.98 1.68 -16.04 | 37.86 1.07 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.63 1.51 -2.27 | 46.40 2.81 -2.90 |
| HUDSON AVE_GT_5 23657 | 12.55 0.58 -3.17 | 15.66 0.80 -2.17 | 14.20 0.53 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.84 0.41 -18.63 | 15.28 0.82 -2.83 | 26.95 1.45 -7.40 | 43.90 1.56 -24.09 | 45.57 1.26 -30.52 | 41.86 2.61 -10.81 | 40.69 2.69 -8.84 | 62.17 -0.11 -63.44 | 47.55 0.62 -39.13 | 28.93 1.95 -1.70 | 36.23 1.28 -19.63 | 36.70 1.57 -16.24 | 36.98 1.68 -16.04 | 37.86 1.07 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.63 1.51 -2.27 | 46.40 2.81 -2.90 |
| HUDSON_AVE_10 24168 | 12.52 0.54 -3.17 | 15.61 0.75 -2.17 | 14.17 0.49 -4.73 | 27.08 0.27 -21.77 | 37.16 0.08 -35.33 | 33.56 0.18 -29.62 | 25.81 0.38 -18.63 | 15.23 0.78 -2.83 | 26.87 1.37 -7.40 | 43.82 1.47 -24.09 | 45.50 1.19 -30.52 | 41.72 2.47 -10.81 | 40.56 2.56 -8.84 | 62.18 -0.10 -63.44 | 47.51 0.59 -39.13 | 28.80 1.83 -1.70 | 36.16 1.21 -19.63 | 36.63 1.50 -16.24 | 36.90 1.60 -16.04 | 37.82 1.03 -25.10 | 37.65 1.16 -23.30 | 38.22 0.85 -27.76 | 22.44 1.32 -2.27 | 46.26 2.67 -2.90 |
| HUNTLEY___63 23557 | 8.92 -0.36 -0.47 | 12.47 -0.55 -0.32 | 9.24 -0.41 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.65 -0.39 -0.42 | 18.33 -0.87 -1.10 | 20.69 -1.14 -3.58 | 17.62 -0.70 -4.53 | 28.23 -1.82 -1.61 | 28.43 -2.05 -1.32 | 8.35 0.08 -9.42 | 13.22 -0.41 -5.83 | 24.32 -1.21 -0.25 | 17.66 -0.58 -2.92 | 20.59 -0.71 -2.42 | 20.95 -0.70 -2.39 | 15.10 -0.29 -3.71 | 16.45 -0.15 -3.41 | 13.53 -0.14 -4.06 | 18.71 -0.48 -0.33 | 39.52 -1.61 -0.43 |
| HUNTLEY___64 23558 | 8.92 -0.36 -0.47 | 12.47 -0.55 -0.32 | 9.24 -0.41 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.65 -0.39 -0.42 | 18.33 -0.87 -1.10 | 20.69 -1.14 -3.58 | 17.62 -0.70 -4.53 | 28.23 -1.82 -1.61 | 28.43 -2.05 -1.32 | 8.35 0.08 -9.42 | 13.22 -0.41 -5.83 | 24.32 -1.21 -0.25 | 17.66 -0.58 -2.92 | 20.59 -0.71 -2.42 | 20.95 -0.70 -2.39 | 15.10 -0.29 -3.71 | 16.45 -0.15 -3.41 | 13.53 -0.14 -4.06 | 18.71 -0.48 -0.33 | 39.52 -1.61 -0.43 |

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| HUNTLEY___65 23559 | 8.92 -0.36 -0.47 | 12.47 -0.55 -0.32 | 9.24 -0.41 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.65 -0.39 -0.42 | 18.33 -0.87 -1.10 | 20.69 -1.14 -3.58 | 17.62 -0.70 -4.53 | 28.23 -1.82 -1.61 | 28.43 -2.05 -1.32 | 8.35 0.08 -9.42 | 13.22 -0.41 -5.83 | 24.32 -1.21 -0.25 | 17.66 -0.58 -2.92 | 20.59 -0.71 -2.42 | 20.95 -0.70 -2.39 | 15.10 -0.29 -3.71 | 16.45 -0.15 -3.41 | 13.53 -0.14 -4.06 | 18.71 -0.48 -0.33 | 39.52 -1.61 -0.43 |
| HUNTLEY___66 23560 | 8.92 -0.36 -0.47 | 12.47 -0.55 -0.32 | 9.24 -0.41 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.65 -0.39 -0.42 | 18.33 -0.87 -1.10 | 20.69 -1.14 -3.58 | 17.62 -0.70 -4.53 | 28.23 -1.82 -1.61 | 28.43 -2.05 -1.32 | 8.35 0.08 -9.42 | 13.22 -0.41 -5.83 | 24.32 -1.21 -0.25 | 17.66 -0.58 -2.92 | 20.59 -0.71 -2.42 | 20.95 -0.70 -2.39 | 15.10 -0.29 -3.71 | 16.45 -0.15 -3.41 | 13.53 -0.14 -4.06 | 18.71 -0.48 -0.33 | 39.52 -1.61 -0.43 |
| HUNTLEY___67 23561 | 8.84 -0.44 -0.48 | 12.35 -0.66 -0.33 | 9.16 -0.49 -0.71 | 8.03 -0.27 -3.26 | 6.93 -0.09 -5.28 | 8.01 -0.18 -4.43 | 9.29 -0.30 -2.79 | 11.55 -0.49 -0.42 | 18.15 -1.06 -1.11 | 20.49 -1.36 -3.59 | 17.47 -0.87 -4.55 | 27.90 -2.15 -1.62 | 28.19 -2.30 -1.32 | 8.39 0.09 -9.46 | 13.17 -0.49 -5.86 | 24.00 -1.53 -0.25 | 17.49 -0.77 -2.94 | 20.36 -0.95 -2.43 | 20.74 -0.92 -2.40 | 14.98 -0.42 -3.72 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.52 -0.67 -0.33 | 39.16 -1.97 -0.43 |
| HUNTLEY___68 23562 | 8.84 -0.44 -0.48 | 12.35 -0.66 -0.33 | 9.16 -0.49 -0.71 | 8.02 -0.27 -3.26 | 6.93 -0.09 -5.28 | 8.01 -0.18 -4.43 | 9.29 -0.30 -2.79 | 11.55 -0.49 -0.42 | 18.15 -1.06 -1.11 | 20.49 -1.36 -3.59 | 17.47 -0.87 -4.55 | 27.90 -2.15 -1.62 | 28.19 -2.30 -1.32 | 8.39 0.09 -9.46 | 13.17 -0.49 -5.86 | 24.00 -1.53 -0.25 | 17.48 -0.77 -2.94 | 20.36 -0.95 -2.43 | 20.74 -0.92 -2.40 | 14.98 -0.42 -3.72 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.52 -0.67 -0.33 | 39.16 -1.97 -0.43 |
| INDECK___CORINTH 23802 | 13.94 0.44 -4.70 | 16.36 0.45 -3.22 | 16.27 0.32 -7.01 | 37.46 0.18 -32.24 | 54.18 0.09 -52.35 | 47.82 0.19 -43.87 | 34.59 0.20 -27.59 | 16.05 0.24 -4.20 | 29.61 0.55 -10.96 | 54.79 0.83 -35.70 | 59.59 0.56 -45.23 | 45.90 1.46 -16.00 | 44.30 2.05 -13.09 | 92.78 -0.08 -94.02 | 66.32 0.57 -57.95 | 29.15 1.35 -2.53 | 45.06 0.66 -29.07 | 43.85 0.91 -24.05 | 43.85 0.83 -23.76 | 49.36 0.41 -37.25 | 48.13 0.28 -34.66 | 51.17 0.26 -41.30 | 23.07 0.85 -3.37 | 47.62 2.63 -4.29 |
| INDECK___ILION 23567 | 8.81 0.21 0.20 | 12.84 0.29 0.14 | 8.85 0.21 0.30 | 3.77 0.12 1.39 | -0.50 0.04 2.29 | 1.96 0.09 1.89 | 5.77 0.16 1.19 | 11.71 0.27 0.18 | 18.11 0.48 0.47 | 17.24 0.56 1.57 | 12.24 0.44 1.99 | 28.64 0.89 0.69 | 29.53 0.93 0.56 | -5.34 -0.05 4.14 | 5.53 0.23 2.50 | 25.82 0.66 0.11 | 14.51 0.44 1.25 | 18.41 0.55 1.03 | 18.83 0.59 1.02 | 10.33 0.36 1.71 | 11.88 0.39 1.70 | 7.87 0.29 2.03 | 19.12 0.43 0.17 | 41.61 1.09 0.18 |
| INDECK___OLEAN 23982 | 9.73 0.40 -0.53 | 13.63 0.58 -0.36 | 10.11 0.37 -0.79 | 8.89 0.20 -3.65 | 7.74 0.07 -5.93 | 8.88 0.16 -4.96 | 10.27 0.35 -3.12 | 12.78 0.69 -0.48 | 20.46 1.12 -1.24 | 23.25 0.96 -4.05 | 19.65 0.73 -5.13 | 31.51 1.26 -1.81 | 31.86 1.22 -1.48 | 9.45 -0.06 -10.66 | 14.68 0.33 -6.55 | 26.65 1.09 -0.29 | 19.35 0.74 -3.29 | 22.50 0.89 -2.72 | 22.99 1.04 -2.69 | 16.57 0.64 -4.24 | 18.07 0.90 -3.98 | 14.93 0.58 -4.74 | 20.31 1.07 -0.39 | 43.23 2.05 -0.48 |
| INDECK___OSWEGO 23783 | 8.84 -0.17 -0.20 | 12.58 -0.25 -0.14 | 9.08 -0.17 -0.30 | 6.34 -0.09 -1.39 | 4.00 -0.03 -2.29 | 5.58 -0.07 -1.89 | 7.87 -0.12 -1.19 | 11.59 -0.21 -0.18 | 18.23 -0.35 -0.47 | 19.45 -0.37 -1.57 | 15.48 -0.31 -2.00 | 28.51 -0.63 -0.69 | 29.11 -0.62 -0.57 | 3.03 0.03 -4.15 | 10.13 -0.17 -2.50 | 24.89 -0.49 -0.11 | 16.26 -0.31 -1.26 | 19.55 -0.38 -1.04 | 19.89 -0.40 -1.03 | 13.17 -0.23 -1.72 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.64 -0.38 -0.17 | 40.15 -0.73 -0.18 |
| INDECK___YERKES 23781 | 8.91 -0.37 -0.47 | 12.46 -0.56 -0.32 | 9.23 -0.42 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.02 -0.15 -4.41 | 9.33 -0.24 -2.77 | 11.64 -0.40 -0.42 | 18.31 -0.89 -1.10 | 20.67 -1.16 -3.58 | 17.61 -0.72 -4.53 | 28.20 -1.85 -1.61 | 28.40 -2.08 -1.32 | 8.35 0.08 -9.42 | 13.21 -0.41 -5.83 | 24.30 -1.23 -0.25 | 17.65 -0.60 -2.92 | 20.58 -0.73 -2.42 | 20.93 -0.72 -2.39 | 15.10 -0.30 -3.71 | 16.45 -0.15 -3.41 | 13.51 -0.16 -4.06 | 18.71 -0.48 -0.33 | 39.49 -1.64 -0.43 |
| INDIAN POINT_GT_1 24139 | 12.38 0.43 -3.14 | 15.45 0.61 -2.15 | 14.02 0.39 -4.69 | 26.81 0.22 -21.56 | 36.84 0.07 -35.02 | 33.24 0.15 -29.34 | 25.55 0.31 -18.45 | 15.06 0.63 -2.81 | 26.54 1.11 -7.33 | 43.34 1.19 -23.89 | 45.02 0.96 -30.27 | 41.12 1.98 -10.70 | 39.95 2.04 -8.75 | 61.67 -0.09 -62.92 | 47.01 0.46 -38.75 | 28.41 1.45 -1.69 | 35.73 0.97 -19.44 | 36.16 1.19 -16.08 | 36.43 1.29 -15.89 | 37.48 0.82 -24.97 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.23 1.11 -2.27 | 45.63 2.07 -2.87 |
| INDIAN POINT_GT_2 23659 | 12.38 0.43 -3.14 | 15.45 0.61 -2.15 | 14.02 0.39 -4.69 | 26.81 0.22 -21.56 | 36.84 0.07 -35.02 | 33.24 0.15 -29.34 | 25.55 0.31 -18.45 | 15.06 0.63 -2.81 | 26.54 1.11 -7.33 | 43.34 1.19 -23.89 | 45.02 0.96 -30.27 | 41.12 1.98 -10.70 | 39.95 2.04 -8.75 | 61.67 -0.09 -62.92 | 47.01 0.46 -38.75 | 28.41 1.45 -1.69 | 35.73 0.97 -19.44 | 36.16 1.19 -16.08 | 36.43 1.29 -15.89 | 37.48 0.82 -24.97 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.23 1.11 -2.27 | 45.63 2.07 -2.87 |
| INDIAN POINT_GT_3 24019 | 12.38 0.43 -3.14 | 15.45 0.61 -2.15 | 14.02 0.39 -4.69 | 26.79 0.22 -21.54 | 36.81 0.07 -34.99 | 33.22 0.15 -29.31 | 25.54 0.31 -18.43 | 15.05 0.63 -2.80 | 26.53 1.11 -7.32 | 43.32 1.19 -23.87 | 45.00 0.96 -30.25 | 41.11 1.98 -10.69 | 39.94 2.04 -8.74 | 61.63 -0.09 -62.87 | 46.98 0.46 -38.72 | 28.41 1.45 -1.69 | 35.71 0.97 -19.42 | 36.14 1.19 -16.07 | 36.42 1.29 -15.87 | 37.47 0.82 -24.96 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.23 1.11 -2.27 | 45.63 2.07 -2.86 |
| INDIAN POINT___2 23530 | 12.29 0.37 -3.11 | 15.35 0.52 -2.13 | 13.93 0.34 -4.65 | 26.59 0.18 -21.36 | 36.45 0.06 -34.65 | 32.95 0.13 -29.07 | 25.34 0.27 -18.28 | 14.96 0.56 -2.78 | 26.35 0.99 -7.26 | 42.94 1.07 -23.62 | 44.59 0.87 -29.92 | 40.83 1.79 -10.60 | 39.68 1.84 -8.67 | 60.96 -0.07 -62.19 | 46.61 0.41 -38.40 | 28.23 1.29 -1.67 | 35.45 0.87 -19.26 | 35.89 1.07 -15.93 | 36.16 1.16 -15.74 | 36.96 0.71 -24.56 | 36.78 0.87 -22.73 | 37.30 0.61 -27.08 | 21.98 0.92 -2.21 | 45.39 1.86 -2.84 |
| INDIAN POINT___3 23531 | 12.32 0.37 -3.15 | 15.36 0.51 -2.15 | 13.97 0.33 -4.70 | 26.82 0.18 -21.61 | 36.89 0.06 -35.09 | 33.28 0.12 -29.40 | 25.54 0.26 -18.49 | 14.97 0.54 -2.81 | 26.41 0.97 -7.34 | 43.23 1.04 -23.93 | 44.97 0.85 -30.33 | 40.90 1.74 -10.72 | 39.73 1.79 -8.77 | 61.80 -0.08 -63.03 | 47.03 0.40 -38.83 | 28.21 1.25 -1.69 | 35.65 0.84 -19.48 | 36.04 1.03 -16.12 | 36.31 1.13 -15.92 | 37.40 0.71 -25.00 | 37.35 0.87 -23.30 | 37.91 0.54 -27.76 | 22.03 0.91 -2.27 | 45.36 1.79 -2.87 |
| INDIAN PT_GT_GRP 23687 | 12.38 0.43 -3.14 | 15.45 0.61 -2.15 | 14.02 0.39 -4.69 | 26.81 0.22 -21.56 | 36.84 0.07 -35.02 | 33.24 0.15 -29.34 | 25.55 0.31 -18.45 | 15.06 0.63 -2.81 | 26.54 1.11 -7.33 | 43.34 1.19 -23.89 | 45.02 0.96 -30.27 | 41.12 1.98 -10.70 | 39.95 2.04 -8.75 | 61.67 -0.09 -62.92 | 47.01 0.46 -38.75 | 28.41 1.45 -1.69 | 35.73 0.97 -19.44 | 36.16 1.19 -16.08 | 36.43 1.29 -15.89 | 37.48 0.82 -24.97 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.23 1.11 -2.27 | 45.63 2.07 -2.87 |
| IP CORINTH___1 23988 | 13.94 0.44 -4.70 | 16.36 0.45 -3.22 | 16.27 0.32 -7.01 | 37.46 0.18 -32.24 | 54.18 0.09 -52.35 | 47.82 0.19 -43.87 | 34.59 0.20 -27.59 | 16.05 0.24 -4.20 | 29.61 0.55 -10.96 | 54.79 0.83 -35.70 | 59.59 0.56 -45.23 | 45.90 1.46 -16.00 | 44.30 2.05 -13.09 | 92.78 -0.08 -94.02 | 66.32 0.57 -57.95 | 29.15 1.35 -2.53 | 45.06 0.66 -29.07 | 43.85 0.91 -24.05 | 43.85 0.83 -23.76 | 49.36 0.41 -37.25 | 48.13 0.28 -34.66 | 51.17 0.26 -41.30 | 23.07 0.85 -3.37 | 47.62 2.63 -4.29 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| IP CORINTH___2 23637 | 13.94 0.44 -4.70 | 16.36 0.45 -3.22 | 16.27 0.32 -7.01 | 37.46 0.18 -32.24 | 54.18 0.09 -52.35 | 47.82 0.19 -43.87 | 34.59 0.20 -27.59 | 16.05 0.24 -4.20 | 29.61 0.55 -10.96 | 54.79 0.83 -35.70 | 59.59 0.56 -45.23 | 45.90 1.46 -16.00 | 44.30 2.05 -13.09 | 92.78 -0.08 -94.02 | 66.32 0.57 -57.95 | 29.15 1.35 -2.53 | 45.06 0.66 -29.07 | 43.85 0.91 -24.05 | 43.85 0.83 -23.76 | 49.36 0.41 -37.25 | 48.13 0.28 -34.66 | 51.17 0.26 -41.30 | 23.07 0.85 -3.37 | 47.62 2.63 -4.29 |
| IP___TICONDEROGA 23804 | 14.01 0.75 -4.45 | 16.72 0.99 -3.05 | 16.24 0.66 -6.64 | 35.98 0.37 -30.57 | 51.53 0.14 -49.64 | 45.62 0.27 -41.59 | 33.36 0.41 -26.15 | 16.18 0.58 -3.98 | 29.61 1.12 -10.39 | 53.52 1.41 -33.86 | 57.69 0.99 -42.90 | 45.97 2.36 -15.17 | 44.43 2.86 -12.41 | 87.90 -0.12 -89.17 | 63.54 0.80 -54.94 | 29.64 1.98 -2.39 | 43.93 1.05 -27.56 | 43.13 1.44 -22.80 | 43.20 1.42 -22.52 | 47.75 0.70 -35.37 | 46.75 0.60 -32.95 | 49.36 0.49 -39.27 | 23.34 1.28 -3.20 | 49.11 4.35 -4.07 |
| JARVIS____ 23743 | 8.66 0.06 0.20 | 12.63 0.08 0.14 | 8.70 0.06 0.30 | 3.68 0.03 1.39 | -0.53 0.01 2.29 | 1.89 0.03 1.89 | 5.65 0.04 1.19 | 11.51 0.08 0.18 | 17.76 0.13 0.47 | 16.83 0.15 1.57 | 11.92 0.12 1.99 | 27.98 0.23 0.69 | 28.84 0.24 0.56 | -5.30 -0.01 4.14 | 5.36 0.06 2.50 | 25.33 0.17 0.11 | 14.19 0.12 1.25 | 18.00 0.15 1.03 | 18.40 0.16 1.02 | 10.08 0.11 1.71 | 11.62 0.13 1.70 | 7.67 0.09 2.03 | 18.88 0.19 0.17 | 40.84 0.33 0.18 |
| JENNISON___1 23625 | 10.39 0.55 -1.03 | 14.19 0.79 -0.71 | 11.02 0.54 -1.54 | 12.44 0.31 -7.09 | 13.32 0.10 -11.48 | 13.61 0.21 -9.65 | 13.25 0.39 -6.07 | 13.24 0.70 -0.92 | 21.58 1.07 -2.41 | 27.20 1.14 -7.82 | 24.57 0.88 -9.90 | 33.75 1.79 -3.52 | 33.87 1.83 -2.88 | 19.34 -0.08 -20.57 | 21.04 0.50 -12.74 | 27.39 1.56 -0.56 | 22.65 0.94 -6.39 | 25.37 1.20 -5.29 | 25.72 1.24 -5.22 | 20.55 0.79 -8.07 | 21.47 0.90 -7.38 | 19.05 0.64 -8.80 | 20.73 1.15 -0.72 | 43.98 2.34 -0.94 |
| JENNISON___2 23626 | 10.38 0.54 -1.03 | 14.18 0.78 -0.71 | 11.01 0.53 -1.54 | 12.44 0.31 -7.09 | 13.32 0.10 -11.48 | 13.61 0.20 -9.65 | 13.24 0.38 -6.07 | 13.23 0.69 -0.92 | 21.56 1.05 -2.41 | 27.18 1.12 -7.82 | 24.55 0.86 -9.90 | 33.72 1.76 -3.52 | 33.83 1.79 -2.88 | 19.34 -0.08 -20.57 | 21.03 0.49 -12.74 | 27.36 1.53 -0.56 | 22.63 0.92 -6.39 | 25.35 1.17 -5.29 | 25.69 1.21 -5.22 | 20.54 0.79 -8.07 | 21.45 0.87 -7.38 | 19.04 0.64 -8.80 | 20.73 1.15 -0.72 | 43.95 2.31 -0.94 |
| KENSICO____ 23655 | 12.46 0.49 -3.17 | 15.55 0.69 -2.17 | 14.12 0.45 -4.73 | 27.02 0.25 -21.73 | 37.10 0.08 -35.28 | 33.51 0.17 -29.57 | 25.75 0.35 -18.60 | 15.16 0.71 -2.83 | 26.73 1.25 -7.39 | 43.64 1.33 -24.06 | 45.35 1.08 -30.48 | 41.45 2.22 -10.79 | 40.27 2.29 -8.82 | 62.10 -0.09 -63.35 | 47.39 0.53 -39.07 | 28.62 1.64 -1.70 | 36.00 1.09 -19.60 | 36.44 1.34 -16.21 | 36.72 1.44 -16.02 | 37.70 0.94 -25.08 | 37.53 1.04 -23.30 | 38.12 0.75 -27.76 | 22.40 1.28 -2.27 | 45.98 2.39 -2.89 |
| KIAC_JFK_AIRPORT 23541 | 12.54 0.56 -3.17 | 15.62 0.76 -2.17 | 14.18 0.50 -4.73 | 27.09 0.28 -21.77 | 37.16 0.09 -35.33 | 33.57 0.19 -29.62 | 25.81 0.39 -18.63 | 15.25 0.80 -2.83 | 26.91 1.41 -7.40 | 43.84 1.50 -24.09 | 45.52 1.20 -30.52 | 41.77 2.52 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.85 1.87 -1.70 | 36.20 1.25 -19.63 | 36.70 1.57 -16.24 | 36.96 1.66 -16.04 | 37.85 1.07 -25.10 | 37.77 1.28 -23.30 | 38.23 0.86 -27.76 | 22.61 1.49 -2.27 | 46.33 2.74 -2.90 |
| KINTIGH____ 23543 | 8.67 -0.54 -0.40 | 12.23 -0.73 -0.27 | 8.98 -0.56 -0.59 | 7.47 -0.30 -2.73 | 6.06 -0.10 -4.42 | 7.27 -0.20 -3.72 | 8.80 -0.33 -2.34 | 11.42 -0.55 -0.36 | 17.90 -1.13 -0.93 | 19.83 -1.43 -3.01 | 16.64 -0.96 -3.81 | 27.40 -2.39 -1.36 | 27.74 -2.53 -1.11 | 6.86 0.09 -7.92 | 12.11 -0.59 -4.91 | 23.56 -1.93 -0.21 | 16.76 -1.02 -2.46 | 19.70 -1.22 -2.04 | 20.09 -1.18 -2.01 | 14.19 -0.60 -3.11 | 15.48 -0.56 -2.84 | 12.57 -0.43 -3.38 | 18.14 -0.99 -0.28 | 38.59 -2.47 -0.36 |
| LEDERLE____ 23769 | 12.23 0.36 -3.07 | 15.29 0.51 -2.10 | 13.83 0.31 -4.57 | 26.23 0.17 -21.02 | 35.95 0.05 -34.15 | 32.48 0.12 -28.61 | 25.03 0.25 -17.99 | 14.87 0.52 -2.74 | 26.14 0.90 -7.14 | 42.49 0.94 -23.30 | 44.09 0.78 -29.52 | 40.45 1.57 -10.44 | 39.31 1.62 -8.53 | 60.14 -0.07 -61.36 | 45.97 0.38 -37.79 | 28.14 1.22 -1.65 | 35.11 0.83 -18.96 | 35.58 1.01 -15.68 | 35.86 1.11 -15.50 | 36.82 0.77 -24.36 | 36.78 0.86 -22.73 | 37.36 0.67 -27.08 | 22.13 1.07 -2.21 | 45.31 1.82 -2.80 |
| LINDEN COGEN____ 23786 | 12.51 0.53 -3.17 | 15.60 0.74 -2.17 | 14.16 0.48 -4.73 | 27.07 0.26 -21.77 | 37.16 0.08 -35.33 | 33.56 0.18 -29.62 | 25.80 0.38 -18.63 | 15.22 0.77 -2.83 | 26.85 1.35 -7.40 | 43.80 1.46 -24.09 | 45.49 1.17 -30.52 | 41.68 2.44 -10.81 | 40.52 2.52 -8.84 | 62.18 -0.10 -63.44 | 47.50 0.57 -39.13 | 28.76 1.79 -1.70 | 36.14 1.19 -19.63 | 36.58 1.45 -16.24 | 36.86 1.56 -16.04 | 37.76 0.97 -25.10 | 37.65 1.16 -23.30 | 38.12 0.75 -27.76 | 22.44 1.32 -2.27 | 46.14 2.55 -2.90 |
| LIPA_MISC_IPP 23656 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| LITTLE FALLS___HYD 24013 | 9.04 0.43 0.20 | 13.14 0.59 0.14 | 9.07 0.43 0.30 | 3.89 0.24 1.39 | -0.45 0.09 2.29 | 2.06 0.19 1.89 | 5.94 0.33 1.19 | 11.99 0.56 0.18 | 18.64 1.01 0.47 | 17.87 1.19 1.57 | 12.74 0.94 1.99 | 29.66 1.90 0.69 | 30.57 1.97 0.56 | -5.39 -0.09 4.14 | 5.80 0.50 2.50 | 26.52 1.36 0.11 | 14.99 0.93 1.25 | 19.03 1.18 1.03 | 19.51 1.27 1.02 | 10.78 0.80 1.71 | 12.41 0.92 1.70 | 8.22 0.64 2.03 | 19.65 0.96 0.17 | 42.63 2.12 0.18 |
| LONG_LAKE_PHOENIX 24014 | 8.86 -0.16 -0.21 | 12.60 -0.23 -0.14 | 9.10 -0.16 -0.32 | 6.40 -0.09 -1.45 | 4.10 -0.03 -2.38 | 5.67 -0.07 -1.98 | 7.93 -0.11 -1.24 | 11.62 -0.19 -0.19 | 18.28 -0.32 -0.49 | 19.54 -0.34 -1.63 | 15.57 -0.29 -2.07 | 28.58 -0.58 -0.72 | 29.18 -0.57 -0.59 | 3.17 0.03 -4.30 | 10.25 -0.16 -2.61 | 24.92 -0.46 -0.11 | 16.34 -0.29 -1.31 | 19.63 -0.35 -1.09 | 19.97 -0.36 -1.07 | 13.22 -0.22 -1.75 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.65 -0.37 -0.17 | 40.21 -0.68 -0.19 |
| LOVETT___3 23632 | 12.26 0.38 -3.08 | 15.33 0.54 -2.10 | 13.87 0.33 -4.59 | 26.32 0.18 -21.10 | 36.07 0.06 -34.27 | 32.60 0.13 -28.71 | 25.11 0.26 -18.06 | 14.89 0.53 -2.75 | 26.18 0.90 -7.17 | 42.56 0.94 -23.37 | 44.17 0.76 -29.61 | 40.47 1.56 -10.47 | 39.34 1.61 -8.57 | 60.33 -0.07 -61.56 | 46.10 0.37 -37.93 | 28.15 1.22 -1.65 | 35.18 0.83 -19.03 | 35.63 1.00 -15.74 | 35.90 1.09 -15.55 | 36.81 0.72 -24.41 | 36.82 0.90 -22.73 | 37.36 0.67 -27.08 | 22.20 1.13 -2.21 | 45.38 1.88 -2.81 |
| LOVETT___4 23642 | 12.26 0.38 -3.08 | 15.32 0.53 -2.11 | 13.86 0.33 -4.59 | 26.33 0.18 -21.11 | 36.08 0.05 -34.28 | 32.61 0.12 -28.73 | 25.12 0.25 -18.07 | 14.89 0.52 -2.75 | 26.17 0.89 -7.17 | 42.56 0.93 -23.38 | 44.17 0.75 -29.63 | 40.45 1.53 -10.48 | 39.33 1.59 -8.57 | 60.35 -0.07 -61.58 | 46.12 0.37 -37.95 | 28.13 1.21 -1.65 | 35.18 0.82 -19.04 | 35.63 0.99 -15.75 | 35.89 1.08 -15.56 | 36.79 0.69 -24.41 | 36.82 0.90 -22.73 | 37.36 0.67 -27.08 | 22.20 1.13 -2.21 | 45.37 1.86 -2.81 |
| LOVETT___5 23593 | 12.27 0.38 -3.08 | 15.33 0.54 -2.11 | 13.87 0.34 -4.59 | 26.34 0.18 -21.11 | 36.08 0.06 -34.28 | 32.61 0.13 -28.73 | 25.12 0.26 -18.07 | 14.90 0.53 -2.75 | 26.18 0.91 -7.17 | 42.57 0.94 -23.38 | 44.18 0.77 -29.63 | 40.48 1.56 -10.48 | 39.36 1.62 -8.57 | 60.35 -0.07 -61.58 | 46.12 0.38 -37.95 | 28.15 1.23 -1.65 | 35.19 0.84 -19.04 | 35.65 1.01 -15.75 | 35.91 1.10 -15.56 | 36.83 0.73 -24.41 | 36.82 0.90 -22.73 | 37.36 0.67 -27.08 | 22.20 1.13 -2.21 | 45.39 1.88 -2.81 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------|
| LOWER RAQUET___HYD 24057 | 8.55 -0.19 0.07 | 12.38 -0.26 0.05 | 8.67 -0.17 0.11 | 4.45 -0.10 0.49 | 0.91 -0.03 0.80 | 3.02 -0.07 0.67 | 6.22 -0.16 0.42 | 11.26 -0.29 0.06 | 17.55 -0.39 0.17 | 17.34 -0.37 0.55 | 12.74 -0.36 0.69 | 27.62 -0.58 0.24 | 28.42 -0.54 0.20 | -2.57 0.03 1.44 | 6.75 -0.17 0.88 | 24.81 -0.42 0.04 | 14.51 -0.37 0.44 | 18.07 -0.46 0.36 | 18.28 -0.62 0.36 | 10.62 -0.48 0.59 | 11.97 -0.66 0.57 | 8.51 -0.43 0.67 | 18.39 -0.40 0.06 | 39.85 -0.79 0.06 |
| LOWER___HUDSON 24059 | 13.89 0.58 -4.51 | 16.56 0.79 -3.08 | 16.27 0.60 -6.72 | 36.30 0.34 -30.92 | 52.03 0.13 -50.16 | 46.09 0.26 -42.07 | 33.66 0.40 -26.46 | 16.22 0.58 -4.03 | 29.62 1.01 -10.51 | 53.69 1.24 -34.20 | 57.95 0.84 -43.32 | 45.77 1.98 -15.35 | 43.87 2.15 -12.55 | 88.80 -0.08 -90.04 | 63.95 0.57 -55.57 | 29.40 1.70 -2.42 | 44.13 0.93 -27.88 | 43.14 1.19 -23.06 | 43.15 1.11 -22.79 | 47.83 0.56 -35.58 | 46.66 0.51 -32.95 | 49.30 0.43 -39.27 | 23.13 1.07 -3.20 | 47.64 2.83 -4.11 |
| MEDINA___POWER 24015 | 9.72 0.40 -0.52 | 13.62 0.58 -0.35 | 10.08 0.37 -0.77 | 8.79 0.20 -3.55 | 7.60 0.07 -5.79 | 8.75 0.16 -4.83 | 10.18 0.35 -3.04 | 12.77 0.69 -0.46 | 20.43 1.12 -1.21 | 23.16 0.96 -3.95 | 19.54 0.73 -5.01 | 31.46 1.26 -1.76 | 31.82 1.22 -1.44 | 9.21 -0.06 -10.42 | 14.51 0.33 -6.38 | 26.64 1.09 -0.28 | 19.26 0.74 -3.20 | 22.43 0.89 -2.65 | 22.91 1.04 -2.62 | 16.51 0.64 -4.18 | 18.07 0.90 -3.98 | 14.93 0.58 -4.74 | 20.31 1.07 -0.39 | 43.22 2.05 -0.47 |
| MG INDUSTRY___DRP 24185 | 13.69 0.53 -4.36 | 16.42 0.75 -2.98 | 16.01 0.56 -6.50 | 35.28 0.32 -29.92 | 50.39 0.11 -48.54 | 44.70 0.22 -40.72 | 32.72 0.31 -25.61 | 16.00 0.49 -3.90 | 29.14 0.87 -10.17 | 52.40 1.05 -33.09 | 56.42 0.71 -41.91 | 45.02 1.73 -14.85 | 43.11 1.80 -12.15 | 85.89 -0.07 -87.11 | 62.03 0.44 -53.79 | 29.06 1.44 -2.34 | 43.08 0.77 -26.98 | 42.19 0.98 -22.32 | 42.21 0.90 -22.05 | 46.53 0.44 -34.40 | 45.39 0.38 -31.82 | 47.88 0.35 -37.92 | 22.82 0.87 -3.09 | 46.85 2.17 -3.98 |
| MILLIKEN___1 23584 | 9.41 0.11 -0.50 | 13.11 0.08 -0.34 | 9.74 0.06 -0.74 | 8.45 0.00 -3.40 | 7.21 -0.02 -5.49 | 8.27 -0.12 -4.63 | 9.51 -0.20 -2.91 | 11.74 -0.32 -0.44 | 18.25 -1.00 -1.16 | 20.80 -1.18 -3.74 | 17.69 -0.83 -4.73 | 28.38 -1.76 -1.69 | 28.77 -1.78 -1.38 | 8.75 0.09 -9.82 | 13.84 -0.08 -6.12 | 24.70 -0.84 -0.27 | 17.58 -0.81 -3.07 | 20.40 -1.03 -2.54 | 20.73 -1.03 -2.51 | 15.17 -0.32 -3.80 | 15.99 -0.61 -3.41 | 13.28 -0.39 -4.06 | 18.52 -0.67 -0.33 | 38.50 -2.65 -0.45 |
| MILLIKEN___2 23585 | 9.37 0.07 -0.50 | 13.05 0.02 -0.34 | 9.70 0.02 -0.74 | 8.42 -0.02 -3.40 | 7.21 -0.03 -5.49 | 8.26 -0.13 -4.63 | 9.50 -0.21 -2.91 | 11.73 -0.33 -0.44 | 18.24 -1.02 -1.16 | 20.79 -1.19 -3.74 | 17.68 -0.84 -4.73 | 28.37 -1.76 -1.69 | 28.76 -1.79 -1.38 | 8.75 0.09 -9.82 | 13.83 -0.08 -6.12 | 24.68 -0.86 -0.27 | 17.57 -0.82 -3.07 | 20.39 -1.03 -2.54 | 20.73 -1.04 -2.51 | 15.17 -0.32 -3.80 | 15.99 -0.61 -3.41 | 13.28 -0.39 -4.06 | 18.49 -0.69 -0.33 | 38.43 -2.72 -0.45 |
| MILLIKEN___DIESEL 23629 | 9.37 0.07 -0.50 | 13.05 0.02 -0.34 | 9.70 0.02 -0.74 | 8.42 -0.02 -3.40 | 7.21 -0.03 -5.49 | 8.26 -0.13 -4.63 | 9.50 -0.21 -2.91 | 11.73 -0.33 -0.44 | 18.24 -1.02 -1.16 | 20.79 -1.19 -3.74 | 17.68 -0.84 -4.73 | 28.37 -1.76 -1.69 | 28.76 -1.79 -1.38 | 8.75 0.09 -9.82 | 13.83 -0.08 -6.12 | 24.68 -0.86 -0.27 | 17.57 -0.82 -3.07 | 20.39 -1.03 -2.54 | 20.73 -1.04 -2.51 | 15.17 -0.32 -3.80 | 15.99 -0.61 -3.41 | 13.28 -0.39 -4.06 | 18.49 -0.69 -0.33 | 38.43 -2.72 -0.45 |
| MODEL_CITY_ENERGY 24167 | 8.80 -0.47 -0.46 | 12.30 -0.70 -0.32 | 9.11 -0.52 -0.69 | 7.92 -0.29 -3.17 | 6.80 -0.09 -5.14 | 7.87 -0.20 -4.31 | 9.18 -0.32 -2.71 | 11.48 -0.55 -0.41 | 18.02 -1.16 -1.08 | 20.33 -1.43 -3.51 | 17.32 -0.91 -4.44 | 27.81 -2.21 -1.57 | 28.12 -2.33 -1.29 | 8.17 0.09 -9.24 | 12.98 -0.51 -5.69 | 23.94 -1.58 -0.25 | 17.37 -0.80 -2.86 | 20.27 -0.98 -2.36 | 20.64 -0.95 -2.33 | 14.92 -0.43 -3.66 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.51 -0.67 -0.33 | 39.06 -2.06 -0.42 |
| MOHAWK_PAPER___DRP 24187 | 14.00 0.65 -4.54 | 16.71 0.91 -3.11 | 16.41 0.69 -6.77 | 36.59 0.39 -31.15 | 52.47 0.14 -50.59 | 46.44 0.29 -42.39 | 33.92 0.46 -26.66 | 16.39 0.71 -4.06 | 29.91 1.22 -10.59 | 54.18 1.43 -34.51 | 58.49 0.98 -43.72 | 46.18 2.28 -15.47 | 44.20 2.39 -12.65 | 89.61 -0.09 -90.86 | 64.42 0.62 -56.00 | 29.68 1.96 -2.44 | 44.50 1.09 -28.09 | 43.50 1.38 -23.24 | 43.51 1.29 -22.96 | 48.38 0.68 -36.01 | 47.37 0.65 -33.52 | 50.08 0.53 -39.95 | 23.38 1.27 -3.26 | 47.94 3.10 -4.14 |
| MONGAUP___HYD 23641 | 11.96 0.25 -2.90 | 15.04 0.37 -1.99 | 13.50 0.23 -4.33 | 25.08 0.12 -19.92 | 34.15 0.04 -32.36 | 30.95 0.09 -27.10 | 24.03 0.19 -17.04 | 14.60 0.39 -2.59 | 25.53 0.66 -6.77 | 41.02 0.69 -22.08 | 42.35 0.58 -27.98 | 39.47 1.14 -9.89 | 38.40 1.15 -8.08 | 56.95 -0.05 -58.16 | 43.87 0.27 -35.80 | 27.66 0.82 -1.56 | 33.86 0.58 -17.96 | 34.45 0.71 -14.86 | 34.73 0.79 -14.68 | 35.34 0.54 -23.11 | 35.46 0.68 -21.59 | 35.78 0.45 -25.73 | 21.67 0.72 -2.10 | 44.55 1.21 -2.65 |
| MONTAUK___DIESEL 23721 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| N SALMON___HYD 24042 | 8.60 -0.12 0.09 | 12.44 -0.19 0.06 | 8.70 -0.12 0.13 | 4.38 -0.07 0.59 | 0.78 -0.02 0.94 | 2.91 -0.05 0.80 | 6.20 -0.09 0.50 | 11.39 -0.15 0.08 | 17.67 -0.24 0.20 | 17.37 -0.24 0.64 | 12.71 -0.27 0.81 | 27.69 -0.46 0.29 | 28.52 -0.41 0.24 | -2.81 0.02 1.68 | 6.61 -0.13 1.05 | 24.91 -0.31 0.05 | 14.54 -0.25 0.53 | 18.16 -0.30 0.44 | 18.49 -0.34 0.43 | 10.82 -0.23 0.64 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.59 -0.21 0.06 | 40.23 -0.39 0.08 |
| N.E._GEN_SANDY PD 24062 | 13.19 0.34 -4.05 | 15.92 0.46 -2.77 | 15.32 0.34 -6.03 | 32.99 0.19 -27.76 | 46.87 0.07 -45.06 | 41.67 0.14 -37.78 | 30.77 0.22 -23.76 | 15.57 0.34 -3.61 | 28.15 0.61 -9.44 | 49.74 0.76 -30.73 | 53.25 0.53 -38.93 | 43.45 1.23 -13.78 | 41.76 1.33 -11.27 | 79.69 -0.05 -80.90 | 58.03 0.33 -49.90 | 28.41 0.96 -2.17 | 40.90 0.54 -25.03 | 40.30 0.70 -20.71 | 40.39 0.67 -20.46 | 44.05 0.35 -32.02 | 43.25 0.33 -29.73 | 45.30 0.29 -35.40 | 23.01 1.57 5.70 | -496.29 1.87 531.53 |
| NARROWS_GT1_1 24228 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_2 24229 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_3 24230 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |

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|---------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| NARROWS_GT1_4 24231 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_5 24232 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_6 24233 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_7 24234 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_8 24235 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT1_GRP 23726 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_1 24236 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_2 24237 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_3 24238 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_4 24239 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_5 24240 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_6 24241 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_7 24242 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_8 24243 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NARROWS_GT2_GRP 23741 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NEG CAPITAL___MECHNVIL 23645 | 13.92 0.58 -4.53 | 16.58 0.79 -3.10 | 16.31 0.60 -6.76 | 36.48 0.34 -31.10 | 52.38 0.13 -50.50 | 46.34 0.26 -42.32 | 33.81 0.40 -26.61 | 16.25 0.58 -4.05 | 29.68 1.01 -10.57 | 53.94 1.24 -34.45 | 58.28 0.84 -43.65 | 45.86 1.98 -15.44 | 43.94 2.15 -12.62 | 89.49 -0.08 -90.72 | 64.27 0.57 -55.89 | 29.41 1.70 -2.44 | 44.30 0.93 -28.04 | 43.28 1.19 -23.20 | 43.28 1.11 -22.92 | 48.23 0.56 -35.98 | 47.23 0.51 -33.52 | 49.39 0.43 -39.36 | 23.13 1.07 -3.20 | 47.67 2.83 -4.14 |

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|-------------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NEG CENTRAL_HIGH_ACRES 23767 | 8.65 -0.50 -0.34 | 12.05 -0.88 -0.24 | 8.87 -0.59 -0.51 | 7.00 -0.40 -2.36 | 5.41 -0.14 -3.80 | 6.68 -0.29 -3.21 | 8.34 -0.48 -2.02 | 11.13 -0.80 -0.31 | 17.45 -1.45 -0.80 | 19.09 -1.74 -2.58 | 15.88 -1.18 -3.26 | 27.14 -2.47 -1.17 | 27.50 -2.62 -0.96 | 5.74 0.12 -6.77 | 11.54 -0.50 -4.24 | 23.91 -1.55 -0.18 | 16.65 -0.80 -2.13 | 19.56 -1.09 -1.76 | 19.95 -1.05 -1.74 | 13.85 -0.43 -2.59 | 15.08 -0.38 -2.27 | 12.01 -0.31 -2.71 | 18.13 -0.94 -0.22 | 38.01 -3.00 -0.31 |
| NEG CENTRAL___DRP 24199 | 9.00 -0.18 -0.37 | 12.68 -0.27 -0.26 | 9.30 -0.20 -0.56 | 7.50 -0.11 -2.57 | 5.89 -0.04 -4.18 | 7.17 -0.08 -3.49 | 8.87 -0.12 -2.20 | 11.78 -0.17 -0.33 | 18.62 -0.36 -0.87 | 20.68 -0.43 -2.86 | 17.11 -0.30 -3.62 | 29.01 -0.71 -1.28 | 29.48 -0.73 -1.04 | 6.39 0.03 -7.52 | 12.29 -0.12 -4.62 | 25.06 -0.41 -0.20 | 17.32 -0.32 -2.32 | 20.43 -0.37 -1.92 | 20.79 -0.36 -1.89 | 14.58 -0.12 -3.01 | 15.88 -0.16 -2.84 | 12.85 -0.14 -3.38 | 18.78 -0.35 -0.28 | 40.15 -0.89 -0.34 |
| NEG CENTRAL___INDECK 23768 | 8.83 -0.50 -0.52 | 12.35 -0.70 -0.36 | 9.19 -0.53 -0.77 | 8.32 -0.28 -3.56 | 7.45 -0.10 -5.80 | 8.41 -0.19 -4.85 | 9.53 -0.31 -3.05 | 11.60 -0.48 -0.46 | 18.41 -0.90 -1.21 | 21.16 -1.06 -3.97 | 18.12 -0.70 -5.03 | 28.51 -1.70 -1.77 | 28.80 -1.81 -1.45 | 9.36 0.06 -10.45 | 13.75 -0.45 -6.40 | 24.14 -1.42 -0.28 | 17.71 -0.82 -3.21 | 20.60 -0.95 -2.66 | 20.95 -0.93 -2.63 | 15.45 -0.43 -4.19 | 16.76 -0.40 -3.98 | 14.02 -0.33 -4.74 | 18.46 -0.78 -0.39 | 39.16 -2.01 -0.47 |
| NEG CENTRAL___SENECA 23627 | 8.81 0.00 0.00 | 12.69 0.00 0.00 | 8.95 0.00 0.00 | 5.04 0.00 0.00 | 1.75 0.00 0.00 | 3.76 0.00 0.00 | 6.80 0.00 0.00 | 11.62 0.00 0.00 | 18.10 0.00 0.00 | 18.25 0.00 0.00 | 13.79 0.00 0.00 | 28.44 0.00 0.00 | 29.16 0.00 0.00 | -1.15 0.00 0.00 | 7.80 0.00 0.00 | 25.27 0.00 0.00 | 15.32 0.00 0.00 | 18.89 0.00 0.00 | 19.26 0.00 0.00 | 11.69 0.00 0.00 | 13.19 0.00 0.00 | 9.61 0.00 0.00 | 18.85 0.00 0.00 | 40.70 0.00 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 9.28 0.12 -0.36 | 12.98 0.04 -0.25 | 9.54 0.06 -0.54 | 7.48 -0.02 -2.46 | 5.75 -0.02 -4.02 | 7.04 -0.07 -3.35 | 8.80 -0.10 -2.11 | 11.81 -0.13 -0.32 | 18.55 -0.39 -0.84 | 20.50 -0.50 -2.75 | 16.97 -0.31 -3.49 | 29.07 -0.59 -1.22 | 29.57 -0.59 -1.00 | 6.15 0.04 -7.26 | 12.29 0.07 -4.42 | 25.45 -0.02 -0.19 | 17.44 -0.10 -2.22 | 20.53 -0.19 -1.83 | 20.91 -0.17 -1.82 | 14.75 0.12 -2.94 | 16.05 0.02 -2.84 | 13.02 0.03 -3.38 | 19.08 -0.05 -0.28 | 39.96 -1.06 -0.33 |
| NEG MILLWOOD___DRP 24198 | 12.53 0.44 -3.28 | 15.56 0.62 -2.24 | 14.25 0.41 -4.89 | 27.77 0.23 -22.51 | 38.32 0.07 -36.50 | 34.54 0.16 -30.63 | 26.37 0.32 -19.26 | 15.17 0.62 -2.93 | 26.83 1.08 -7.65 | 44.28 1.15 -24.88 | 46.23 0.93 -31.51 | 41.53 1.92 -11.17 | 40.27 1.97 -9.14 | 64.25 -0.08 -65.49 | 48.72 0.46 -40.46 | 28.46 1.42 -1.76 | 36.56 0.94 -20.30 | 36.84 1.16 -16.79 | 37.09 1.25 -16.58 | 38.33 0.81 -25.83 | 38.01 0.95 -23.87 | 38.69 0.64 -28.44 | 22.29 1.11 -2.32 | 45.79 2.10 -2.99 |
| NEG NORTH_FLCN_SEA 23793 | 9.37 0.66 0.09 | 13.54 0.92 0.06 | 9.43 0.62 0.14 | 4.75 0.35 0.63 | 0.84 0.11 1.01 | 3.10 0.20 0.86 | 6.65 0.39 0.54 | 12.27 0.74 0.08 | 18.92 1.03 0.22 | 18.64 1.08 0.69 | 13.78 0.86 0.87 | 29.87 1.75 0.32 | 30.70 1.79 0.26 | -3.02 -0.07 1.80 | 7.25 0.59 1.14 | 26.95 1.73 0.05 | 15.72 0.98 0.57 | 19.66 1.25 0.47 | 20.07 1.28 0.47 | 11.92 0.90 0.67 | 13.57 0.94 0.57 | 9.63 0.70 0.67 | 20.06 1.27 0.06 | 42.73 2.11 0.08 |
| NEG NORTH_KES_CHATGAY 23792 | 8.63 -0.09 0.09 | 12.54 -0.09 0.06 | 8.75 -0.06 0.14 | 4.38 -0.04 0.62 | 0.74 -0.01 0.99 | 2.88 -0.03 0.85 | 6.18 -0.09 0.53 | 11.34 -0.20 0.08 | 17.60 -0.29 0.21 | 17.28 -0.30 0.67 | 12.70 -0.23 0.85 | 27.72 -0.41 0.31 | 28.52 -0.39 0.25 | -2.90 0.02 1.77 | 6.59 -0.09 1.12 | 24.95 -0.27 0.05 | 14.50 -0.26 0.56 | 18.10 -0.32 0.46 | 18.44 -0.36 0.46 | 10.78 -0.24 0.66 | 12.27 -0.36 0.57 | 8.67 -0.26 0.67 | 18.44 -0.36 0.06 | 40.18 -0.43 0.08 |
| NEG NORTH___ALICE_FALLS 23915 | 8.67 -0.04 0.09 | 12.62 -0.01 0.06 | 8.80 -0.01 0.14 | 4.40 -0.01 0.63 | 0.74 0.00 1.01 | 2.89 -0.01 0.86 | 6.19 -0.07 0.54 | 11.34 -0.20 0.08 | 17.62 -0.27 0.21 | 17.30 -0.26 0.68 | 12.69 -0.24 0.86 | 27.75 -0.37 0.31 | 28.61 -0.30 0.26 | -2.93 0.01 1.79 | 6.61 -0.06 1.13 | 25.04 -0.19 0.05 | 14.49 -0.26 0.57 | 18.10 -0.32 0.47 | 18.43 -0.36 0.46 | 10.77 -0.25 0.67 | 12.23 -0.39 0.57 | 8.68 -0.25 0.67 | 18.59 -0.21 0.06 | 40.49 -0.13 0.08 |
| NEG NORTH___LWR_SARANAC 23913 | 8.67 -0.04 0.09 | 12.62 -0.01 0.06 | 8.80 -0.01 0.14 | 4.40 -0.01 0.63 | 0.74 0.00 1.01 | 2.89 -0.01 0.86 | 6.19 -0.07 0.54 | 11.34 -0.20 0.08 | 17.62 -0.27 0.21 | 17.30 -0.26 0.68 | 12.69 -0.24 0.86 | 27.75 -0.37 0.31 | 28.61 -0.30 0.26 | -2.93 0.01 1.79 | 6.61 -0.06 1.13 | 25.04 -0.19 0.05 | 14.49 -0.26 0.57 | 18.10 -0.32 0.47 | 18.43 -0.36 0.46 | 10.77 -0.25 0.67 | 12.23 -0.39 0.57 | 8.68 -0.25 0.67 | 18.59 -0.21 0.06 | 40.49 -0.13 0.08 |
| NEG NORTH___PLATTSBURG 23628 | 8.59 -0.13 0.09 | 12.50 -0.13 0.06 | 8.71 -0.10 0.14 | 4.35 -0.05 0.63 | 0.72 -0.02 1.01 | 2.85 -0.05 0.86 | 6.12 -0.14 0.54 | 11.22 -0.32 0.08 | 17.42 -0.47 0.21 | 17.09 -0.48 0.68 | 12.55 -0.38 0.86 | 27.45 -0.68 0.31 | 28.29 -0.62 0.26 | -2.92 0.02 1.79 | 6.53 -0.13 1.13 | 24.77 -0.46 0.05 | 14.33 -0.42 0.57 | 17.91 -0.51 0.47 | 18.25 -0.54 0.46 | 10.66 -0.36 0.67 | 12.14 -0.49 0.57 | 8.59 -0.35 0.67 | 18.40 -0.40 0.06 | 40.07 -0.55 0.08 |
| NEG WEST_LEA_LOCKPORT 23791 | 8.68 -0.58 -0.46 | 12.20 -0.80 -0.31 | 9.02 -0.61 -0.68 | 7.85 -0.33 -3.14 | 6.74 -0.11 -5.10 | 7.81 -0.22 -4.27 | 9.12 -0.36 -2.69 | 11.43 -0.60 -0.41 | 17.92 -1.25 -1.07 | 20.17 -1.56 -3.48 | 17.17 -1.03 -4.41 | 27.44 -2.55 -1.56 | 27.73 -2.70 -1.27 | 8.11 0.09 -9.17 | 12.81 -0.63 -5.64 | 23.51 -2.01 -0.25 | 17.09 -1.05 -2.83 | 19.97 -1.26 -2.34 | 20.35 -1.22 -2.31 | 14.70 -0.63 -3.64 | 16.03 -0.57 -3.41 | 13.21 -0.46 -4.06 | 18.11 -1.08 -0.33 | 38.49 -2.62 -0.42 |
| NEG WEST___LANCASTR 23811 | 8.82 -0.53 -0.54 | 12.35 -0.71 -0.37 | 9.21 -0.54 -0.80 | 8.45 -0.29 -3.70 | 7.65 -0.10 -6.00 | 8.59 -0.20 -5.03 | 9.64 -0.31 -3.16 | 11.61 -0.49 -0.48 | 18.40 -0.96 -1.26 | 21.15 -1.19 -4.09 | 18.16 -0.82 -5.18 | 28.22 -2.06 -1.83 | 28.48 -2.19 -1.50 | 9.69 0.07 -10.78 | 13.89 -0.55 -6.64 | 23.76 -1.81 -0.29 | 17.67 -0.98 -3.33 | 20.46 -1.18 -2.75 | 20.86 -1.12 -2.72 | 15.36 -0.60 -4.27 | 16.61 -0.56 -3.98 | 13.90 -0.45 -4.74 | 18.25 -0.99 -0.39 | 38.82 -2.37 -0.49 |
| NEG_PENN_ALLEGHNY 23528 | 9.96 0.14 -1.02 | 13.62 0.23 -0.70 | 10.60 0.14 -1.52 | 12.12 0.09 -6.99 | 13.10 0.03 -11.33 | 13.33 0.06 -9.51 | 12.91 0.13 -5.98 | 12.81 0.28 -0.91 | 20.95 0.47 -2.38 | 26.46 0.49 -7.73 | 23.95 0.37 -9.78 | 32.59 0.68 -3.47 | 32.66 0.66 -2.84 | 19.14 -0.03 -20.33 | 20.50 0.13 -12.57 | 26.21 0.39 -0.55 | 21.88 0.25 -6.31 | 24.43 0.33 -5.22 | 24.78 0.37 -5.15 | 19.98 0.28 -8.01 | 20.86 0.29 -7.38 | 18.63 0.22 -8.80 | 19.91 0.34 -0.72 | 42.22 0.59 -0.93 |
| NEPA___ENERGY 23901 | 9.03 -0.36 -0.59 | 12.60 -0.49 -0.40 | 9.44 -0.38 -0.88 | 8.85 -0.22 -4.03 | 8.24 -0.08 -6.57 | 9.08 -0.15 -5.48 | 10.01 -0.23 -3.45 | 11.80 -0.34 -0.52 | 18.92 -0.54 -1.37 | 22.01 -0.73 -4.49 | 18.98 -0.50 -5.69 | 29.12 -1.31 -2.00 | 29.37 -1.43 -1.63 | 10.73 0.05 -11.83 | 14.66 -0.37 -7.24 | 24.38 -1.21 -0.32 | 18.30 -0.65 -3.63 | 21.05 -0.84 -3.00 | 21.51 -0.71 -2.97 | 16.08 -0.37 -4.76 | 17.46 -0.28 -4.54 | 14.76 -0.26 -5.41 | 18.74 -0.55 -0.44 | 39.78 -1.45 -0.54 |
| NEVERSINK___HYD 23608 | 11.90 0.32 -2.78 | 15.05 0.46 -1.90 | 13.42 0.33 -4.15 | 24.31 0.19 -19.08 | 32.78 0.06 -30.97 | 29.85 0.13 -25.97 | 23.10 -0.02 -16.33 | 14.08 -0.02 -2.48 | 24.46 -0.13 -6.48 | 39.19 -0.18 -21.12 | 40.43 -0.12 -26.76 | 37.61 -0.30 -9.47 | 36.51 -0.40 -7.75 | 54.47 0.01 -55.62 | 42.05 -0.04 -34.30 | 26.81 0.05 -1.50 | 32.56 0.03 -17.21 | 33.10 -0.02 -14.23 | 33.30 -0.02 -14.06 | 34.12 0.42 -22.02 | 34.23 0.58 -20.46 | 34.39 0.40 -24.37 | 21.57 0.73 -1.99 | 44.78 1.54 -2.54 |

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| NIAGARA____ 23760 | 8.73 -0.53 -0.45 | 12.21 -0.79 -0.31 | 9.04 -0.58 -0.68 | 7.83 -0.32 -3.11 | 6.71 -0.11 -5.07 | 7.78 -0.22 -4.24 | 9.10 -0.36 -2.67 | 11.41 -0.62 -0.41 | 17.84 -1.32 -1.06 | 20.07 -1.64 -3.46 | 17.12 -1.05 -4.38 | 27.45 -2.54 -1.55 | 27.75 -2.68 -1.26 | 8.06 0.10 -9.11 | 12.82 -0.58 -5.60 | 23.72 -1.80 -0.24 | 17.21 -0.92 -2.81 | 20.08 -1.13 -2.32 | 20.46 -1.10 -2.30 | 14.79 -0.53 -3.63 | 16.19 -0.41 -3.41 | 13.33 -0.34 -4.06 | 18.34 -0.85 -0.33 | 38.78 -2.34 -0.41 |
| NINE_MILE_1 23575 | 8.75 -0.23 -0.17 | 12.47 -0.34 -0.12 | 8.96 -0.24 -0.26 | 6.10 -0.13 -1.19 | 3.61 -0.05 -1.91 | 5.28 -0.10 -1.62 | 7.64 -0.17 -1.02 | 11.48 -0.29 -0.15 | 18.01 -0.49 -0.40 | 19.02 -0.52 -1.30 | 15.04 -0.39 -1.64 | 28.20 -0.83 -0.59 | 28.79 -0.86 -0.48 | 2.28 0.03 -3.40 | 9.72 -0.22 -2.14 | 24.66 -0.70 -0.09 | 15.98 -0.42 -1.07 | 19.27 -0.51 -0.89 | 19.63 -0.51 -0.88 | 12.73 -0.26 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.48 -0.48 -0.11 | 39.75 -1.11 -0.16 |
| NINE_MILE_2 23744 | 8.73 -0.25 -0.17 | 12.44 -0.36 -0.12 | 8.95 -0.26 -0.26 | 6.08 -0.14 -1.18 | 3.59 -0.05 -1.90 | 5.25 -0.11 -1.60 | 7.62 -0.19 -1.01 | 11.46 -0.32 -0.15 | 17.98 -0.53 -0.40 | 18.98 -0.56 -1.29 | 15.00 -0.41 -1.63 | 28.14 -0.89 -0.58 | 28.73 -0.91 -0.48 | 2.26 0.04 -3.38 | 9.68 -0.23 -2.12 | 24.61 -0.75 -0.09 | 15.94 -0.44 -1.06 | 19.23 -0.54 -0.88 | 19.58 -0.55 -0.87 | 12.65 -0.33 -1.29 | 13.99 -0.33 -1.13 | 10.71 -0.25 -1.35 | 18.40 -0.56 -0.11 | 39.68 -1.17 -0.16 |
| NM CAPITAL____NUG 23643 | 13.89 0.58 -4.51 | 16.56 0.79 -3.08 | 16.27 0.60 -6.72 | 36.30 0.34 -30.92 | 52.03 0.13 -50.16 | 46.09 0.26 -42.07 | 33.66 0.40 -26.46 | 16.22 0.58 -4.03 | 29.62 1.01 -10.51 | 53.69 1.24 -34.20 | 57.95 0.84 -43.32 | 45.77 1.98 -15.35 | 43.87 2.15 -12.55 | 88.80 -0.08 -90.04 | 63.95 0.57 -55.57 | 29.40 1.70 -2.42 | 44.13 0.93 -27.88 | 43.14 1.19 -23.06 | 43.15 1.11 -22.79 | 47.83 0.56 -35.58 | 46.66 0.51 -32.95 | 49.30 0.43 -39.27 | 23.13 1.07 -3.20 | 47.64 2.83 -4.11 |
| NM CENTRAL____NUG 23634 | 8.85 -0.12 -0.17 | 12.61 -0.19 -0.12 | 9.07 -0.12 -0.25 | 6.13 -0.07 -1.16 | 3.58 -0.02 -1.86 | 5.28 -0.05 -1.57 | 7.69 -0.09 -0.99 | 11.61 -0.15 -0.15 | 18.26 -0.24 -0.39 | 19.28 -0.24 -1.27 | 15.12 -0.27 -1.60 | 28.56 -0.46 -0.57 | 29.23 -0.41 -0.47 | 2.19 0.02 -3.32 | 9.74 -0.13 -2.08 | 25.05 -0.31 -0.09 | 16.11 -0.25 -1.04 | 19.45 -0.30 -0.86 | 19.77 -0.34 -0.85 | 12.74 -0.23 -1.28 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.76 -0.21 -0.11 | 40.46 -0.39 -0.15 |
| NM MOHAWK____NUG 23633 | 8.66 0.06 0.20 | 12.63 0.08 0.14 | 8.70 0.06 0.30 | 3.68 0.03 1.39 | -0.53 0.01 2.29 | 1.89 0.03 1.89 | 5.65 0.05 1.19 | 11.51 0.08 0.18 | 17.76 0.13 0.47 | 16.84 0.15 1.57 | 11.92 0.12 1.99 | 27.99 0.24 0.69 | 28.85 0.25 0.56 | -5.30 -0.01 4.14 | 5.36 0.06 2.50 | 25.34 0.18 0.11 | 14.19 0.12 1.25 | 18.01 0.15 1.03 | 18.40 0.17 1.02 | 10.09 0.11 1.71 | 11.62 0.13 1.70 | 7.67 0.09 2.03 | 18.88 0.19 0.17 | 40.85 0.33 0.18 |
| NM NORTH____NUG 24055 | 8.68 -0.03 0.09 | 12.60 -0.03 0.06 | 8.80 -0.02 0.13 | 4.42 -0.01 0.61 | 0.77 0.00 0.97 | 2.92 -0.01 0.83 | 6.24 -0.03 0.52 | 11.47 -0.07 0.08 | 17.82 -0.07 0.21 | 17.52 -0.07 0.66 | 12.87 -0.08 0.84 | 28.05 -0.09 0.30 | 28.83 -0.09 0.25 | -2.88 0.01 1.74 | 6.67 -0.03 1.09 | 25.19 -0.03 0.05 | 14.69 -0.08 0.55 | 18.33 -0.10 0.45 | 18.62 -0.19 0.45 | 10.82 -0.21 0.66 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.60 -0.20 0.06 | 40.39 -0.23 0.08 |
| NM WEST____NUG 23774 | 8.79 -0.48 -0.46 | 12.29 -0.72 -0.32 | 9.11 -0.53 -0.69 | 7.92 -0.29 -3.17 | 6.80 -0.09 -5.15 | 7.87 -0.20 -4.31 | 9.19 -0.32 -2.71 | 11.49 -0.54 -0.41 | 17.98 -1.20 -1.08 | 20.25 -1.51 -3.51 | 17.28 -0.96 -4.45 | 27.68 -2.34 -1.57 | 27.97 -2.48 -1.29 | 8.18 0.09 -9.25 | 12.97 -0.52 -5.70 | 23.90 -1.62 -0.25 | 17.37 -0.81 -2.86 | 20.26 -1.00 -2.36 | 20.63 -0.96 -2.34 | 14.92 -0.43 -3.66 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.44 -0.74 -0.33 | 39.07 -2.05 -0.42 |
| NM CAPITAL____DRP 24208 | 13.92 0.63 -4.48 | 16.65 0.89 -3.07 | 16.30 0.67 -6.68 | 36.16 0.38 -30.74 | 51.78 0.13 -49.90 | 45.87 0.28 -41.83 | 33.54 0.44 -26.30 | 16.30 0.68 -4.00 | 29.71 1.16 -10.45 | 53.65 1.37 -34.03 | 57.84 0.94 -43.11 | 45.88 2.19 -15.26 | 43.94 2.29 -12.48 | 88.35 -0.09 -89.60 | 63.65 0.59 -55.26 | 29.54 1.86 -2.41 | 44.07 1.03 -27.72 | 43.12 1.30 -22.93 | 43.14 1.22 -22.65 | 47.82 0.66 -35.47 | 46.80 0.65 -32.95 | 49.40 0.53 -39.27 | 23.24 1.18 -3.20 | 47.78 2.99 -4.09 |
| NM CENTRAL____DRP 24181 | 8.99 -0.04 -0.22 | 12.78 -0.06 -0.15 | 9.23 -0.04 -0.32 | 6.50 -0.02 -1.48 | 4.15 -0.01 -2.42 | 5.75 -0.02 -2.01 | 8.04 -0.02 -1.27 | 11.77 -0.03 -0.19 | 18.51 -0.09 -0.50 | 19.78 -0.12 -1.65 | 15.77 -0.12 -2.10 | 28.93 -0.24 -0.73 | 29.54 -0.23 -0.60 | 3.22 0.01 -4.36 | 10.40 -0.06 -2.66 | 25.25 -0.14 -0.12 | 16.56 -0.10 -1.33 | 19.88 -0.11 -1.10 | 20.23 -0.12 -1.09 | 13.43 -0.02 -1.77 | 14.87 -0.03 -1.70 | 11.64 0.00 -2.03 | 19.02 0.00 -0.17 | 40.78 -0.12 -0.20 |
| NM FRONTIER____DRP 24179 | 8.78 -0.49 -0.46 | 12.27 -0.73 -0.32 | 9.10 -0.54 -0.69 | 7.90 -0.30 -3.16 | 6.79 -0.10 -5.14 | 7.86 -0.20 -4.30 | 9.17 -0.33 -2.71 | 11.47 -0.56 -0.41 | 17.95 -1.22 -1.08 | 20.22 -1.54 -3.50 | 17.25 -0.98 -4.44 | 27.63 -2.38 -1.57 | 27.93 -2.52 -1.28 | 8.16 0.09 -9.23 | 12.95 -0.54 -5.69 | 23.87 -1.65 -0.25 | 17.34 -0.83 -2.85 | 20.22 -1.03 -2.36 | 20.60 -0.99 -2.33 | 14.91 -0.44 -3.66 | 16.27 -0.33 -3.41 | 13.41 -0.26 -4.06 | 18.36 -0.82 -0.33 | 39.01 -2.11 -0.42 |
| NM ST_REGIS____HYD 24053 | 8.59 -0.14 0.07 | 12.45 -0.18 0.05 | 8.71 -0.12 0.11 | 4.46 -0.07 0.51 | 0.90 -0.02 0.82 | 3.02 -0.05 0.69 | 6.24 -0.12 0.43 | 11.31 -0.24 0.07 | 17.62 -0.31 0.17 | 17.39 -0.29 0.56 | 12.79 -0.29 0.71 | 27.75 -0.44 0.25 | 28.56 -0.40 0.20 | -2.61 0.02 1.48 | 6.76 -0.13 0.91 | 24.93 -0.31 0.04 | 14.57 -0.29 0.46 | 18.14 -0.37 0.38 | 18.38 -0.51 0.37 | 10.65 -0.44 0.59 | 12.10 -0.53 0.57 | 8.55 -0.39 0.67 | 18.41 -0.38 0.06 | 40.00 -0.63 0.07 |
| NORTHPORT____1 23551 | 12.35 0.38 -3.17 | 15.40 0.54 -2.17 | 14.03 0.36 -4.73 | 27.02 0.22 -21.76 | 37.13 0.07 -35.32 | 33.52 0.15 -29.61 | 25.71 0.29 -18.62 | 33.13 0.63 -20.88 | 34.73 1.00 -15.63 | 44.75 0.96 -25.54 | 45.07 0.77 -30.51 | 40.84 1.60 -10.80 | 39.66 1.66 -8.84 | 62.20 -0.07 -63.42 | 47.28 0.37 -39.12 | 28.03 1.05 -1.70 | 35.64 0.69 -19.63 | 35.99 0.87 -16.23 | 36.27 0.97 -16.04 | 37.41 0.63 -25.10 | 37.14 0.65 -23.30 | 37.83 0.46 -27.76 | 21.82 0.70 -2.27 | 45.16 1.57 -2.89 |
| NORTHPORT____2 23552 | 12.34 0.36 -3.17 | 15.38 0.52 -2.17 | 14.02 0.34 -4.73 | 27.02 0.22 -21.76 | 37.13 0.07 -35.32 | 33.52 0.15 -29.61 | 25.71 0.29 -18.62 | 33.13 0.63 -20.88 | 34.73 1.00 -15.63 | 44.75 0.96 -25.54 | 45.07 0.77 -30.51 | 40.84 1.60 -10.80 | 39.66 1.66 -8.84 | 62.20 -0.07 -63.42 | 47.28 0.37 -39.12 | 28.02 1.04 -1.70 | 35.63 0.69 -19.63 | 35.97 0.85 -16.23 | 36.25 0.95 -16.04 | 37.41 0.62 -25.10 | 37.14 0.65 -23.30 | 37.83 0.46 -27.76 | 21.75 0.64 -2.27 | 45.14 1.55 -2.89 |
| NORTHPORT____3 23553 | 12.37 0.39 -3.17 | 15.45 0.59 -2.17 | 14.09 0.41 -4.73 | 27.04 0.23 -21.76 | 37.14 0.08 -35.32 | 33.54 0.17 -29.61 | 25.76 0.34 -18.62 | 33.20 0.70 -20.88 | 34.94 1.21 -15.63 | 45.06 1.27 -25.54 | 45.28 0.97 -30.51 | 41.25 2.00 -10.80 | 40.07 2.07 -8.84 | 62.18 -0.09 -63.42 | 47.39 0.47 -39.12 | 28.42 1.45 -1.70 | 35.87 0.92 -19.63 | 36.31 1.19 -16.23 | 36.64 1.34 -16.04 | 37.62 0.83 -25.10 | 37.39 0.90 -23.30 | 37.97 0.60 -27.76 | 22.05 0.93 -2.27 | 45.67 2.08 -2.89 |
| NORTHPORT____4 23650 | 12.34 0.36 -3.17 | 15.42 0.56 -2.17 | 14.07 0.39 -4.73 | 27.03 0.22 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.75 0.33 -18.62 | 33.18 0.68 -20.88 | 34.91 1.18 -15.63 | 45.02 1.23 -25.54 | 45.24 0.94 -30.51 | 41.18 1.93 -10.80 | 40.00 2.00 -8.84 | 62.18 -0.08 -63.42 | 47.37 0.45 -39.12 | 28.36 1.38 -1.70 | 35.81 0.86 -19.63 | 36.25 1.13 -16.23 | 36.59 1.29 -16.04 | 37.56 0.78 -25.10 | 37.39 0.90 -23.30 | 37.94 0.57 -27.76 | 22.05 0.93 -2.27 | 45.59 1.99 -2.89 |

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|-------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NORTHPORT___IC 23718 | 12.34 0.36 -3.17 | 15.42 0.56 -2.17 | 14.07 0.39 -4.73 | 27.03 0.22 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.75 0.33 -18.62 | 33.18 0.68 -20.88 | 34.91 1.18 -15.63 | 45.02 1.23 -25.54 | 45.24 0.94 -30.51 | 41.18 1.93 -10.80 | 40.00 2.00 -8.84 | 62.18 -0.08 -63.42 | 47.37 0.45 -39.12 | 28.36 1.38 -1.70 | 35.81 0.86 -19.63 | 36.25 1.13 -16.23 | 36.59 1.29 -16.04 | 37.56 0.78 -25.10 | 37.39 0.90 -23.30 | 37.94 0.57 -27.76 | 22.05 0.93 -2.27 | 45.59 1.99 -2.89 |
| NSINS_S_GLNS_FALLS 23858 | 14.04 0.58 -4.66 | 16.58 0.70 -3.19 | 16.38 0.49 -6.95 | 37.27 0.28 -31.95 | 53.70 0.12 -51.84 | 47.48 0.24 -43.48 | 34.46 0.32 -27.34 | 16.22 0.44 -4.16 | 29.84 0.88 -10.86 | 54.78 1.18 -35.35 | 59.39 0.82 -44.78 | 46.31 2.01 -15.86 | 44.63 2.50 -12.97 | 91.81 -0.10 -93.06 | 65.92 0.69 -57.43 | 29.53 1.76 -2.50 | 45.06 0.93 -28.81 | 43.96 1.24 -23.83 | 43.98 1.17 -23.55 | 49.09 0.62 -36.78 | 47.80 0.52 -34.09 | 50.66 0.43 -40.63 | 23.25 1.09 -3.32 | 48.24 3.29 -4.25 |
| NUCOR_STEEL___DRP 24197 | 9.28 0.12 -0.36 | 12.98 0.04 -0.25 | 9.54 0.06 -0.54 | 7.48 -0.02 -2.46 | 5.75 -0.02 -4.02 | 7.04 -0.07 -3.35 | 8.80 -0.10 -2.11 | 11.81 -0.13 -0.32 | 18.55 -0.39 -0.84 | 20.50 -0.50 -2.75 | 16.97 -0.31 -3.49 | 29.07 -0.59 -1.22 | 29.57 -0.59 -1.00 | 6.15 0.04 -7.26 | 12.29 0.07 -4.42 | 25.45 -0.02 -0.19 | 17.44 -0.10 -2.22 | 20.53 -0.19 -1.83 | 20.91 -0.17 -1.82 | 14.75 0.12 -2.94 | 16.05 0.02 -2.84 | 13.02 0.03 -3.38 | 19.08 -0.05 -0.28 | 39.96 -1.06 -0.33 |
| NYISO_LBMP_REFERENCE 24008 | 8.81 0.00 0.00 | 12.69 0.00 0.00 | 8.95 0.00 0.00 | 5.04 0.00 0.00 | 1.75 0.00 0.00 | 3.76 0.00 0.00 | 6.80 0.00 0.00 | 11.62 0.00 0.00 | 18.10 0.00 0.00 | 18.25 0.00 0.00 | 13.79 0.00 0.00 | 28.44 0.00 0.00 | 29.16 0.00 0.00 | -1.15 0.00 0.00 | 7.80 0.00 0.00 | 25.27 0.00 0.00 | 15.32 0.00 0.00 | 18.89 0.00 0.00 | 19.26 0.00 0.00 | 11.69 0.00 0.00 | 13.19 0.00 0.00 | 9.61 0.00 0.00 | 18.85 0.00 0.00 | 40.70 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 12.39 0.42 -3.17 | 15.45 0.59 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.74 0.32 -18.62 | 33.17 0.67 -20.88 | 34.82 1.09 -15.63 | 44.87 1.09 -25.54 | 45.17 0.86 -30.51 | 41.05 1.80 -10.80 | 39.87 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.23 1.25 -1.70 | 35.77 0.83 -19.63 | 36.14 1.02 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.87 0.50 -27.76 | 21.90 0.78 -2.27 | 45.47 1.88 -2.89 |
| NYPA_GOWANUS____GT5 24156 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NYPA_GOWANUS____GT6 24157 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NYPA_HARLEM_RVR_GT1 24160 | 12.66 0.68 -3.17 | 15.82 0.96 -2.17 | 14.33 0.66 -4.73 | 27.17 0.36 -21.77 | 37.19 0.11 -35.33 | 33.63 0.25 -29.62 | 25.92 0.50 -18.63 | 15.43 0.98 -2.83 | 27.21 1.71 -7.40 | 44.18 1.84 -24.09 | 45.79 1.48 -30.52 | 42.32 3.08 -10.81 | 41.14 3.14 -8.84 | 62.15 -0.13 -63.44 | 47.65 0.72 -39.13 | 29.17 2.20 -1.70 | 36.43 1.47 -19.63 | 36.94 1.81 -16.24 | 37.24 1.94 -16.04 | 37.98 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.81 3.22 -2.90 |
| NYPA_HARLEM_RVR_GT2 24161 | 12.66 0.68 -3.17 | 15.82 0.96 -2.17 | 14.33 0.66 -4.73 | 27.17 0.36 -21.77 | 37.19 0.11 -35.33 | 33.63 0.25 -29.62 | 25.92 0.50 -18.63 | 15.43 0.98 -2.83 | 27.21 1.71 -7.40 | 44.18 1.84 -24.09 | 45.79 1.48 -30.52 | 42.32 3.08 -10.81 | 41.14 3.14 -8.84 | 62.15 -0.13 -63.44 | 47.65 0.72 -39.13 | 29.17 2.20 -1.70 | 36.43 1.47 -19.63 | 36.94 1.81 -16.24 | 37.24 1.94 -16.04 | 37.98 1.20 -25.10 | 37.79 1.31 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.81 3.22 -2.90 |
| NYPA_KENT____GT 24152 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |
| NYPA_POUCH1____GT 24155 | 12.59 0.61 -3.17 | 15.71 0.85 -2.17 | 14.24 0.56 -4.73 | 27.12 0.31 -21.77 | 37.17 0.10 -35.33 | 33.60 0.22 -29.62 | 25.86 0.43 -18.63 | 15.32 0.87 -2.83 | 27.03 1.53 -7.40 | 43.99 1.64 -24.09 | 45.63 1.31 -30.52 | 41.98 2.73 -10.81 | 40.84 2.83 -8.84 | 62.16 -0.12 -63.44 | 47.58 0.65 -39.13 | 28.99 2.01 -1.70 | 36.28 1.33 -19.63 | 36.75 1.62 -16.24 | 37.04 1.73 -16.04 | 37.87 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.51 2.91 -2.90 |
| NYPA_VERNON____GT2 24162 | 12.60 0.62 -3.17 | 15.73 0.87 -2.17 | 14.26 0.59 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.35 0.89 -2.83 | 27.07 1.57 -7.40 | 44.03 1.68 -24.09 | 45.66 1.35 -30.52 | 42.04 2.80 -10.81 | 40.89 2.88 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.03 2.06 -1.70 | 36.30 1.35 -19.63 | 36.78 1.65 -16.24 | 37.07 1.77 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.56 2.97 -2.90 |
| NYPA_VERNON____GT3 24163 | 12.60 0.62 -3.17 | 15.73 0.87 -2.17 | 14.26 0.59 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.35 0.89 -2.83 | 27.07 1.57 -7.40 | 44.03 1.68 -24.09 | 45.66 1.35 -30.52 | 42.04 2.80 -10.81 | 40.89 2.88 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.03 2.06 -1.70 | 36.30 1.35 -19.63 | 36.78 1.65 -16.24 | 37.07 1.77 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.56 2.97 -2.90 |
| NYPA___HOLTSVILL 23794 | 12.41 0.43 -3.17 | 15.46 0.60 -2.17 | 14.07 0.39 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.15 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.80 1.07 -15.63 | 44.86 1.07 -25.54 | 45.15 0.85 -30.51 | 41.03 1.78 -10.80 | 39.86 1.87 -8.84 | 62.18 -0.08 -63.42 | 47.33 0.42 -39.12 | 28.25 1.28 -1.70 | 35.81 0.86 -19.63 | 36.15 1.02 -16.23 | 36.41 1.11 -16.04 | 37.53 0.74 -25.10 | 37.26 0.77 -23.30 | 37.84 0.47 -27.76 | 21.86 0.74 -2.27 | 45.50 1.91 -2.89 |
| NYPA___HELLGATE_GT1 24158 | 12.66 0.68 -3.17 | 15.82 0.96 -2.17 | 14.33 0.66 -4.73 | 27.17 0.36 -21.77 | 37.19 0.11 -35.33 | 33.63 0.25 -29.62 | 25.92 0.50 -18.63 | 15.43 0.98 -2.83 | 27.22 1.72 -7.40 | 44.18 1.84 -24.09 | 45.79 1.48 -30.52 | 42.32 3.08 -10.81 | 41.14 3.14 -8.84 | 62.15 -0.13 -63.44 | 47.65 0.72 -39.13 | 29.20 2.22 -1.70 | 36.42 1.47 -19.63 | 36.94 1.81 -16.24 | 37.24 1.94 -16.04 | 37.97 1.18 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.81 3.22 -2.90 |
| NYPA___HELLGATE_GT2 24159 | 12.66 0.68 -3.17 | 15.82 0.96 -2.17 | 14.33 0.66 -4.73 | 27.17 0.36 -21.77 | 37.19 0.11 -35.33 | 33.63 0.25 -29.62 | 25.92 0.50 -18.63 | 15.43 0.98 -2.83 | 27.22 1.72 -7.40 | 44.18 1.84 -24.09 | 45.79 1.48 -30.52 | 42.32 3.08 -10.81 | 41.14 3.14 -8.84 | 62.15 -0.13 -63.44 | 47.65 0.72 -39.13 | 29.20 2.22 -1.70 | 36.42 1.47 -19.63 | 36.94 1.81 -16.24 | 37.24 1.94 -16.04 | 37.97 1.18 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.83 1.71 -2.27 | 46.81 3.22 -2.90 |

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|--------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|
| O.H_GEN_BRUCE 24063 | 8.90 -0.39 -0.49 | 12.44 -0.58 -0.34 | 9.25 -0.43 -0.73 | 8.18 -0.24 -3.37 | 7.15 -0.08 -5.48 | 8.19 -0.16 -4.59 | 9.42 -0.26 -2.89 | 11.63 -0.42 -0.44 | 18.32 -0.93 -1.15 | 20.81 -1.18 -3.74 | 17.78 -0.74 -4.73 | 28.27 -1.85 -1.68 | 28.57 -1.96 -1.37 | 8.75 0.07 -9.83 | 13.43 -0.43 -6.07 | 24.20 -1.34 -0.26 | 17.69 -0.67 -3.04 | 20.58 -0.83 -2.52 | 20.96 -0.79 -2.49 | 15.21 -0.37 -3.89 | 16.54 -0.27 -3.61 | 13.68 -0.23 -4.30 | 13.04 -2.80 11.30 | -500.90 -2.74 531.53 |
| OAK ORCHARD___HYD 24046 | 8.74 -0.42 -0.36 | 12.32 -0.62 -0.25 | 9.02 -0.46 -0.54 | 7.25 -0.26 -2.47 | 5.70 -0.09 -4.04 | 6.95 -0.18 -3.37 | 8.63 -0.29 -2.12 | 11.45 -0.49 -0.32 | 17.93 -1.01 -0.84 | 19.79 -1.22 -2.76 | 16.51 -0.79 -3.51 | 27.76 -1.91 -1.23 | 28.15 -2.02 -1.00 | 6.22 0.08 -7.29 | 11.80 -0.44 -4.45 | 24.08 -1.39 -0.19 | 16.85 -0.70 -2.23 | 19.88 -0.85 -1.84 | 20.25 -0.83 -1.82 | 14.24 -0.40 -2.95 | 15.75 -0.28 -2.84 | 12.82 -0.17 -3.38 | 18.48 -0.65 -0.28 | 39.15 -1.87 -0.33 |
| OCC_CHEM___DRP 24175 | 8.79 -0.48 -0.46 | 12.29 -0.72 -0.32 | 9.11 -0.53 -0.69 | 7.92 -0.29 -3.17 | 6.80 -0.09 -5.15 | 7.87 -0.20 -4.31 | 9.19 -0.32 -2.71 | 11.49 -0.54 -0.41 | 17.98 -1.20 -1.08 | 20.25 -1.51 -3.51 | 17.28 -0.96 -4.45 | 27.68 -2.34 -1.57 | 27.97 -2.48 -1.29 | 8.18 0.09 -9.25 | 12.97 -0.52 -5.70 | 23.90 -1.62 -0.25 | 17.37 -0.81 -2.86 | 20.26 -1.00 -2.36 | 20.63 -0.96 -2.34 | 14.92 -0.43 -3.66 | 16.32 -0.28 -3.41 | 13.41 -0.26 -4.06 | 18.44 -0.74 -0.33 | 39.07 -2.05 -0.42 |
| ONONDAGA_REF_OCCRA 23987 | 9.02 -0.04 -0.26 | 12.80 -0.07 -0.18 | 9.29 -0.05 -0.39 | 6.80 -0.03 -1.78 | 4.60 -0.01 -2.86 | 6.16 -0.02 -2.42 | 8.29 -0.03 -1.52 | 11.80 -0.05 -0.23 | 18.56 -0.14 -0.60 | 20.01 -0.18 -1.94 | 16.08 -0.17 -2.46 | 28.98 -0.35 -0.88 | 29.55 -0.34 -0.72 | 3.97 0.02 -5.10 | 10.93 -0.07 -3.20 | 25.20 -0.22 -0.14 | 16.77 -0.16 -1.61 | 20.03 -0.18 -1.33 | 20.38 -0.19 -1.31 | 13.53 -0.11 -1.95 | 14.76 -0.13 -1.70 | 11.56 -0.08 -2.03 | 18.85 -0.17 -0.17 | 40.59 -0.34 -0.24 |
| ONONDAGA___COGEN 23986 | 8.98 -0.11 -0.28 | 12.72 -0.16 -0.19 | 9.25 -0.11 -0.41 | 6.88 -0.06 -1.90 | 4.84 -0.02 -3.12 | 6.30 -0.05 -2.59 | 8.35 -0.08 -1.63 | 11.74 -0.12 -0.25 | 18.49 -0.26 -0.65 | 20.08 -0.30 -2.14 | 16.27 -0.24 -2.71 | 28.86 -0.52 -0.94 | 29.40 -0.54 -0.77 | 4.51 0.02 -5.64 | 11.10 -0.12 -3.42 | 25.04 -0.38 -0.15 | 16.80 -0.24 -1.72 | 20.03 -0.28 -1.42 | 20.38 -0.28 -1.40 | 13.88 -0.13 -2.32 | 15.33 -0.13 -2.27 | 12.22 -0.09 -2.71 | 18.88 -0.19 -0.22 | 40.43 -0.52 -0.25 |
| OSWEGATCHIE___HYD 24044 | 8.65 -0.12 0.04 | 12.49 -0.17 0.03 | 8.78 -0.10 0.06 | 4.68 -0.06 0.30 | 1.20 -0.02 0.52 | 3.30 -0.04 0.41 | 6.44 -0.10 0.26 | 11.40 -0.18 0.04 | 17.79 -0.21 0.10 | 17.71 -0.17 0.37 | 13.05 -0.27 0.47 | 27.96 -0.33 0.15 | 28.80 -0.25 0.12 | -2.11 0.03 0.98 | 7.15 -0.11 0.54 | 25.06 -0.18 0.02 | 14.81 -0.24 0.27 | 18.37 -0.30 0.22 | 18.60 -0.43 0.22 | 10.86 -0.35 0.47 | 12.10 -0.53 0.57 | 8.65 -0.29 0.67 | 18.57 -0.23 0.06 | 40.32 -0.34 0.04 |
| OSWEGO___5 23606 | 8.84 -0.17 -0.20 | 12.58 -0.25 -0.14 | 9.07 -0.18 -0.30 | 6.33 -0.10 -1.39 | 4.00 -0.03 -2.29 | 5.58 -0.07 -1.89 | 7.86 -0.13 -1.19 | 11.59 -0.21 -0.18 | 18.21 -0.37 -0.47 | 19.43 -0.39 -1.57 | 15.49 -0.30 -2.00 | 28.48 -0.65 -0.69 | 29.07 -0.66 -0.57 | 3.03 0.03 -4.15 | 10.14 -0.17 -2.50 | 24.85 -0.53 -0.11 | 16.26 -0.32 -1.26 | 19.55 -0.38 -1.04 | 19.90 -0.39 -1.03 | 13.18 -0.23 -1.72 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.64 -0.38 -0.17 | 40.08 -0.80 -0.18 |
| OSWEGO___6 23613 | 8.84 -0.17 -0.20 | 12.58 -0.25 -0.14 | 9.07 -0.18 -0.30 | 6.33 -0.10 -1.39 | 4.00 -0.04 -2.29 | 5.58 -0.07 -1.89 | 7.86 -0.13 -1.19 | 11.58 -0.22 -0.18 | 18.20 -0.37 -0.47 | 19.42 -0.40 -1.57 | 15.49 -0.30 -2.00 | 28.48 -0.65 -0.69 | 29.07 -0.66 -0.57 | 3.03 0.03 -4.15 | 10.13 -0.17 -2.50 | 24.85 -0.53 -0.11 | 16.26 -0.32 -1.26 | 19.55 -0.38 -1.04 | 19.90 -0.39 -1.03 | 13.18 -0.23 -1.72 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.64 -0.38 -0.17 | 40.08 -0.80 -0.18 |
| OUTOKUMPU-AB___DRP 24206 | 8.91 -0.37 -0.47 | 12.46 -0.56 -0.32 | 9.23 -0.42 -0.70 | 8.05 -0.23 -3.24 | 6.92 -0.08 -5.25 | 8.01 -0.15 -4.41 | 9.32 -0.24 -2.77 | 11.64 -0.40 -0.42 | 18.31 -0.89 -1.10 | 20.67 -1.16 -3.58 | 17.61 -0.72 -4.53 | 28.20 -1.85 -1.61 | 28.40 -2.08 -1.31 | 8.34 0.08 -9.41 | 13.21 -0.41 -5.82 | 24.30 -1.23 -0.25 | 17.65 -0.60 -2.92 | 20.58 -0.73 -2.42 | 20.93 -0.72 -2.39 | 15.10 -0.30 -3.70 | 16.45 -0.15 -3.41 | 13.51 -0.16 -4.06 | 18.71 -0.48 -0.33 | 39.49 -1.64 -0.43 |
| OXBOW___ 24026 | 8.87 -0.40 -0.47 | 12.39 -0.61 -0.32 | 9.19 -0.46 -0.70 | 7.99 -0.26 -3.21 | 6.86 -0.08 -5.20 | 7.95 -0.17 -4.36 | 9.27 -0.27 -2.74 | 11.59 -0.45 -0.42 | 18.18 -1.01 -1.09 | 20.50 -1.30 -3.54 | 17.48 -0.81 -4.49 | 28.00 -2.03 -1.59 | 28.25 -2.22 -1.30 | 8.26 0.08 -9.33 | 13.11 -0.45 -5.76 | 24.16 -1.37 -0.25 | 17.54 -0.67 -2.89 | 20.46 -0.82 -2.39 | 20.83 -0.79 -2.36 | 15.05 -0.32 -3.68 | 16.42 -0.18 -3.41 | 13.51 -0.16 -4.06 | 18.60 -0.59 -0.33 | 39.39 -1.74 -0.43 |
| PEEKSKILL___ 23653 | 12.38 0.43 -3.14 | 15.45 0.61 -2.15 | 14.02 0.39 -4.69 | 26.89 0.22 -21.64 | 36.95 0.07 -35.14 | 33.35 0.15 -29.44 | 25.62 0.31 -18.51 | 15.07 0.63 -2.82 | 26.56 1.11 -7.35 | 43.41 1.19 -23.97 | 45.12 0.96 -30.36 | 41.16 1.98 -10.74 | 39.98 2.04 -8.78 | 61.87 -0.09 -63.11 | 47.16 0.46 -38.89 | 28.42 1.45 -1.70 | 35.80 0.97 -19.51 | 36.22 1.19 -16.14 | 36.49 1.29 -15.94 | 37.53 0.82 -25.02 | 37.50 1.01 -23.30 | 38.01 0.64 -27.76 | 22.23 1.11 -2.27 | 45.64 2.07 -2.88 |
| PGE MADISON___WINDPWR 24146 | 10.36 0.67 -0.88 | 14.22 0.93 -0.60 | 10.89 0.63 -1.31 | 11.42 0.35 -6.03 | 11.61 0.11 -9.76 | 12.17 0.20 -8.21 | 12.35 0.39 -5.16 | 13.13 0.73 -0.79 | 21.16 1.01 -2.05 | 25.96 1.06 -6.65 | 23.06 0.85 -8.41 | 33.17 1.73 -2.99 | 33.40 1.79 -2.45 | 16.26 -0.07 -17.48 | 19.23 0.59 -10.84 | 27.47 1.73 -0.47 | 21.74 0.99 -5.44 | 24.67 1.28 -4.50 | 25.02 1.32 -4.44 | 19.44 0.91 -6.85 | 20.39 0.95 -6.25 | 17.76 0.70 -7.45 | 20.73 1.27 -0.61 | 43.56 2.06 -0.80 |
| PJM_GEN_KEystone 24065 | 9.11 -0.36 -0.66 | 12.65 -0.49 -0.45 | 9.56 -0.38 -0.99 | 9.37 -0.20 -4.53 | 9.03 -0.07 -7.36 | 9.78 -0.15 -6.17 | 10.44 -0.23 -3.88 | 11.86 -0.34 -0.59 | 19.03 -0.61 -1.54 | 22.55 -0.72 -5.02 | 19.66 -0.49 -6.36 | 29.47 -1.23 -2.25 | 29.69 -1.31 -1.84 | 12.10 0.04 -13.21 | 15.61 -0.34 -8.15 | 24.51 -1.11 -0.36 | 18.80 -0.61 -4.09 | 21.52 -0.75 -3.38 | 21.90 -0.70 -3.34 | 16.56 -0.36 -5.23 | 17.71 -0.33 -4.86 | 15.12 -0.27 -5.78 | 14.61 -1.71 10.82 | -500.13 -1.97 531.53 |
| PLEASANTVLY___LBMP 24000 | 12.43 0.35 -3.28 | 15.42 0.49 -2.24 | 14.16 0.32 -4.89 | 27.70 0.18 -22.48 | 38.26 0.06 -36.46 | 34.47 0.13 -30.59 | 26.29 0.25 -19.24 | 15.03 0.49 -2.93 | 26.58 0.83 -7.64 | 44.00 0.90 -24.85 | 45.99 0.72 -31.48 | 41.07 1.48 -11.16 | 39.80 1.51 -9.13 | 64.20 -0.06 -65.42 | 48.56 0.35 -40.40 | 28.11 1.08 -1.76 | 36.31 0.72 -20.27 | 36.55 0.89 -16.77 | 36.79 0.97 -16.56 | 38.09 0.59 -25.82 | 37.77 0.72 -23.87 | 38.57 0.53 -28.44 | 22.05 0.87 -2.32 | 45.34 1.65 -2.99 |
| POLETTI___ 23519 | 12.55 0.57 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.87 1.53 -24.09 | 45.55 1.23 -30.52 | 41.81 2.56 -10.81 | 40.64 2.64 -8.84 | 62.17 -0.11 -63.44 | 47.54 0.61 -39.13 | 28.89 1.91 -1.70 | 36.21 1.25 -19.63 | 36.67 1.54 -16.24 | 36.95 1.65 -16.04 | 37.85 1.06 -25.10 | 37.78 1.29 -23.30 | 38.23 0.86 -27.76 | 22.61 1.49 -2.27 | 46.36 2.77 -2.90 |
| PORT_JEFF_3 23555 | 12.38 0.41 -3.17 | 15.43 0.57 -2.17 | 14.05 0.38 -4.73 | 27.03 0.22 -21.76 | 37.14 0.07 -35.32 | 33.51 0.14 -29.61 | 25.69 0.27 -18.62 | 33.11 0.61 -20.88 | 34.68 0.95 -15.63 | 44.74 0.95 -25.54 | 45.07 0.76 -30.51 | 40.85 1.60 -10.80 | 39.68 1.68 -8.84 | 62.20 -0.07 -63.42 | 47.28 0.36 -39.12 | 28.13 1.16 -1.70 | 35.74 0.79 -19.63 | 35.93 0.81 -16.23 | 36.13 0.83 -16.04 | 37.30 0.52 -25.10 | 37.09 0.60 -23.30 | 37.73 0.36 -27.76 | 21.62 0.50 -2.27 | 45.13 1.54 -2.89 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| PORT_JEFF_4 23616 | 12.38 0.41 -3.17 | 15.42 0.56 -2.17 | 14.04 0.37 -4.73 | 27.02 0.22 -21.76 | 37.13 0.07 -35.32 | 33.51 0.14 -29.61 | 25.67 0.26 -18.62 | 33.07 0.57 -20.88 | 34.58 0.85 -15.63 | 44.57 0.78 -25.54 | 44.92 0.62 -30.51 | 40.56 1.31 -10.80 | 39.40 1.40 -8.84 | 62.20 -0.06 -63.42 | 47.21 0.29 -39.12 | 27.92 0.94 -1.70 | 35.66 0.71 -19.63 | 35.92 0.79 -16.23 | 36.12 0.83 -16.04 | 37.31 0.52 -25.10 | 37.10 0.61 -23.30 | 37.73 0.37 -27.76 | 21.62 0.50 -2.27 | 45.25 1.66 -2.89 |
| PORT_JEFF_IC 23713 | 12.39 0.42 -3.17 | 15.45 0.59 -2.17 | 14.07 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.71 0.29 -18.62 | 33.13 0.63 -20.88 | 34.73 1.00 -15.63 | 44.78 0.99 -25.54 | 45.10 0.80 -30.51 | 40.93 1.68 -10.80 | 39.76 1.76 -8.84 | 62.19 -0.08 -63.42 | 47.30 0.39 -39.12 | 28.19 1.22 -1.70 | 35.77 0.83 -19.63 | 36.01 0.89 -16.23 | 36.23 0.93 -16.04 | 37.40 0.62 -25.10 | 37.14 0.65 -23.30 | 37.73 0.37 -27.76 | 21.72 0.60 -2.27 | 45.23 1.64 -2.89 |
| PROJECT___ORANGE 23990 | 9.41 -0.03 -0.63 | 13.07 -0.05 -0.43 | 9.85 -0.04 -0.94 | 9.37 -0.02 -4.35 | 8.78 -0.01 -7.04 | 9.65 -0.02 -5.91 | 10.50 -0.02 -3.72 | 12.16 -0.03 -0.57 | 19.50 -0.08 -1.48 | 22.93 -0.11 -4.80 | 19.75 -0.11 -6.07 | 30.37 -0.23 -2.16 | 30.72 -0.21 -1.76 | 11.47 0.01 -12.62 | 15.56 -0.05 -7.81 | 25.49 -0.13 -0.34 | 19.15 -0.09 -3.92 | 22.03 -0.10 -3.24 | 22.35 -0.11 -3.20 | 16.62 -0.02 -4.96 | 17.71 -0.03 -4.54 | 15.02 0.00 -5.41 | 19.30 0.00 -0.44 | 41.17 -0.10 -0.58 |
| PROJECT___ORANGE 1 24174 | 9.00 -0.03 -0.22 | 12.79 -0.05 -0.15 | 9.24 -0.04 -0.33 | 6.54 -0.02 -1.52 | 4.22 -0.01 -2.48 | 5.81 -0.02 -2.07 | 8.08 -0.02 -1.30 | 11.79 -0.03 -0.20 | 18.54 -0.08 -0.52 | 19.83 -0.11 -1.69 | 15.83 -0.11 -2.15 | 28.97 -0.23 -0.76 | 29.57 -0.21 -0.62 | 3.32 0.01 -4.47 | 10.48 -0.05 -2.74 | 25.26 -0.13 -0.12 | 16.60 -0.09 -1.37 | 19.92 -0.10 -1.14 | 20.27 -0.11 -1.12 | 13.46 -0.02 -1.79 | 14.87 -0.03 -1.70 | 11.64 0.00 -2.03 | 19.02 0.00 -0.17 | 40.80 -0.10 -0.20 |
| PROJECT___ORANGE 2 24166 | 9.00 -0.03 -0.22 | 12.79 -0.05 -0.15 | 9.24 -0.04 -0.33 | 6.54 -0.02 -1.52 | 4.22 -0.01 -2.48 | 5.81 -0.02 -2.07 | 8.08 -0.02 -1.30 | 11.79 -0.03 -0.20 | 18.54 -0.08 -0.52 | 19.83 -0.11 -1.69 | 15.83 -0.11 -2.15 | 28.97 -0.23 -0.76 | 29.57 -0.21 -0.62 | 3.32 0.01 -4.47 | 10.48 -0.05 -2.74 | 25.26 -0.13 -0.12 | 16.60 -0.09 -1.37 | 19.92 -0.10 -1.14 | 20.27 -0.11 -1.12 | 13.46 -0.02 -1.79 | 14.87 -0.03 -1.70 | 11.64 0.00 -2.03 | 19.02 0.00 -0.17 | 40.80 -0.10 -0.20 |
| PYRITES___HYD 24023 | 8.84 0.11 0.07 | 12.80 0.17 0.05 | 8.98 0.14 0.11 | 4.62 0.08 0.50 | 0.96 0.03 0.81 | 3.14 0.06 0.68 | 6.44 0.07 0.43 | 11.65 0.10 0.07 | 18.19 0.26 0.17 | 17.99 0.29 0.56 | 13.16 0.07 0.71 | 28.60 0.41 0.25 | 29.47 0.51 0.20 | -2.62 0.00 1.47 | 6.99 0.08 0.90 | 25.72 0.49 0.04 | 15.00 0.13 0.45 | 18.68 0.16 0.37 | 18.86 -0.03 0.37 | 10.92 -0.18 0.59 | 12.31 -0.32 0.57 | 8.74 -0.19 0.67 | 18.96 0.16 0.06 | 41.31 0.68 0.07 |
| RANKINE____ 23646 | 9.01 -0.30 -0.50 | 12.58 -0.45 -0.34 | 9.35 -0.35 -0.75 | 8.30 -0.19 -3.45 | 7.33 -0.06 -5.64 | 8.33 -0.13 -4.70 | 9.56 -0.19 -2.95 | 11.78 -0.29 -0.45 | 18.60 -0.67 -1.17 | 21.18 -0.93 -3.86 | 18.13 -0.56 -4.89 | 28.68 -1.48 -1.71 | 28.96 -1.60 -1.40 | 9.08 0.05 -10.18 | 13.68 -0.33 -6.21 | 24.53 -1.02 -0.27 | 17.95 -0.48 -3.11 | 20.87 -0.59 -2.57 | 21.26 -0.54 -2.54 | 15.62 -0.19 -4.13 | 17.15 -0.01 -3.98 | 14.28 -0.06 -4.74 | 18.93 -0.31 -0.39 | 39.89 -1.26 -0.46 |
| RAVENS GT4-7 ____ 23728 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.05 1.56 -7.40 | 44.02 1.67 -24.09 | 45.65 1.34 -30.52 | 42.02 2.78 -10.81 | 40.86 2.86 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.64 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.55 2.95 -2.90 |
| RAVENSWD GT2____ 23730 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWD GT3____ 23733 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT2_1 24244 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT2_2 24245 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT2_3 24246 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT2_4 24247 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT3_1 24248 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT3_2 24249 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |

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|---|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|--------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|
| RAVENSWOOD_GT3_3 24250 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT3_4 24251 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT_1 23729 | 12.55 0.57 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.93 1.43 -7.40 | 43.87 1.53 -24.09 | 45.54 1.23 -30.52 | 41.80 2.55 -10.81 | 40.64 2.63 -8.84 | 62.17 -0.11 -63.44 | 47.54 0.61 -39.13 | 28.88 1.90 -1.70 | 36.20 1.25 -19.63 | 36.66 1.54 -16.24 | 36.95 1.65 -16.04 | 37.85 1.06 -25.10 | 37.69 1.20 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.36 2.77 -2.90 |
| RAVENSWOOD_GT_10 24258 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.65 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.55 2.96 -2.90 |
| RAVENSWOOD_GT_11 24259 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.65 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.55 2.96 -2.90 |
| RAVENSWOOD_GT_4 24252 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.05 1.56 -7.40 | 44.02 1.67 -24.09 | 45.65 1.34 -30.52 | 42.02 2.78 -10.81 | 40.86 2.86 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.64 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.55 2.95 -2.90 |
| RAVENSWOOD_GT_5 24254 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT_6 24253 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.05 1.56 -7.40 | 44.02 1.67 -24.09 | 45.65 1.34 -30.52 | 42.02 2.78 -10.81 | 40.86 2.86 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.64 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.55 2.95 -2.90 |
| RAVENSWOOD_GT_7 24255 | 12.54 0.56 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.09 0.28 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.92 1.42 -7.40 | 43.86 1.52 -24.09 | 45.54 1.23 -30.52 | 41.79 2.54 -10.81 | 40.62 2.62 -8.84 | 62.17 -0.11 -63.44 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.20 1.24 -19.63 | 36.66 1.53 -16.24 | 36.94 1.64 -16.04 | 37.85 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.35 2.75 -2.90 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.65 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.55 2.96 -2.90 |
| RAVENSWOOD_GT_9 24257 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.65 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.55 2.96 -2.90 |
| RAVENSWOOD___1 23533 | 12.56 0.58 -3.17 | 15.68 0.82 -2.17 | 14.25 0.57 -4.73 | 27.12 0.31 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.86 0.44 -18.63 | 15.32 0.87 -2.83 | 27.04 1.54 -7.40 | 43.98 1.64 -24.09 | 45.60 1.28 -30.52 | 41.91 2.66 -10.81 | 40.75 2.74 -8.84 | 62.17 -0.11 -63.44 | 47.56 0.63 -39.13 | 28.91 1.94 -1.70 | 36.23 1.28 -19.63 | 36.70 1.57 -16.24 | 36.99 1.68 -16.04 | 37.86 1.07 -25.10 | 37.68 1.19 -23.30 | 38.22 0.86 -27.76 | 22.63 1.51 -2.27 | 46.49 2.89 -2.90 |
| RAVENSWOOD___2 23534 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.01 2.03 -1.70 | 36.27 1.32 -19.63 | 36.75 1.62 -16.24 | 37.04 1.73 -16.04 | 37.87 1.08 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.51 2.92 -2.90 |
| RAVENSWOOD___3 23535 | 12.55 0.57 -3.17 | 15.65 0.79 -2.17 | 14.20 0.52 -4.73 | 27.10 0.29 -21.77 | 37.17 0.09 -35.33 | 33.58 0.20 -29.62 | 25.83 0.41 -18.63 | 15.26 0.81 -2.83 | 26.93 1.43 -7.40 | 43.87 1.53 -24.09 | 45.54 1.23 -30.52 | 41.80 2.55 -10.81 | 40.64 2.63 -8.84 | 62.17 -0.11 -63.44 | 47.54 0.61 -39.13 | 28.88 1.90 -1.70 | 36.20 1.25 -19.63 | 36.66 1.54 -16.24 | 36.95 1.65 -16.04 | 37.85 1.06 -25.10 | 37.69 1.20 -23.30 | 38.22 0.86 -27.76 | 22.61 1.49 -2.27 | 46.36 2.77 -2.90 |
| RAVNSWD 8-11____ 23667 | 12.60 0.62 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.45 -18.63 | 15.34 0.89 -2.83 | 27.06 1.56 -7.40 | 44.02 1.68 -24.09 | 45.65 1.34 -30.52 | 42.03 2.79 -10.81 | 40.87 2.87 -8.84 | 62.16 -0.12 -63.44 | 47.59 0.66 -39.13 | 29.02 2.04 -1.70 | 36.29 1.34 -19.63 | 36.77 1.65 -16.24 | 37.06 1.76 -16.04 | 37.88 1.09 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.65 1.53 -2.27 | 46.55 2.96 -2.90 |
| RCPL TRUST___DRP 24196 | 12.54 0.56 -3.17 | 15.64 0.78 -2.17 | 14.19 0.52 -4.73 | 27.09 0.28 -21.77 | 37.16 0.09 -35.33 | 33.57 0.20 -29.62 | 25.82 0.40 -18.63 | 15.26 0.80 -2.83 | 26.91 1.41 -7.40 | 43.85 1.51 -24.09 | 45.53 1.22 -30.52 | 41.78 2.53 -10.80 | 40.61 2.61 -8.84 | 62.16 -0.11 -63.43 | 47.53 0.60 -39.13 | 28.87 1.89 -1.70 | 36.19 1.24 -19.63 | 36.65 1.52 -16.24 | 36.93 1.64 -16.04 | 37.84 1.06 -25.10 | 37.66 1.17 -23.30 | 38.22 0.86 -27.76 | 22.54 1.42 -2.27 | 46.34 2.74 -2.90 |

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|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RENSSELAER___COGEN 23796 | 13.85 0.63 -4.41 | 16.60 0.89 -3.02 | 16.20 0.67 -6.58 | 35.70 0.38 -30.29 | 51.03 0.13 -49.15 | 45.24 0.27 -41.21 | 33.15 0.43 -25.92 | 16.23 0.67 -3.94 | 29.54 1.15 -10.29 | 53.12 1.36 -33.52 | 57.18 0.93 -42.46 | 45.65 2.17 -15.04 | 43.73 2.27 -12.30 | 87.00 -0.09 -88.25 | 62.82 0.58 -54.44 | 29.48 1.84 -2.37 | 43.65 1.02 -27.31 | 42.77 1.29 -22.59 | 42.78 1.21 -22.32 | 47.25 0.66 -34.90 | 46.23 0.65 -32.39 | 48.73 0.53 -38.59 | 23.08 1.07 -3.15 | 47.67 2.94 -4.03 |
| REVERE_CPPR_DRP 24186 | 9.06 0.28 0.02 | 13.06 0.38 0.01 | 9.20 0.28 0.03 | 5.07 0.16 0.13 | 1.61 0.05 0.19 | 3.69 0.11 0.18 | 6.87 0.19 0.11 | 11.92 0.32 0.02 | 18.57 0.52 0.04 | 18.67 0.55 0.12 | 13.95 0.31 0.15 | 29.14 0.77 0.06 | 30.00 0.89 0.05 | -1.50 -0.02 0.32 | 7.79 0.22 0.23 | 26.09 0.83 0.01 | 15.64 0.43 0.12 | 19.33 0.54 0.10 | 19.65 0.49 0.10 | 11.86 0.25 0.08 | 13.45 0.26 0.00 | 9.81 0.20 0.00 | 19.42 0.56 0.00 | 41.95 1.26 0.02 |
| ROCHESTER_9_IC 23652 | 9.13 -0.04 -0.36 | 12.85 -0.08 -0.24 | 9.44 -0.04 -0.53 | 7.47 -0.02 -2.45 | 5.75 0.00 -4.01 | 7.09 -0.01 -3.34 | 8.87 -0.02 -2.10 | 11.84 -0.09 -0.32 | 18.66 -0.27 -0.83 | 20.68 -0.32 -2.74 | 17.03 -0.25 -3.48 | 29.22 -0.44 -1.22 | 29.67 -0.49 -0.99 | 6.11 0.03 -7.24 | 12.15 -0.06 -4.41 | 25.42 -0.04 -0.19 | 17.46 -0.07 -2.21 | 20.69 -0.03 -1.83 | 20.89 -0.18 -1.81 | 14.51 -0.12 -2.94 | 15.90 -0.13 -2.84 | 12.90 -0.09 -3.38 | 19.11 -0.02 -0.28 | 40.87 -0.16 -0.33 |
| ROSETON___1 23587 | 12.43 0.46 -3.16 | 15.51 0.65 -2.17 | 14.09 0.43 -4.72 | 26.98 0.24 -21.71 | 37.06 0.07 -35.24 | 33.46 0.16 -29.54 | 25.70 0.33 -18.58 | 15.10 0.66 -2.83 | 26.62 1.14 -7.38 | 43.52 1.23 -24.04 | 45.23 0.99 -30.45 | 41.26 2.05 -10.78 | 40.08 2.10 -8.81 | 62.04 -0.09 -63.29 | 47.30 0.48 -39.02 | 28.47 1.49 -1.70 | 35.88 0.99 -19.57 | 36.30 1.22 -16.19 | 36.57 1.32 -16.00 | 37.61 0.86 -25.06 | 37.40 0.92 -23.30 | 38.04 0.68 -27.76 | 22.23 1.11 -2.27 | 45.77 2.19 -2.89 |
| ROSETON___2 23588 | 12.43 0.46 -3.16 | 15.51 0.65 -2.17 | 14.09 0.43 -4.72 | 26.98 0.24 -21.71 | 37.06 0.07 -35.24 | 33.46 0.16 -29.54 | 25.70 0.33 -18.58 | 15.10 0.66 -2.83 | 26.62 1.14 -7.38 | 43.52 1.23 -24.04 | 45.23 0.99 -30.45 | 41.26 2.05 -10.78 | 40.08 2.10 -8.81 | 62.04 -0.09 -63.29 | 47.30 0.48 -39.02 | 28.47 1.49 -1.70 | 35.88 0.99 -19.57 | 36.30 1.22 -16.19 | 36.57 1.32 -16.00 | 37.61 0.86 -25.06 | 37.40 0.92 -23.30 | 38.04 0.68 -27.76 | 22.23 1.11 -2.27 | 45.79 2.20 -2.89 |
| RUSSELL___STATION 23914 | 9.05 -0.12 -0.36 | 12.73 -0.20 -0.24 | 9.36 -0.12 -0.53 | 7.42 -0.07 -2.45 | 5.74 -0.02 -4.01 | 7.06 -0.04 -3.34 | 8.82 -0.07 -2.10 | 11.76 -0.17 -0.32 | 18.50 -0.43 -0.83 | 20.50 -0.49 -2.74 | 16.91 -0.37 -3.48 | 28.96 -0.70 -1.22 | 29.32 -0.84 -0.99 | 6.13 0.05 -7.24 | 12.07 -0.14 -4.41 | 25.20 -0.26 -0.19 | 17.34 -0.19 -2.21 | 20.58 -0.14 -1.83 | 20.73 -0.34 -1.81 | 14.41 -0.22 -2.94 | 15.77 -0.26 -2.84 | 12.80 -0.19 -3.38 | 18.92 -0.21 -0.28 | 40.34 -0.69 -0.33 |
| S SALMON___HYD 24043 | 8.85 -0.12 -0.17 | 12.61 -0.19 -0.12 | 9.07 -0.12 -0.25 | 6.13 -0.07 -1.16 | 3.58 -0.02 -1.86 | 5.28 -0.05 -1.57 | 7.69 -0.09 -0.99 | 11.61 -0.15 -0.15 | 18.26 -0.24 -0.39 | 19.28 -0.24 -1.27 | 15.12 -0.27 -1.60 | 28.56 -0.46 -0.57 | 29.23 -0.41 -0.47 | 2.19 0.02 -3.32 | 9.74 -0.13 -2.08 | 25.05 -0.31 -0.09 | 16.11 -0.25 -1.04 | 19.45 -0.30 -0.86 | 19.77 -0.34 -0.85 | 12.74 -0.23 -1.28 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.76 -0.21 -0.11 | 40.46 -0.39 -0.15 |
| SELKIRK___II 23799 | 13.77 0.59 -4.38 | 16.51 0.82 -3.00 | 16.10 0.62 -6.53 | 35.43 0.35 -30.04 | 50.66 0.12 -48.79 | 44.89 0.25 -40.88 | 32.91 0.40 -25.71 | 16.16 0.63 -3.91 | 29.39 1.08 -10.21 | 52.80 1.27 -33.28 | 56.82 0.86 -42.17 | 45.39 2.03 -14.91 | 43.48 2.12 -12.20 | 86.41 -0.08 -87.64 | 62.34 0.54 -54.00 | 29.35 1.73 -2.35 | 43.35 0.94 -27.09 | 42.49 1.19 -22.41 | 42.50 1.11 -22.14 | 47.01 0.57 -34.76 | 46.09 0.51 -32.39 | 48.65 0.45 -38.59 | 23.08 1.07 -3.15 | 47.38 2.68 -4.00 |
| SELKIRK___I 23801 | 13.69 0.53 -4.36 | 16.42 0.75 -2.98 | 16.01 0.56 -6.50 | 35.28 0.32 -29.92 | 50.39 0.11 -48.54 | 44.70 0.22 -40.72 | 32.72 0.31 -25.61 | 16.00 0.49 -3.90 | 29.14 0.87 -10.17 | 52.40 1.05 -33.09 | 56.42 0.71 -41.91 | 45.02 1.73 -14.85 | 43.11 1.80 -12.15 | 85.89 -0.07 -87.11 | 62.03 0.44 -53.79 | 29.06 1.44 -2.34 | 43.08 0.77 -26.98 | 42.19 0.98 -22.32 | 42.21 0.90 -22.05 | 46.53 0.44 -34.40 | 45.39 0.38 -31.82 | 47.88 0.35 -37.92 | 22.82 0.87 -3.09 | 46.85 2.17 -3.98 |
| SENECA OSWGO___HYD 24041 | 8.86 -0.16 -0.21 | 12.59 -0.25 -0.15 | 9.09 -0.17 -0.32 | 6.41 -0.09 -1.46 | 4.10 -0.03 -2.39 | 5.68 -0.07 -1.99 | 7.93 -0.12 -1.25 | 11.61 -0.20 -0.19 | 18.26 -0.33 -0.50 | 19.53 -0.36 -1.64 | 15.57 -0.30 -2.08 | 28.56 -0.61 -0.72 | 29.15 -0.60 -0.59 | 3.19 0.03 -4.32 | 10.26 -0.16 -2.62 | 24.90 -0.48 -0.11 | 16.33 -0.30 -1.32 | 19.61 -0.37 -1.09 | 19.96 -0.38 -1.08 | 13.22 -0.23 -1.76 | 14.63 -0.26 -1.70 | 11.45 -0.19 -2.03 | 18.64 -0.38 -0.17 | 40.18 -0.71 -0.19 |
| SENECA___ENERGY 23797 | 9.01 -0.17 -0.37 | 12.69 -0.25 -0.26 | 9.31 -0.20 -0.56 | 7.51 -0.10 -2.57 | 5.89 -0.04 -4.18 | 7.18 -0.07 -3.49 | 8.88 -0.11 -2.20 | 11.79 -0.16 -0.33 | 18.64 -0.33 -0.87 | 20.70 -0.41 -2.86 | 17.12 -0.29 -3.62 | 29.03 -0.68 -1.28 | 29.51 -0.70 -1.04 | 6.39 0.02 -7.52 | 12.30 -0.11 -4.62 | 25.09 -0.38 -0.20 | 17.33 -0.30 -2.32 | 20.45 -0.35 -1.92 | 20.81 -0.34 -1.89 | 14.61 -0.09 -3.01 | 15.89 -0.15 -2.84 | 12.87 -0.13 -3.38 | 18.81 -0.32 -0.28 | 40.18 -0.86 -0.34 |
| SHOEMAKER___GT 23640 | 11.96 0.25 -2.90 | 15.04 0.37 -1.99 | 13.50 0.23 -4.33 | 25.08 0.12 -19.92 | 34.15 0.04 -32.36 | 30.95 0.09 -27.10 | 24.03 0.19 -17.04 | 14.60 0.39 -2.59 | 25.53 0.66 -6.77 | 41.02 0.69 -22.08 | 42.35 0.58 -27.98 | 39.47 1.14 -9.89 | 38.40 1.15 -8.08 | 56.95 -0.05 -58.16 | 43.87 0.27 -35.80 | 27.66 0.82 -1.56 | 33.86 0.58 -17.96 | 34.45 0.71 -14.86 | 34.73 0.79 -14.68 | 35.34 0.54 -23.11 | 35.46 0.68 -21.59 | 35.78 0.45 -25.73 | 21.67 0.72 -2.10 | 44.55 1.21 -2.65 |
| SHOREHAM_IC_1 23715 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| SHOREHAM_IC_2 23716 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| SITHE_IND_GS1 24169 | 8.76 -0.22 -0.18 | 12.49 -0.32 -0.12 | 8.98 -0.23 -0.26 | 6.11 -0.13 -1.20 | 3.63 -0.04 -1.92 | 5.29 -0.10 -1.63 | 7.65 -0.17 -1.03 | 11.49 -0.28 -0.16 | 18.04 -0.47 -0.41 | 19.05 -0.51 -1.31 | 15.07 -0.37 -1.65 | 28.23 -0.81 -0.60 | 28.82 -0.83 -0.49 | 2.30 0.03 -3.43 | 9.74 -0.21 -2.15 | 24.69 -0.68 -0.09 | 16.00 -0.40 -1.08 | 19.30 -0.49 -0.89 | 19.66 -0.49 -0.88 | 12.74 -0.25 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.59 -0.38 -0.11 | 39.87 -0.99 -0.16 |
| SITHE_IND_GS2 24170 | 8.76 -0.22 -0.18 | 12.49 -0.32 -0.12 | 8.98 -0.23 -0.26 | 6.11 -0.13 -1.20 | 3.63 -0.04 -1.92 | 5.29 -0.10 -1.63 | 7.65 -0.17 -1.03 | 11.49 -0.28 -0.16 | 18.04 -0.47 -0.41 | 19.05 -0.51 -1.31 | 15.07 -0.37 -1.65 | 28.23 -0.81 -0.60 | 28.82 -0.83 -0.49 | 2.30 0.03 -3.43 | 9.74 -0.21 -2.15 | 24.69 -0.68 -0.09 | 16.00 -0.40 -1.08 | 19.30 -0.49 -0.89 | 19.66 -0.49 -0.88 | 12.74 -0.25 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.59 -0.38 -0.11 | 39.87 -0.99 -0.16 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| SITHE_IND_GS3 24171 | 8.76 -0.22 -0.18 | 12.49 -0.32 -0.12 | 8.98 -0.23 -0.26 | 6.11 -0.13 -1.20 | 3.63 -0.04 -1.92 | 5.29 -0.10 -1.63 | 7.65 -0.17 -1.03 | 11.49 -0.28 -0.16 | 18.04 -0.47 -0.41 | 19.05 -0.51 -1.31 | 15.07 -0.37 -1.65 | 28.23 -0.81 -0.60 | 28.82 -0.83 -0.49 | 2.30 0.03 -3.43 | 9.74 -0.21 -2.15 | 24.69 -0.68 -0.09 | 16.00 -0.40 -1.08 | 19.30 -0.49 -0.89 | 19.66 -0.49 -0.88 | 12.74 -0.25 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.59 -0.38 -0.11 | 39.87 -0.99 -0.16 |
| SITHE_IND_GS4 24172 | 8.76 -0.22 -0.18 | 12.49 -0.32 -0.12 | 8.98 -0.23 -0.26 | 6.11 -0.13 -1.20 | 3.63 -0.04 -1.92 | 5.29 -0.10 -1.63 | 7.65 -0.17 -1.03 | 11.49 -0.28 -0.16 | 18.04 -0.47 -0.41 | 19.05 -0.51 -1.31 | 15.07 -0.37 -1.65 | 28.23 -0.81 -0.60 | 28.82 -0.83 -0.49 | 2.30 0.03 -3.43 | 9.74 -0.21 -2.15 | 24.69 -0.68 -0.09 | 16.00 -0.40 -1.08 | 19.30 -0.49 -0.89 | 19.66 -0.49 -0.88 | 12.74 -0.25 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.59 -0.38 -0.11 | 39.87 -0.99 -0.16 |
| SITHE__BATAVIA 24024 | 9.05 -0.21 -0.45 | 12.69 -0.31 -0.31 | 9.38 -0.24 -0.68 | 8.01 -0.14 -3.11 | 6.76 -0.05 -5.06 | 7.90 -0.09 -4.23 | 9.32 -0.13 -2.66 | 11.80 -0.23 -0.40 | 18.65 -0.51 -1.06 | 21.07 -0.63 -3.45 | 17.80 -0.37 -4.38 | 29.03 -0.96 -1.54 | 29.41 -1.02 -1.26 | 7.98 0.03 -9.10 | 13.18 -0.20 -5.59 | 24.88 -0.64 -0.24 | 17.85 -0.28 -2.80 | 20.91 -0.30 -2.32 | 21.25 -0.30 -2.29 | 15.23 -0.08 -3.63 | 16.71 0.11 -3.41 | 13.70 0.03 -4.06 | 19.08 -0.11 -0.33 | 40.27 -0.85 -0.41 |
| SITHE__INDEPEND 23800 | 8.76 -0.22 -0.18 | 12.49 -0.32 -0.12 | 8.98 -0.23 -0.26 | 6.11 -0.13 -1.20 | 3.63 -0.04 -1.92 | 5.29 -0.10 -1.63 | 7.65 -0.17 -1.03 | 11.49 -0.28 -0.16 | 18.04 -0.47 -0.41 | 19.05 -0.51 -1.31 | 15.07 -0.37 -1.65 | 28.23 -0.81 -0.60 | 28.82 -0.83 -0.49 | 2.30 0.03 -3.43 | 9.74 -0.21 -2.15 | 24.69 -0.68 -0.09 | 16.00 -0.40 -1.08 | 19.30 -0.49 -0.89 | 19.66 -0.49 -0.88 | 12.74 -0.25 -1.30 | 14.06 -0.26 -1.13 | 10.77 -0.19 -1.35 | 18.59 -0.38 -0.11 | 39.87 -0.99 -0.16 |
| SITHE__MASSENA 23902 | 8.68 -0.03 0.09 | 12.60 -0.03 0.06 | 8.80 -0.02 0.13 | 4.42 -0.01 0.61 | 0.77 0.00 0.97 | 2.92 -0.01 0.83 | 6.24 -0.03 0.52 | 11.47 -0.07 0.08 | 17.82 -0.07 0.21 | 17.52 -0.07 0.66 | 12.87 -0.08 0.84 | 28.05 -0.09 0.30 | 28.83 -0.09 0.25 | -2.88 0.01 1.74 | 6.67 -0.03 1.09 | 25.19 -0.03 0.05 | 14.69 -0.08 0.55 | 18.33 -0.10 0.45 | 18.62 -0.19 0.45 | 10.82 -0.21 0.66 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.60 -0.20 0.06 | 40.39 -0.23 0.08 |
| SITHE__OGDNSBRG 24021 | 9.00 0.28 0.08 | 13.05 0.41 0.05 | 9.13 0.31 0.12 | 4.66 0.17 0.55 | 0.92 0.06 0.89 | 3.14 0.13 0.75 | 6.53 0.21 0.47 | 11.87 0.33 0.07 | 18.50 0.59 0.19 | 18.25 0.61 0.61 | 13.37 0.34 0.77 | 29.09 0.92 0.27 | 29.95 1.01 0.22 | -2.78 -0.03 1.59 | 7.04 0.23 0.99 | 26.17 0.94 0.04 | 15.25 0.43 0.50 | 19.00 0.53 0.41 | 19.23 0.38 0.40 | 11.18 0.12 0.62 | 12.63 0.00 0.57 | 9.02 0.08 0.67 | 19.34 0.54 0.06 | 42.01 1.39 0.07 |
| SITHE__STERLING 23777 | 9.02 0.20 -0.01 | 12.97 0.28 -0.01 | 9.17 0.20 -0.02 | 5.24 0.11 -0.09 | 1.91 0.03 -0.13 | 3.94 0.07 -0.12 | 6.99 0.12 -0.07 | 11.83 0.20 -0.01 | 18.45 0.32 -0.03 | 18.66 0.33 -0.08 | 14.07 0.17 -0.10 | 28.92 0.43 -0.04 | 29.74 0.53 -0.04 | -0.95 -0.01 -0.21 | 8.10 0.14 -0.16 | 25.83 0.55 -0.01 | 15.69 0.29 -0.08 | 19.31 0.36 -0.07 | 19.65 0.32 -0.06 | 11.95 0.21 -0.05 | 13.32 0.13 0.00 | 9.80 0.19 0.00 | 19.23 0.37 0.00 | 41.51 0.80 -0.01 |
| SOUTH CAIRO__GT 23612 | 13.02 0.48 -3.73 | 15.93 0.68 -2.56 | 15.01 0.50 -5.57 | 30.94 0.29 -25.62 | 43.40 0.10 -41.55 | 38.84 0.22 -34.86 | 29.07 0.36 -21.92 | 15.52 0.57 -3.34 | 27.70 0.90 -8.71 | 47.56 0.98 -28.33 | 50.45 0.77 -35.88 | 42.73 1.57 -12.72 | 41.18 1.61 -10.40 | 73.36 -0.07 -74.59 | 54.30 0.46 -46.05 | 28.63 1.35 -2.01 | 39.27 0.85 -23.10 | 39.08 1.08 -19.11 | 39.26 1.12 -18.88 | 41.88 0.73 -29.46 | 41.22 0.76 -27.27 | 42.68 0.57 -32.50 | 22.45 0.95 -2.65 | 46.50 2.39 -3.41 |
| SOUTH HAMPTN__IC 23720 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| SOUTHOLD__IC 23719 | 12.40 0.42 -3.17 | 15.45 0.59 -2.17 | 14.06 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.72 0.30 -18.62 | 33.15 0.65 -20.88 | 34.79 1.06 -15.63 | 44.86 1.07 -25.54 | 45.16 0.85 -30.51 | 41.04 1.80 -10.80 | 39.88 1.88 -8.84 | 62.18 -0.08 -63.42 | 47.34 0.42 -39.12 | 28.26 1.28 -1.70 | 35.81 0.87 -19.63 | 36.15 1.03 -16.23 | 36.42 1.12 -16.04 | 37.53 0.74 -25.10 | 37.28 0.80 -23.30 | 37.85 0.48 -27.76 | 21.86 0.74 -2.27 | 45.48 1.89 -2.89 |
| ST LAWRENCE____ 23600 | 8.63 -0.09 0.09 | 12.52 -0.11 0.06 | 8.73 -0.08 0.14 | 4.36 -0.04 0.63 | 0.72 -0.01 1.01 | 2.86 -0.03 0.86 | 6.18 -0.07 0.54 | 11.40 -0.13 0.08 | 17.69 -0.19 0.22 | 17.36 -0.20 0.69 | 12.77 -0.15 0.87 | 27.84 -0.28 0.32 | 28.60 -0.31 0.26 | -2.94 0.01 1.80 | 6.58 -0.08 1.14 | 25.01 -0.22 0.05 | 14.58 -0.17 0.57 | 18.19 -0.22 0.47 | 18.53 -0.26 0.47 | 10.80 -0.22 0.67 | 12.36 -0.26 0.57 | 8.74 -0.19 0.67 | 18.59 -0.21 0.06 | 40.15 -0.46 0.08 |
| STATION 5_MISC_HYD 23604 | 9.36 0.20 -0.35 | 13.16 0.23 -0.24 | 9.64 0.16 -0.53 | 7.57 0.10 -2.43 | 5.77 0.04 -3.98 | 7.15 0.08 -3.31 | 9.02 0.14 -2.08 | 12.16 0.23 -0.32 | 19.26 0.33 -0.83 | 21.37 0.40 -2.72 | 17.57 0.32 -3.46 | 30.46 0.81 -1.21 | 30.96 0.81 -0.99 | 6.02 -0.02 -7.19 | 12.43 0.26 -4.37 | 26.47 1.01 -0.19 | 18.10 0.59 -2.19 | 21.51 0.81 -1.81 | 21.70 0.65 -1.79 | 15.05 0.43 -2.93 | 16.45 0.42 -2.84 | 13.35 0.36 -3.38 | 19.87 0.74 -0.28 | 42.34 1.32 -0.32 |
| STURGEON_POOL_HYD 23609 | 12.68 0.53 -3.34 | 15.73 0.75 -2.29 | 14.43 0.50 -4.98 | 28.24 0.28 -22.92 | 39.02 0.09 -37.18 | 35.14 0.20 -31.19 | 26.79 0.39 -19.61 | 15.34 0.74 -2.98 | 27.15 1.26 -7.79 | 44.97 1.36 -25.35 | 47.00 1.09 -32.11 | 42.08 2.26 -11.38 | 40.78 2.31 -9.30 | 65.49 -0.10 -66.75 | 49.47 0.48 -41.20 | 28.25 1.19 -1.79 | 36.78 0.79 -20.67 | 36.97 0.98 -17.10 | 37.23 1.08 -16.89 | 38.77 0.71 -26.38 | 38.38 0.76 -24.43 | 39.28 0.56 -29.11 | 21.98 0.75 -2.38 | 45.44 1.69 -3.05 |
| SYRACUSE__POWER 24017 | 9.02 -0.04 -0.26 | 12.80 -0.07 -0.18 | 9.29 -0.05 -0.39 | 6.80 -0.03 -1.78 | 4.60 -0.01 -2.86 | 6.16 -0.02 -2.42 | 8.29 -0.03 -1.52 | 11.80 -0.05 -0.23 | 18.56 -0.14 -0.60 | 20.01 -0.18 -1.94 | 16.08 -0.17 -2.46 | 28.98 -0.35 -0.88 | 29.55 -0.34 -0.72 | 3.97 0.02 -5.10 | 10.93 -0.07 -3.20 | 25.20 -0.22 -0.14 | 16.77 -0.16 -1.61 | 20.03 -0.18 -1.33 | 20.38 -0.19 -1.31 | 13.53 -0.11 -1.95 | 14.76 -0.13 -1.70 | 11.56 -0.08 -2.03 | 18.85 -0.17 -0.17 | 40.59 -0.34 -0.24 |
| Stony__Brook 24151 | 12.39 0.42 -3.17 | 15.45 0.59 -2.17 | 14.07 0.39 -4.73 | 27.03 0.23 -21.76 | 37.14 0.07 -35.32 | 33.52 0.15 -29.61 | 25.71 0.29 -18.62 | 33.13 0.63 -20.88 | 34.73 1.00 -15.63 | 44.78 0.99 -25.54 | 45.10 0.80 -30.51 | 40.93 1.68 -10.80 | 39.76 1.76 -8.84 | 62.19 -0.08 -63.42 | 47.30 0.39 -39.12 | 28.19 1.22 -1.70 | 35.77 0.83 -19.63 | 36.01 0.89 -16.23 | 36.23 0.93 -16.04 | 37.40 0.62 -25.10 | 37.14 0.65 -23.30 | 37.73 0.37 -27.76 | 21.72 0.60 -2.27 | 45.23 1.64 -2.89 |
| UPPER HUDSON__HYD 24058 | 14.01 0.50 -4.70 | 16.45 0.55 -3.22 | 16.34 0.38 -7.01 | 37.50 0.22 -32.24 | 54.19 0.10 -52.35 | 47.85 0.22 -43.87 | 34.64 0.25 -27.59 | 16.13 0.32 -4.20 | 29.73 0.68 -10.96 | 54.91 0.96 -35.70 | 59.68 0.66 -45.23 | 46.10 1.66 -16.00 | 44.50 2.25 -13.09 | 92.77 -0.09 -94.02 | 66.38 0.63 -57.95 | 29.32 1.52 -2.53 | 45.16 0.77 -29.07 | 43.98 1.04 -24.05 | 43.97 0.96 -23.76 | 49.41 0.47 -37.25 | 48.23 0.38 -34.66 | 51.24 0.33 -41.30 | 23.25 1.03 -3.37 | 47.88 2.90 -4.29 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| UPPER RAQUET___HYD 24056 | 8.55 -0.19 0.07 | 12.38 -0.26 0.05 | 8.67 -0.17 0.11 | 4.45 -0.10 0.49 | 0.91 -0.03 0.80 | 3.02 -0.07 0.67 | 6.22 -0.16 0.42 | 11.26 -0.29 0.06 | 17.55 -0.39 0.17 | 17.34 -0.37 0.55 | 12.74 -0.36 0.69 | 27.62 -0.58 0.24 | 28.42 -0.54 0.20 | -2.57 0.03 1.44 | 6.75 -0.17 0.88 | 24.81 -0.42 0.04 | 14.51 -0.37 0.44 | 18.07 -0.46 0.36 | 18.28 -0.62 0.36 | 10.62 -0.48 0.59 | 11.97 -0.66 0.57 | 8.51 -0.43 0.67 | 18.39 -0.40 0.06 | 39.85 -0.79 0.06 |
| US___GYPSUM 23809 | 8.96 -0.30 -0.45 | 12.57 -0.43 -0.31 | 9.29 -0.33 -0.68 | 7.97 -0.18 -3.11 | 6.75 -0.06 -5.06 | 7.87 -0.13 -4.24 | 9.27 -0.19 -2.66 | 11.69 -0.33 -0.41 | 18.45 -0.71 -1.06 | 20.84 -0.86 -3.45 | 17.63 -0.54 -4.38 | 28.65 -1.34 -1.55 | 29.01 -1.42 -1.26 | 8.00 0.05 -9.10 | 13.09 -0.30 -5.59 | 24.59 -0.93 -0.24 | 17.68 -0.44 -2.81 | 20.70 -0.51 -2.32 | 21.05 -0.50 -2.29 | 15.12 -0.19 -3.63 | 16.59 -0.01 -3.41 | 13.61 -0.06 -4.06 | 18.89 -0.29 -0.33 | 39.88 -1.23 -0.41 |
| VISCHER___FERRY HYD 24020 | 13.89 0.58 -4.51 | 16.56 0.79 -3.08 | 16.27 0.60 -6.72 | 36.30 0.34 -30.92 | 52.03 0.13 -50.16 | 46.09 0.26 -42.07 | 33.66 0.40 -26.46 | 16.22 0.58 -4.03 | 29.62 1.01 -10.51 | 53.69 1.24 -34.20 | 57.95 0.84 -43.32 | 45.77 1.98 -15.35 | 43.87 2.15 -12.55 | 88.80 -0.08 -90.04 | 63.95 0.57 -55.57 | 29.40 1.70 -2.42 | 44.13 0.93 -27.88 | 43.14 1.19 -23.06 | 43.15 1.11 -22.79 | 47.83 0.56 -35.58 | 46.66 0.51 -32.95 | 49.30 0.43 -39.27 | 23.13 1.07 -3.20 | 47.64 2.83 -4.11 |
| WADING RIVER_1-3_GRP5 24038 | 12.41 0.44 -3.17 | 15.47 0.61 -2.17 | 14.07 0.40 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.81 1.08 -15.63 | 44.88 1.09 -25.54 | 45.18 0.88 -30.51 | 41.08 1.83 -10.80 | 39.92 1.92 -8.84 | 62.19 -0.08 -63.42 | 47.35 0.43 -39.12 | 28.29 1.31 -1.70 | 35.83 0.89 -19.63 | 36.18 1.06 -16.23 | 36.44 1.14 -16.04 | 37.53 0.75 -25.10 | 37.29 0.80 -23.30 | 37.91 0.54 -27.76 | 21.90 0.78 -2.27 | 45.53 1.93 -2.89 |
| WADING RIVER_IC_1 23522 | 12.41 0.44 -3.17 | 15.47 0.61 -2.17 | 14.07 0.40 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.81 1.08 -15.63 | 44.88 1.09 -25.54 | 45.18 0.88 -30.51 | 41.08 1.83 -10.80 | 39.92 1.92 -8.84 | 62.19 -0.08 -63.42 | 47.35 0.43 -39.12 | 28.29 1.31 -1.70 | 35.83 0.89 -19.63 | 36.18 1.06 -16.23 | 36.44 1.14 -16.04 | 37.53 0.75 -25.10 | 37.29 0.80 -23.30 | 37.91 0.54 -27.76 | 21.90 0.78 -2.27 | 45.53 1.93 -2.89 |
| WADING RIVER_IC_2 23547 | 12.41 0.44 -3.17 | 15.47 0.61 -2.17 | 14.07 0.40 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.81 1.08 -15.63 | 44.88 1.09 -25.54 | 45.18 0.88 -30.51 | 41.08 1.83 -10.80 | 39.92 1.92 -8.84 | 62.19 -0.08 -63.42 | 47.35 0.43 -39.12 | 28.29 1.31 -1.70 | 35.83 0.89 -19.63 | 36.18 1.06 -16.23 | 36.44 1.14 -16.04 | 37.53 0.75 -25.10 | 37.29 0.80 -23.30 | 37.91 0.54 -27.76 | 21.90 0.78 -2.27 | 45.53 1.93 -2.89 |
| WADING RIVER_IC_3 23601 | 12.41 0.44 -3.17 | 15.47 0.61 -2.17 | 14.07 0.40 -4.73 | 27.04 0.23 -21.76 | 37.14 0.07 -35.32 | 33.53 0.16 -29.61 | 25.72 0.31 -18.62 | 33.16 0.66 -20.88 | 34.81 1.08 -15.63 | 44.88 1.09 -25.54 | 45.18 0.88 -30.51 | 41.08 1.84 -10.80 | 39.92 1.92 -8.84 | 62.19 -0.08 -63.42 | 47.35 0.43 -39.12 | 28.29 1.32 -1.70 | 35.83 0.89 -19.63 | 36.18 1.06 -16.23 | 36.45 1.15 -16.04 | 37.53 0.75 -25.10 | 37.29 0.80 -23.30 | 37.92 0.55 -27.76 | 21.92 0.80 -2.27 | 45.53 1.94 -2.89 |
| WALDEN___HYDRO 24148 | 12.42 0.44 -3.17 | 15.48 0.62 -2.17 | 14.08 0.41 -4.73 | 27.03 0.22 -21.77 | 37.14 0.07 -35.33 | 33.53 0.15 -29.62 | 25.74 0.31 -18.63 | 15.08 0.63 -2.83 | 26.61 1.11 -7.40 | 43.53 1.19 -24.09 | 45.28 0.97 -30.52 | 41.24 2.00 -10.80 | 40.05 2.05 -8.84 | 62.19 -0.09 -63.43 | 47.39 0.47 -39.13 | 28.44 1.46 -1.70 | 35.91 0.97 -19.63 | 36.32 1.19 -16.24 | 36.58 1.29 -16.04 | 37.64 0.85 -25.10 | 37.39 0.90 -23.30 | 38.04 0.67 -27.76 | 22.09 0.97 -2.27 | 45.64 2.04 -2.90 |
| WATERSIDE___6 8 9 23538 | 12.59 0.61 -3.17 | 15.72 0.86 -2.17 | 14.26 0.58 -4.73 | 27.13 0.32 -21.77 | 37.18 0.10 -35.33 | 33.60 0.22 -29.62 | 25.87 0.44 -18.63 | 15.32 0.87 -2.83 | 27.04 1.54 -7.40 | 44.00 1.65 -24.09 | 45.64 1.32 -30.52 | 41.99 2.75 -10.81 | 40.84 2.84 -8.84 | 62.16 -0.12 -63.44 | 47.58 0.65 -39.13 | 29.01 2.03 -1.70 | 36.28 1.33 -19.63 | 36.75 1.63 -16.24 | 37.04 1.74 -16.04 | 37.87 1.08 -25.10 | 37.79 1.30 -23.30 | 38.23 0.86 -27.76 | 22.64 1.52 -2.27 | 46.52 2.93 -2.90 |
| WATERTOWN___HYD 23805 | 8.76 -0.10 -0.05 | 12.56 -0.17 -0.04 | 8.94 -0.09 -0.08 | 5.36 -0.05 -0.37 | 2.36 -0.02 -0.63 | 4.23 -0.04 -0.51 | 7.04 -0.08 -0.32 | 11.52 -0.15 -0.05 | 18.07 -0.16 -0.13 | 18.57 -0.12 -0.44 | 14.07 -0.28 -0.56 | 28.31 -0.32 -0.19 | 29.13 -0.19 -0.15 | 0.04 0.03 -1.16 | 8.36 -0.12 -0.68 | 25.16 -0.14 -0.03 | 15.42 -0.24 -0.34 | 18.89 -0.28 -0.28 | 19.14 -0.39 -0.28 | 11.87 -0.33 -0.52 | 13.24 -0.52 -0.57 | 10.02 -0.26 -0.67 | 18.70 -0.21 -0.06 | 40.66 -0.09 -0.05 |
| WEST BABYLON___IC 23714 | 12.62 0.64 -3.17 | 15.76 0.90 -2.17 | 14.27 0.59 -4.73 | 27.13 0.33 -21.76 | 37.17 0.11 -35.32 | 33.60 0.23 -29.61 | 25.88 0.46 -18.62 | 33.41 0.91 -20.88 | 35.32 1.59 -15.63 | 45.49 1.70 -25.54 | 45.68 1.37 -30.51 | 42.10 2.85 -10.80 | 40.94 2.94 -8.84 | 62.15 -0.12 -63.42 | 47.56 0.65 -39.12 | 29.00 2.02 -1.70 | 36.26 1.32 -19.63 | 36.75 1.63 -16.23 | 37.04 1.75 -16.04 | 37.91 1.13 -25.10 | 37.82 1.33 -23.30 | 38.35 0.99 -27.76 | 22.66 1.54 -2.27 | 46.76 3.16 -2.89 |
| WEST CANADA___HYD 24049 | 8.66 0.06 0.20 | 12.63 0.08 0.14 | 8.70 0.06 0.30 | 3.68 0.03 1.39 | -0.53 0.01 2.29 | 1.89 0.03 1.89 | 5.65 0.05 1.19 | 11.51 0.08 0.18 | 17.76 0.13 0.47 | 16.84 0.15 1.57 | 11.92 0.12 1.99 | 27.99 0.24 0.69 | 28.85 0.25 0.56 | -5.30 -0.01 4.14 | 5.36 0.06 2.50 | 25.34 0.18 0.11 | 14.19 0.12 1.25 | 18.01 0.15 1.03 | 18.40 0.17 1.02 | 10.09 0.11 1.71 | 11.62 0.13 1.70 | 7.67 0.09 2.03 | 18.88 0.19 0.17 | 40.85 0.33 0.18 |
| WESTERN_NY_WIND 24143 | 9.05 -0.21 -0.45 | 12.69 -0.31 -0.31 | 9.38 -0.24 -0.68 | 8.01 -0.14 -3.11 | 6.76 -0.05 -5.06 | 7.90 -0.09 -4.23 | 9.32 -0.13 -2.66 | 11.80 -0.23 -0.40 | 18.65 -0.51 -1.06 | 21.07 -0.63 -3.45 | 17.80 -0.37 -4.38 | 29.03 -0.96 -1.54 | 29.41 -1.02 -1.26 | 7.98 0.03 -9.10 | 13.18 -0.20 -5.59 | 24.88 -0.64 -0.24 | 17.85 -0.28 -2.80 | 20.91 -0.30 -2.32 | 21.25 -0.30 -2.29 | 15.23 -0.08 -3.63 | 16.71 0.11 -3.41 | 13.70 0.03 -4.06 | 19.08 -0.11 -0.33 | 40.27 -0.85 -0.41 |
| YORK___WARBASSE 23770 | 12.63 0.65 -3.17 | 15.76 0.90 -2.17 | 14.28 0.60 -4.73 | 27.14 0.33 -21.77 | 37.18 0.11 -35.33 | 33.61 0.23 -29.62 | 25.89 0.47 -18.63 | 15.38 0.92 -2.83 | 27.12 1.62 -7.40 | 44.09 1.74 -24.09 | 45.71 1.40 -30.52 | 42.16 2.91 -10.81 | 41.01 3.01 -8.84 | 62.15 -0.13 -63.44 | 47.62 0.70 -39.13 | 29.12 2.14 -1.70 | 36.37 1.42 -19.63 | 36.85 1.72 -16.24 | 37.14 1.83 -16.04 | 37.97 1.18 -25.10 | 37.79 1.31 -23.30 | 38.32 0.95 -27.76 | 22.81 1.69 -2.27 | 46.76 3.17 -2.90 |