

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/06/2001

| 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 | 50.76 | 24.00 | 7.69 | 10.30 | 8.12 | 21.52 | 40.27 | 41.39 | 37.97 | 74.81 | 33.63 | 43.00 | 42.99 | 44.00 | 46.81 | 38.24 | 43.28 | 35.11 | 31.42 | 23.11 | 37.24 | 48.27 | 39.73 | 27.92 |
| 24138 | 2.81 | 1.21 | 0.40 | 0.53 | 0.41 | 1.19 | 3.02 | 2.05 | 2.97 | 0.66 | 2.02 | 1.90 | 2.08 | 1.80 | 2.00 | 2.10 | 2.04 | 2.87 | 2.03 | 1.97 | 1.90 | 1.75 | 1.74 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -18.32 | -3.86 | -67.41 | -10.38 | -22.21 | -20.02 | -24.15 | -24.59 | -14.88 | -21.00 | -3.81 | -9.60 | -1.58 | -18.02 | -28.74 | -20.14 | -0.29 |
| 74TH STREET_GT_1 | 50.76 | 24.00 | 7.69 | 10.30 | 8.12 | 21.52 | 40.27 | 41.39 | 37.97 | 74.81 | 33.63 | 43.00 | 42.99 | 44.00 | 46.81 | 38.24 | 43.28 | 35.11 | 31.42 | 23.11 | 37.24 | 48.27 | 39.73 | 27.92 |
| 24260 | 2.81 | 1.21 | 0.40 | 0.53 | 0.41 | 1.19 | 3.02 | 2.05 | 2.97 | 0.66 | 2.02 | 1.90 | 2.08 | 1.80 | 2.00 | 2.10 | 2.04 | 2.87 | 2.03 | 1.97 | 1.90 | 1.75 | 1.74 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -18.32 | -3.86 | -67.41 | -10.38 | -22.21 | -20.02 | -24.15 | -24.59 | -14.88 | -21.00 | -3.81 | -9.60 | -1.58 | -18.02 | -28.74 | -20.14 | -0.29 |
| 74TH STREET_GT_2 | 50.76 | 24.00 | 7.69 | 10.30 | 8.12 | 21.52 | 40.27 | 41.39 | 37.97 | 74.81 | 33.63 | 43.00 | 42.99 | 44.00 | 46.81 | 38.24 | 43.28 | 35.11 | 31.42 | 23.11 | 37.24 | 48.27 | 39.73 | 27.92 |
| 24261 | 2.81 | 1.21 | 0.40 | 0.53 | 0.41 | 1.19 | 3.02 | 2.05 | 2.97 | 0.66 | 2.02 | 1.90 | 2.08 | 1.80 | 2.00 | 2.10 | 2.04 | 2.87 | 2.03 | 1.97 | 1.90 | 1.75 | 1.74 | 1.97 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -18.32 | -3.86 | -67.41 | -10.38 | -22.21 | -20.02 | -24.15 | -24.59 | -14.88 | -21.00 | -3.81 | -9.60 | -1.58 | -18.02 | -28.74 | -20.14 | -0.29 |
| ADK HUDSON___FALLS | 49.88 | 23.37 | 7.35 | 9.91 | 7.88 | 21.14 | 38.90 | 45.19 | 33.95 | 52.15 | 34.95 | 33.36 | 44.61 | 29.67 | 37.03 | 24.00 | 19.63 | 34.05 | 32.26 | 21.68 | 36.82 | 54.84 | 43.92 | 26.53 |
| 24011 | 1.93 | 0.58 | 0.05 | 0.14 | 0.17 | 0.82 | 1.65 | 0.77 | 0.93 | 0.19 | 0.47 | 0.62 | 0.81 | 0.47 | 0.37 | 0.37 | 0.33 | 0.76 | 0.22 | 0.10 | 0.04 | 0.39 | 0.34 | 0.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.39 | -1.88 | -45.22 | -13.26 | -13.85 | -22.91 | -11.15 | -16.43 | -2.38 | 0.94 | -4.87 | -12.26 | -2.02 | -19.45 | -36.68 | -25.73 | -0.37 |
| ADK RESOURCE___RCVRY | 49.88 | 23.37 | 7.35 | 9.91 | 7.88 | 21.14 | 38.90 | 45.19 | 33.95 | 52.15 | 34.95 | 33.36 | 44.61 | 29.67 | 37.03 | 24.00 | 19.63 | 34.05 | 32.26 | 21.68 | 36.82 | 54.84 | 43.92 | 26.53 |
| 23798 | 1.93 | 0.58 | 0.05 | 0.14 | 0.17 | 0.82 | 1.65 | 0.77 | 0.93 | 0.19 | 0.47 | 0.62 | 0.81 | 0.47 | 0.37 | 0.37 | 0.33 | 0.76 | 0.22 | 0.10 | 0.04 | 0.39 | 0.34 | 0.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.39 | -1.88 | -45.22 | -13.26 | -13.85 | -22.91 | -11.15 | -16.43 | -2.38 | 0.94 | -4.87 | -12.26 | -2.02 | -19.45 | -36.68 | -25.73 | -0.37 |
| ADK S GLENS___FALLS | 49.88 | 23.37 | 7.35 | 9.91 | 7.88 | 21.14 | 38.90 | 45.19 | 33.95 | 52.15 | 34.95 | 33.36 | 44.61 | 29.67 | 37.03 | 24.00 | 19.63 | 34.05 | 32.26 | 21.68 | 36.82 | 54.84 | 43.92 | 26.53 |
| 24028 | 1.93 | 0.58 | 0.05 | 0.14 | 0.17 | 0.82 | 1.65 | 0.77 | 0.93 | 0.19 | 0.47 | 0.62 | 0.81 | 0.47 | 0.37 | 0.37 | 0.33 | 0.76 | 0.22 | 0.10 | 0.04 | 0.39 | 0.34 | 0.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.39 | -1.88 | -45.22 | -13.26 | -13.85 | -22.91 | -11.15 | -16.43 | -2.38 | 0.94 | -4.87 | -12.26 | -2.02 | -19.45 | -36.68 | -25.73 | -0.37 |
| ADK_NYS___DAM | 51.00 | 23.92 | 7.53 | 10.15 | 8.04 | 21.46 | 39.51 | 45.16 | 34.29 | 51.40 | 35.16 | 33.37 | 44.46 | 29.83 | 37.18 | 24.38 | 19.92 | 34.42 | 32.56 | 22.16 | 36.86 | 54.77 | 44.01 | 27.32 |
| 23527 | 3.05 | 1.12 | 0.23 | 0.38 | 0.34 | 1.13 | 2.26 | 1.10 | 1.31 | 0.31 | 0.88 | 0.90 | 1.03 | 0.90 | 0.89 | 0.90 | 0.80 | 1.20 | 0.70 | 0.61 | 0.41 | 0.89 | 0.82 | 1.29 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.04 | -1.84 | -44.35 | -13.05 | -13.57 | -22.55 | -10.87 | -16.07 | -2.23 | 1.13 | -4.79 | -12.07 | -1.99 | -19.13 | -36.11 | -25.33 | -0.36 |
| ALBANY___1 | 51.20 | 24.22 | 7.68 | 10.34 | 8.17 | 21.63 | 39.53 | 45.33 | 34.52 | 50.78 | 35.54 | 33.35 | 44.77 | 29.51 | 36.89 | 24.00 | 19.11 | 34.84 | 32.88 | 22.37 | 37.08 | 55.07 | 44.18 | 27.51 |
| 23571 | 3.25 | 1.43 | 0.38 | 0.57 | 0.46 | 1.30 | 2.28 | 1.15 | 1.61 | 0.40 | 1.19 | 1.14 | 1.28 | 1.11 | 1.15 | 1.20 | 1.15 | 1.60 | 0.97 | 0.81 | 0.70 | 1.04 | 0.90 | 1.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.15 | -1.78 | -43.65 | -13.12 | -13.31 | -22.60 | -10.35 | -15.52 | -1.55 | 2.28 | -4.81 | -12.12 | -1.99 | -19.06 | -36.26 | -25.42 | -0.36 |
| ALBANY___2 | 51.20 | 24.22 | 7.68 | 10.34 | 8.17 | 21.63 | 39.53 | 45.33 | 34.52 | 50.78 | 35.54 | 33.35 | 44.77 | 29.51 | 36.89 | 24.00 | 19.11 | 34.84 | 32.88 | 22.37 | 37.08 | 55.07 | 44.18 | 27.51 |
| 23572 | 3.25 | 1.43 | 0.38 | 0.57 | 0.46 | 1.30 | 2.28 | 1.15 | 1.61 | 0.40 | 1.19 | 1.14 | 1.28 | 1.11 | 1.15 | 1.20 | 1.15 | 1.60 | 0.97 | 0.81 | 0.70 | 1.04 | 0.90 | 1.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.15 | -1.78 | -43.65 | -13.12 | -13.31 | -22.60 | -10.35 | -15.52 | -1.55 | 2.28 | -4.81 | -12.12 | -1.99 | -19.06 | -36.26 | -25.42 | -0.36 |
| ALBANY___3 | 51.20 | 24.22 | 7.68 | 10.34 | 8.17 | 21.63 | 39.53 | 45.33 | 34.52 | 50.78 | 35.54 | 33.35 | 44.77 | 29.51 | 36.89 | 24.00 | 19.11 | 34.84 | 32.88 | 22.37 | 37.08 | 55.07 | 44.18 | 27.51 |
| 23573 | 3.25 | 1.43 | 0.38 | 0.57 | 0.46 | 1.30 | 2.28 | 1.15 | 1.61 | 0.40 | 1.19 | 1.14 | 1.28 | 1.11 | 1.15 | 1.20 | 1.15 | 1.60 | 0.97 | 0.81 | 0.70 | 1.04 | 0.90 | 1.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.15 | -1.78 | -43.65 | -13.12 | -13.31 | -22.60 | -10.35 | -15.52 | -1.55 | 2.28 | -4.81 | -12.12 | -1.99 | -19.06 | -36.26 | -25.42 | -0.36 |
| ALBANY___4 | 51.20 | 24.22 | 7.68 | 10.34 | 8.17 | 21.63 | 39.53 | 45.33 | 34.52 | 50.78 | 35.54 | 33.35 | 44.77 | 29.51 | 36.89 | 24.00 | 19.11 | 34.84 | 32.88 | 22.37 | 37.08 | 55.07 | 44.18 | 27.51 |
| 23574 | 3.25 | 1.43 | 0.38 | 0.57 | 0.46 | 1.30 | 2.28 | 1.15 | 1.61 | 0.40 | 1.19 | 1.14 | 1.28 | 1.11 | 1.15 | 1.20 | 1.15 | 1.60 | 0.97 | 0.81 | 0.70 | 1.04 | 0.90 | 1.49 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -23.15 | -1.78 | -43.65 | -13.12 | -13.31 | -22.60 | -10.35 | -15.52 | -1.55 | 2.28 | -4.81 | -12.12 | -1.99 | -19.06 | -36.26 | -25.42 | -0.36 |
| ALLEGHENY___COGEN | 48.34 | 23.07 | 7.39 | 9.94 | 7.84 | 20.70 | 37.75 | 24.31 | 31.76 | 16.13 | 23.40 | 22.17 | 24.48 | 21.37 | 23.91 | 23.17 | 22.50 | 29.25 | 21.52 | 19.92 | 20.27 | 22.86 | 21.34 | 26.01 |
| 23514 | 0.39 | 0.27 | 0.10 | 0.17 | 0.13 | 0.38 | 0.50 | 0.12 | 0.14 | 0.07 | 0.37 | 0.25 | 0.26 | 0.25 | 0.27 | 0.28 | 0.20 | 0.16 | 0.07 | 0.09 | 0.03 | 0.11 | 0.00 | 0.30 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -3.17 | -0.49 | -9.32 | -1.81 | -3.02 | -3.33 | -3.06 | -3.42 | -1.64 | -2.05 | -0.66 | -1.66 | -0.27 | -2.92 | -4.97 | -3.48 | -0.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| AMERICAN_REF_FUEL 24010 | 44.50 -3.45 0.00 | 21.37 -1.43 0.00 | 6.95 -0.35 0.00 | 9.19 -0.58 0.00 | 7.24 -0.46 0.00 | 18.98 -1.35 0.00 | 34.57 -2.68 0.00 | 22.37 -1.47 -2.82 | 29.74 -1.83 -0.44 | 14.50 -0.51 -8.27 | 21.41 -1.42 -1.60 | 20.15 -1.42 -2.68 | 22.23 -1.62 -2.95 | 19.38 -1.39 -2.71 | 21.77 -1.48 -3.03 | 21.23 -1.47 -1.45 | 20.56 -1.50 -1.82 | 26.80 -2.21 -0.59 | 20.07 -1.19 -1.47 | 18.93 -0.88 -0.24 | 18.95 -0.96 -2.59 | 20.91 -1.29 -4.42 | 19.81 -1.13 -3.09 | 24.20 -1.51 -0.04 |
| AMERICAN__BRASS 23903 | 44.50 -3.45 0.00 | 21.37 -1.43 0.00 | 6.95 -0.35 0.00 | 9.19 -0.58 0.00 | 7.24 -0.46 0.00 | 18.98 -1.35 0.00 | 34.57 -2.68 0.00 | 22.40 -1.47 -2.84 | 29.75 -1.83 -0.44 | 14.58 -0.51 -8.35 | 21.42 -1.42 -1.62 | 20.18 -1.42 -2.70 | 22.26 -1.62 -2.98 | 19.40 -1.39 -2.74 | 21.80 -1.48 -3.06 | 21.25 -1.47 -1.46 | 20.58 -1.50 -1.84 | 26.81 -2.21 -0.59 | 20.09 -1.19 -1.49 | 18.93 -0.88 -0.24 | 18.98 -0.96 -2.61 | 20.94 -1.29 -4.46 | 19.83 -1.13 -3.11 | 24.20 -1.51 -0.04 |
| ARTHUR KILL_GT_1 23520 | 50.74 2.79 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.29 0.53 0.00 | 8.11 0.41 0.00 | 21.51 1.19 0.00 | 40.25 3.00 0.00 | 41.34 1.99 -18.32 | 37.74 2.75 -3.86 | 74.74 0.60 -67.41 | 33.46 1.85 -10.38 | 42.88 1.78 -22.21 | 42.80 1.89 -20.02 | 43.83 1.63 -24.15 | 46.61 1.80 -24.59 | 38.04 1.90 -14.88 | 43.06 1.82 -21.00 | 34.81 2.57 -3.81 | 31.29 1.90 -9.60 | 22.96 1.82 -1.58 | 37.10 1.76 -18.02 | 48.08 1.57 -28.74 | 39.57 1.58 -20.14 | 27.81 1.86 -0.29 |
| ARTHUR_KILL_2 23512 | 50.74 2.79 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.29 0.53 0.00 | 8.11 0.41 0.00 | 21.51 1.19 0.00 | 40.25 3.00 0.00 | 41.34 1.99 -18.32 | 37.74 2.75 -3.86 | 74.74 0.60 -67.41 | 33.46 1.85 -10.38 | 42.88 1.78 -22.21 | 42.80 1.89 -20.02 | 43.83 1.63 -24.15 | 46.61 1.80 -24.59 | 38.04 1.90 -14.88 | 43.06 1.82 -21.00 | 34.81 2.57 -3.81 | 31.29 1.90 -9.60 | 22.96 1.82 -1.58 | 37.10 1.76 -18.02 | 48.08 1.57 -28.74 | 39.57 1.58 -20.14 | 27.81 1.86 -0.29 |
| ARTHUR_KILL_3 23513 | 50.78 2.83 0.00 | 24.02 1.22 0.00 | 7.70 0.40 0.00 | 10.30 0.53 0.00 | 8.12 0.42 0.00 | 21.53 1.20 0.00 | 40.28 3.03 0.00 | 41.37 2.03 -18.32 | 37.91 2.91 -3.86 | 74.80 0.65 -67.41 | 33.58 1.97 -10.38 | 42.97 1.86 -22.21 | 42.94 2.03 -20.02 | 43.95 1.75 -24.15 | 46.75 1.94 -24.59 | 38.18 2.04 -14.88 | 43.21 1.97 -21.00 | 35.02 2.78 -3.81 | 31.37 1.98 -9.60 | 23.06 1.92 -1.58 | 37.19 1.84 -18.02 | 48.22 1.71 -28.74 | 39.71 1.71 -20.14 | 27.91 1.96 -0.29 |
| ASHOKAN____ 23654 | 49.69 1.74 0.00 | 23.61 0.82 0.00 | 7.55 0.26 0.00 | 10.13 0.36 0.00 | 7.99 0.28 0.00 | 21.11 0.78 0.00 | 38.99 1.75 0.00 | 41.87 1.09 -19.76 | 36.09 1.62 -3.33 | 68.66 0.35 -61.57 | 33.51 1.08 -11.20 | 39.88 0.99 -20.00 | 42.86 1.09 -20.88 | 39.69 0.96 -20.68 | 43.77 1.07 -22.48 | 33.91 1.10 -11.56 | 36.42 1.04 -15.14 | 34.00 1.46 -4.12 | 31.21 1.05 -10.38 | 22.31 1.05 -1.71 | 36.78 0.97 -18.49 | 49.73 0.95 -31.01 | 40.60 0.96 -21.78 | 27.08 1.11 -0.31 |
| ASTORIA 5-9____ 23662 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.01 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.20 -22.21 | 43.28 2.37 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.50 2.36 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.57 2.06 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA GT2____ 23536 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA GT3____ 23731 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA GT4____ 23727 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT2_1 24094 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT2_2 24095 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT2_3 24096 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT2_4 24097 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT3_1 24098 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT3_2 24099 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |

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|------------------------|-----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| ASTORIA_GT3_3 24100 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT3_4 24101 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT4_1 24102 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT4_2 24103 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT4_3 24104 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT4_4 24105 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.00 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.19 -22.21 | 43.26 2.35 -20.02 | 44.25 2.05 -24.15 | 47.04 2.23 -24.59 | 38.46 2.33 -14.88 | 43.50 2.26 -21.00 | 35.56 3.32 -3.81 | 31.78 2.38 -9.60 | 23.43 2.29 -1.58 | 37.53 2.19 -18.02 | 48.55 2.04 -28.74 | 40.06 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT_1 23523 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| ASTORIA_GT_10 24110 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| ASTORIA_GT_11 24225 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| ASTORIA_GT_12 24226 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| ASTORIA_GT_13 24227 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| ASTORIA_GT_5 24106 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.01 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.20 -22.21 | 43.28 2.37 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.50 2.36 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.57 2.06 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT_7 24107 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.01 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.20 -22.21 | 43.28 2.37 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.50 2.36 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.57 2.06 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT_8 24108 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.01 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.20 -22.21 | 43.28 2.37 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.50 2.36 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.57 2.06 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA_GT_9 24109 | 51.86 3.91 0.00 | 24.57 1.78 0.00 | 7.86 0.56 0.00 | 10.51 0.74 0.00 | 8.29 0.58 0.00 | 22.00 1.67 0.00 | 41.36 4.11 0.00 | 42.01 2.66 -18.32 | 38.81 3.81 -3.86 | 74.98 0.83 -67.41 | 33.99 2.38 -10.38 | 43.30 2.20 -22.21 | 43.28 2.37 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.50 2.36 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.57 2.06 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| ASTORIA___2 24149 | 52.01 4.06 0.00 | 24.64 1.84 0.00 | 7.88 0.58 0.00 | 10.54 0.77 0.00 | 8.31 0.60 0.00 | 22.06 1.73 0.00 | 41.48 4.23 0.00 | 42.08 2.73 -18.32 | 38.92 3.92 -3.86 | 75.00 0.85 -67.41 | 34.06 2.45 -10.38 | 43.37 2.26 -22.21 | 43.34 2.43 -20.02 | 44.32 2.12 -24.15 | 47.13 2.32 -24.59 | 38.56 2.42 -14.88 | 43.59 2.35 -21.00 | 35.69 3.45 -3.81 | 31.86 2.47 -9.60 | 23.52 2.37 -1.58 | 37.61 2.26 -18.02 | 48.62 2.11 -28.74 | 40.12 2.12 -20.14 | 28.55 2.59 -0.29 |

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| ASTORIA___3 23516 | 51.71 3.76 0.00 | 24.50 1.70 0.00 | 7.84 0.54 0.00 | 10.48 0.71 0.00 | 8.26 0.56 0.00 | 21.94 1.61 0.00 | 41.23 3.98 0.00 | 41.93 2.58 -18.32 | 38.66 3.67 -3.86 | 74.95 0.80 -67.41 | 33.83 2.22 -10.38 | 43.14 2.04 -22.21 | 43.10 2.19 -20.02 | 44.11 1.91 -24.15 | 46.90 2.09 -24.59 | 38.32 2.18 -14.88 | 43.36 2.12 -21.00 | 35.37 3.13 -3.81 | 31.66 2.27 -9.60 | 23.33 2.19 -1.58 | 37.44 2.09 -18.02 | 48.44 1.93 -28.74 | 39.94 1.95 -20.14 | 28.32 2.37 -0.29 |
| ASTORIA___4 23517 | 51.31 3.36 0.00 | 24.28 1.49 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.20 0.50 0.00 | 21.76 1.43 0.00 | 40.79 3.54 0.00 | 41.68 2.34 -18.32 | 38.37 3.37 -3.86 | 74.89 0.74 -67.41 | 33.84 2.23 -10.38 | 43.19 2.09 -22.21 | 43.17 2.26 -20.02 | 44.16 1.96 -24.15 | 46.96 2.16 -24.59 | 38.40 2.26 -14.88 | 43.42 2.18 -21.00 | 35.36 3.12 -3.81 | 31.61 2.22 -9.60 | 23.30 2.15 -1.58 | 37.41 2.06 -18.02 | 48.45 1.93 -28.74 | 39.93 1.93 -20.14 | 28.26 2.31 -0.29 |
| ASTORIA___5 23518 | 51.64 3.69 0.00 | 24.48 1.68 0.00 | 7.83 0.53 0.00 | 10.47 0.70 0.00 | 8.26 0.55 0.00 | 21.92 1.59 0.00 | 41.18 3.93 0.00 | 41.88 2.53 -18.32 | 38.57 3.57 -3.86 | 74.91 0.77 -67.41 | 33.81 2.20 -10.38 | 43.14 2.03 -22.21 | 43.10 2.19 -20.02 | 44.11 1.91 -24.15 | 46.89 2.09 -24.59 | 38.32 2.18 -14.88 | 43.36 2.12 -21.00 | 35.35 3.11 -3.81 | 31.62 2.23 -9.60 | 23.29 2.15 -1.58 | 37.40 2.06 -18.02 | 48.42 1.90 -28.74 | 39.91 1.91 -20.14 | 28.23 2.28 -0.29 |
| ASTRIA 10-13____ 23663 | 51.33 3.37 0.00 | 24.29 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.81 3.57 0.00 | 41.70 2.35 -18.32 | 38.39 3.39 -3.86 | 74.90 0.75 -67.41 | 33.86 2.25 -10.38 | 43.20 2.10 -22.21 | 43.18 2.27 -20.02 | 44.17 1.97 -24.15 | 46.97 2.16 -24.59 | 38.41 2.27 -14.88 | 43.43 2.19 -21.00 | 35.38 3.14 -3.81 | 31.63 2.24 -9.60 | 23.31 2.17 -1.58 | 37.43 2.08 -18.02 | 48.46 1.95 -28.74 | 39.95 1.95 -20.14 | 28.28 2.33 -0.29 |
| BARRETT 1-8___GRP4 24034 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT 9-12___GRP3 24033 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_1 23704 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_10 23701 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_11 23702 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_12 23703 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_2 23705 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_3 23706 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_4 23707 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_5 23708 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_6 23709 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_7 23710 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |

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|-----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_8 23711 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT_IC_9 23700 | 50.02 2.07 0.00 | 23.69 0.89 0.00 | 7.61 0.32 0.00 | 10.22 0.45 0.00 | 8.05 0.34 0.00 | 37.17 1.01 -15.84 | 43.85 2.52 -4.08 | 41.00 1.66 -18.32 | 37.64 2.37 -4.13 | 74.63 0.50 -67.39 | 33.01 1.40 -10.38 | 42.56 1.46 -22.20 | 43.59 1.67 -21.03 | 44.71 1.44 -25.21 | 47.39 1.60 -25.58 | 46.02 1.66 -23.11 | 46.11 1.58 -24.29 | 41.79 2.29 -11.08 | 39.42 1.63 -18.01 | 38.17 1.59 -17.02 | 39.58 1.53 -20.74 | 47.85 1.34 -28.73 | 39.31 1.31 -20.14 | 27.38 1.43 -0.29 |
| BARRETT___1 23545 | 49.78 1.83 0.00 | 23.59 0.79 0.00 | 7.59 0.30 0.00 | 10.20 0.43 0.00 | 8.03 0.32 0.00 | 37.13 0.96 -15.84 | 43.75 2.42 -4.08 | 40.92 1.58 -18.32 | 37.51 2.24 -4.13 | 74.60 0.47 -67.39 | 32.90 1.29 -10.38 | 42.47 1.38 -22.20 | 43.52 1.60 -21.03 | 44.64 1.38 -25.21 | 47.32 1.52 -25.58 | 45.94 1.57 -23.11 | 46.03 1.49 -24.29 | 41.70 2.19 -11.08 | 39.37 1.58 -18.01 | 38.12 1.54 -17.02 | 39.52 1.47 -20.74 | 47.76 1.26 -28.73 | 39.22 1.22 -20.14 | 27.28 1.33 -0.29 |
| BARRETT___2 23546 | 49.90 1.95 0.00 | 23.63 0.84 0.00 | 7.60 0.31 0.00 | 10.20 0.43 0.00 | 8.03 0.33 0.00 | 37.14 0.97 -15.84 | 43.74 2.42 -4.08 | 40.92 1.58 -18.32 | 37.51 2.24 -4.13 | 74.59 0.47 -67.39 | 32.89 1.28 -10.38 | 42.47 1.37 -22.20 | 43.49 1.57 -21.03 | 44.62 1.36 -25.21 | 47.29 1.50 -25.58 | 45.91 1.55 -23.11 | 45.99 1.46 -24.29 | 41.65 2.14 -11.08 | 39.34 1.54 -18.01 | 38.09 1.51 -17.02 | 39.50 1.44 -20.74 | 47.74 1.23 -28.73 | 39.19 1.19 -20.14 | 27.25 1.30 -0.29 |
| BEAVER RIVER___HYD 24048 | 49.22 1.27 0.00 | 23.39 0.60 0.00 | 7.46 0.17 0.00 | 10.00 0.23 0.00 | 7.89 0.18 0.00 | 20.85 0.52 0.00 | 37.72 0.47 0.00 | 21.46 0.05 -0.39 | 31.26 0.05 -0.07 | 8.11 0.06 -1.31 | 21.64 0.19 -0.22 | 19.52 0.19 -0.43 | 21.53 0.23 -0.42 | 18.71 0.20 -0.46 | 20.86 0.17 -0.48 | 21.75 0.22 -0.27 | 20.78 0.17 -0.36 | 28.72 0.21 -0.08 | 20.09 0.11 -0.20 | 19.60 0.00 -0.03 | 17.69 0.00 -0.37 | 18.63 0.25 -0.60 | 18.37 0.09 -0.42 | 26.25 0.58 -0.01 |
| BEEBEE_GT_13 23619 | 47.74 -0.21 0.00 | 22.66 -0.14 0.00 | 7.25 -0.04 0.00 | 9.75 -0.01 0.00 | 7.76 0.06 0.00 | 20.47 0.15 0.00 | 37.20 -0.05 0.00 | 23.08 -0.16 -2.21 | 31.50 0.02 -0.34 | 13.28 0.05 -6.49 | 22.76 0.28 -1.25 | 21.24 0.25 -2.10 | 23.45 0.24 -2.31 | 20.40 0.22 -2.12 | 22.83 0.24 -2.37 | 22.69 0.31 -1.14 | 21.90 0.22 -1.43 | 29.03 0.14 -0.46 | 20.97 0.04 -1.15 | 19.71 -0.05 -0.19 | 19.19 -0.17 -2.03 | 21.27 0.04 -3.46 | 20.03 -0.23 -2.40 | 25.65 -0.05 -0.03 |
| BETHLEHEM___STEEL 23779 | 44.82 -3.13 0.00 | 21.52 -1.27 0.00 | 7.00 -0.29 0.00 | 9.26 -0.51 0.00 | 7.30 -0.41 0.00 | 19.13 -1.20 0.00 | 34.86 -2.39 0.00 | 22.74 -1.30 -3.02 | 29.97 -1.63 -0.47 | 15.17 -0.45 -8.89 | 21.73 -1.22 -1.72 | 20.53 -1.24 -2.87 | 22.64 -1.42 -3.17 | 19.75 -1.22 -2.92 | 22.20 -1.28 -3.26 | 21.53 -1.28 -1.56 | 20.87 -1.33 -1.95 | 27.10 -1.95 -0.63 | 20.34 -1.04 -1.59 | 19.09 -0.73 -0.26 | 19.31 -0.79 -2.78 | 21.38 -1.14 -4.74 | 20.23 -0.97 -3.34 | 24.38 -1.33 -0.05 |
| BINGHAMTON___COGEN 23790 | 48.48 0.53 0.00 | 23.09 0.29 0.00 | 7.42 0.13 0.00 | 9.94 0.17 0.00 | 7.85 0.14 0.00 | 20.65 0.32 0.00 | 37.77 0.52 0.00 | 27.41 0.38 -6.01 | 32.51 0.44 -0.93 | 24.48 0.11 -17.63 | 24.88 0.25 -3.41 | 24.80 0.21 -5.69 | 27.41 0.24 -6.28 | 24.03 0.20 -5.77 | 26.91 0.24 -6.45 | 24.64 0.30 -3.09 | 24.50 0.37 -3.88 | 30.26 0.59 -1.25 | 23.37 0.43 -3.16 | 20.50 0.42 -0.52 | 23.31 0.46 -5.53 | 27.58 0.38 -9.42 | 24.93 0.43 -6.64 | 26.14 0.38 -0.09 |
| BLACK RIVER___HYD 24047 | 48.84 0.89 0.00 | 23.20 0.41 0.00 | 7.41 0.11 0.00 | 9.92 0.15 0.00 | 7.83 0.13 0.00 | 20.70 0.38 0.00 | 37.34 0.10 0.00 | 21.53 -0.20 -0.71 | 30.94 -0.32 -0.12 | 8.93 -0.01 -2.20 | 21.61 -0.01 -0.40 | 19.63 0.02 -0.71 | 21.68 0.04 -0.74 | 18.83 0.04 -0.74 | 21.00 -0.01 -0.80 | 21.70 0.04 -0.41 | 20.77 -0.01 -0.54 | 28.51 -0.06 -0.15 | 20.08 -0.08 -0.37 | 19.42 -0.20 -0.06 | 17.80 -0.17 -0.66 | 19.00 0.12 -1.10 | 18.56 -0.06 -0.77 | 26.12 0.44 -0.01 |
| BOWLINE___1 23526 | 49.97 2.02 0.00 | 23.67 0.88 0.00 | 7.59 0.29 0.00 | 10.16 0.39 0.00 | 8.00 0.30 0.00 | 21.19 0.86 0.00 | 39.42 2.17 0.00 | 40.45 1.51 -17.92 | 37.10 2.21 -3.76 | 72.90 0.48 -65.68 | 32.89 1.51 -10.16 | 41.91 1.39 -21.63 | 41.98 1.53 -19.57 | 42.88 1.33 -23.49 | 45.67 1.49 -23.96 | 37.25 1.55 -14.45 | 42.11 1.51 -20.36 | 34.26 2.11 -3.73 | 30.64 1.46 -9.40 | 22.54 1.43 -1.55 | 36.33 1.39 -17.61 | 47.16 1.27 -28.11 | 38.82 1.25 -19.71 | 27.24 1.30 -0.28 |
| BOWLINE___2 23595 | 49.97 2.02 0.00 | 23.67 0.88 0.00 | 7.59 0.29 0.00 | 10.16 0.39 0.00 | 8.00 0.30 0.00 | 21.19 0.86 0.00 | 39.42 2.17 0.00 | 40.46 1.51 -17.93 | 37.10 2.21 -3.76 | 72.92 0.48 -65.69 | 32.89 1.51 -10.16 | 41.92 1.39 -21.63 | 41.99 1.53 -19.57 | 42.89 1.33 -23.50 | 45.68 1.49 -23.96 | 37.26 1.55 -14.46 | 42.12 1.51 -20.37 | 34.26 2.11 -3.73 | 30.64 1.46 -9.40 | 22.54 1.43 -1.55 | 36.33 1.39 -17.61 | 47.16 1.27 -28.12 | 38.83 1.25 -19.72 | 27.24 1.30 -0.28 |
| BROOKLYN_NAVY_YARD 23515 | 50.50 2.55 0.00 | 23.88 1.08 0.00 | 7.66 0.37 0.00 | 10.26 0.49 0.00 | 8.08 0.38 0.00 | 21.43 1.10 0.00 | 40.09 2.84 0.00 | 41.28 1.94 -18.32 | 37.82 2.82 -3.86 | 74.78 0.63 -67.41 | 33.53 1.92 -10.38 | 42.93 1.82 -22.21 | 42.91 2.00 -20.02 | 43.92 1.72 -24.15 | 46.73 1.92 -24.59 | 38.16 2.02 -14.88 | 43.20 1.95 -21.00 | 34.98 2.74 -3.81 | 31.33 1.94 -9.60 | 23.01 1.87 -1.58 | 37.14 1.80 -18.02 | 48.16 1.65 -28.74 | 39.63 1.63 -20.14 | 27.81 1.86 -0.29 |
| BURROWS___LYONSDAL 23803 | 48.98 1.03 0.00 | 23.28 0.48 0.00 | 7.44 0.15 0.00 | 9.97 0.20 0.00 | 7.87 0.16 0.00 | 20.78 0.46 0.00 | 37.83 0.59 0.00 | 21.46 0.24 -0.21 | 31.51 0.33 -0.05 | 7.66 0.10 -0.83 | 21.66 0.31 -0.12 | 19.46 0.29 -0.27 | 21.44 0.32 -0.23 | 18.64 0.28 -0.30 | 20.81 0.29 -0.30 | 21.77 0.32 -0.19 | 20.81 0.29 -0.28 | 28.85 0.38 -0.04 | 20.14 0.24 -0.11 | 19.77 0.19 -0.02 | 17.70 0.18 -0.20 | 18.41 0.32 -0.31 | 18.34 0.24 -0.24 | 26.18 0.52 0.00 |
| CARR STREET_E_SYR 24060 | 46.97 -0.98 0.00 | 22.35 -0.44 0.00 | 7.18 -0.12 0.00 | 9.61 -0.16 0.00 | 7.58 -0.12 0.00 | 19.98 -0.35 0.00 | 36.44 -0.80 0.00 | 22.06 -0.48 -1.51 | 30.70 -0.68 -0.24 | 11.05 -0.14 -4.45 | 21.66 -0.41 -0.85 | 19.93 -0.40 -1.43 | 22.01 -0.45 -1.56 | 19.13 -0.38 -1.45 | 21.41 -0.42 -1.62 | 21.61 -0.43 -0.79 | 20.82 -0.43 -1.00 | 28.11 -0.62 -0.31 | 20.17 -0.41 -0.79 | 19.31 -0.38 -0.13 | 18.38 -0.33 -1.39 | 19.80 -0.34 -2.36 | 19.14 -0.35 -1.63 | 25.22 -0.47 -0.02 |
| CARTHAGE___PAPER 23857 | 48.84 0.89 0.00 | 23.20 0.41 0.00 | 7.41 0.11 0.00 | 9.92 0.15 0.00 | 7.83 0.13 0.00 | 20.70 0.38 0.00 | 37.34 0.10 0.00 | 21.44 -0.20 -0.62 | 30.93 -0.32 -0.11 | 8.68 -0.01 -1.95 | 21.57 -0.01 -0.35 | 19.55 0.02 -0.63 | 21.58 0.04 -0.65 | 18.75 0.04 -0.66 | 20.91 -0.01 -0.71 | 21.66 0.04 -0.37 | 20.72 -0.01 -0.49 | 28.49 -0.06 -0.13 | 20.03 -0.08 -0.32 | 19.42 -0.20 -0.05 | 17.72 -0.17 -0.58 | 18.86 0.12 -0.96 | 18.48 -0.06 -0.69 | 26.11 0.44 -0.01 |
| CH_MISC_IPPS 23765 | 49.63 1.68 0.00 | 23.49 0.70 0.00 | 7.56 0.26 0.00 | 10.13 0.36 0.00 | 7.98 0.27 0.00 | 21.04 0.72 0.00 | 39.01 1.76 0.00 | 41.02 1.25 -18.74 | 36.56 1.80 -3.62 | 71.62 0.39 -64.49 | 33.06 1.21 -10.62 | 41.16 1.13 -21.13 | 42.34 1.25 -20.20 | 41.67 1.09 -22.52 | 44.93 1.22 -23.50 | 35.88 1.24 -13.38 | 39.86 1.22 -18.40 | 34.02 1.69 -3.90 | 30.77 1.14 -9.84 | 22.28 1.10 -1.62 | 36.45 1.08 -18.05 | 48.19 1.00 -29.41 | 39.51 1.00 -20.66 | 26.96 1.01 -0.30 |

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|------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CH_RES_BVR_FALLS 23983 | 48.13 0.18 0.00 | 22.89 0.09 0.00 | 7.32 0.02 0.00 | 9.80 0.03 0.00 | 7.72 0.02 0.00 | 20.38 0.06 0.00 | 37.32 0.07 0.00 | 20.43 0.01 0.61 | 31.11 0.02 0.06 | 5.46 0.01 1.28 | 20.91 0.02 0.34 | 18.52 0.02 0.40 | 20.31 0.02 0.60 | 17.73 0.02 0.35 | 19.76 0.02 0.48 | 21.16 0.03 0.12 | 20.20 0.02 0.07 | 28.34 0.04 0.13 | 19.49 0.02 0.32 | 19.52 0.01 0.05 | 16.80 0.00 0.52 | 16.83 0.01 0.95 | 17.18 0.00 0.68 | 25.70 0.05 0.01 |
| CH_RES_NIAGARA 23895 | 43.73 -4.22 0.00 | 21.04 -1.75 0.00 | 6.84 -0.45 0.00 | 9.03 -0.74 0.00 | 7.12 -0.58 0.00 | 18.63 -1.69 0.00 | 33.83 -3.42 0.00 | 21.90 -1.92 -2.79 | 29.09 -2.48 -0.43 | 14.22 -0.69 -8.17 | 20.75 -2.05 -1.58 | 19.52 -2.01 -2.64 | 21.53 -2.27 -2.90 | 18.78 -1.95 -2.67 | 21.11 -2.09 -2.99 | 20.59 -2.09 -1.43 | 19.99 -2.05 -1.80 | 26.04 -2.96 -0.58 | 19.63 -1.62 -1.46 | 18.57 -1.23 -0.24 | 18.55 -1.33 -2.57 | 20.44 -1.71 -4.38 | 19.41 -1.51 -3.06 | 23.75 -1.96 -0.04 |
| CH_RES_SYRACUSE 23985 | 46.28 -1.67 0.00 | 22.04 -0.76 0.00 | 7.09 -0.21 0.00 | 9.49 -0.28 0.00 | 7.49 -0.21 0.00 | 19.72 -0.61 0.00 | 35.93 -1.32 0.00 | 21.97 -0.76 -1.71 | 30.31 -1.09 -0.27 | 11.58 -0.23 -5.08 | 21.50 -0.70 -0.98 | 19.87 -0.67 -1.64 | 21.95 -0.75 -1.81 | 19.09 -0.64 -1.68 | 21.38 -0.71 -1.87 | 21.42 -0.73 -0.89 | 20.66 -0.71 -1.13 | 27.77 -1.01 -0.36 | 20.03 -0.65 -0.90 | 19.10 -0.61 -0.15 | 18.35 -0.55 -1.58 | 19.87 -0.59 -2.68 | 19.17 -0.58 -1.89 | 24.89 -0.80 -0.03 |
| CORNELL____ 23752 | 45.59 -2.36 0.00 | 21.62 -1.17 0.00 | 6.98 -0.31 0.00 | 9.54 -0.22 0.00 | 7.52 -0.18 0.00 | 19.72 -0.61 0.00 | 36.17 -1.08 0.00 | 23.31 -0.40 -2.69 | 31.18 -0.38 -0.42 | 14.78 0.01 -8.03 | 22.86 0.10 -1.54 | 21.35 -0.14 -2.60 | 23.53 -0.20 -2.84 | 20.55 -0.15 -2.65 | 22.97 -0.18 -2.94 | 22.39 -0.29 -1.42 | 21.75 -0.31 -1.81 | 28.39 -0.60 -0.56 | 20.78 -0.43 -1.42 | 19.44 -0.36 -0.23 | 19.51 -0.30 -2.49 | 21.65 -0.35 -4.23 | 20.39 -0.45 -2.98 | 24.72 -0.98 -0.04 |
| COXSACKIE___GT 23611 | 49.28 1.33 0.00 | 23.38 0.58 0.00 | 7.48 0.18 0.00 | 10.02 0.25 0.00 | 7.91 0.21 0.00 | 20.91 0.58 0.00 | 38.48 1.24 0.00 | 42.25 0.79 -20.44 | 35.30 1.19 -2.98 | 64.35 0.24 -57.37 | 33.53 0.72 -11.58 | 38.00 0.67 -18.44 | 42.81 0.75 -21.18 | 37.08 0.65 -18.37 | 41.93 0.74 -20.97 | 31.42 0.74 -9.43 | 32.36 0.68 -11.44 | 33.69 1.00 -4.26 | 31.23 0.71 -10.73 | 22.04 0.71 -1.76 | 36.52 0.62 -18.58 | 50.48 0.64 -32.06 | 41.05 0.66 -22.52 | 26.73 0.74 -0.32 |
| CRESCENT___HYD 24018 | 50.71 2.76 0.00 | 23.90 1.10 0.00 | 7.55 0.25 0.00 | 10.17 0.40 0.00 | 8.05 0.34 0.00 | 21.40 1.08 0.00 | 39.26 2.01 0.00 | 45.19 0.99 -23.18 | 34.26 1.29 -1.83 | 51.37 0.32 -44.31 | 35.29 0.93 -13.13 | 33.37 0.94 -13.54 | 44.62 1.07 -22.67 | 29.71 0.91 -10.75 | 37.10 0.91 -15.97 | 24.22 0.94 -2.02 | 19.63 0.88 1.50 | 34.53 1.28 -4.82 | 32.67 0.73 -12.15 | 22.16 0.60 -2.00 | 36.99 0.48 -19.19 | 54.94 0.85 -36.32 | 44.11 0.73 -25.52 | 27.22 1.19 -0.36 |
| DANSKAMMER___1 23586 | 49.22 1.27 0.00 | 23.31 0.51 0.00 | 7.52 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.22 0.00 | 20.87 0.55 0.00 | 38.61 1.36 0.00 | 40.79 1.02 -18.74 | 36.21 1.46 -3.62 | 71.55 0.32 -64.49 | 32.83 0.98 -10.62 | 40.96 0.93 -21.13 | 42.11 1.02 -20.20 | 41.47 0.90 -22.52 | 44.71 1.00 -23.50 | 35.64 1.01 -13.38 | 39.64 1.00 -18.40 | 33.71 1.38 -3.90 | 30.56 0.93 -9.84 | 22.07 0.89 -1.62 | 36.27 0.90 -18.05 | 47.99 0.81 -29.41 | 39.32 0.81 -20.66 | 26.69 0.74 -0.30 |
| DANSKAMMER___2 23589 | 49.22 1.27 0.00 | 23.31 0.51 0.00 | 7.52 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.22 0.00 | 20.87 0.55 0.00 | 38.61 1.36 0.00 | 40.79 1.02 -18.74 | 36.21 1.46 -3.62 | 71.55 0.32 -64.49 | 32.83 0.98 -10.62 | 40.96 0.93 -21.13 | 42.11 1.02 -20.20 | 41.47 0.90 -22.52 | 44.71 1.00 -23.50 | 35.64 1.01 -13.38 | 39.64 1.00 -18.40 | 33.71 1.38 -3.90 | 30.56 0.93 -9.84 | 22.07 0.89 -1.62 | 36.27 0.90 -18.05 | 47.99 0.81 -29.41 | 39.32 0.81 -20.66 | 26.69 0.74 -0.30 |
| DANSKAMMER___3 23590 | 49.22 1.27 0.00 | 23.31 0.51 0.00 | 7.52 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.22 0.00 | 20.87 0.55 0.00 | 38.61 1.36 0.00 | 40.79 1.02 -18.74 | 36.21 1.46 -3.62 | 71.55 0.32 -64.49 | 32.83 0.98 -10.62 | 40.96 0.93 -21.13 | 42.11 1.02 -20.20 | 41.47 0.90 -22.52 | 44.71 1.00 -23.50 | 35.64 1.01 -13.38 | 39.64 1.00 -18.40 | 33.71 1.38 -3.90 | 30.56 0.93 -9.84 | 22.07 0.89 -1.62 | 36.27 0.90 -18.05 | 47.99 0.81 -29.41 | 39.32 0.81 -20.66 | 26.69 0.74 -0.30 |
| DANSKAMMER___4 23591 | 49.22 1.27 0.00 | 23.31 0.51 0.00 | 7.52 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.22 0.00 | 20.87 0.55 0.00 | 38.61 1.36 0.00 | 40.79 1.02 -18.74 | 36.21 1.46 -3.62 | 71.55 0.32 -64.49 | 32.83 0.98 -10.62 | 40.96 0.93 -21.13 | 42.11 1.02 -20.20 | 41.47 0.90 -22.52 | 44.71 1.00 -23.50 | 35.64 1.01 -13.38 | 39.64 1.00 -18.40 | 33.71 1.38 -3.90 | 30.56 0.93 -9.84 | 22.07 0.89 -1.62 | 36.27 0.90 -18.05 | 47.99 0.81 -29.41 | 39.32 0.81 -20.66 | 26.69 0.74 -0.30 |
| DANSKAMMER___DIESEL 23592 | 49.22 1.27 0.00 | 23.31 0.51 0.00 | 7.52 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.22 0.00 | 20.87 0.55 0.00 | 38.61 1.36 0.00 | 40.79 1.02 -18.74 | 36.21 1.46 -3.62 | 71.55 0.32 -64.49 | 32.83 0.98 -10.62 | 40.96 0.93 -21.13 | 42.11 1.02 -20.20 | 41.47 0.90 -22.52 | 44.71 1.00 -23.50 | 35.64 1.01 -13.38 | 39.64 1.00 -18.40 | 33.71 1.38 -3.90 | 30.56 0.93 -9.84 | 22.07 0.89 -1.62 | 36.27 0.90 -18.05 | 47.99 0.81 -29.41 | 39.32 0.81 -20.66 | 26.69 0.74 -0.30 |
| DASHVILLE___HYD 23610 | 49.48 1.53 0.00 | 23.43 0.64 0.00 | 7.52 0.23 0.00 | 10.08 0.31 0.00 | 7.94 0.24 0.00 | 20.96 0.64 0.00 | 38.86 1.61 0.00 | 41.04 1.14 -18.88 | 36.28 1.57 -3.57 | 71.10 0.36 -64.00 | 33.06 1.13 -10.70 | 40.87 1.03 -20.94 | 42.29 1.12 -20.28 | 41.28 0.98 -22.24 | 44.68 1.12 -23.34 | 35.51 1.15 -13.11 | 39.33 1.16 -17.92 | 33.97 1.61 -3.93 | 30.77 1.08 -9.90 | 22.25 1.06 -1.63 | 36.46 1.04 -18.10 | 48.34 0.95 -29.62 | 39.63 0.99 -20.78 | 27.00 1.04 -0.30 |
| DOGLEVILLE___HYD 23807 | 49.00 1.05 0.00 | 23.12 0.32 0.00 | 7.39 0.10 0.00 | 9.94 0.17 0.00 | 7.86 0.15 0.00 | 20.88 0.55 0.00 | 39.17 1.92 0.00 | 22.20 1.41 0.24 | 33.10 1.97 0.01 | 6.74 0.40 0.39 | 22.16 1.07 0.14 | 19.84 1.06 0.12 | 21.85 1.19 0.23 | 18.96 0.99 0.08 | 21.19 1.12 0.15 | 22.30 1.05 0.00 | 21.35 1.06 -0.04 | 30.01 1.64 0.05 | 20.75 1.09 0.13 | 20.59 1.04 0.02 | 18.11 0.98 0.19 | 18.43 1.04 0.38 | 18.60 1.02 0.28 | 26.39 0.73 0.00 |
| DUNKIRK___1 23563 | 43.95 -4.00 0.00 | 21.22 -1.58 0.00 | 7.01 -0.29 0.00 | 9.28 -0.49 0.00 | 7.29 -0.41 0.00 | 19.11 -1.21 0.00 | 34.70 -2.55 0.00 | 22.64 -1.56 -3.18 | 29.34 -2.29 -0.49 | 15.56 -0.52 -9.35 | 21.75 -1.29 -1.81 | 20.58 -1.34 -3.03 | 22.68 -1.54 -3.33 | 19.78 -1.34 -3.06 | 22.21 -1.44 -3.42 | 21.40 -1.49 -1.64 | 20.86 -1.44 -2.06 | 26.97 -2.12 -0.66 | 20.18 -1.28 -1.67 | 18.82 -1.01 -0.27 | 19.34 -0.91 -2.93 | 21.45 -1.31 -4.99 | 20.24 -1.11 -3.49 | 24.20 -1.51 -0.05 |
| DUNKIRK___2 23564 | 43.95 -4.00 0.00 | 21.22 -1.58 0.00 | 7.01 -0.29 0.00 | 9.28 -0.49 0.00 | 7.29 -0.41 0.00 | 19.11 -1.21 0.00 | 34.70 -2.55 0.00 | 22.64 -1.56 -3.18 | 29.34 -2.29 -0.49 | 15.56 -0.52 -9.35 | 21.75 -1.29 -1.81 | 20.58 -1.34 -3.03 | 22.68 -1.54 -3.33 | 19.78 -1.34 -3.06 | 22.21 -1.44 -3.42 | 21.40 -1.49 -1.64 | 20.86 -1.44 -2.06 | 26.97 -2.12 -0.66 | 20.18 -1.28 -1.67 | 18.82 -1.01 -0.27 | 19.34 -0.91 -2.93 | 21.45 -1.31 -4.99 | 20.24 -1.11 -3.49 | 24.20 -1.51 -0.05 |
| DUNKIRK___3 23565 | 44.16 -3.79 0.00 | 21.28 -1.51 0.00 | 7.00 -0.30 0.00 | 9.26 -0.51 0.00 | 7.28 -0.42 0.00 | 19.09 -1.23 0.00 | 34.70 -2.55 0.00 | 22.72 -1.51 -3.21 | 29.50 -2.13 -0.50 | 15.66 -0.51 -9.43 | 21.75 -1.31 -1.83 | 20.61 -1.34 -3.05 | 22.72 -1.53 -3.36 | 19.82 -1.32 -3.09 | 22.26 -1.42 -3.45 | 21.45 -1.46 -1.65 | 20.89 -1.43 -2.07 | 26.99 -2.10 -0.67 | 20.23 -1.24 -1.68 | 18.87 -0.97 -0.28 | 19.37 -0.90 -2.95 | 21.52 -1.29 -5.03 | 20.27 -1.10 -3.51 | 24.22 -1.49 -0.05 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| DUNKIRK___4 23566 | 44.16 -3.79 0.00 | 21.28 -1.51 0.00 | 7.00 -0.30 0.00 | 9.26 -0.51 0.00 | 7.28 -0.42 0.00 | 19.09 -1.23 0.00 | 34.70 -2.55 0.00 | 22.72 -1.51 -3.21 | 29.50 -2.13 -0.50 | 15.66 -0.51 -9.43 | 21.75 -1.31 -1.83 | 20.61 -1.34 -3.05 | 22.72 -1.53 -3.36 | 19.82 -1.32 -3.09 | 22.26 -1.42 -3.45 | 21.45 -1.46 -1.65 | 20.89 -1.43 -2.07 | 26.99 -2.10 -0.67 | 20.23 -1.24 -1.68 | 18.87 -0.97 -0.28 | 19.37 -0.90 -2.95 | 21.52 -1.29 -5.03 | 20.27 -1.10 -3.51 | 24.22 -1.49 -0.05 |
| EAST HAMPTON___GT 23717 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| EAST RIVER___6 23660 | 50.73 2.78 0.00 | 23.97 1.18 0.00 | 7.69 0.40 0.00 | 10.29 0.52 0.00 | 8.11 0.41 0.00 | 21.52 1.19 0.00 | 40.29 3.04 0.00 | 41.42 2.08 -18.32 | 38.02 3.03 -3.86 | 74.82 0.67 -67.41 | 33.65 2.04 -10.38 | 43.02 1.91 -22.21 | 43.00 2.09 -20.02 | 44.01 1.81 -24.15 | 46.83 2.03 -24.59 | 38.26 2.12 -14.88 | 43.34 2.09 -21.00 | 35.20 2.96 -3.81 | 31.49 2.10 -9.60 | 23.14 2.00 -1.58 | 37.28 1.94 -18.02 | 48.30 1.79 -28.74 | 39.75 1.75 -20.14 | 27.98 2.03 -0.29 |
| EAST RIVER___7 23524 | 50.73 2.78 0.00 | 23.97 1.18 0.00 | 7.69 0.40 0.00 | 10.29 0.52 0.00 | 8.11 0.41 0.00 | 21.52 1.19 0.00 | 40.29 3.04 0.00 | 41.42 2.08 -18.32 | 38.02 3.03 -3.86 | 74.82 0.67 -67.41 | 33.65 2.04 -10.38 | 43.02 1.91 -22.21 | 43.00 2.09 -20.02 | 44.01 1.81 -24.15 | 46.83 2.03 -24.59 | 38.26 2.12 -14.88 | 43.34 2.09 -21.00 | 35.20 2.96 -3.81 | 31.49 2.10 -9.60 | 23.14 2.00 -1.58 | 37.28 1.94 -18.02 | 48.30 1.79 -28.74 | 39.75 1.75 -20.14 | 27.98 2.03 -0.29 |
| EAST_HAMPTON___DIESEL 23722 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| E_CANADA_CAP_HY 24051 | 50.09 2.14 0.00 | 23.95 1.16 0.00 | 7.62 0.32 0.00 | 10.22 0.45 0.00 | 8.07 0.37 0.00 | 21.17 0.85 0.00 | 37.83 0.58 0.00 | 50.29 -0.03 -29.29 | 33.70 0.12 -2.44 | 64.53 0.09 -57.70 | 38.27 0.44 -16.60 | 36.93 0.31 -17.72 | 49.95 0.30 -28.76 | 32.89 0.29 -14.54 | 41.67 0.32 -21.14 | 25.27 0.42 -3.59 | 20.45 0.37 0.17 | 34.91 0.39 -6.10 | 35.36 0.21 -15.36 | 22.20 0.11 -2.53 | 41.81 -0.01 -24.50 | 64.00 0.28 -45.94 | 50.14 0.06 -32.22 | 27.04 0.91 -0.46 |
| E_CANADA_MHWK_HY 24050 | 49.00 1.05 0.00 | 23.12 0.32 0.00 | 7.39 0.10 0.00 | 9.94 0.17 0.00 | 7.86 0.15 0.00 | 20.88 0.55 0.00 | 39.17 1.92 0.00 | 22.20 1.41 0.24 | 33.10 1.97 0.01 | 6.74 0.40 0.39 | 22.16 1.07 0.14 | 19.84 1.06 0.12 | 21.85 1.19 0.23 | 18.96 0.99 0.08 | 21.19 1.12 0.15 | 22.30 1.05 0.00 | 21.35 1.06 -0.04 | 30.01 1.64 0.05 | 20.75 1.09 0.13 | 20.59 1.04 0.02 | 18.11 0.98 0.19 | 18.43 1.04 0.38 | 18.60 1.02 0.28 | 26.39 0.73 0.00 |
| E_FISHKILL___LBMP 23776 | 48.98 1.03 0.00 | 23.23 0.43 0.00 | 7.45 0.15 0.00 | 9.98 0.21 0.00 | 7.86 0.16 0.00 | 20.77 0.45 0.00 | 38.40 1.15 0.00 | 40.40 0.81 -18.57 | 36.21 1.14 -3.93 | 75.56 0.24 -68.58 | 32.48 0.72 -10.53 | 42.16 0.67 -22.60 | 41.94 0.74 -20.31 | 43.30 0.65 -24.59 | 45.96 0.72 -25.02 | 37.17 0.73 -15.19 | 42.41 0.72 -21.45 | 33.30 1.00 -3.87 | 30.21 0.68 -9.74 | 21.85 0.69 -1.60 | 36.29 0.68 -18.29 | 47.52 0.61 -29.13 | 38.96 0.67 -20.44 | 26.60 0.64 -0.29 |
| FAR ROCKAWAY___4 23548 | 49.96 2.01 0.00 | 23.68 0.88 0.00 | 7.60 0.31 0.00 | 10.25 0.48 0.00 | 8.06 0.36 0.00 | 37.24 1.07 -15.84 | 43.74 2.41 -4.08 | 40.87 1.53 -18.32 | 37.57 2.30 -4.13 | 74.61 0.48 -67.39 | 33.01 1.40 -10.38 | 42.56 1.47 -22.20 | 43.50 1.58 -21.03 | 44.59 1.32 -25.21 | 47.23 1.43 -25.58 | 45.86 1.50 -23.11 | 45.86 1.33 -24.29 | 41.60 2.10 -11.08 | 39.42 1.63 -18.01 | 38.18 1.60 -17.02 | 39.60 1.54 -20.74 | 47.88 1.38 -28.73 | 39.32 1.32 -20.14 | 27.38 1.43 -0.29 |
| FIBERTEK___ENERGY 23856 | 46.28 -1.67 0.00 | 22.04 -0.76 0.00 | 7.09 -0.21 0.00 | 9.49 -0.28 0.00 | 7.49 -0.21 0.00 | 19.72 -0.61 0.00 | 35.93 -1.32 0.00 | 21.97 -0.76 -1.71 | 30.31 -1.09 -0.27 | 11.58 -0.23 -5.08 | 21.50 -0.70 -0.98 | 19.87 -0.67 -1.64 | 21.95 -0.75 -1.81 | 19.09 -0.64 -1.68 | 21.38 -0.71 -1.87 | 21.42 -0.73 -0.89 | 20.66 -0.71 -1.13 | 27.77 -1.01 -0.36 | 20.03 -0.65 -0.90 | 19.10 -0.61 -0.15 | 18.35 -0.55 -1.58 | 19.87 -0.59 -2.68 | 19.17 -0.58 -1.89 | 24.89 -0.80 -0.03 |
| FITZPATRICK____ 23598 | 45.43 -2.52 0.00 | 21.61 -1.18 0.00 | 6.94 -0.36 0.00 | 9.28 -0.49 0.00 | 7.32 -0.38 0.00 | 19.29 -1.03 0.00 | 35.33 -1.92 0.00 | 21.06 -1.07 -1.11 | 29.76 -1.55 -0.17 | 9.63 -0.34 -3.24 | 20.79 -1.07 -0.63 | 18.97 -0.97 -1.05 | 20.97 -1.08 -1.15 | 18.19 -0.93 -1.06 | 20.37 -1.03 -1.18 | 20.74 -1.08 -0.57 | 19.93 -1.03 -0.71 | 27.20 -1.46 -0.23 | 19.38 -0.99 -0.58 | 18.72 -0.94 -0.10 | 17.50 -0.83 -1.02 | 18.61 -0.90 -1.73 | 18.19 -0.87 -1.20 | 24.39 -1.29 -0.02 |
| FORT ORANGE____ 23900 | 51.81 3.86 0.00 | 24.50 1.70 0.00 | 7.77 0.48 0.00 | 10.46 0.70 0.00 | 8.26 0.56 0.00 | 21.86 1.54 0.00 | 40.11 2.86 0.00 | 45.33 1.57 -22.74 | 35.33 2.21 -1.98 | 53.27 0.55 -45.98 | 35.78 1.67 -12.88 | 34.66 1.58 -14.18 | 45.05 1.76 -22.40 | 31.30 1.54 -11.70 | 38.32 1.64 -16.46 | 25.84 1.72 -2.87 | 21.91 1.66 -0.01 | 35.41 2.26 -4.73 | 33.11 1.41 -11.91 | 22.76 1.23 -1.96 | 37.47 1.14 -19.01 | 54.82 1.43 -35.62 | 44.10 1.26 -24.98 | 27.91 1.89 -0.36 |
| FORT_DRUM_COGEN 23780 | 48.73 0.78 0.00 | 23.15 0.35 0.00 | 7.39 0.09 0.00 | 9.90 0.13 0.00 | 7.81 0.11 0.00 | 20.65 0.32 0.00 | 37.26 0.01 0.00 | 21.46 -0.24 -0.68 | 30.87 -0.38 -0.12 | 8.84 -0.03 -2.13 | 21.55 -0.06 -0.39 | 19.57 -0.02 -0.69 | 21.60 -0.01 -0.72 | 18.77 0.00 -0.71 | 20.93 -0.06 -0.78 | 21.64 -0.01 -0.40 | 20.71 -0.06 -0.53 | 28.44 -0.13 -0.14 | 20.01 -0.13 -0.36 | 19.38 -0.25 -0.06 | 17.74 -0.22 -0.64 | 18.92 0.08 -1.07 | 18.50 -0.11 -0.75 | 26.02 0.34 -0.01 |
| FRANKLIN_FALL_HYD 24054 | 49.42 1.47 0.00 | 23.53 0.74 0.00 | 7.49 0.19 0.00 | 10.03 0.26 0.00 | 7.91 0.20 0.00 | 20.90 0.58 0.00 | 37.95 0.71 0.00 | 21.15 0.23 0.11 | 31.44 0.31 0.00 | 6.69 0.08 0.13 | 21.43 0.26 0.06 | 19.11 0.25 0.04 | 21.06 0.28 0.10 | 18.27 0.23 0.02 | 20.39 0.22 0.05 | 21.54 0.26 -0.02 | 20.53 0.24 -0.05 | 28.74 0.34 0.02 | 19.92 0.19 0.05 | 19.67 0.12 0.01 | 17.33 0.09 0.09 | 17.81 0.21 0.17 | 17.85 0.09 0.10 | 26.11 0.45 0.00 |
| FULTON COGEN____ 23766 | 46.87 -1.08 0.00 | 22.30 -0.49 0.00 | 7.15 -0.14 0.00 | 9.58 -0.19 0.00 | 7.55 -0.15 0.00 | 19.92 -0.41 0.00 | 36.34 -0.91 0.00 | 21.87 -0.55 -1.39 | 30.57 -0.79 -0.22 | 10.69 -0.16 -4.11 | 21.52 -0.50 -0.79 | 19.77 -0.46 -1.33 | 21.84 -0.51 -1.46 | 18.97 -0.43 -1.35 | 21.23 -0.49 -1.51 | 21.48 -0.50 -0.73 | 20.67 -0.49 -0.92 | 28.00 -0.71 -0.29 | 20.04 -0.47 -0.73 | 19.23 -0.46 -0.12 | 18.20 -0.41 -1.28 | 19.56 -0.40 -2.18 | 18.97 -0.41 -1.53 | 25.16 -0.53 -0.02 |
| GARDENVILLE___LBMP 24039 | 43.42 -4.53 0.00 | 20.96 -1.84 0.00 | 6.87 -0.43 0.00 | 9.07 -0.70 0.00 | 7.16 -0.54 0.00 | 18.67 -1.66 0.00 | 33.55 -3.70 0.00 | 21.87 -2.17 -3.02 | 28.62 -2.98 -0.47 | 14.87 -0.74 -8.87 | 20.82 -2.13 -1.72 | 19.68 -2.09 -2.87 | 21.71 -2.35 -3.17 | 18.92 -2.05 -2.91 | 21.29 -2.19 -3.26 | 20.65 -2.16 -1.56 | 20.04 -2.16 -1.95 | 26.00 -3.05 -0.63 | 19.58 -1.79 -1.59 | 18.33 -1.50 -0.26 | 18.63 -1.46 -2.77 | 20.65 -1.86 -4.73 | 19.57 -1.62 -3.33 | 23.64 -2.07 -0.05 |

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|---------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GENERAL___MILLS 23808 | 44.82 -3.13 0.00 | 21.52 -1.27 0.00 | 7.00 -0.29 0.00 | 9.26 -0.51 0.00 | 7.30 -0.41 0.00 | 19.13 -1.20 0.00 | 34.86 -2.39 0.00 | 22.74 -1.30 -3.02 | 29.97 -1.63 -0.47 | 15.17 -0.45 -8.89 | 21.73 -1.22 -1.72 | 20.53 -1.24 -2.87 | 22.64 -1.42 -3.17 | 19.75 -1.22 -2.92 | 22.20 -1.28 -3.26 | 21.53 -1.28 -1.56 | 20.87 -1.33 -1.95 | 27.10 -1.95 -0.63 | 20.34 -1.04 -1.59 | 19.09 -0.73 -0.26 | 19.31 -0.79 -2.78 | 21.38 -1.14 -4.74 | 20.23 -0.97 -3.34 | 24.38 -1.33 -0.05 |
| GILBOA___1 23756 | 50.90 2.95 0.00 | 24.21 1.42 0.00 | 7.69 0.39 0.00 | 10.34 0.57 0.00 | 8.16 0.46 0.00 | 21.48 1.15 0.00 | 38.98 1.73 0.00 | 39.62 0.77 -17.83 | 34.57 1.04 -2.39 | 54.28 0.28 -47.26 | 32.19 0.86 -10.11 | 34.83 0.84 -15.10 | 40.12 0.93 -18.29 | 33.57 0.82 -14.70 | 38.35 0.83 -17.31 | 29.26 0.87 -7.13 | 29.23 0.84 -8.14 | 33.25 1.12 -3.71 | 29.78 0.64 -9.35 | 21.59 0.49 -1.54 | 33.73 0.44 -15.97 | 46.47 0.72 -27.97 | 38.15 0.66 -19.63 | 27.28 1.34 -0.28 |
| GILBOA___2 23757 | 50.90 2.95 0.00 | 24.21 1.42 0.00 | 7.69 0.39 0.00 | 10.34 0.57 0.00 | 8.16 0.46 0.00 | 21.48 1.15 0.00 | 38.98 1.73 0.00 | 39.62 0.77 -17.83 | 34.57 1.04 -2.39 | 54.28 0.28 -47.26 | 32.19 0.86 -10.11 | 34.83 0.84 -15.10 | 40.12 0.93 -18.29 | 33.57 0.82 -14.70 | 38.35 0.83 -17.31 | 29.26 0.87 -7.13 | 29.23 0.84 -8.14 | 33.25 1.12 -3.71 | 29.78 0.64 -9.35 | 21.59 0.49 -1.54 | 33.73 0.44 -15.97 | 46.47 0.72 -27.97 | 38.15 0.66 -19.63 | 27.28 1.34 -0.28 |
| GILBOA___3 23758 | 50.90 2.95 0.00 | 24.21 1.42 0.00 | 7.69 0.39 0.00 | 10.34 0.57 0.00 | 8.16 0.46 0.00 | 21.48 1.15 0.00 | 38.98 1.73 0.00 | 39.62 0.77 -17.83 | 34.57 1.04 -2.39 | 54.28 0.28 -47.26 | 32.19 0.86 -10.11 | 34.83 0.84 -15.10 | 40.12 0.93 -18.29 | 33.57 0.82 -14.70 | 38.35 0.83 -17.31 | 29.26 0.87 -7.13 | 29.23 0.84 -8.14 | 33.25 1.12 -3.71 | 29.78 0.64 -9.35 | 21.59 0.49 -1.54 | 33.73 0.44 -15.97 | 46.47 0.72 -27.97 | 38.15 0.66 -19.63 | 27.28 1.34 -0.28 |
| GILBOA___4 23759 | 50.90 2.95 0.00 | 24.21 1.42 0.00 | 7.69 0.39 0.00 | 10.34 0.57 0.00 | 8.16 0.46 0.00 | 21.48 1.15 0.00 | 38.98 1.73 0.00 | 39.62 0.77 -17.83 | 34.57 1.04 -2.39 | 54.28 0.28 -47.26 | 32.19 0.86 -10.11 | 34.83 0.84 -15.10 | 40.12 0.93 -18.29 | 33.57 0.82 -14.70 | 38.35 0.83 -17.31 | 29.26 0.87 -7.13 | 29.23 0.84 -8.14 | 33.25 1.12 -3.71 | 29.78 0.64 -9.35 | 21.59 0.49 -1.54 | 33.73 0.44 -15.97 | 46.47 0.72 -27.97 | 38.15 0.66 -19.63 | 27.28 1.34 -0.28 |
| GILBOA___ 23599 | 50.90 2.95 0.00 | 24.21 1.42 0.00 | 7.69 0.39 0.00 | 10.34 0.57 0.00 | 8.16 0.46 0.00 | 21.48 1.15 0.00 | 38.98 1.73 0.00 | 39.62 0.77 -17.83 | 34.57 1.04 -2.39 | 54.28 0.28 -47.26 | 32.19 0.86 -10.11 | 34.83 0.84 -15.10 | 40.12 0.93 -18.29 | 33.57 0.82 -14.70 | 38.35 0.83 -17.31 | 29.26 0.87 -7.13 | 29.23 0.84 -8.14 | 33.25 1.12 -3.71 | 29.78 0.64 -9.35 | 21.59 0.49 -1.54 | 33.73 0.44 -15.97 | 46.47 0.72 -27.97 | 38.15 0.66 -19.63 | 27.28 1.34 -0.28 |
| GINNA___ 23603 | 45.66 -2.29 0.00 | 21.68 -1.12 0.00 | 6.93 -0.36 0.00 | 9.30 -0.47 0.00 | 7.37 -0.34 0.00 | 19.42 -0.90 0.00 | 35.13 -2.12 0.00 | 21.84 -1.36 -2.17 | 29.66 -1.82 -0.34 | 12.77 -0.35 -6.38 | 21.41 -1.05 -1.23 | 20.00 -0.96 -2.06 | 22.09 -1.07 -2.27 | 19.22 -0.93 -2.09 | 21.48 -1.07 -2.33 | 21.31 -1.07 -1.12 | 20.61 -1.04 -1.41 | 27.31 -1.56 -0.45 | 19.77 -1.15 -1.13 | 18.55 -1.20 -0.19 | 18.16 -1.15 -2.00 | 20.22 -0.96 -3.41 | 19.07 -1.15 -2.37 | 24.39 -1.30 -0.03 |
| GLEN PARK___ 23778 | 49.17 1.22 0.00 | 23.36 0.57 0.00 | 7.46 0.16 0.00 | 9.99 0.22 0.00 | 7.89 0.18 0.00 | 20.85 0.53 0.00 | 37.58 0.34 0.00 | 21.74 -0.07 -0.78 | 31.14 -0.13 -0.13 | 9.19 0.04 -2.42 | 21.80 0.13 -0.44 | 19.83 0.15 -0.78 | 21.90 0.19 -0.83 | 19.03 0.17 -0.81 | 21.23 0.13 -0.88 | 21.88 0.19 -0.44 | 20.95 0.13 -0.58 | 28.72 0.13 -0.16 | 20.23 0.04 -0.41 | 19.55 -0.08 -0.07 | 17.98 -0.06 -0.73 | 19.25 0.24 -1.23 | 18.76 0.06 -0.84 | 26.27 0.60 -0.01 |
| GLENWOOD_IC_1_G5 23712 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| GLENWOOD_IC_2_G1 23688 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| GLENWOOD_IC_3_G1 23689 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| GLENWOOD___4 23550 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| GLENWOOD___5 23614 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| GOUDEY___7 23579 | 48.78 0.83 0.00 | 23.23 0.43 0.00 | 7.46 0.17 0.00 | 10.00 0.23 0.00 | 7.89 0.19 0.00 | 20.80 0.48 0.00 | 38.10 0.85 0.00 | 27.15 0.59 -5.54 | 32.72 0.72 -0.86 | 23.15 0.17 -16.24 | 24.81 0.44 -3.14 | 24.52 0.38 -5.25 | 27.10 0.43 -5.79 | 23.74 0.36 -5.32 | 26.58 0.42 -5.94 | 24.58 0.49 -2.84 | 24.39 0.57 -3.58 | 30.45 0.87 -1.15 | 23.30 0.61 -2.90 | 20.65 0.61 -0.48 | 23.05 0.64 -5.09 | 27.02 0.56 -8.68 | 24.54 0.59 -6.09 | 26.37 0.62 -0.09 |
| GOUDEY___8 23580 | 48.58 0.63 0.00 | 23.14 0.35 0.00 | 7.44 0.14 0.00 | 9.98 0.21 0.00 | 7.88 0.17 0.00 | 20.75 0.43 0.00 | 37.95 0.70 0.00 | 27.04 0.48 -5.54 | 32.56 0.56 -0.86 | 23.12 0.14 -16.24 | 24.71 0.35 -3.14 | 24.44 0.30 -5.25 | 27.01 0.33 -5.79 | 23.66 0.28 -5.32 | 26.48 0.32 -5.94 | 24.49 0.40 -2.84 | 24.32 0.50 -3.58 | 30.32 0.74 -1.15 | 23.21 0.52 -2.90 | 20.60 0.56 -0.48 | 22.99 0.58 -5.09 | 26.93 0.47 -8.68 | 24.46 0.52 -6.09 | 26.24 0.49 -0.09 |
| GOWANUS_GT_1_GRP 23732 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |

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| GOWANUS_GT 2_GRP 23617 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT 3_GRP 23618 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT 4_GRP 23751 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT1_1 24077 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_2 24078 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_3 24079 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_4 24080 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_5 24084 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_6 24111 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_7 24112 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT1_8 24113 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT2_1 24114 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_2 24115 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_3 24116 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_4 24117 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_5 24118 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |

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|------------------------|-----------------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|------------------------|
| GOWANUS_GT2_6 24119 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_7 24120 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT2_8 24121 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT3_1 24122 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_2 24123 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_3 24124 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_4 24125 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_5 24126 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_6 24127 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_7 24128 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT3_8 24129 | 51.36 3.41 0.00 | 24.30 1.50 0.00 | 7.78 0.48 0.00 | 10.41 0.64 0.00 | 8.21 0.50 0.00 | 21.77 1.44 0.00 | 40.82 3.57 0.00 | 41.72 2.37 -18.32 | 38.42 3.42 -3.86 | 74.91 0.76 -67.41 | 33.91 2.30 -10.38 | 43.24 2.14 -22.21 | 43.22 2.31 -20.02 | 44.19 1.99 -24.15 | 46.77 1.96 -24.59 | 38.16 2.02 -14.88 | 43.06 1.82 -21.00 | 34.87 2.63 -3.81 | 31.41 2.02 -9.60 | 23.26 2.12 -1.58 | 37.41 2.06 -18.02 | 48.47 1.96 -28.74 | 39.98 1.98 -20.14 | 28.31 2.36 -0.29 |
| GOWANUS_GT4_1 24130 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_2 24131 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_3 24132 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_4 24133 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_5 24134 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |

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|------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT4_6 24135 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_7 24136 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GOWANUS_GT4_8 24137 | 51.40 3.45 0.00 | 24.31 1.52 0.00 | 7.78 0.49 0.00 | 10.41 0.65 0.00 | 8.21 0.51 0.00 | 21.78 1.46 0.00 | 40.85 3.60 0.00 | 41.74 2.39 -18.32 | 38.45 3.45 -3.86 | 74.91 0.77 -67.41 | 33.94 2.32 -10.38 | 43.26 2.16 -22.21 | 43.24 2.33 -20.02 | 44.21 2.01 -24.15 | 46.99 2.18 -24.59 | 38.41 2.27 -14.88 | 43.23 1.99 -21.00 | 35.25 3.01 -3.81 | 31.59 2.20 -9.60 | 23.29 2.15 -1.58 | 37.43 2.08 -18.02 | 48.49 1.97 -28.74 | 39.99 1.99 -20.14 | 28.33 2.37 -0.29 |
| GRAHMSVILLE___HY 23607 | 50.28 2.33 0.00 | 23.80 1.01 0.00 | 7.63 0.33 0.00 | 10.21 0.44 0.00 | 8.05 0.34 0.00 | 21.31 0.98 0.00 | 39.69 2.44 0.00 | 38.52 1.69 -15.81 | 36.71 2.51 -3.06 | 61.75 0.55 -54.46 | 31.92 1.74 -8.96 | 38.34 1.59 -17.85 | 39.68 1.75 -17.03 | 38.62 1.52 -19.05 | 41.80 1.72 -19.87 | 34.38 1.78 -11.34 | 37.58 1.73 -15.61 | 34.12 2.41 -3.29 | 29.72 1.64 -8.29 | 22.55 1.63 -1.36 | 34.13 1.58 -15.23 | 44.02 1.45 -24.80 | 36.67 1.41 -17.40 | 27.42 1.50 -0.25 |
| GREENIDGE___3 23582 | 44.85 -3.10 0.00 | 21.32 -1.47 0.00 | 6.92 -0.37 0.00 | 9.44 -0.33 0.00 | 7.46 -0.24 0.00 | 19.55 -0.77 0.00 | 35.48 2.44 0.00 | 23.56 1.69 -3.61 | 30.20 2.51 -0.56 | 17.08 0.55 -10.61 | 22.54 -0.74 -2.05 | 21.38 -0.95 -3.43 | 23.58 -1.10 -3.79 | 20.61 -0.92 -3.48 | 23.10 -1.00 -3.89 | 22.16 -0.95 -1.86 | 21.76 -0.82 -2.34 | 27.82 -1.36 -0.75 | 20.86 -0.83 -1.90 | 19.28 -0.60 -0.31 | 20.04 -0.60 -3.32 | 22.63 -0.81 -5.67 | 21.08 -0.78 -4.00 | 24.47 -1.25 -0.06 |
| GREENIDGE___4 23583 | 44.73 -3.22 0.00 | 21.26 -1.53 0.00 | 6.90 -0.39 0.00 | 9.44 -0.33 0.00 | 7.46 -0.24 0.00 | 19.54 -0.79 0.00 | 35.41 2.44 0.00 | 23.48 1.69 -3.61 | 30.06 2.51 -0.56 | 17.06 0.55 -10.61 | 22.51 -0.77 -2.05 | 21.30 -1.03 -3.43 | 23.48 -1.20 -3.79 | 20.53 -1.01 -3.48 | 23.01 -1.10 -3.89 | 22.07 -1.04 -1.86 | 21.69 -0.89 -2.34 | 27.71 -1.47 -0.75 | 20.78 -0.91 -1.90 | 19.22 -0.65 -0.31 | 19.99 -0.66 -3.32 | 22.55 -0.89 -5.67 | 21.02 -0.84 -4.00 | 24.37 -1.35 -0.06 |
| HARZA MOOSE___RIVER 24016 | 48.98 1.03 0.00 | 23.28 0.48 0.00 | 7.44 0.15 0.00 | 9.97 0.20 0.00 | 7.87 0.16 0.00 | 20.78 0.46 0.00 | 37.83 0.59 0.00 | 21.46 0.24 -0.21 | 31.51 0.33 -0.05 | 7.66 0.10 -0.83 | 21.66 0.31 -0.12 | 19.46 0.29 -0.27 | 21.44 0.32 -0.23 | 18.64 0.28 -0.30 | 20.81 0.29 -0.30 | 21.77 0.32 -0.19 | 20.81 0.29 -0.28 | 28.85 0.38 -0.04 | 20.14 0.24 -0.11 | 19.77 0.19 -0.02 | 17.70 0.18 -0.20 | 18.41 0.32 -0.31 | 18.34 0.24 -0.24 | 26.18 0.52 0.00 |
| HEMPSTEAD____ 23647 | 50.06 2.11 0.00 | 23.69 0.90 0.00 | 7.61 0.31 0.00 | 10.20 0.43 0.00 | 8.02 0.32 0.00 | 37.11 0.94 -15.84 | 43.74 2.41 -4.08 | 40.99 1.65 -18.32 | 37.65 2.38 -4.13 | 74.65 0.52 -67.39 | 33.18 1.57 -10.38 | 42.58 1.48 -22.20 | 43.54 1.62 -21.03 | 44.67 1.41 -25.21 | 47.37 1.57 -25.58 | 46.00 1.64 -23.11 | 46.12 1.59 -24.29 | 41.72 2.22 -11.08 | 39.35 1.55 -18.01 | 38.09 1.51 -17.02 | 39.52 1.46 -20.74 | 47.84 1.33 -28.73 | 39.33 1.34 -20.14 | 27.42 1.47 -0.29 |
| HICKLING___1 23621 | 48.49 0.54 0.00 | 23.09 0.29 0.00 | 7.44 0.15 0.00 | 9.98 0.22 0.00 | 7.89 0.18 0.00 | 20.75 0.42 0.00 | 38.07 0.82 0.00 | 26.27 0.62 -4.63 | 32.71 0.85 -0.72 | 20.52 0.20 -13.58 | 24.45 0.59 -2.63 | 23.72 0.44 -4.39 | 26.22 0.48 -4.84 | 22.93 0.42 -4.45 | 25.69 0.50 -4.97 | 24.19 0.56 -2.37 | 23.83 0.60 -2.98 | 30.28 0.89 -0.96 | 22.88 0.66 -2.44 | 20.64 0.68 -0.40 | 22.27 0.69 -4.26 | 25.60 0.56 -7.26 | 23.57 0.59 -5.12 | 26.22 0.48 -0.07 |
| HICKLING___2 23622 | 48.50 0.55 0.00 | 23.09 0.30 0.00 | 7.44 0.15 0.00 | 9.99 0.22 0.00 | 7.89 0.18 0.00 | 20.75 0.42 0.00 | 38.08 0.83 0.00 | 26.28 0.62 -4.63 | 32.72 0.86 -0.72 | 20.52 0.20 -13.58 | 24.45 0.59 -2.63 | 23.73 0.44 -4.39 | 26.22 0.49 -4.84 | 22.93 0.43 -4.45 | 25.70 0.51 -4.97 | 24.19 0.56 -2.37 | 23.83 0.60 -2.98 | 30.29 0.90 -0.96 | 22.88 0.66 -2.44 | 20.65 0.68 -0.40 | 22.27 0.69 -4.26 | 25.61 0.57 -7.26 | 23.58 0.60 -5.12 | 26.22 0.49 -0.07 |
| HIGH FALLS___HY 23754 | 49.02 1.07 0.00 | 23.44 0.64 0.00 | 7.50 0.21 0.00 | 10.05 0.28 0.00 | 7.93 0.22 0.00 | 20.93 0.60 0.00 | 38.57 1.32 0.00 | 40.16 0.70 -18.43 | 35.69 1.07 -3.48 | 69.38 0.23 -62.41 | 32.39 0.71 -10.45 | 39.97 0.65 -20.42 | 41.41 0.73 -19.79 | 40.37 0.64 -21.68 | 43.69 0.70 -22.77 | 34.76 0.73 -12.78 | 38.38 0.68 -17.46 | 33.21 0.95 -3.84 | 30.26 0.80 -9.67 | 21.97 0.81 -1.59 | 35.76 0.77 -17.67 | 47.45 0.75 -28.92 | 38.93 0.77 -20.31 | 26.84 0.89 -0.29 |
| HILLBURN___GT 23639 | 49.58 1.63 0.00 | 23.50 0.71 0.00 | 7.54 0.24 0.00 | 10.09 0.32 0.00 | 7.95 0.24 0.00 | 21.03 0.70 0.00 | 39.07 1.82 0.00 | 40.12 1.28 -17.82 | 36.70 1.85 -3.72 | 72.19 0.40 -65.05 | 32.56 1.24 -10.10 | 41.46 1.15 -21.41 | 41.59 1.27 -19.44 | 42.39 1.10 -23.24 | 45.19 1.24 -23.73 | 36.81 1.28 -14.27 | 41.58 1.26 -20.08 | 33.90 1.77 -3.71 | 30.37 1.24 -9.35 | 22.31 1.21 -1.54 | 35.99 1.18 -17.49 | 46.77 1.05 -27.95 | 38.54 1.06 -19.61 | 27.00 1.06 -0.28 |
| HOLTSVIL 1-5___GRP1 24031 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVIL6-10___GRP2 24032 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_1 23690 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_10 23699 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |

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| HOLTSVILLE_IC_2 23691 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_3 23692 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_4 23693 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_5 23694 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_6 23695 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_7 23696 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_8 23697 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HOLTSVILLE_IC_9 23698 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| HQ_GEN_CEDARS 23644 | 50.00 2.05 0.00 | 23.78 0.99 0.00 | 7.56 0.26 0.00 | 10.10 0.33 0.00 | 7.97 0.27 0.00 | 21.05 0.72 0.00 | 38.22 0.97 0.00 | 21.11 0.20 0.12 | 31.56 0.42 0.00 | 6.72 0.14 0.15 | 21.67 0.51 0.07 | 19.31 0.46 0.05 | 21.27 0.50 0.11 | 18.45 0.42 0.02 | 20.57 0.41 0.06 | 21.76 0.49 -0.02 | 20.77 0.47 -0.05 | 29.02 0.62 0.02 | 20.04 0.31 0.06 | 19.73 0.17 0.01 | 17.37 0.14 0.09 | 17.94 0.35 0.18 | 17.93 0.18 0.11 | 26.63 0.97 0.00 |
| HQ_GEN_CHAT DC 23651 | 69.28 0.37 -20.96 | 69.99 0.21 -46.98 | 69.01 0.04 -61.68 | 69.99 0.05 -60.17 | 70.00 0.03 -62.26 | 493.80 0.07 -473.40 | 44.22 0.00 -6.97 | 20.86 -0.10 0.07 | 31.02 -0.12 0.01 | 6.59 -0.02 0.13 | 21.15 -0.04 0.04 | 18.81 -0.05 0.04 | 20.78 -0.04 0.07 | 17.99 -0.04 0.03 | 20.13 -0.04 0.05 | 21.23 -0.02 0.01 | 20.23 -0.02 -0.01 | 28.39 -0.02 0.02 | 19.72 -0.04 0.03 | 19.48 -0.08 0.01 | 17.16 -0.10 0.06 | 17.59 -0.08 0.11 | 16.75 -0.12 0.98 | 25.72 0.06 0.00 |
| HUDAV+59+74_TH_GRP 23620 | 50.76 2.81 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.30 0.53 0.00 | 8.12 0.41 0.00 | 21.52 1.19 0.00 | 40.27 3.02 0.00 | 41.39 2.05 -18.32 | 37.97 2.97 -3.86 | 74.81 0.66 -67.41 | 33.63 2.02 -10.38 | 43.00 1.90 -22.21 | 42.99 2.08 -20.02 | 44.00 1.80 -24.15 | 46.81 2.00 -24.59 | 38.24 2.10 -14.88 | 43.28 2.04 -21.00 | 35.11 2.87 -3.81 | 31.42 2.03 -9.60 | 23.11 1.97 -1.58 | 37.24 1.90 -18.02 | 48.27 1.75 -28.74 | 39.73 1.74 -20.14 | 27.92 1.97 -0.29 |
| HUDSON AVE_GT_3 23810 | 50.76 2.81 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.30 0.53 0.00 | 8.12 0.41 0.00 | 21.52 1.19 0.00 | 40.27 3.02 0.00 | 41.39 2.05 -18.32 | 37.97 2.97 -3.86 | 74.81 0.66 -67.41 | 33.63 2.02 -10.38 | 43.00 1.90 -22.21 | 42.99 2.08 -20.02 | 44.00 1.80 -24.15 | 46.81 2.00 -24.59 | 38.24 2.10 -14.88 | 43.28 2.04 -21.00 | 35.11 2.87 -3.81 | 31.42 2.03 -9.60 | 23.11 1.97 -1.58 | 37.24 1.90 -18.02 | 48.27 1.75 -28.74 | 39.73 1.74 -20.14 | 27.92 1.97 -0.29 |
| HUDSON AVE_GT_4 23540 | 50.76 2.81 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.30 0.53 0.00 | 8.12 0.41 0.00 | 21.52 1.19 0.00 | 40.27 3.02 0.00 | 41.39 2.05 -18.32 | 37.97 2.97 -3.86 | 74.81 0.66 -67.41 | 33.63 2.02 -10.38 | 43.00 1.90 -22.21 | 42.99 2.08 -20.02 | 44.00 1.80 -24.15 | 46.81 2.00 -24.59 | 38.24 2.10 -14.88 | 43.28 2.04 -21.00 | 35.11 2.87 -3.81 | 31.42 2.03 -9.60 | 23.11 1.97 -1.58 | 37.24 1.90 -18.02 | 48.27 1.75 -28.74 | 39.73 1.74 -20.14 | 27.92 1.97 -0.29 |
| HUDSON AVE_GT_5 23657 | 50.76 2.81 0.00 | 24.00 1.21 0.00 | 7.69 0.40 0.00 | 10.30 0.53 0.00 | 8.12 0.41 0.00 | 21.52 1.19 0.00 | 40.27 3.02 0.00 | 41.39 2.05 -18.32 | 37.97 2.97 -3.86 | 74.81 0.66 -67.41 | 33.63 2.02 -10.38 | 43.00 1.90 -22.21 | 42.99 2.08 -20.02 | 44.00 1.80 -24.15 | 46.81 2.00 -24.59 | 38.24 2.10 -14.88 | 43.28 2.04 -21.00 | 35.11 2.87 -3.81 | 31.42 2.03 -9.60 | 23.11 1.97 -1.58 | 37.24 1.90 -18.02 | 48.27 1.75 -28.74 | 39.73 1.74 -20.14 | 27.92 1.97 -0.29 |
| HUDSON_AVE_10 24168 | 50.50 2.55 0.00 | 23.88 1.08 0.00 | 7.66 0.37 0.00 | 10.26 0.49 0.00 | 8.08 0.38 0.00 | 21.43 1.10 0.00 | 40.09 2.84 0.00 | 26.71 1.94 -3.75 | 34.54 2.82 -0.58 | 18.35 0.63 -10.99 | 25.27 1.92 -2.12 | 24.27 1.82 -3.55 | 26.80 2.00 -3.91 | 23.37 1.72 -3.60 | 26.16 1.92 -4.02 | 25.19 2.02 -1.92 | 24.62 1.95 -2.42 | 31.95 2.74 -0.78 | 23.69 1.94 -1.97 | 21.75 1.87 -0.32 | 22.56 1.80 -3.45 | 25.30 1.65 -5.88 | 23.61 1.63 -4.13 | 27.58 1.86 -0.06 |
| HUNTLEY___63 23557 | 44.54 -3.41 0.00 | 21.39 -1.41 0.00 | 6.95 -0.34 0.00 | 9.19 -0.57 0.00 | 7.25 -0.45 0.00 | 19.00 -1.33 0.00 | 34.60 -2.65 0.00 | 22.41 -1.45 -2.84 | 29.77 -1.80 -0.44 | 14.59 -0.50 -8.35 | 21.44 -1.40 -1.62 | 20.20 -1.40 -2.70 | 22.28 -1.59 -2.98 | 19.42 -1.37 -2.74 | 21.82 -1.45 -3.06 | 21.26 -1.45 -1.46 | 20.60 -1.48 -1.84 | 26.83 -2.18 -0.59 | 20.10 -1.17 -1.49 | 18.95 -0.86 -0.24 | 18.99 -0.94 -2.61 | 20.96 -1.27 -4.46 | 19.85 -1.12 -3.11 | 24.22 -1.49 -0.04 |

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|----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| HUNTLEY___64 23558 | 44.54 -3.41 0.00 | 21.39 -1.41 0.00 | 6.95 -0.34 0.00 | 9.19 -0.57 0.00 | 7.25 -0.45 0.00 | 19.00 -1.33 0.00 | 34.60 -2.65 0.00 | 22.41 -1.45 -2.84 | 29.77 -1.80 -0.44 | 14.59 -0.50 -8.35 | 21.44 -1.40 -1.62 | 20.20 -1.40 -2.70 | 22.28 -1.59 -2.98 | 19.42 -1.37 -2.74 | 21.82 -1.45 -3.06 | 21.26 -1.45 -1.46 | 20.60 -1.48 -1.84 | 26.83 -2.18 -0.59 | 20.10 -1.17 -1.49 | 18.95 -0.86 -0.24 | 18.99 -0.94 -2.61 | 20.96 -1.27 -4.46 | 19.85 -1.12 -3.11 | 24.22 -1.49 -0.04 |
| HUNTLEY___65 23559 | 44.54 -3.41 0.00 | 21.39 -1.41 0.00 | 6.95 -0.34 0.00 | 9.19 -0.57 0.00 | 7.25 -0.45 0.00 | 19.00 -1.33 0.00 | 34.60 -2.65 0.00 | 22.41 -1.45 -2.84 | 29.77 -1.80 -0.44 | 14.59 -0.50 -8.35 | 21.44 -1.40 -1.62 | 20.20 -1.40 -2.70 | 22.28 -1.59 -2.98 | 19.42 -1.37 -2.74 | 21.82 -1.45 -3.06 | 21.26 -1.45 -1.46 | 20.60 -1.48 -1.84 | 26.83 -2.18 -0.59 | 20.10 -1.17 -1.49 | 18.95 -0.86 -0.24 | 18.99 -0.94 -2.61 | 20.96 -1.27 -4.46 | 19.85 -1.12 -3.11 | 24.22 -1.49 -0.04 |
| HUNTLEY___66 23560 | 44.54 -3.41 0.00 | 21.39 -1.41 0.00 | 6.95 -0.34 0.00 | 9.19 -0.57 0.00 | 7.25 -0.45 0.00 | 19.00 -1.33 0.00 | 34.60 -2.65 0.00 | 22.41 -1.45 -2.84 | 29.77 -1.80 -0.44 | 14.59 -0.50 -8.35 | 21.44 -1.40 -1.62 | 20.20 -1.40 -2.70 | 22.28 -1.59 -2.98 | 19.42 -1.37 -2.74 | 21.82 -1.45 -3.06 | 21.26 -1.45 -1.46 | 20.60 -1.48 -1.84 | 26.83 -2.18 -0.59 | 20.10 -1.17 -1.49 | 18.95 -0.86 -0.24 | 18.99 -0.94 -2.61 | 20.96 -1.27 -4.46 | 19.85 -1.12 -3.11 | 24.22 -1.49 -0.04 |
| HUNTLEY___67 23561 | 43.93 -4.02 0.00 | 21.14 -1.66 0.00 | 6.89 -0.41 0.00 | 9.09 -0.67 0.00 | 7.17 -0.54 0.00 | 18.77 -1.55 0.00 | 34.10 -3.15 0.00 | 22.11 -1.78 -2.87 | 29.26 -2.32 -0.44 | 14.52 -0.62 -8.40 | 21.05 -1.80 -1.62 | 19.83 -1.77 -2.71 | 21.87 -2.01 -2.99 | 19.07 -1.73 -2.75 | 21.44 -1.85 -3.07 | 20.87 -1.86 -1.47 | 20.25 -1.84 -1.85 | 26.35 -2.68 -0.60 | 19.80 -1.48 -1.50 | 18.68 -1.13 -0.25 | 18.76 -1.19 -2.64 | 20.71 -1.56 -4.49 | 19.61 -1.38 -3.13 | 23.90 -1.81 -0.05 |
| HUNTLEY___68 23562 | 43.93 -4.02 0.00 | 21.14 -1.66 0.00 | 6.89 -0.41 0.00 | 9.09 -0.67 0.00 | 7.17 -0.54 0.00 | 18.77 -1.56 0.00 | 34.10 -3.15 0.00 | 22.11 -1.78 -2.87 | 29.26 -2.32 -0.44 | 14.52 -0.62 -8.40 | 21.05 -1.80 -1.62 | 19.83 -1.77 -2.71 | 21.87 -2.01 -2.99 | 19.07 -1.73 -2.75 | 21.44 -1.85 -3.07 | 20.86 -1.86 -1.47 | 20.25 -1.84 -1.85 | 26.34 -2.68 -0.60 | 19.80 -1.48 -1.50 | 18.68 -1.13 -0.25 | 18.76 -1.19 -2.64 | 20.70 -1.57 -4.49 | 19.61 -1.38 -3.13 | 23.89 -1.81 -0.05 |
| INDECK___CORINTH 23802 | 49.13 1.18 0.00 | 23.09 0.30 0.00 | 7.28 -0.02 0.00 | 9.81 0.04 0.00 | 7.79 0.09 0.00 | 20.85 0.53 0.00 | 38.25 1.00 0.00 | 45.11 0.36 -23.72 | 33.42 0.40 -1.88 | 52.33 0.09 -45.50 | 34.86 0.18 -13.44 | 33.12 0.31 -13.91 | 44.50 0.41 -23.21 | 29.43 0.23 -11.15 | 36.94 0.14 -16.58 | 23.68 0.10 -2.32 | 19.22 0.09 1.11 | 33.68 0.32 -4.94 | 32.20 -0.03 -12.44 | 21.45 -0.16 -2.05 | 36.84 -0.19 -19.71 | 55.13 0.16 -37.19 | 43.96 0.01 -26.09 | 26.03 0.00 -0.37 |
| INDECK___ILION 23567 | 48.51 0.56 0.00 | 22.99 0.19 0.00 | 7.35 0.06 0.00 | 9.87 0.10 0.00 | 7.78 0.08 0.00 | 20.60 0.28 0.00 | 38.11 0.86 0.00 | 21.40 0.61 0.24 | 31.98 0.86 0.01 | 6.52 0.17 0.39 | 21.57 0.48 0.14 | 19.25 0.47 0.12 | 21.19 0.52 0.23 | 18.41 0.44 0.08 | 20.56 0.49 0.15 | 21.72 0.47 0.00 | 20.76 0.47 -0.04 | 29.09 0.72 0.05 | 20.13 0.47 0.13 | 20.00 0.46 0.02 | 17.55 0.43 0.19 | 17.86 0.46 0.38 | 18.03 0.46 0.28 | 26.03 0.37 0.00 |
| INDECK___OLEAN 23982 | 49.02 1.07 0.00 | 23.47 0.67 0.00 | 7.62 0.33 0.00 | 10.13 0.36 0.00 | 7.97 0.27 0.00 | 20.97 0.64 0.00 | 38.44 1.19 0.00 | 24.90 0.74 -3.14 | 32.89 1.27 -0.49 | 16.22 0.26 -9.22 | 24.08 1.06 -1.78 | 22.72 0.84 -2.99 | 25.11 0.93 -3.29 | 21.88 0.80 -3.03 | 24.55 0.95 -3.38 | 23.81 0.94 -1.62 | 23.12 0.84 -2.03 | 30.22 1.14 -0.65 | 22.31 0.88 -1.64 | 20.83 1.00 -0.27 | 21.15 0.94 -2.89 | 23.39 0.69 -4.92 | 22.18 0.88 -3.44 | 26.81 1.10 -0.05 |
| INDECK___OSWEGO 23783 | 46.60 -1.35 0.00 | 22.18 -0.62 0.00 | 7.11 -0.18 0.00 | 9.52 -0.25 0.00 | 7.51 -0.19 0.00 | 19.80 -0.53 0.00 | 36.11 -1.14 0.00 | 21.68 -0.68 -1.34 | 30.36 -0.99 -0.21 | 10.49 -0.21 -3.96 | 21.36 -0.63 -0.76 | 19.60 -0.58 -1.28 | 21.66 -0.64 -1.41 | 18.81 -0.55 -1.30 | 21.05 -0.62 -1.45 | 21.32 -0.63 -0.70 | 20.51 -0.62 -0.88 | 27.81 -0.89 -0.28 | 19.89 -0.60 -0.70 | 19.09 -0.58 -0.12 | 18.03 -0.52 -1.24 | 19.36 -0.52 -2.10 | 18.81 -0.53 -1.48 | 24.98 -0.70 -0.02 |
| INDECK___YERKES 23781 | 44.50 -3.45 0.00 | 21.37 -1.43 0.00 | 6.95 -0.35 0.00 | 9.19 -0.58 0.00 | 7.24 -0.46 0.00 | 18.98 -1.35 0.00 | 34.57 -2.68 0.00 | 22.40 -1.47 -2.84 | 29.75 -1.83 -0.44 | 14.58 -0.51 -8.35 | 21.42 -1.42 -1.62 | 20.18 -1.42 -2.70 | 22.26 -1.62 -2.98 | 19.40 -1.39 -2.74 | 21.80 -1.48 -3.06 | 21.25 -1.47 -1.46 | 20.58 -1.50 -1.84 | 26.81 -2.21 -0.59 | 20.09 -1.19 -1.49 | 18.93 -0.88 -0.24 | 18.98 -0.96 -2.61 | 20.94 -1.29 -4.46 | 19.83 -1.13 -3.11 | 24.20 -1.51 -0.04 |
| INDIAN POINT_GT_1 24139 | 49.89 1.94 0.00 | 23.62 0.82 0.00 | 7.57 0.28 0.00 | 10.14 0.37 0.00 | 7.99 0.29 0.00 | 21.17 0.84 0.00 | 39.44 2.19 0.00 | 40.73 1.52 -18.19 | 37.16 2.20 -3.83 | 74.04 0.48 -66.82 | 33.00 1.47 -10.31 | 42.29 1.38 -22.01 | 42.28 1.52 -19.87 | 43.29 1.32 -23.92 | 46.07 1.47 -24.38 | 37.52 1.53 -14.74 | 42.51 1.49 -20.78 | 34.30 2.09 -3.79 | 30.79 1.46 -9.54 | 22.56 1.43 -1.57 | 36.59 1.39 -17.88 | 47.56 1.26 -28.53 | 39.13 1.26 -20.02 | 27.28 1.33 -0.29 |
| INDIAN POINT_GT_2 23659 | 49.89 1.94 0.00 | 23.62 0.82 0.00 | 7.57 0.28 0.00 | 10.14 0.37 0.00 | 7.99 0.29 0.00 | 21.17 0.84 0.00 | 39.44 2.19 0.00 | 40.73 1.52 -18.19 | 37.16 2.20 -3.83 | 74.04 0.48 -66.82 | 33.00 1.47 -10.31 | 42.29 1.38 -22.01 | 42.28 1.52 -19.87 | 43.29 1.32 -23.92 | 46.07 1.47 -24.38 | 37.52 1.53 -14.74 | 42.51 1.49 -20.78 | 34.30 2.09 -3.79 | 30.79 1.46 -9.54 | 22.56 1.43 -1.57 | 36.59 1.39 -17.88 | 47.56 1.26 -28.53 | 39.13 1.26 -20.02 | 27.28 1.33 -0.29 |
| INDIAN POINT_GT_3 24019 | 49.89 1.94 0.00 | 23.62 0.82 0.00 | 7.57 0.28 0.00 | 10.14 0.37 0.00 | 7.99 0.29 0.00 | 21.17 0.84 0.00 | 39.44 2.19 0.00 | 40.73 1.52 -18.19 | 37.16 2.20 -3.83 | 74.04 0.48 -66.82 | 33.00 1.47 -10.31 | 42.29 1.38 -22.01 | 42.28 1.52 -19.87 | 43.29 1.32 -23.92 | 46.07 1.47 -24.38 | 37.52 1.53 -14.74 | 42.51 1.49 -20.78 | 34.30 2.09 -3.79 | 30.79 1.46 -9.54 | 22.56 1.43 -1.57 | 36.59 1.39 -17.88 | 47.56 1.26 -28.53 | 39.13 1.26 -20.02 | 27.28 1.33 -0.29 |
| INDIAN POINT___2 23530 | 49.61 1.66 0.00 | 23.48 0.69 0.00 | 7.53 0.23 0.00 | 10.08 0.31 0.00 | 7.95 0.24 0.00 | 21.05 0.72 0.00 | 39.21 1.96 0.00 | 40.42 1.39 -18.01 | 36.92 2.00 -3.78 | 73.22 0.44 -66.04 | 32.77 1.34 -10.20 | 41.91 1.26 -21.75 | 41.94 1.39 -19.66 | 42.89 1.20 -23.63 | 45.65 1.34 -24.09 | 37.20 1.40 -14.55 | 42.11 1.36 -20.50 | 34.09 1.92 -3.75 | 30.58 1.34 -9.45 | 22.42 1.30 -1.55 | 36.30 1.28 -17.70 | 47.17 1.15 -28.24 | 38.85 1.14 -19.85 | 27.09 1.15 -0.28 |
| INDIAN POINT___3 23531 | 49.58 1.63 0.00 | 23.48 0.68 0.00 | 7.53 0.23 0.00 | 10.08 0.31 0.00 | 7.94 0.24 0.00 | 21.04 0.71 0.00 | 39.18 1.93 0.00 | 40.58 1.37 -18.19 | 36.93 1.96 -3.83 | 74.03 0.43 -66.86 | 32.85 1.31 -10.31 | 42.15 1.23 -22.02 | 42.12 1.35 -19.88 | 43.17 1.17 -23.94 | 45.91 1.31 -24.39 | 37.34 1.34 -14.75 | 42.34 1.31 -20.79 | 34.04 1.83 -3.79 | 30.61 1.28 -9.54 | 22.38 1.25 -1.57 | 36.44 1.23 -17.89 | 47.42 1.10 -28.54 | 38.98 1.10 -20.02 | 27.05 1.10 -0.29 |
| INDIAN PT_GT_GRP 23687 | 49.89 1.94 0.00 | 23.62 0.82 0.00 | 7.57 0.28 0.00 | 10.14 0.37 0.00 | 7.99 0.29 0.00 | 21.17 0.84 0.00 | 39.44 2.19 0.00 | 40.73 1.52 -18.19 | 37.16 2.20 -3.83 | 74.04 0.48 -66.82 | 33.00 1.47 -10.31 | 42.29 1.38 -22.01 | 42.28 1.52 -19.87 | 43.29 1.32 -23.92 | 46.07 1.47 -24.38 | 37.52 1.53 -14.74 | 42.51 1.49 -20.78 | 34.30 2.09 -3.79 | 30.79 1.46 -9.54 | 22.56 1.43 -1.57 | 36.59 1.39 -17.88 | 47.56 1.26 -28.53 | 39.13 1.26 -20.02 | 27.28 1.33 -0.29 |

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|-----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|
| IP CORINTH___1 23988 | 49.13 1.18 0.00 | 23.09 0.30 0.00 | 7.28 -0.02 0.00 | 9.81 0.04 0.00 | 7.79 0.09 0.00 | 20.85 0.53 0.00 | 38.25 1.00 0.00 | 45.11 0.36 -23.72 | 33.42 0.40 -1.88 | 52.33 0.09 -45.50 | 34.86 0.18 -13.44 | 33.12 0.31 -13.91 | 44.50 0.41 -23.21 | 29.43 0.23 -11.15 | 36.94 0.14 -16.58 | 23.68 0.10 -2.32 | 19.22 0.09 1.11 | 33.68 0.32 -4.94 | 32.20 -0.03 -12.44 | 21.45 -0.16 -2.05 | 36.84 -0.19 -19.71 | 55.13 0.16 -37.19 | 43.96 0.01 -26.09 | 26.03 0.00 -0.37 |
| IP CORINTH___2 23637 | 49.13 1.18 0.00 | 23.09 0.30 0.00 | 7.28 -0.02 0.00 | 9.81 0.04 0.00 | 7.79 0.09 0.00 | 20.85 0.53 0.00 | 38.25 1.00 0.00 | 45.11 0.36 -23.72 | 33.42 0.40 -1.88 | 52.33 0.09 -45.50 | 34.86 0.18 -13.44 | 33.12 0.31 -13.91 | 44.50 0.41 -23.21 | 29.43 0.23 -11.15 | 36.94 0.14 -16.58 | 23.68 0.10 -2.32 | 19.22 0.09 1.11 | 33.68 0.32 -4.94 | 32.20 -0.03 -12.44 | 21.45 -0.16 -2.05 | 36.84 -0.19 -19.71 | 55.13 0.16 -37.19 | 43.96 0.01 -26.09 | 26.03 0.00 -0.37 |
| IP___TICONDEROGA 23804 | 51.25 3.30 0.00 | 23.81 1.02 0.00 | 7.42 0.13 0.00 | 10.03 0.26 0.00 | 7.98 0.28 0.00 | 21.60 1.28 0.00 | 39.79 2.54 0.00 | 45.19 1.29 -22.88 | 34.74 1.65 -1.95 | 52.81 0.37 -45.70 | 35.14 0.94 -12.97 | 33.95 0.99 -14.06 | 44.54 1.15 -22.50 | 30.54 0.84 -11.65 | 37.62 0.72 -16.68 | 24.98 0.72 -3.00 | 21.09 0.65 -0.20 | 34.33 1.14 -4.76 | 32.39 0.60 -12.00 | 22.07 0.54 -1.97 | 36.97 0.48 -19.17 | 54.49 0.85 -35.87 | 43.74 0.69 -25.19 | 27.03 1.01 -0.36 |
| JARVIS____ 23743 | 48.02 0.07 0.00 | 22.81 0.02 0.00 | 7.30 0.01 0.00 | 9.78 0.01 0.00 | 7.71 0.01 0.00 | 20.36 0.04 0.00 | 37.38 0.13 0.00 | 20.89 0.11 0.24 | 31.27 0.14 0.01 | 6.37 0.03 0.39 | 21.17 0.07 0.14 | 18.85 0.07 0.12 | 20.74 0.08 0.23 | 18.04 0.07 0.08 | 20.15 0.08 0.15 | 21.32 0.07 0.00 | 20.36 0.07 -0.04 | 28.48 0.11 0.05 | 19.73 0.07 0.13 | 19.62 0.08 0.02 | 17.20 0.08 0.19 | 17.47 0.07 0.38 | 17.66 0.08 0.28 | 25.71 0.05 0.00 |
| JENNISON___1 23625 | 50.37 2.42 0.00 | 23.91 1.12 0.00 | 7.67 0.38 0.00 | 10.30 0.53 0.00 | 8.14 0.44 0.00 | 21.46 1.13 0.00 | 39.37 2.12 0.00 | 28.44 1.36 -6.06 | 34.07 1.98 -0.95 | 25.18 0.47 -17.98 | 26.10 1.43 -3.44 | 25.96 1.26 -5.81 | 28.62 1.39 -6.35 | 25.17 1.21 -5.91 | 28.14 1.35 -6.57 | 25.87 1.43 -3.18 | 25.69 1.41 -4.04 | 31.69 2.00 -1.26 | 24.30 1.33 -3.18 | 21.39 1.31 -0.52 | 24.14 1.23 -5.59 | 28.51 1.23 -9.51 | 25.77 1.22 -6.69 | 27.20 1.44 -0.10 |
| JENNISON___2 23626 | 50.37 2.42 0.00 | 23.91 1.12 0.00 | 7.67 0.38 0.00 | 10.30 0.53 0.00 | 8.14 0.44 0.00 | 21.45 1.13 0.00 | 39.36 2.11 0.00 | 28.43 1.35 -6.06 | 34.05 1.96 -0.95 | 25.18 0.46 -17.98 | 26.08 1.41 -3.44 | 25.95 1.24 -5.81 | 28.61 1.37 -6.35 | 25.16 1.19 -5.91 | 28.13 1.34 -6.57 | 25.85 1.42 -3.18 | 25.68 1.40 -4.04 | 31.67 1.99 -1.26 | 24.29 1.32 -3.18 | 21.38 1.30 -0.52 | 24.14 1.22 -5.59 | 28.51 1.23 -9.51 | 25.76 1.22 -6.69 | 27.19 1.44 -0.10 |
| KENSICO____ 23655 | 50.21 2.26 0.00 | 23.76 0.96 0.00 | 7.62 0.32 0.00 | 10.20 0.43 0.00 | 8.04 0.34 0.00 | 21.30 0.98 0.00 | 39.73 2.49 0.00 | 41.02 1.70 -18.29 | 37.45 2.46 -3.85 | 74.57 0.54 -67.29 | 33.24 1.65 -10.37 | 42.61 1.55 -22.17 | 42.58 1.70 -19.99 | 43.63 1.47 -24.10 | 46.41 1.65 -24.54 | 37.82 1.72 -14.85 | 42.87 1.67 -20.95 | 34.57 2.34 -3.81 | 31.02 1.64 -9.59 | 22.74 1.60 -1.58 | 36.86 1.55 -18.00 | 47.89 1.42 -28.70 | 39.37 1.40 -20.12 | 27.47 1.52 -0.29 |
| KIAC_JFK_AIRPORT 23541 | 50.41 2.46 0.00 | 23.83 1.03 0.00 | 7.68 0.38 0.00 | 10.27 0.50 0.00 | 8.09 0.38 0.00 | 21.44 1.11 0.00 | 40.05 2.80 0.00 | 41.23 1.89 -18.32 | 37.77 2.77 -3.86 | 74.77 0.62 -67.41 | 33.52 1.90 -10.38 | 42.95 1.85 -22.21 | 42.94 2.03 -20.02 | 43.93 1.73 -24.15 | 46.76 1.95 -24.59 | 38.19 2.06 -14.88 | 43.21 1.97 -21.00 | 34.96 2.72 -3.81 | 31.32 1.93 -9.60 | 22.97 1.83 -1.58 | 37.11 1.76 -18.02 | 48.12 1.61 -28.74 | 39.53 1.53 -20.14 | 27.89 1.94 -0.29 |
| KINTIGH____ 23543 | 43.64 -4.31 0.00 | 21.05 -1.75 0.00 | 6.89 -0.41 0.00 | 9.10 -0.67 0.00 | 7.18 -0.52 0.00 | 18.73 -1.59 0.00 | 33.69 -3.55 0.00 | 21.38 -2.08 -2.43 | 28.67 -2.85 -0.38 | 13.17 -0.69 -7.13 | 20.67 -1.93 -1.37 | 19.29 -1.90 -2.29 | 21.28 -2.14 -2.53 | 18.52 -1.86 -2.33 | 20.82 -1.99 -2.60 | 20.53 -1.97 -1.24 | 19.77 -2.04 -1.57 | 26.01 -2.92 -0.51 | 19.35 -1.72 -1.28 | 18.34 -1.43 -0.21 | 18.15 -1.40 -2.24 | 19.82 -1.77 -3.82 | 18.98 -1.55 -2.67 | 23.73 -1.97 -0.04 |
| LEDERLE____ 23769 | 50.09 2.14 0.00 | 23.72 0.92 0.00 | 7.60 0.31 0.00 | 10.17 0.40 0.00 | 8.02 0.31 0.00 | 21.23 0.90 0.00 | 39.52 2.27 0.00 | 40.45 1.58 -17.84 | 37.20 2.34 -3.73 | 72.50 0.52 -65.24 | 32.95 1.61 -10.11 | 41.86 1.48 -21.48 | 42.00 1.63 -19.47 | 42.80 1.42 -23.32 | 45.62 1.60 -23.80 | 37.25 1.66 -14.33 | 42.04 1.62 -20.18 | 34.39 2.25 -3.72 | 30.69 1.55 -9.36 | 22.62 1.52 -1.54 | 36.31 1.47 -17.52 | 47.11 1.35 -27.99 | 38.82 1.33 -19.64 | 27.33 1.38 -0.28 |
| LINDEN COGEN____ 23786 | 50.70 2.75 0.00 | 23.98 1.18 0.00 | 7.68 0.39 0.00 | 10.28 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.21 2.96 0.00 | 41.33 1.98 -18.32 | 37.84 2.84 -3.86 | 74.78 0.63 -67.41 | 33.54 1.93 -10.38 | 42.93 1.83 -22.21 | 42.89 1.99 -20.02 | 43.92 1.72 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.93 -21.00 | 34.97 2.73 -3.81 | 31.33 1.94 -9.60 | 23.02 1.88 -1.58 | 37.16 1.81 -18.02 | 48.19 1.68 -28.74 | 39.68 1.68 -20.14 | 27.88 1.93 -0.29 |
| LIPA_MISC_IPP 23656 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| LITTLE FALLS___HYD 24013 | 49.00 1.05 0.00 | 23.12 0.32 0.00 | 7.39 0.10 0.00 | 9.94 0.17 0.00 | 7.86 0.15 0.00 | 20.88 0.55 0.00 | 39.17 1.92 0.00 | 22.20 1.41 0.24 | 33.10 1.97 0.01 | 6.74 0.40 0.39 | 22.16 1.07 0.14 | 19.84 1.06 0.12 | 21.85 1.19 0.23 | 18.96 0.99 0.08 | 21.19 1.12 0.15 | 22.30 1.05 0.00 | 21.35 1.06 -0.04 | 30.01 1.64 0.05 | 20.75 1.09 0.13 | 20.59 1.04 0.02 | 18.11 0.98 0.19 | 18.43 1.04 0.38 | 18.60 1.02 0.28 | 26.39 0.73 0.00 |
| LONG_LAKE_PHOENIX 24014 | 46.89 -1.06 0.00 | 22.31 -0.48 0.00 | 7.16 -0.14 0.00 | 9.58 -0.19 0.00 | 7.56 -0.15 0.00 | 19.93 -0.40 0.00 | 36.35 -0.90 0.00 | 21.88 -0.54 -1.39 | 30.58 -0.77 -0.22 | 10.68 -0.16 -4.11 | 21.53 -0.49 -0.79 | 19.77 -0.45 -1.32 | 21.85 -0.50 -1.45 | 18.97 -0.43 -1.34 | 21.23 -0.48 -1.50 | 21.49 -0.49 -0.72 | 20.68 -0.48 -0.91 | 28.01 -0.70 -0.29 | 20.05 -0.46 -0.73 | 19.23 -0.45 -0.12 | 18.20 -0.40 -1.28 | 19.56 -0.39 -2.17 | 18.98 -0.40 -1.52 | 25.17 -0.52 -0.02 |
| LOVETT___3 23632 | 49.95 2.00 0.00 | 23.66 0.87 0.00 | 7.58 0.29 0.00 | 10.15 0.38 0.00 | 8.00 0.30 0.00 | 21.18 0.86 0.00 | 39.42 2.17 0.00 | 40.41 1.51 -17.87 | 37.08 2.21 -3.74 | 72.62 0.48 -65.41 | 32.85 1.50 -10.13 | 41.80 1.37 -21.54 | 41.89 1.50 -19.51 | 42.74 1.30 -23.39 | 45.54 1.46 -23.86 | 37.15 1.51 -14.38 | 41.97 1.48 -20.25 | 34.20 2.06 -3.72 | 30.57 1.41 -9.37 | 22.51 1.41 -1.54 | 36.25 1.38 -17.55 | 47.06 1.25 -28.03 | 38.76 1.24 -19.67 | 27.23 1.29 -0.28 |
| LOVETT___4 23642 | 49.93 1.98 0.00 | 23.65 0.85 0.00 | 7.58 0.28 0.00 | 10.15 0.38 0.00 | 8.00 0.29 0.00 | 21.17 0.84 0.00 | 39.39 2.14 0.00 | 40.39 1.50 -17.87 | 37.06 2.18 -3.74 | 72.63 0.48 -65.42 | 32.84 1.48 -10.13 | 41.79 1.35 -21.54 | 41.88 1.48 -19.51 | 42.73 1.28 -23.39 | 45.53 1.44 -23.87 | 37.13 1.50 -14.38 | 41.96 1.46 -20.25 | 34.18 2.03 -3.72 | 30.56 1.39 -9.38 | 22.50 1.39 -1.54 | 36.24 1.37 -17.56 | 47.05 1.24 -28.04 | 38.75 1.22 -19.67 | 27.22 1.27 -0.28 |

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|-----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| LOVETT___5 23593 | 49.96 2.01 0.00 | 23.66 0.87 0.00 | 7.59 0.29 0.00 | 10.15 0.39 0.00 | 8.00 0.30 0.00 | 21.18 0.86 0.00 | 39.42 2.17 0.00 | 40.41 1.51 -17.87 | 37.09 2.21 -3.74 | 72.64 0.48 -65.42 | 32.86 1.50 -10.13 | 41.81 1.37 -21.54 | 41.90 1.50 -19.51 | 42.75 1.30 -23.39 | 45.55 1.47 -23.87 | 37.16 1.52 -14.38 | 41.98 1.48 -20.25 | 34.21 2.07 -3.72 | 30.58 1.42 -9.38 | 22.52 1.41 -1.54 | 36.26 1.38 -17.56 | 47.07 1.26 -28.04 | 38.77 1.24 -19.67 | 27.23 1.29 -0.28 |
| LOWER RAQUET___HYD 24057 | 49.38 1.43 0.00 | 23.51 0.72 0.00 | 7.48 0.18 0.00 | 10.00 0.23 0.00 | 7.88 0.18 0.00 | 20.83 0.50 0.00 | 37.78 0.53 0.00 | 21.11 0.08 0.00 | 31.29 0.14 -0.01 | 6.96 0.05 -0.17 | 21.38 0.15 0.00 | 19.09 0.13 -0.06 | 21.06 0.16 -0.01 | 18.27 0.14 -0.08 | 20.38 0.10 -0.06 | 21.50 0.18 -0.07 | 20.50 0.13 -0.12 | 28.60 0.17 0.00 | 19.86 0.07 0.00 | 19.53 -0.03 0.00 | 17.29 -0.05 -0.02 | 17.90 0.13 0.01 | 17.85 0.00 0.00 | 26.14 0.48 0.00 |
| LOWER___HUDSON 24059 | 50.71 2.76 0.00 | 23.90 1.10 0.00 | 7.55 0.25 0.00 | 10.17 0.40 0.00 | 8.05 0.34 0.00 | 21.40 1.08 0.00 | 39.26 2.01 0.00 | 45.19 0.99 -23.18 | 34.26 1.29 -1.83 | 51.37 0.32 -44.31 | 35.29 0.93 -13.13 | 33.37 0.94 -13.54 | 44.62 1.07 -22.67 | 29.71 0.91 -10.75 | 37.10 0.91 -15.97 | 24.22 0.94 -2.02 | 19.63 0.88 1.50 | 34.53 1.28 -4.82 | 32.67 0.73 -12.15 | 22.16 0.60 -2.00 | 36.99 0.48 -19.19 | 54.94 0.85 -36.32 | 44.11 0.73 -25.52 | 27.22 1.19 -0.36 |
| MEDINA___POWER 24015 | 49.02 1.07 0.00 | 23.47 0.67 0.00 | 7.62 0.33 0.00 | 10.13 0.36 0.00 | 7.97 0.27 0.00 | 20.97 0.64 0.00 | 38.44 1.19 0.00 | 24.85 0.74 -3.08 | 32.89 1.27 -0.48 | 16.05 0.26 -9.06 | 24.05 1.06 -1.75 | 22.67 0.84 -2.93 | 25.05 0.93 -3.23 | 21.83 0.80 -2.97 | 24.49 0.95 -3.32 | 23.78 0.94 -1.59 | 23.08 0.84 -1.99 | 30.20 1.14 -0.64 | 22.28 0.88 -1.62 | 20.83 1.00 -0.27 | 21.10 0.94 -2.83 | 23.30 0.69 -4.83 | 22.13 0.88 -3.39 | 26.81 1.10 -0.05 |
| MILLIKEN___1 23584 | 43.82 -4.13 0.00 | 20.78 -2.01 0.00 | 6.74 -0.55 0.00 | 9.30 -0.47 0.00 | 7.33 -0.38 0.00 | 19.11 -1.22 0.00 | 34.88 -2.37 0.00 | 22.47 -1.12 -2.56 | 30.13 -1.41 -0.40 | 14.19 -0.17 -7.62 | 22.18 -0.51 -1.46 | 20.61 -0.76 -2.47 | 22.70 -0.88 -2.70 | 19.83 -0.74 -2.51 | 22.17 -0.85 -2.79 | 21.58 -1.02 -1.35 | 20.95 -1.01 -1.71 | 27.34 -1.62 -0.53 | 19.99 -1.13 -1.34 | 18.72 -1.06 -0.22 | 18.75 -0.93 -2.36 | 20.80 -0.99 -4.02 | 19.56 -1.09 -2.79 | 23.77 -1.94 -0.04 |
| MILLIKEN___2 23585 | 43.81 -4.15 0.00 | 20.77 -2.02 0.00 | 6.74 -0.56 0.00 | 9.29 -0.48 0.00 | 7.32 -0.39 0.00 | 19.09 -1.23 0.00 | 34.87 -2.38 0.00 | 22.46 -1.13 -2.56 | 30.12 -1.42 -0.40 | 14.18 -0.18 -7.62 | 22.17 -0.52 -1.46 | 20.60 -0.76 -2.47 | 22.70 -0.89 -2.70 | 19.82 -0.74 -2.51 | 22.16 -0.85 -2.79 | 21.58 -1.03 -1.35 | 20.94 -1.02 -1.71 | 27.33 -1.63 -0.53 | 19.98 -1.14 -1.34 | 18.71 -1.07 -0.22 | 18.75 -0.93 -2.36 | 20.80 -1.00 -4.02 | 19.56 -1.09 -2.79 | 23.76 -1.94 -0.04 |
| MILLIKEN___DIESEL 23629 | 43.81 -4.15 0.00 | 20.77 -2.02 0.00 | 6.74 -0.56 0.00 | 9.29 -0.48 0.00 | 7.32 -0.39 0.00 | 19.09 -1.23 0.00 | 34.87 -2.38 0.00 | 22.46 -1.13 -2.56 | 30.12 -1.42 -0.40 | 14.18 -0.18 -7.62 | 22.17 -0.52 -1.46 | 20.60 -0.76 -2.47 | 22.70 -0.89 -2.70 | 19.82 -0.74 -2.51 | 22.16 -0.85 -2.79 | 21.58 -1.03 -1.35 | 20.94 -1.02 -1.71 | 27.33 -1.63 -0.53 | 19.98 -1.14 -1.34 | 18.71 -1.07 -0.22 | 18.75 -0.93 -2.36 | 20.80 -1.00 -4.02 | 19.56 -1.09 -2.79 | 23.76 -1.94 -0.04 |
| MODEL_CITY_ENERGY 24167 | 43.97 -3.98 0.00 | 21.11 -1.68 0.00 | 6.86 -0.43 0.00 | 9.08 -0.69 0.00 | 7.15 -0.55 0.00 | 18.74 -1.59 0.00 | 34.06 -3.19 0.00 | 22.99 -1.78 -3.75 | 29.41 -2.30 -0.58 | 17.11 -0.61 -10.99 | 21.58 -1.78 -2.12 | 20.71 -1.73 -3.55 | 22.85 -1.96 -3.91 | 19.96 -1.69 -3.60 | 22.43 -1.81 -4.02 | 21.37 -1.80 -1.92 | 20.84 -1.82 -2.42 | 26.55 -2.65 -0.78 | 20.26 -1.49 -1.97 | 18.72 -1.17 -0.32 | 19.54 -1.23 -3.45 | 22.09 -1.56 -5.88 | 20.59 -1.40 -4.13 | 23.88 -1.85 -0.06 |
| MONGAUP___HYD 23641 | 49.20 1.25 0.00 | 23.33 0.54 0.00 | 7.49 0.19 0.00 | 10.02 0.25 0.00 | 7.90 0.19 0.00 | 20.88 0.55 0.00 | 38.73 1.49 0.00 | 39.87 1.06 -17.79 | 36.32 1.50 -3.68 | 71.64 0.33 -64.57 | 32.29 0.98 -10.08 | 41.06 0.92 -21.25 | 41.28 1.01 -19.38 | 41.95 0.87 -23.02 | 44.76 0.99 -23.55 | 36.37 1.02 -14.10 | 41.04 1.01 -19.79 | 33.55 1.42 -3.70 | 30.15 1.03 -9.33 | 22.10 1.01 -1.53 | 35.74 1.00 -17.42 | 46.55 0.87 -27.90 | 38.35 0.91 -19.59 | 26.83 0.88 -0.28 |
| MONTAUK___DIESEL 23721 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| N SALMON___HYD 24042 | 47.61 -0.34 0.00 | 22.65 -0.14 0.00 | 7.26 -0.04 0.00 | 9.71 -0.06 0.00 | 7.66 -0.04 0.00 | 20.22 -0.10 0.00 | 36.68 -0.57 0.00 | 20.48 -0.44 0.11 | 30.50 -0.64 0.00 | 6.49 -0.11 0.13 | 20.83 -0.34 0.06 | 18.56 -0.30 0.04 | 20.49 -0.30 0.10 | 17.79 -0.25 0.02 | 19.87 -0.30 0.05 | 20.99 -0.29 -0.02 | 20.00 -0.30 -0.05 | 27.95 -0.45 0.02 | 19.39 -0.35 0.05 | 19.18 -0.37 0.01 | 16.90 -0.33 0.09 | 17.37 -0.23 0.17 | 17.46 -0.30 0.10 | 25.46 -0.20 0.00 |
| N.E_GEN_SANDY PD 24062 | 49.72 2.26 0.49 | 23.72 0.93 0.00 | 7.54 0.24 0.00 | 10.13 0.36 0.00 | 8.00 0.30 0.00 | 21.23 0.90 0.00 | 39.00 1.75 0.00 | 43.51 0.95 -21.54 | 34.68 1.29 -2.26 | 55.67 0.30 -48.63 | 34.32 0.89 -12.20 | 34.99 0.86 -15.23 | 43.09 0.65 -21.54 | 32.25 0.49 -13.70 | 38.52 0.48 -17.82 | 26.92 0.49 -5.18 | 24.84 0.47 -4.12 | 33.58 0.67 -4.48 | 31.46 0.38 -11.29 | 21.72 0.30 -1.86 | 36.14 0.28 -18.55 | 51.99 0.45 -33.76 | 29.43 0.39 -11.18 | 26.46 0.57 -0.23 |
| NARROWS_GT1_1 24228 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_2 24229 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_3 24230 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_4 24231 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |

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|---------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT1_5 24232 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_6 24233 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_7 24234 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_8 24235 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT1_GRP 23726 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_1 24236 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_2 24237 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_3 24238 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_4 24239 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_5 24240 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_6 24241 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_7 24242 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_8 24243 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NARROWS_GT2_GRP 23741 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.90 2.29 -10.38 | 43.14 2.04 -22.21 | 43.08 2.17 -20.02 | 44.04 1.84 -24.15 | 46.77 1.96 -24.59 | 38.14 2.00 -14.88 | 43.11 1.87 -21.00 | 34.86 2.62 -3.81 | 31.26 1.87 -9.60 | 22.98 1.83 -1.58 | 37.21 1.86 -18.02 | 48.38 1.87 -28.74 | 39.99 1.99 -20.14 | 28.33 2.38 -0.29 |
| NEG CAPITAL___MECHNVIL 23645 | 50.71 2.76 0.00 | 23.90 1.10 0.00 | 7.55 0.25 0.00 | 10.17 0.40 0.00 | 8.05 0.34 0.00 | 21.40 1.08 0.00 | 39.26 2.01 0.00 | 45.23 0.99 -23.22 | 34.27 1.29 -1.84 | 51.56 0.32 -44.51 | 35.31 0.93 -13.16 | 33.44 0.94 -13.61 | 44.67 1.07 -22.72 | 29.79 0.91 -10.83 | 37.20 0.91 -16.07 | 24.29 0.94 -2.10 | 19.75 0.88 1.38 | 34.54 1.28 -4.83 | 32.69 0.73 -12.18 | 22.16 0.60 -2.00 | 37.04 0.48 -19.25 | 55.01 0.85 -36.39 | 44.15 0.73 -25.56 | 27.22 1.19 -0.37 |
| NEG CENTRAL_HIGH_ACRES 23767 | 42.30 -5.65 0.00 | 20.21 -2.58 0.00 | 6.53 -0.77 0.00 | 8.67 -1.10 0.00 | 6.77 -0.93 0.00 | 17.94 -2.38 0.00 | 33.79 -3.46 0.00 | 21.36 -1.80 -2.13 | 29.40 -2.07 -0.33 | 12.45 -0.55 -6.26 | 21.02 -1.42 -1.21 | 19.57 -1.35 -2.02 | 21.56 -1.56 -2.23 | 18.79 -1.31 -2.05 | 21.06 -1.45 -2.29 | 20.61 -1.74 -1.10 | 19.82 -1.80 -1.38 | 25.92 -2.95 -0.44 | 19.07 -1.83 -1.11 | 18.22 -1.53 -0.18 | 17.78 -1.50 -1.96 | 19.38 -1.74 -3.34 | 18.42 -1.77 -2.33 | 23.16 -2.54 -0.03 |

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| NEG CENTRAL___INDECK 23768 | 44.37 -3.58 0.00 | 21.22 -1.57 0.00 | 6.89 -0.40 0.00 | 9.16 -0.60 0.00 | 7.26 -0.44 0.00 | 18.99 -1.34 0.00 | 34.34 -2.91 0.00 | 22.49 -1.71 -3.18 | 29.26 -2.37 -0.49 | 15.52 -0.56 -9.34 | 21.36 -1.67 -1.81 | 20.30 -1.62 -3.02 | 22.41 -1.81 -3.33 | 19.53 -1.59 -3.06 | 21.93 -1.72 -3.42 | 21.22 -1.67 -1.64 | 20.67 -1.63 -2.06 | 26.79 -2.29 -0.66 | 20.07 -1.38 -1.66 | 18.62 -1.22 -0.27 | 19.06 -1.18 -2.92 | 21.35 -1.41 -4.98 | 19.99 -1.34 -3.48 | 23.91 -1.80 -0.05 |
| NEG CENTRAL___SENECA 23627 | 47.95 0.00 0.00 | 22.79 0.00 0.00 | 7.30 0.00 0.00 | 9.77 0.00 0.00 | 7.70 0.00 0.00 | 20.33 0.00 0.00 | 37.25 0.00 0.00 | 21.02 0.00 0.00 | 31.14 0.00 0.00 | 6.74 0.00 0.00 | 21.23 0.00 0.00 | 18.90 0.00 0.00 | 20.89 0.00 0.00 | 18.05 0.00 0.00 | 20.22 0.00 0.00 | 21.25 0.00 0.00 | 20.24 0.00 0.00 | 28.42 0.00 0.00 | 19.79 0.00 0.00 | 19.56 0.00 0.00 | 17.32 0.00 0.00 | 17.77 0.00 0.00 | 17.86 0.00 0.00 | 25.66 0.00 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 45.49 -2.46 0.00 | 21.59 -1.21 0.00 | 6.93 -0.36 0.00 | 9.38 -0.38 0.00 | 7.35 -0.35 0.00 | 19.46 -0.87 0.00 | 36.43 -0.82 0.00 | 22.88 -0.22 -2.07 | 31.52 0.05 -0.32 | 12.92 0.04 -6.14 | 22.69 0.28 -1.18 | 21.00 0.12 -1.98 | 23.15 0.08 -2.18 | 20.18 0.11 -2.02 | 22.55 0.08 -2.25 | 22.19 -0.14 -1.08 | 21.40 -0.22 -1.37 | 28.23 -0.63 -0.43 | 20.47 -0.40 -1.09 | 19.45 -0.29 -0.18 | 18.95 -0.28 -1.91 | 20.70 -0.32 -3.25 | 19.67 -0.47 -2.28 | 24.76 -0.94 -0.03 |
| NEG NORTH_FLCN_SEA 23793 | 49.76 1.81 0.00 | 23.59 0.80 0.00 | 7.57 0.28 0.00 | 10.24 0.47 0.00 | 8.09 0.39 0.00 | 21.33 1.00 0.00 | 39.29 2.04 0.00 | 22.25 1.39 0.16 | 33.27 2.14 0.01 | 6.98 0.53 0.28 | 22.79 1.65 0.09 | 20.18 1.37 0.08 | 22.22 1.49 0.16 | 19.28 1.29 0.06 | 21.54 1.43 0.11 | 22.72 1.47 0.01 | 21.72 1.45 -0.02 | 30.37 1.98 0.03 | 21.02 1.31 0.08 | 20.86 1.32 0.01 | 18.42 1.23 0.13 | 18.77 1.25 0.25 | 18.87 1.16 0.15 | 26.89 1.23 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 48.57 0.62 0.00 | 23.14 0.34 0.00 | 7.37 0.08 0.00 | 9.86 0.10 0.00 | 7.78 0.08 0.00 | 20.56 0.24 0.00 | 37.35 0.11 0.00 | 20.80 -0.08 0.15 | 30.97 -0.16 0.01 | 6.47 -0.03 0.25 | 21.07 -0.08 0.08 | 18.76 -0.06 0.07 | 20.68 -0.07 0.14 | 17.94 -0.07 0.05 | 20.03 -0.10 0.09 | 21.17 -0.09 0.00 | 20.18 -0.09 -0.03 | 28.28 -0.12 0.03 | 19.60 -0.12 0.07 | 19.39 -0.16 0.01 | 17.05 -0.15 0.12 | 17.45 -0.09 0.23 | 17.53 -0.19 0.14 | 25.69 0.03 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 49.03 1.08 0.00 | 23.37 0.57 0.00 | 7.44 0.14 0.00 | 9.96 0.19 0.00 | 7.87 0.16 0.00 | 20.82 0.50 0.00 | 37.63 0.38 0.00 | 20.90 0.03 0.16 | 31.07 -0.06 0.01 | 6.47 0.01 0.28 | 21.14 0.00 0.09 | 18.85 0.03 0.08 | 20.76 0.02 0.15 | 18.00 0.01 0.06 | 20.07 -0.04 0.10 | 21.21 -0.03 0.01 | 20.22 -0.05 -0.02 | 28.34 -0.05 0.03 | 19.63 -0.08 0.08 | 19.41 -0.13 0.01 | 17.09 -0.10 0.13 | 17.53 0.01 0.25 | 17.57 -0.14 0.15 | 25.78 0.12 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 49.03 1.08 0.00 | 23.37 0.57 0.00 | 7.44 0.14 0.00 | 9.96 0.19 0.00 | 7.87 0.16 0.00 | 20.82 0.50 0.00 | 37.63 0.38 0.00 | 20.90 0.03 0.16 | 31.07 -0.06 0.01 | 6.47 0.01 0.28 | 21.14 0.00 0.09 | 18.85 0.03 0.08 | 20.76 0.02 0.15 | 18.00 0.01 0.06 | 20.07 -0.04 0.10 | 21.21 -0.03 0.01 | 20.22 -0.05 -0.02 | 28.34 -0.05 0.03 | 19.63 -0.08 0.08 | 19.41 -0.13 0.01 | 17.09 -0.10 0.13 | 17.53 0.01 0.25 | 17.57 -0.14 0.15 | 25.78 0.12 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 48.42 0.47 0.00 | 23.09 0.29 0.00 | 7.35 0.05 0.00 | 9.84 0.08 0.00 | 7.78 0.07 0.00 | 20.58 0.25 0.00 | 37.22 -0.03 0.00 | 20.69 -0.18 0.16 | 30.75 -0.37 0.01 | 6.39 -0.07 0.28 | 20.89 -0.24 0.09 | 18.62 -0.19 0.08 | 20.51 -0.22 0.15 | 17.79 -0.20 0.06 | 19.84 -0.28 0.10 | 20.96 -0.29 0.01 | 19.98 -0.29 -0.02 | 28.01 -0.38 0.03 | 19.40 -0.31 0.08 | 19.21 -0.34 0.01 | 16.91 -0.28 0.13 | 17.32 -0.21 0.25 | 17.37 -0.34 0.15 | 25.44 -0.22 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 43.23 -4.72 0.00 | 20.85 -1.94 0.00 | 6.82 -0.47 0.00 | 9.01 -0.76 0.00 | 7.12 -0.59 0.00 | 18.55 -1.77 0.00 | 33.35 -3.90 0.00 | 21.50 -2.27 -2.74 | 28.46 -3.10 -0.43 | 14.09 -0.76 -8.11 | 20.74 -2.07 -1.59 | 19.52 -2.02 -2.65 | 21.54 -2.27 -2.92 | 18.77 -1.97 -2.69 | 21.10 -2.12 -3.00 | 20.60 -2.09 -1.43 | 19.77 -2.25 -1.78 | 25.76 -3.24 -0.57 | 19.35 -1.87 -1.44 | 18.23 -1.56 -0.24 | 18.28 -1.57 -2.52 | 20.14 -1.94 -4.30 | 19.16 -1.71 -3.02 | 23.51 -2.19 -0.04 |
| NEG WEST___LANCASTR 23811 | 44.27 -3.69 0.00 | 21.31 -1.48 0.00 | 6.95 -0.34 0.00 | 9.22 -0.54 0.00 | 7.27 -0.43 0.00 | 19.00 -1.33 0.00 | 34.35 -2.89 0.00 | 22.61 -1.63 -3.22 | 29.28 -2.36 -0.50 | 15.62 -0.58 -9.46 | 21.33 -1.74 -1.83 | 20.27 -1.69 -3.06 | 22.39 -1.88 -3.38 | 19.53 -1.63 -3.10 | 21.95 -1.74 -3.47 | 21.18 -1.73 -1.66 | 20.64 -1.68 -2.08 | 26.77 -2.32 -0.67 | 20.10 -1.37 -1.68 | 18.68 -1.16 -0.28 | 19.21 -1.07 -2.96 | 21.39 -1.44 -5.05 | 20.16 -1.22 -3.52 | 24.03 -1.68 -0.05 |
| NEG_PENN_ALLEGHNY 23528 | 48.48 0.53 0.00 | 23.09 0.29 0.00 | 7.42 0.13 0.00 | 9.94 0.17 0.00 | 7.85 0.14 0.00 | 20.65 0.32 0.00 | 37.77 0.52 0.00 | 27.41 0.38 -6.01 | 32.51 0.44 -0.93 | 24.48 0.11 -17.63 | 24.88 0.25 -3.41 | 24.80 0.21 -5.69 | 27.41 0.24 -6.28 | 24.03 0.20 -5.77 | 26.91 0.24 -6.45 | 24.64 0.30 -3.09 | 24.50 0.37 -3.88 | 30.26 0.59 -1.25 | 23.37 0.43 -3.16 | 20.50 0.42 -0.52 | 23.31 0.46 -5.53 | 27.58 0.38 -9.42 | 24.93 0.43 -6.64 | 26.14 0.38 -0.09 |
| NEPA___ENERGY 23901 | 44.81 -3.14 0.00 | 21.52 -1.27 0.00 | 7.03 -0.27 0.00 | 9.33 -0.44 0.00 | 7.33 -0.38 0.00 | 19.22 -1.11 0.00 | 35.11 -2.14 0.00 | 23.35 -1.16 -3.49 | 29.99 -1.69 -0.54 | 16.60 -0.39 -10.26 | 22.20 -1.01 -1.99 | 21.19 -1.02 -3.31 | 23.40 -1.15 -3.66 | 20.42 -0.99 -3.36 | 22.93 -1.05 -3.75 | 21.93 -1.11 -1.79 | 21.40 -1.10 -2.26 | 27.59 -1.56 -0.73 | 20.68 -0.93 -1.83 | 19.10 -0.77 -0.30 | 19.90 -0.63 -3.21 | 22.24 -1.01 -5.48 | 20.91 -0.78 -3.83 | 24.49 -1.23 -0.06 |
| NEVERSINK___HYD 23608 | 46.19 -1.76 0.00 | 22.95 0.16 0.00 | 7.36 0.07 0.00 | 9.83 0.06 0.00 | 7.76 0.05 0.00 | 20.41 0.09 0.00 | 37.20 -0.05 0.00 | 35.81 -0.97 -15.76 | 32.86 -1.32 -3.04 | 60.74 -0.29 -54.30 | 29.26 -0.90 -8.93 | 35.88 -0.81 -17.79 | 36.99 -0.88 -16.98 | 36.27 -0.77 -18.99 | 39.13 -0.90 -19.81 | 31.70 -0.86 -11.31 | 34.90 -0.91 -15.56 | 30.40 -1.30 -3.28 | 27.98 -0.08 -8.27 | 20.94 0.01 -1.36 | 32.55 0.04 -15.19 | 42.47 -0.03 -24.72 | 35.23 0.02 -17.35 | 26.08 0.17 -0.25 |
| NIAGARA____ 23760 | 43.49 -4.46 0.00 | 20.94 -1.85 0.00 | 6.81 -0.49 0.00 | 8.99 -0.78 0.00 | 7.09 -0.62 0.00 | 18.53 -1.79 0.00 | 33.61 -3.64 0.00 | 21.72 -2.05 -2.75 | 28.88 -2.68 -0.43 | 14.05 -0.73 -8.04 | 20.57 -2.21 -1.55 | 19.33 -2.15 -2.58 | 21.32 -2.42 -2.85 | 18.59 -2.09 -2.62 | 20.90 -2.24 -2.92 | 20.41 -2.24 -1.40 | 19.82 -2.20 -1.77 | 25.84 -3.16 -0.57 | 19.49 -1.74 -1.44 | 18.45 -1.35 -0.24 | 18.41 -1.44 -2.53 | 20.26 -1.83 -4.31 | 19.27 -1.62 -3.02 | 23.62 -2.09 -0.04 |
| NINE_MILE_1 23575 | 45.95 -2.00 0.00 | 21.86 -0.93 0.00 | 7.02 -0.28 0.00 | 9.39 -0.38 0.00 | 7.41 -0.30 0.00 | 19.51 -0.81 0.00 | 35.70 -1.55 0.00 | 21.29 -0.88 -1.14 | 30.05 -1.27 -0.18 | 9.81 -0.28 -3.35 | 21.01 -0.86 -0.65 | 19.19 -0.79 -1.08 | 21.21 -0.87 -1.19 | 18.39 -0.75 -1.09 | 20.61 -0.84 -1.23 | 20.97 -0.87 -0.59 | 20.14 -0.84 -0.74 | 27.47 -1.19 -0.24 | 19.58 -0.80 -0.59 | 18.90 -0.76 -0.10 | 17.69 -0.68 -1.05 | 18.84 -0.72 -1.79 | 18.39 -0.71 -1.24 | 24.66 -1.02 -0.02 |
| NINE_MILE_2 23744 | 45.86 -2.09 0.00 | 21.82 -0.97 0.00 | 7.00 -0.29 0.00 | 9.37 -0.40 0.00 | 7.39 -0.31 0.00 | 19.48 -0.85 0.00 | 35.63 -1.62 0.00 | 21.25 -0.91 -1.13 | 29.99 -1.32 -0.18 | 9.77 -0.29 -3.32 | 20.97 -0.90 -0.64 | 19.15 -0.82 -1.07 | 21.16 -0.91 -1.18 | 18.36 -0.78 -1.09 | 20.56 -0.87 -1.21 | 20.93 -0.91 -0.58 | 20.10 -0.87 -0.73 | 27.42 -1.24 -0.24 | 19.55 -0.83 -0.59 | 18.87 -0.79 -0.10 | 17.65 -0.71 -1.04 | 18.80 -0.75 -1.78 | 18.35 -0.74 -1.23 | 24.62 -1.06 -0.02 |

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| NM CAPITAL__NUG 23643 | 50.71 2.76 0.00 | 23.90 1.10 0.00 | 7.55 0.25 0.00 | 10.17 0.40 0.00 | 8.05 0.34 0.00 | 21.40 1.08 0.00 | 39.26 2.01 0.00 | 45.19 0.99 -23.18 | 34.26 1.29 -1.83 | 51.37 0.32 -44.31 | 35.29 0.93 -13.13 | 33.37 0.94 -13.54 | 44.62 1.07 -22.67 | 29.71 0.91 -10.75 | 37.10 0.91 -15.97 | 24.22 0.94 -2.02 | 19.63 0.88 1.50 | 34.53 1.28 -4.82 | 32.67 0.73 -12.15 | 22.16 0.60 -2.00 | 36.99 0.48 -19.19 | 54.94 0.85 -36.32 | 44.11 0.73 -25.52 | 27.22 1.19 -0.36 |
| NM CENTRAL__NUG 23634 | 47.61 -0.34 0.00 | 22.65 -0.14 0.00 | 7.26 -0.04 0.00 | 9.71 -0.06 0.00 | 7.66 -0.04 0.00 | 20.22 -0.10 0.00 | 36.68 -0.57 0.00 | 21.79 -0.44 -1.20 | 30.69 -0.64 -0.19 | 10.21 -0.11 -3.58 | 21.58 -0.34 -0.68 | 19.76 -0.30 -1.16 | 21.85 -0.30 -1.26 | 18.99 -0.25 -1.18 | 21.23 -0.30 -1.31 | 21.60 -0.29 -0.64 | 20.76 -0.30 -0.81 | 28.22 -0.45 -0.25 | 20.08 -0.35 -0.64 | 19.29 -0.37 -0.10 | 18.10 -0.33 -1.11 | 19.43 -0.23 -1.88 | 18.91 -0.30 -1.35 | 25.48 -0.20 -0.02 |
| NM MOHAWK__NUG 23633 | 48.02 0.07 0.00 | 22.81 0.02 0.00 | 7.30 0.01 0.00 | 9.78 0.01 0.00 | 7.71 0.01 0.00 | 20.36 0.04 0.00 | 37.39 0.14 0.00 | 20.90 0.11 0.24 | 31.27 0.15 0.01 | 6.37 0.03 0.39 | 21.17 0.08 0.14 | 18.86 0.08 0.12 | 20.75 0.09 0.23 | 18.04 0.07 0.08 | 20.15 0.08 0.15 | 21.32 0.07 0.00 | 20.36 0.07 -0.04 | 28.49 0.11 0.05 | 19.73 0.07 0.13 | 19.62 0.08 0.02 | 17.21 0.08 0.19 | 17.47 0.08 0.38 | 17.67 0.09 0.28 | 25.71 0.05 0.00 |
| NM NORTH__NUG 24055 | 48.93 0.98 0.00 | 23.30 0.50 0.00 | 7.42 0.13 0.00 | 9.93 0.16 0.00 | 7.83 0.12 0.00 | 20.65 0.32 0.00 | 37.63 0.39 0.00 | 20.97 0.08 0.13 | 31.28 0.15 0.01 | 6.57 0.04 0.21 | 21.32 0.17 0.08 | 18.97 0.14 0.06 | 20.93 0.17 0.13 | 18.16 0.14 0.04 | 20.28 0.14 0.08 | 21.45 0.19 0.00 | 20.46 0.17 -0.04 | 28.64 0.24 0.03 | 19.86 0.13 0.06 | 19.62 0.07 0.01 | 17.25 0.03 0.11 | 17.67 0.11 0.21 | 17.76 0.03 0.13 | 26.03 0.37 0.00 |
| NM WEST__NUG 23774 | 43.73 -4.22 0.00 | 21.04 -1.75 0.00 | 6.84 -0.45 0.00 | 9.03 -0.74 0.00 | 7.12 -0.58 0.00 | 18.63 -1.69 0.00 | 33.83 -3.42 0.00 | 21.90 -1.92 -2.79 | 29.09 -2.48 -0.43 | 14.22 -0.69 -8.17 | 20.75 -2.05 -1.58 | 19.52 -2.01 -2.64 | 21.53 -2.27 -2.90 | 18.78 -1.95 -2.67 | 21.11 -2.09 -2.99 | 20.59 -2.09 -1.43 | 19.99 -2.05 -1.80 | 26.04 -2.96 -0.58 | 19.63 -1.62 -1.46 | 18.57 -1.23 -0.24 | 18.55 -1.33 -2.57 | 20.44 -1.71 -4.38 | 19.41 -1.51 -3.06 | 23.75 -1.96 -0.04 |
| NM_ST_REGIS__HYD 24053 | 49.46 1.51 0.00 | 23.55 0.75 0.00 | 7.49 0.20 0.00 | 10.02 0.25 0.00 | 7.90 0.20 0.00 | 20.87 0.54 0.00 | 37.88 0.63 0.00 | 21.15 0.15 0.02 | 31.38 0.23 -0.01 | 6.94 0.07 -0.13 | 21.42 0.21 0.01 | 19.13 0.18 -0.04 | 21.10 0.22 0.01 | 18.31 0.18 -0.07 | 20.42 0.16 -0.04 | 21.54 0.23 -0.06 | 20.53 0.18 -0.11 | 28.67 0.25 0.00 | 19.91 0.13 0.01 | 19.59 0.03 0.00 | 17.33 0.01 0.00 | 17.91 0.17 0.04 | 17.88 0.04 0.02 | 26.16 0.50 0.00 |
| NORTHPORT__1 23551 | 48.92 0.97 0.00 | 23.17 0.37 0.00 | 7.52 0.22 0.00 | 10.13 0.36 0.00 | 7.96 0.25 0.00 | 36.99 0.82 -15.84 | 43.50 2.17 -4.08 | 40.72 1.38 -18.32 | 37.12 1.85 -4.13 | 74.53 0.40 -67.39 | 32.80 1.19 -10.38 | 42.23 1.13 -22.20 | 43.19 1.27 -21.03 | 44.37 1.10 -25.21 | 47.02 1.22 -25.58 | 45.64 1.27 -23.11 | 45.77 1.23 -24.29 | 41.14 1.63 -11.08 | 38.88 1.08 -18.01 | 37.62 1.04 -17.02 | 39.09 1.03 -20.74 | 47.39 0.88 -28.73 | 38.81 0.82 -20.14 | 26.79 0.84 -0.29 |
| NORTHPORT__2 23552 | 48.90 0.95 0.00 | 23.17 0.37 0.00 | 7.52 0.23 0.00 | 10.13 0.36 0.00 | 7.96 0.25 0.00 | 37.00 0.83 -15.84 | 43.52 2.20 -4.08 | 40.72 1.38 -18.32 | 37.11 1.84 -4.13 | 74.53 0.40 -67.39 | 32.80 1.19 -10.38 | 42.24 1.14 -22.20 | 43.19 1.27 -21.03 | 44.38 1.11 -25.21 | 47.02 1.23 -25.58 | 45.64 1.28 -23.11 | 45.77 1.24 -24.29 | 41.14 1.63 -11.08 | 38.87 1.08 -18.01 | 37.63 1.05 -17.02 | 39.08 1.02 -20.74 | 47.37 0.86 -28.73 | 38.82 0.82 -20.14 | 26.81 0.86 -0.29 |
| NORTHPORT__3 23553 | 49.25 1.30 0.00 | 23.31 0.51 0.00 | 7.51 0.22 0.00 | 10.13 0.36 0.00 | 7.97 0.26 0.00 | 36.98 0.81 -15.84 | 43.27 1.94 -4.08 | 40.54 1.20 -18.32 | 36.96 1.69 -4.13 | 74.47 0.34 -67.39 | 32.58 0.97 -10.38 | 42.03 0.93 -22.20 | 42.94 1.02 -21.03 | 44.15 0.88 -25.21 | 46.78 0.99 -25.58 | 45.42 1.06 -23.11 | 45.58 1.05 -24.29 | 40.95 1.44 -11.08 | 38.81 1.02 -18.01 | 37.58 1.00 -17.02 | 39.07 1.02 -20.74 | 47.35 0.84 -28.73 | 38.81 0.81 -20.14 | 26.79 0.84 -0.29 |
| NORTHPORT__4 23650 | 49.30 1.35 0.00 | 23.29 0.49 0.00 | 7.51 0.22 0.00 | 10.13 0.36 0.00 | 7.97 0.26 0.00 | 36.97 0.81 -15.84 | 43.29 1.96 -4.08 | 40.57 1.23 -18.32 | 37.02 1.75 -4.13 | 74.49 0.36 -67.39 | 32.62 1.01 -10.38 | 42.05 0.96 -22.20 | 42.97 1.05 -21.03 | 44.17 0.90 -25.21 | 46.81 1.02 -25.58 | 45.44 1.08 -23.11 | 45.59 1.06 -24.29 | 40.95 1.45 -11.08 | 38.83 1.03 -18.01 | 37.60 1.02 -17.02 | 39.09 1.04 -20.74 | 47.37 0.86 -28.73 | 38.82 0.82 -20.14 | 26.80 0.85 -0.29 |
| NORTHPORT__IC 23718 | 49.30 1.35 0.00 | 23.29 0.49 0.00 | 7.51 0.22 0.00 | 10.13 0.36 0.00 | 7.97 0.26 0.00 | 36.97 0.81 -15.84 | 43.29 1.96 -4.08 | 40.57 1.23 -18.32 | 37.02 1.75 -4.13 | 74.49 0.36 -67.39 | 32.62 1.01 -10.38 | 42.05 0.96 -22.20 | 42.97 1.05 -21.03 | 44.17 0.90 -25.21 | 46.81 1.02 -25.58 | 45.44 1.08 -23.11 | 45.59 1.06 -24.29 | 40.95 1.45 -11.08 | 38.83 1.03 -18.01 | 37.60 1.02 -17.02 | 39.09 1.04 -20.74 | 47.37 0.86 -28.73 | 38.82 0.82 -20.14 | 26.80 0.85 -0.29 |
| NSINS_S__GLNS_FALLS 23858 | 49.88 1.93 0.00 | 23.37 0.58 0.00 | 7.35 0.05 0.00 | 9.91 0.14 0.00 | 7.88 0.17 0.00 | 21.14 0.82 0.00 | 38.90 1.65 0.00 | 45.52 0.77 -23.72 | 33.95 0.93 -1.88 | 52.43 0.19 -45.50 | 35.14 0.47 -13.44 | 33.43 0.62 -13.91 | 44.90 0.81 -23.21 | 29.68 0.47 -11.15 | 37.17 0.37 -16.58 | 23.94 0.37 -2.32 | 19.46 0.33 1.11 | 34.12 0.76 -4.94 | 32.44 0.22 -12.44 | 21.70 0.10 -2.05 | 37.07 0.04 -19.71 | 55.35 0.39 -37.19 | 44.29 0.34 -26.09 | 26.53 0.49 -0.37 |
| NYISO_LBMP_REFERENCE 24008 | 47.95 0.00 0.00 | 22.79 0.00 0.00 | 7.30 0.00 0.00 | 9.77 0.00 0.00 | 7.70 0.00 0.00 | 20.33 0.00 0.00 | 37.25 0.00 0.00 | 21.02 0.00 0.00 | 31.14 0.00 0.00 | 6.74 0.00 0.00 | 21.23 0.00 0.00 | 18.90 0.00 0.00 | 20.89 0.00 0.00 | 18.05 0.00 0.00 | 20.22 0.00 0.00 | 21.25 0.00 0.00 | 20.24 0.00 0.00 | 28.42 0.00 0.00 | 19.79 0.00 0.00 | 19.56 0.00 0.00 | 17.32 0.00 0.00 | 17.77 0.00 0.00 | 17.86 0.00 0.00 | 25.66 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 49.27 1.32 0.00 | 23.34 0.55 0.00 | 7.55 0.26 0.00 | 10.16 0.39 0.00 | 7.99 0.28 0.00 | 37.07 0.90 -15.84 | 43.66 2.33 -4.08 | 40.86 1.51 -18.32 | 37.35 2.08 -4.13 | 74.58 0.45 -67.39 | 32.96 1.35 -10.38 | 42.39 1.29 -22.20 | 43.36 1.44 -21.03 | 44.52 1.25 -25.21 | 47.19 1.39 -25.58 | 45.81 1.45 -23.11 | 45.93 1.40 -24.29 | 41.38 1.87 -11.08 | 39.05 1.26 -18.01 | 37.79 1.21 -17.02 | 39.24 1.18 -20.74 | 47.54 1.03 -28.73 | 38.97 0.97 -20.14 | 26.99 1.04 -0.29 |
| NYPA_GOWANUS____GT5 24156 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.46 3.47 -3.86 | 74.92 0.77 -67.41 | 33.94 2.33 -10.38 | 43.27 2.16 -22.21 | 43.25 2.34 -20.02 | 44.21 2.01 -24.15 | 46.99 2.19 -24.59 | 38.42 2.28 -14.88 | 43.39 2.15 -21.00 | 35.31 3.07 -3.81 | 31.60 2.21 -9.60 | 23.30 2.16 -1.58 | 37.43 2.09 -18.02 | 48.49 1.98 -28.74 | 40.01 2.01 -20.14 | 28.33 2.38 -0.29 |
| NYPA_GOWANUS____GT6 24157 | 51.41 3.46 0.00 | 24.32 1.52 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.61 0.00 | 41.74 2.40 -18.32 | 38.46 3.47 -3.86 | 74.92 0.77 -67.41 | 33.94 2.33 -10.38 | 43.27 2.16 -22.21 | 43.25 2.34 -20.02 | 44.21 2.01 -24.15 | 46.99 2.19 -24.59 | 38.42 2.28 -14.88 | 43.39 2.15 -21.00 | 35.31 3.07 -3.81 | 31.60 2.21 -9.60 | 23.30 2.16 -1.58 | 37.43 2.09 -18.02 | 48.49 1.98 -28.74 | 40.01 2.01 -20.14 | 28.33 2.38 -0.29 |

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|-------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NYPA_HARLEM__RVR_GT1 24160 | 51.79 3.84 0.00 | 24.54 1.74 0.00 | 7.85 0.55 0.00 | 10.50 0.73 0.00 | 8.28 0.57 0.00 | 21.97 1.65 0.00 | 41.29 4.05 0.00 | 41.97 2.62 -18.32 | 38.76 3.76 -3.86 | 74.97 0.82 -67.41 | 33.99 2.37 -10.38 | 43.30 2.19 -22.21 | 43.27 2.36 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.49 2.35 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.58 2.07 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| NYPA_HARLEM__RVR_GT2 24161 | 51.79 3.84 0.00 | 24.54 1.74 0.00 | 7.85 0.55 0.00 | 10.50 0.73 0.00 | 8.28 0.57 0.00 | 21.97 1.65 0.00 | 41.29 4.05 0.00 | 41.97 2.62 -18.32 | 38.76 3.76 -3.86 | 74.97 0.82 -67.41 | 33.99 2.37 -10.38 | 43.30 2.19 -22.21 | 43.27 2.36 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.49 2.35 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.58 2.07 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| NYPA_KENT____GT 24152 | 51.41 3.46 0.00 | 24.32 1.53 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.62 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.94 2.33 -10.38 | 43.27 2.16 -22.21 | 43.25 2.34 -20.02 | 44.22 2.01 -24.15 | 47.00 2.19 -24.59 | 38.42 2.28 -14.88 | 43.39 2.15 -21.00 | 35.31 3.08 -3.81 | 31.60 2.21 -9.60 | 23.30 2.16 -1.58 | 37.43 2.09 -18.02 | 48.49 1.98 -28.74 | 40.01 2.01 -20.14 | 28.33 2.38 -0.29 |
| NYPA_POUCH1____GT 24155 | 51.14 3.19 0.00 | 24.18 1.39 0.00 | 7.75 0.45 0.00 | 10.36 0.60 0.00 | 8.17 0.47 0.00 | 21.67 1.35 0.00 | 40.61 3.36 0.00 | 41.59 2.24 -18.32 | 38.21 3.21 -3.86 | 74.86 0.71 -67.41 | 33.78 2.17 -10.38 | 43.13 2.03 -22.21 | 43.10 2.19 -20.02 | 44.09 1.89 -24.15 | 46.88 2.07 -24.59 | 38.31 2.17 -14.88 | 43.31 2.06 -21.00 | 35.17 2.93 -3.81 | 31.50 2.11 -9.60 | 23.19 2.05 -1.58 | 37.33 1.98 -18.02 | 48.36 1.85 -28.74 | 39.86 1.86 -20.14 | 28.15 2.20 -0.29 |
| NYPA_VERNON____GT2 24162 | 51.24 3.29 0.00 | 24.25 1.45 0.00 | 7.76 0.47 0.00 | 10.39 0.62 0.00 | 8.19 0.49 0.00 | 21.73 1.40 0.00 | 40.73 3.48 0.00 | 41.65 2.30 -18.32 | 38.32 3.32 -3.86 | 74.88 0.73 -67.41 | 33.82 2.20 -10.38 | 43.17 2.06 -22.21 | 43.14 2.23 -20.02 | 44.14 1.93 -24.15 | 46.94 2.13 -24.59 | 38.37 2.23 -14.88 | 43.39 2.15 -21.00 | 35.32 3.08 -3.81 | 31.58 2.19 -9.60 | 23.27 2.13 -1.58 | 37.39 2.04 -18.03 | 48.43 1.91 -28.74 | 39.92 1.92 -20.14 | 28.21 2.26 -0.29 |
| NYPA_VERNON____GT3 24163 | 51.24 3.29 0.00 | 24.25 1.45 0.00 | 7.76 0.47 0.00 | 10.39 0.62 0.00 | 8.19 0.49 0.00 | 21.73 1.40 0.00 | 40.73 3.48 0.00 | 41.65 2.30 -18.32 | 38.32 3.32 -3.86 | 74.88 0.73 -67.41 | 33.82 2.20 -10.38 | 43.17 2.06 -22.21 | 43.14 2.23 -20.02 | 44.14 1.93 -24.15 | 46.94 2.13 -24.59 | 38.37 2.23 -14.88 | 43.39 2.15 -21.00 | 35.32 3.08 -3.81 | 31.58 2.19 -9.60 | 23.27 2.13 -1.58 | 37.39 2.04 -18.03 | 48.43 1.91 -28.74 | 39.92 1.92 -20.14 | 28.21 2.26 -0.29 |
| NYPA__HOLTSVILL 23794 | 49.15 1.20 0.00 | 23.33 0.54 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 8.00 0.29 0.00 | 37.08 0.91 -15.84 | 43.65 2.32 -4.08 | 40.88 1.54 -18.32 | 37.37 2.10 -4.13 | 74.58 0.45 -67.39 | 32.98 1.37 -10.38 | 42.41 1.31 -22.20 | 43.41 1.49 -21.03 | 44.56 1.29 -25.21 | 47.23 1.43 -25.58 | 45.86 1.49 -23.11 | 45.95 1.42 -24.29 | 41.36 1.86 -11.08 | 39.02 1.23 -18.01 | 37.73 1.15 -17.02 | 39.20 1.14 -20.74 | 47.50 0.99 -28.73 | 38.89 0.89 -20.14 | 26.86 0.91 -0.29 |
| NYPA__HELLGATE_GT1 24158 | 51.79 3.84 0.00 | 24.54 1.74 0.00 | 7.85 0.55 0.00 | 10.50 0.73 0.00 | 8.28 0.57 0.00 | 21.97 1.64 0.00 | 41.29 4.05 0.00 | 41.97 2.62 -18.32 | 38.76 3.76 -3.86 | 74.97 0.82 -67.41 | 33.98 2.37 -10.38 | 43.30 2.19 -22.21 | 43.27 2.36 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.49 2.35 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.58 2.07 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| NYPA__HELLGATE_GT2 24159 | 51.79 3.84 0.00 | 24.54 1.74 0.00 | 7.85 0.55 0.00 | 10.50 0.73 0.00 | 8.28 0.57 0.00 | 21.97 1.64 0.00 | 41.29 4.05 0.00 | 41.97 2.62 -18.32 | 38.76 3.76 -3.86 | 74.97 0.82 -67.41 | 33.98 2.37 -10.38 | 43.30 2.19 -22.21 | 43.27 2.36 -20.02 | 44.26 2.06 -24.15 | 47.06 2.25 -24.59 | 38.49 2.35 -14.88 | 43.53 2.29 -21.00 | 35.60 3.36 -3.81 | 31.80 2.41 -9.60 | 23.46 2.32 -1.58 | 37.56 2.21 -18.02 | 48.58 2.07 -28.74 | 40.07 2.07 -20.14 | 28.46 2.51 -0.29 |
| O.H_GEN_BRUCE 24063 | 44.09 -3.37 0.49 | 21.11 -1.39 0.29 | 6.94 -0.35 0.00 | 9.19 -0.58 0.00 | 7.25 -0.45 0.00 | 18.99 -1.33 0.00 | 34.53 -2.72 0.00 | 22.49 -1.50 -2.97 | 29.62 -1.98 -0.46 | 14.89 -0.54 -8.70 | 21.25 -1.65 -1.67 | 20.07 -1.62 -2.80 | 22.15 -1.83 -3.09 | 19.32 -1.57 -2.84 | 21.71 -1.68 -3.17 | 21.10 -1.68 -1.52 | 20.54 -1.62 -1.92 | 26.73 -2.31 -0.62 | 20.09 -1.25 -1.56 | 18.86 -0.96 -0.26 | 19.04 -1.01 -2.73 | 21.10 -1.33 -4.66 | 18.87 -1.16 -2.17 | 24.15 -1.56 -0.05 |
| OAK_ORCHARD__HYD 24046 | 44.36 -3.59 0.00 | 21.25 -1.55 0.00 | 6.90 -0.39 0.00 | 9.15 -0.62 0.00 | 7.21 -0.49 0.00 | 18.92 -1.41 0.00 | 34.44 -2.81 0.00 | 21.70 -1.56 -2.24 | 29.47 -2.01 -0.35 | 12.81 -0.51 -6.58 | 21.11 -1.39 -1.27 | 19.67 -1.36 -2.13 | 21.70 -1.54 -2.35 | 18.88 -1.33 -2.16 | 21.21 -1.42 -2.41 | 20.99 -1.41 -1.15 | 20.20 -1.50 -1.45 | 26.67 -2.22 -0.47 | 19.68 -1.29 -1.18 | 18.72 -1.03 -0.19 | 18.32 -1.06 -2.06 | 19.94 -1.34 -3.51 | 19.13 -1.22 -2.49 | 24.04 -1.66 -0.04 |
| ONONDAGA_REF_OCCRA 23987 | 46.88 -1.07 0.00 | 22.32 -0.48 0.00 | 7.18 -0.12 0.00 | 9.62 -0.15 0.00 | 7.59 -0.11 0.00 | 19.99 -0.34 0.00 | 36.38 -0.87 0.00 | 22.15 -0.51 -1.64 | 30.66 -0.74 -0.26 | 11.53 -0.14 -4.93 | 21.76 -0.43 -0.96 | 20.08 -0.42 -1.60 | 22.18 -0.48 -1.77 | 19.28 -0.41 -1.64 | 21.59 -0.45 -1.83 | 21.66 -0.46 -0.87 | 20.88 -0.45 -1.09 | 28.11 -0.66 -0.34 | 20.22 -0.43 -0.87 | 19.29 -0.41 -0.14 | 18.47 -0.37 -1.52 | 19.99 -0.36 -2.58 | 19.30 -0.38 -1.82 | 25.18 -0.51 -0.03 |
| ONONDAGA__COGEN 23986 | 46.28 -1.67 0.00 | 22.04 -0.76 0.00 | 7.09 -0.21 0.00 | 9.49 -0.28 0.00 | 7.49 -0.21 0.00 | 19.72 -0.61 0.00 | 35.93 -1.32 0.00 | 21.97 -0.76 -1.71 | 30.31 -1.09 -0.27 | 11.58 -0.23 -5.08 | 21.50 -0.70 -0.98 | 19.87 -0.67 -1.64 | 21.95 -0.75 -1.81 | 19.09 -0.64 -1.68 | 21.38 -0.71 -1.87 | 21.42 -0.73 -0.89 | 20.66 -0.71 -1.13 | 27.77 -1.01 -0.36 | 20.03 -0.65 -0.90 | 19.10 -0.61 -0.15 | 18.35 -0.55 -1.58 | 19.87 -0.59 -2.68 | 19.17 -0.58 -1.89 | 24.89 -0.80 -0.03 |
| OSWEGATCHIE__HYD 24044 | 49.38 1.43 0.00 | 23.49 0.69 0.00 | 7.48 0.19 0.00 | 10.02 0.25 0.00 | 7.90 0.19 0.00 | 20.87 0.55 0.00 | 37.79 0.55 0.00 | 21.31 0.08 -0.20 | 31.30 0.12 -0.04 | 7.56 0.06 -0.76 | 21.54 0.20 -0.11 | 19.34 0.19 -0.25 | 21.33 0.22 -0.22 | 18.52 0.19 -0.27 | 20.65 0.16 -0.27 | 21.65 0.23 -0.17 | 20.67 0.18 -0.24 | 28.70 0.24 -0.04 | 20.02 0.12 -0.11 | 19.59 0.01 -0.02 | 17.52 0.01 -0.20 | 18.31 0.23 -0.31 | 18.17 0.08 -0.24 | 26.25 0.59 0.00 |
| OSWEGO__5 23606 | 46.37 -1.58 0.00 | 22.07 -0.73 0.00 | 7.08 -0.21 0.00 | 9.48 -0.29 0.00 | 7.48 -0.23 0.00 | 19.70 -0.62 0.00 | 36.01 -1.24 0.00 | 21.63 -0.71 -1.31 | 30.32 -1.02 -0.20 | 10.36 -0.22 -3.85 | 21.29 -0.68 -0.74 | 19.51 -0.63 -1.24 | 21.56 -0.70 -1.37 | 18.71 -0.60 -1.26 | 20.96 -0.67 -1.41 | 21.23 -0.69 -0.67 | 20.42 -0.67 -0.85 | 27.74 -0.95 -0.27 | 19.84 -0.63 -0.69 | 19.07 -0.60 -0.11 | 17.99 -0.54 -1.21 | 19.26 -0.58 -2.06 | 18.75 -0.56 -1.45 | 24.89 -0.79 -0.02 |
| OSWEGO__6 23613 | 46.35 -1.60 0.00 | 22.06 -0.74 0.00 | 7.08 -0.22 0.00 | 9.47 -0.30 0.00 | 7.47 -0.23 0.00 | 19.69 -0.63 0.00 | 36.00 -1.25 0.00 | 21.63 -0.71 -1.31 | 30.32 -1.02 -0.20 | 10.36 -0.22 -3.85 | 21.29 -0.69 -0.74 | 19.50 -0.63 -1.24 | 21.56 -0.70 -1.37 | 18.70 -0.61 -1.26 | 20.95 -0.67 -1.41 | 21.23 -0.70 -0.67 | 20.42 -0.67 -0.85 | 27.74 -0.96 -0.27 | 19.84 -0.64 -0.69 | 19.07 -0.60 -0.11 | 17.99 -0.54 -1.21 | 19.25 -0.58 -2.06 | 18.75 -0.56 -1.45 | 24.88 -0.80 -0.02 |

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| OXBOW____ 24026 | 43.95 -4.00 0.00 | 21.13 -1.67 0.00 | 6.87 -0.43 0.00 | 9.07 -0.69 0.00 | 7.16 -0.55 0.00 | 18.74 -1.59 0.00 | 34.08 -3.17 0.00 | 22.09 -1.75 -2.82 | 29.33 -2.24 -0.44 | 14.39 -0.61 -8.27 | 21.04 -1.79 -1.60 | 19.80 -1.76 -2.67 | 21.84 -1.99 -2.94 | 19.04 -1.72 -2.71 | 21.40 -1.84 -3.02 | 20.86 -1.84 -1.44 | 20.23 -1.83 -1.82 | 26.35 -2.66 -0.59 | 19.80 -1.46 -1.47 | 18.69 -1.11 -0.24 | 18.71 -1.20 -2.59 | 20.64 -1.55 -4.42 | 19.57 -1.37 -3.09 | 23.89 -1.82 -0.04 |
| PEEKSKILL____ 23653 | 49.89 1.94 0.00 | 23.62 0.82 0.00 | 7.57 0.28 0.00 | 10.14 0.37 0.00 | 7.99 0.29 0.00 | 21.17 0.84 0.00 | 39.44 2.19 0.00 | 40.73 1.52 -18.19 | 37.16 2.20 -3.83 | 74.04 0.48 -66.82 | 33.00 1.47 -10.31 | 42.29 1.38 -22.01 | 42.28 1.52 -19.87 | 43.29 1.32 -23.92 | 46.07 1.47 -24.38 | 37.52 1.53 -14.74 | 42.51 1.49 -20.78 | 34.30 2.09 -3.79 | 30.79 1.46 -9.54 | 22.56 1.43 -1.57 | 36.59 1.39 -17.88 | 47.56 1.26 -28.53 | 39.13 1.26 -20.02 | 27.28 1.33 -0.29 |
| PGE MADISON____WINDPWR 24146 | 49.89 1.94 0.00 | 23.66 0.87 0.00 | 7.60 0.30 0.00 | 10.27 0.50 0.00 | 8.11 0.41 0.00 | 21.38 1.05 0.00 | 39.35 2.11 0.00 | 27.48 1.44 -5.02 | 34.16 2.23 -0.79 | 22.19 0.55 -14.90 | 25.81 1.73 -2.85 | 25.15 1.44 -4.82 | 27.71 1.56 -5.26 | 24.31 1.35 -4.90 | 27.16 1.49 -5.45 | 25.44 1.54 -2.64 | 25.08 1.49 -3.35 | 31.51 2.04 -1.05 | 23.79 1.36 -2.64 | 21.35 1.35 -0.43 | 23.22 1.27 -4.63 | 26.93 1.28 -7.87 | 24.60 1.20 -5.55 | 27.02 1.28 -0.08 |
| PJM_GEN_KEystone 24065 | 44.91 -2.57 0.47 | 21.64 -1.09 0.07 | 7.02 -0.28 0.00 | 9.35 -0.42 0.00 | 7.37 -0.33 0.00 | 19.36 -0.97 0.00 | 35.36 -1.89 0.00 | 23.94 -0.99 -3.91 | 30.29 -1.46 -0.61 | 17.84 -0.35 -11.46 | 22.35 -1.10 -2.22 | 21.52 -1.07 -3.70 | 23.78 -1.19 -4.08 | 20.78 -1.03 -3.75 | 23.31 -1.10 -4.19 | 22.14 -1.11 -2.00 | 21.73 -1.03 -2.52 | 27.82 -1.42 -0.81 | 21.00 -0.83 -2.05 | 19.20 -0.70 -0.34 | 20.30 -0.61 -3.59 | 23.05 -0.85 -6.13 | 20.47 -0.73 -3.35 | 24.56 -1.17 -0.06 |
| PLEASANTVLY____LBMP 24000 | 49.15 1.20 0.00 | 23.30 0.50 0.00 | 7.47 0.17 0.00 | 10.01 0.24 0.00 | 7.89 0.18 0.00 | 20.85 0.52 0.00 | 38.59 1.34 0.00 | 40.87 0.93 -18.92 | 36.48 1.33 -4.01 | 76.99 0.28 -69.98 | 32.80 0.85 -10.72 | 42.75 0.79 -23.06 | 42.46 0.87 -20.70 | 43.93 0.76 -25.11 | 46.59 0.85 -25.53 | 37.64 0.87 -15.52 | 43.03 0.85 -21.93 | 33.55 1.19 -3.94 | 30.53 0.82 -9.92 | 22.01 0.82 -1.63 | 36.76 0.80 -18.65 | 48.18 0.73 -29.67 | 39.44 0.77 -20.81 | 26.73 0.77 -0.30 |
| POLETTI____ 23519 | 50.72 2.77 0.00 | 23.99 1.19 0.00 | 7.69 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.41 0.00 | 21.51 1.18 0.00 | 40.23 2.98 0.00 | 41.36 2.01 -18.32 | 37.91 2.92 -3.86 | 74.79 0.65 -67.41 | 33.58 1.97 -10.38 | 42.96 1.85 -22.21 | 42.93 2.02 -20.02 | 43.95 1.75 -24.15 | 46.76 1.95 -24.59 | 38.18 2.05 -14.88 | 43.23 1.99 -21.00 | 35.04 2.80 -3.81 | 31.37 1.98 -9.60 | 23.06 1.92 -1.58 | 37.19 1.85 -18.02 | 48.22 1.71 -28.74 | 39.69 1.69 -20.14 | 27.88 1.93 -0.29 |
| PORT_JEFF_3 23555 | 48.55 0.60 0.00 | 23.15 0.35 0.00 | 7.55 0.26 0.00 | 10.15 0.38 0.00 | 7.98 0.28 0.00 | 37.04 0.87 -15.84 | 43.56 2.23 -4.08 | 40.81 1.46 -18.32 | 37.28 2.01 -4.13 | 74.56 0.43 -67.39 | 32.90 1.29 -10.38 | 42.32 1.22 -22.20 | 43.31 1.39 -21.03 | 44.42 1.16 -25.21 | 47.04 1.25 -25.58 | 45.66 1.30 -23.11 | 45.73 1.19 -24.29 | 41.04 1.53 -11.08 | 38.78 0.98 -18.01 | 37.45 0.87 -17.02 | 38.95 0.89 -20.74 | 47.24 0.73 -28.73 | 38.63 0.63 -20.14 | 26.53 0.58 -0.29 |
| PORT_JEFF_4 23616 | 48.69 0.74 0.00 | 23.23 0.43 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.98 0.27 0.00 | 37.00 0.84 -15.84 | 43.25 1.92 -4.08 | 40.61 1.27 -18.32 | 36.99 1.72 -4.13 | 74.50 0.37 -67.39 | 32.69 1.08 -10.38 | 42.15 1.06 -22.20 | 43.13 1.21 -21.03 | 44.32 1.05 -25.21 | 46.96 1.16 -25.58 | 45.57 1.21 -23.11 | 45.68 1.15 -24.29 | 40.98 1.48 -11.08 | 38.76 0.97 -18.01 | 37.48 0.90 -17.02 | 38.97 0.92 -20.74 | 47.26 0.75 -28.73 | 38.65 0.65 -20.14 | 26.63 0.68 -0.29 |
| PORT_JEFF_IC 23713 | 48.78 0.83 0.00 | 23.23 0.43 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 7.99 0.29 0.00 | 37.07 0.91 -15.84 | 43.64 2.31 -4.08 | 40.86 1.52 -18.32 | 37.36 2.09 -4.13 | 74.58 0.45 -67.39 | 32.96 1.35 -10.38 | 42.38 1.29 -22.20 | 43.38 1.46 -21.03 | 44.50 1.24 -25.21 | 47.14 1.34 -25.58 | 45.76 1.40 -23.11 | 45.84 1.30 -24.29 | 41.19 1.68 -11.08 | 38.89 1.10 -18.01 | 37.57 0.99 -17.02 | 39.05 1.00 -20.74 | 47.35 0.84 -28.73 | 38.73 0.74 -20.14 | 26.67 0.72 -0.29 |
| PROJECT____ORANGE 23990 | 47.18 -0.77 0.00 | 22.45 -0.34 0.00 | 7.21 -0.09 0.00 | 9.66 -0.11 0.00 | 7.62 -0.09 0.00 | 20.07 -0.25 0.00 | 36.59 -0.65 0.00 | 22.11 -0.40 -1.48 | 30.81 -0.56 -0.23 | 10.98 -0.11 -4.36 | 21.73 -0.33 -0.83 | 19.98 -0.32 -1.40 | 22.06 -0.36 -1.53 | 19.17 -0.31 -1.42 | 21.46 -0.34 -1.58 | 21.68 -0.35 -0.77 | 20.88 -0.35 -0.98 | 28.22 -0.51 -0.31 | 20.22 -0.33 -0.77 | 19.38 -0.31 -0.13 | 18.41 -0.27 -1.36 | 19.82 -0.27 -2.31 | 19.18 -0.28 -1.60 | 25.35 -0.33 -0.02 |
| PYRITES____HYD 24023 | 51.23 3.28 0.00 | 24.39 1.60 0.00 | 7.75 0.46 0.00 | 10.37 0.60 0.00 | 8.17 0.47 0.00 | 21.61 1.28 0.00 | 39.03 1.78 0.00 | 21.72 0.71 0.01 | 32.21 1.06 -0.01 | 7.15 0.27 -0.14 | 22.09 0.87 0.01 | 19.74 0.79 -0.05 | 21.77 0.89 0.00 | 18.89 0.76 -0.07 | 21.05 0.79 -0.05 | 22.23 0.91 -0.07 | 21.18 0.82 -0.12 | 29.54 1.12 0.00 | 20.49 0.71 0.01 | 20.12 0.56 0.00 | 17.81 0.49 0.00 | 18.52 0.77 0.03 | 18.42 0.58 0.02 | 27.14 1.47 0.00 |
| RANKINE____ 23646 | 44.85 -3.10 0.00 | 21.54 -1.26 0.00 | 7.01 -0.29 0.00 | 9.27 -0.50 0.00 | 7.30 -0.40 0.00 | 19.15 -1.18 0.00 | 34.90 -2.35 0.00 | 22.76 -1.28 -3.02 | 30.00 -1.60 -0.47 | 15.18 -0.44 -8.89 | 21.75 -1.20 -1.72 | 20.55 -1.22 -2.87 | 22.67 -1.39 -3.17 | 19.77 -1.20 -2.92 | 22.22 -1.26 -3.26 | 21.55 -1.26 -1.56 | 20.90 -1.30 -1.95 | 27.14 -1.92 -0.63 | 20.36 -1.02 -1.59 | 19.11 -0.72 -0.26 | 19.33 -0.77 -2.78 | 21.40 -1.12 -4.74 | 20.24 -0.95 -3.34 | 24.40 -1.32 -0.05 |
| RAVENS GT4-7____ 23728 | 51.20 3.25 0.00 | 24.23 1.43 0.00 | 7.76 0.46 0.00 | 10.38 0.61 0.00 | 8.19 0.48 0.00 | 21.71 1.39 0.00 | 40.69 3.44 0.00 | 41.62 2.28 -18.32 | 38.28 3.29 -3.86 | 74.87 0.73 -67.41 | 33.80 2.18 -10.38 | 43.15 2.04 -22.21 | 43.12 2.21 -20.02 | 44.12 1.92 -24.15 | 46.92 2.11 -24.59 | 38.35 2.21 -14.88 | 43.38 2.13 -21.00 | 35.29 3.05 -3.82 | 31.56 2.17 -9.60 | 23.25 2.11 -1.58 | 37.37 2.02 -18.03 | 48.41 1.90 -28.74 | 39.90 1.90 -20.14 | 28.19 2.24 -0.29 |
| RAVENSWD GT2____ 23730 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWD GT3____ 23733 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT2_1 24244 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |

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| RAVENSWOOD_GT2_2 24245 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT2_3 24246 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT2_4 24247 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT3_1 24248 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT3_2 24249 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT3_3 24250 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT3_4 24251 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.50 1.17 0.00 | 40.20 2.95 0.00 | 41.33 1.99 -18.32 | 37.87 2.88 -3.86 | 74.78 0.63 -67.41 | 33.54 1.92 -10.38 | 42.92 1.81 -22.21 | 42.89 1.98 -20.02 | 43.91 1.71 -24.15 | 46.72 1.91 -24.59 | 38.14 2.00 -14.88 | 43.18 1.94 -21.00 | 34.98 2.74 -3.82 | 31.34 1.94 -9.60 | 23.04 1.89 -1.58 | 37.17 1.83 -18.03 | 48.20 1.68 -28.74 | 39.67 1.67 -20.14 | 27.86 1.91 -0.29 |
| RAVENSWOOD_GT_1 23729 | 50.68 2.73 0.00</ | | | | | | | | | | | | | | | | | | | | | | | |

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|-----------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD___1 23533 | 51.12 3.17 0.00 | 24.21 1.42 0.00 | 7.75 0.46 0.00 | 10.37 0.61 0.00 | 8.18 0.48 0.00 | 21.69 1.37 0.00 | 40.65 3.41 0.00 | 41.58 2.23 -18.32 | 38.15 3.15 -3.86 | 74.84 0.69 -67.41 | 33.68 2.07 -10.38 | 43.06 1.95 -22.21 | 43.01 2.10 -20.02 | 44.01 1.81 -24.15 | 46.80 1.99 -24.59 | 38.24 2.11 -14.88 | 43.27 2.03 -21.00 | 35.15 2.91 -3.81 | 31.46 2.07 -9.60 | 23.15 2.01 -1.58 | 37.28 1.93 -18.03 | 48.31 1.79 -28.74 | 39.83 1.83 -20.14 | 28.16 2.20 -0.29 |
| RAVENSWOOD___2 23534 | 51.22 3.27 0.00 | 24.24 1.45 0.00 | 7.76 0.47 0.00 | 10.39 0.62 0.00 | 8.19 0.48 0.00 | 21.72 1.40 0.00 | 40.71 3.46 0.00 | 41.63 2.29 -18.32 | 38.30 3.30 -3.86 | 74.88 0.73 -67.41 | 33.80 2.19 -10.38 | 43.15 2.05 -22.21 | 43.13 2.22 -20.02 | 44.13 1.92 -24.15 | 46.93 2.12 -24.59 | 38.36 2.22 -14.88 | 43.38 2.14 -21.00 | 35.30 3.06 -3.81 | 31.57 2.18 -9.60 | 23.26 2.11 -1.58 | 37.37 2.03 -18.03 | 48.41 1.90 -28.74 | 39.90 1.90 -20.14 | 28.20 2.24 -0.29 |
| RAVENSWOOD___3 23535 | 50.68 2.73 0.00 | 23.97 1.18 0.00 | 7.68 0.39 0.00 | 10.29 0.52 0.00 | 8.11 0.40 0.00 | 21.49 1.17 0.00 | 40.19 2.94 0.00 | 41.32 1.97 -18.32 | 37.84 2.84 -3.86 | 74.77 0.62 -67.41 | 33.48 1.86 -10.38 | 42.86 1.76 -22.21 | 42.82 1.91 -20.02 | 43.85 1.65 -24.15 | 46.65 1.84 -24.59 | 38.08 1.94 -14.88 | 43.12 1.88 -21.00 | 34.90 2.66 -3.82 | 31.30 1.91 -9.60 | 23.02 1.87 -1.58 | 37.16 1.81 -18.03 | 48.18 1.67 -28.74 | 39.66 1.66 -20.14 | 27.85 1.90 -0.29 |
| RAVNSWD 8-11____ 23667 | 51.21 3.26 0.00 | 24.24 1.44 0.00 | 7.76 0.46 0.00 | 10.39 0.62 0.00 | 8.19 0.48 0.00 | 21.72 1.39 0.00 | 40.70 3.45 0.00 | 41.63 2.29 -18.32 | 38.29 3.30 -3.86 | 74.88 0.73 -67.41 | 33.80 2.19 -10.38 | 43.15 2.05 -22.21 | 43.13 2.22 -20.02 | 44.13 1.92 -24.15 | 46.93 2.12 -24.59 | 38.36 2.22 -14.88 | 43.38 2.14 -21.00 | 35.30 3.06 -3.82 | 31.57 2.18 -9.60 | 23.26 2.11 -1.58 | 37.38 2.03 -18.03 | 48.42 1.90 -28.74 | 39.91 1.91 -20.14 | 28.20 2.24 -0.29 |
| RENSSELAER___COGEN 23796 | 51.19 3.24 0.00 | 24.21 1.41 0.00 | 7.67 0.38 0.00 | 10.33 0.56 0.00 | 8.16 0.46 0.00 | 21.62 1.29 0.00 | 39.53 2.28 0.00 | 45.22 1.16 -23.04 | 34.58 1.60 -1.84 | 51.51 0.40 -44.37 | 35.48 1.19 -13.06 | 33.62 1.15 -13.57 | 44.72 1.28 -22.56 | 29.94 1.11 -10.78 | 37.22 1.15 -15.85 | 24.43 1.20 -1.98 | 19.86 1.15 1.54 | 34.82 1.60 -4.79 | 32.83 0.97 -12.07 | 22.36 0.82 -1.99 | 37.10 0.71 -19.07 | 54.92 1.04 -36.10 | 44.09 0.90 -25.33 | 27.51 1.49 -0.36 |
| ROCHESTER_9_IC 23652 | 46.87 -1.08 0.00 | 22.31 -0.49 0.00 | 7.17 -0.13 0.00 | 9.62 -0.15 0.00 | 7.64 -0.06 0.00 | 20.11 -0.22 0.00 | 36.28 -0.96 0.00 | 22.44 -0.81 -2.22 | 30.40 -1.08 -0.34 | 13.03 -0.23 -6.52 | 21.85 -0.64 -1.26 | 20.39 -0.61 -2.11 | 22.51 -0.70 -2.32 | 19.58 -0.61 -2.14 | 21.91 -0.69 -2.38 | 21.74 -0.66 -1.14 | 20.99 -0.69 -1.44 | 27.81 -1.08 -0.46 | 20.24 -0.70 -1.16 | 19.07 -0.68 -0.19 | 18.62 -0.75 -2.04 | 20.64 -0.61 -3.48 | 19.53 -0.75 -2.41 | 25.07 -0.63 -0.03 |
| ROSETON___1 23587 | 49.82 1.87 0.00 | 23.58 0.79 0.00 | 7.56 0.26 0.00 | 10.13 0.36 0.00 | 7.98 0.28 0.00 | 21.10 0.78 0.00 | 39.18 1.93 0.00 | 40.52 1.32 -18.18 | 36.89 1.89 -3.86 | 74.46 0.42 -67.31 | 32.81 1.28 -10.30 | 42.26 1.18 -22.18 | 42.08 1.29 -19.89 | 43.35 1.13 -24.17 | 46.04 1.26 -24.56 | 37.49 1.30 -14.94 | 42.64 1.27 -21.12 | 33.96 1.75 -3.79 | 30.50 1.18 -9.54 | 22.28 1.15 -1.57 | 36.37 1.12 -17.92 | 47.32 1.03 -28.52 | 38.92 1.05 -20.01 | 27.05 1.10 -0.29 |
| ROSETON___2 23588 | 49.82 1.87 0.00 | 23.58 0.79 0.00 | 7.56 0.26 0.00 | 10.13 0.36 0.00 | 7.98 0.28 0.00 | 21.10 0.78 0.00 | 39.18 1.93 0.00 | 40.53 1.32 -18.18 | 36.89 1.89 -3.86 | 74.46 0.42 -67.31 | 32.81 1.28 -10.30 | 42.26 1.18 -22.18 | 42.08 1.29 -19.89 | 43.35 1.13 -24.17 | 46.04 1.26 -24.56 | 37.49 1.29 -14.94 | 42.63 1.26 -21.12 | 33.94 1.73 -3.79 | 30.47 1.14 -9.54 | 22.25 1.11 -1.57 | 36.34 1.09 -17.92 | 47.29 1.00 -28.52 | 38.89 1.03 -20.01 | 27.01 1.06 -0.29 |
| RUSSELL___STATION 23914 | 45.77 -2.18 0.00 | 21.78 -1.02 0.00 | 7.03 -0.27 0.00 | 9.49 -0.28 0.00 | 7.59 -0.11 0.00 | 19.96 -0.36 0.00 | 36.01 -1.24 0.00 | 22.17 -1.07 -2.22 | 29.82 -1.67 -0.34 | 12.90 -0.35 -6.52 | 21.45 -1.04 -1.26 | 20.03 -0.97 -2.11 | 22.12 -1.09 -2.32 | 19.25 -0.95 -2.14 | 21.53 -1.07 -2.38 | 21.34 -1.06 -1.14 | 20.61 -1.07 -1.44 | 27.25 -1.64 -0.46 | 19.88 -1.07 -1.16 | 18.71 -1.05 -0.19 | 18.29 -1.08 -2.04 | 20.28 -0.97 -3.48 | 19.17 -1.10 -2.41 | 24.54 -1.15 -0.03 |
| S SALMON___HYD 24043 | 47.61 -0.34 0.00 | 22.65 -0.14 0.00 | 7.26 -0.04 0.00 | 9.71 -0.06 0.00 | 7.66 -0.04 0.00 | 20.22 -0.10 0.00 | 36.68 -0.57 0.00 | 21.79 -0.44 -1.20 | 30.69 -0.64 -0.19 | 10.21 -0.11 -3.58 | 21.58 -0.34 -0.68 | 19.76 -0.30 -1.16 | 21.85 -0.30 -1.26 | 18.99 -0.25 -1.18 | 21.23 -0.30 -1.31 | 21.60 -0.29 -0.64 | 20.76 -0.30 -0.81 | 28.22 -0.45 -0.25 | 20.08 -0.35 -0.64 | 19.29 -0.37 -0.10 | 18.10 -0.33 -1.11 | 19.43 -0.23 -1.88 | 18.91 -0.30 -1.35 | 25.48 -0.20 -0.02 |
| SELKIRK___II 23799 | 50.22 2.27 0.00 | 23.78 0.99 0.00 | 7.55 0.25 0.00 | 10.16 0.39 0.00 | 8.02 0.32 0.00 | 21.21 0.89 0.00 | 38.72 1.47 0.00 | 44.60 0.70 -22.88 | 33.67 0.93 -1.60 | 48.02 0.26 -41.03 | 34.94 0.75 -12.96 | 32.04 0.74 -12.41 | 43.92 0.83 -22.20 | 28.23 0.73 -9.45 | 36.07 0.73 -15.12 | 23.28 0.76 -1.27 | 18.27 0.73 2.70 | 34.19 1.00 -4.76 | 32.35 0.56 -12.00 | 21.95 0.41 -1.97 | 36.48 0.35 -18.81 | 54.33 0.66 -35.89 | 43.59 0.53 -25.20 | 26.99 0.97 -0.36 |
| SELKIRK___I 23801 | 50.49 2.54 0.00 | 23.92 1.12 0.00 | 7.59 0.30 0.00 | 10.22 0.45 0.00 | 8.07 0.36 0.00 | 21.32 0.99 0.00 | 38.77 1.52 0.00 | 44.58 0.74 -22.81 | 33.72 1.01 -1.57 | 47.55 0.28 -40.54 | 34.98 0.82 -12.93 | 31.94 0.81 -12.24 | 43.90 0.90 -22.11 | 28.11 0.79 -9.27 | 36.04 0.82 -15.01 | 23.29 0.85 -1.18 | 18.24 0.82 2.83 | 34.29 1.11 -4.75 | 32.40 0.63 -11.98 | 22.01 0.48 -1.97 | 36.49 0.43 -18.74 | 54.29 0.72 -35.80 | 43.58 0.57 -25.15 | 27.06 1.04 -0.36 |
| SENECA OSWGO___HYD 24041 | 46.87 -1.08 0.00 | 22.30 -0.49 0.00 | 7.15 -0.14 0.00 | 9.58 -0.19 0.00 | 7.55 -0.15 0.00 | 19.92 -0.41 0.00 | 36.34 -0.91 0.00 | 21.87 -0.55 -1.39 | 30.57 -0.79 -0.22 | 10.69 -0.16 -4.11 | 21.52 -0.50 -0.79 | 19.77 -0.46 -1.33 | 21.84 -0.51 -1.46 | 18.97 -0.43 -1.35 | 21.23 -0.49 -1.51 | 21.48 -0.50 -0.73 | 20.67 -0.49 -0.92 | 28.00 -0.71 -0.29 | 20.04 -0.47 -0.73 | 19.23 -0.46 -0.12 | 18.20 -0.41 -1.28 | 19.56 -0.40 -2.18 | 18.97 -0.41 -1.53 | 25.16 -0.53 -0.02 |
| SENECA___ENERGY 23797 | 45.68 -2.27 0.00 | 21.63 -1.16 0.00 | 6.96 -0.34 0.00 | 9.45 -0.32 0.00 | 7.47 -0.23 0.00 | 19.61 -0.71 0.00 | 35.61 -1.64 0.00 | 22.36 -0.96 -2.30 | 30.22 -1.27 -0.36 | 13.29 -0.22 -6.77 | 21.85 -0.69 -1.31 | 20.29 -0.79 -2.19 | 22.38 -0.92 -2.41 | 19.49 -0.79 -2.22 | 21.85 -0.85 -2.48 | 21.67 -0.77 -1.19 | 21.04 -0.70 -1.49 | 27.82 -1.08 -0.48 | 20.29 -0.71 -1.21 | 19.16 -0.60 -0.20 | 18.84 -0.59 -2.11 | 20.72 -0.66 -3.60 | 19.71 -0.70 -2.55 | 24.60 -1.10 -0.04 |
| SHOEMAKER___GT 23640 | 49.20 1.25 0.00 | 23.33 0.54 0.00 | 7.49 0.19 0.00 | 10.02 0.25 0.00 | 7.90 0.19 0.00 | 20.88 0.55 0.00 | 38.73 1.49 0.00 | 39.87 1.06 -17.79 | 36.32 1.50 -3.68 | 71.64 0.33 -64.57 | 32.29 0.98 -10.08 | 41.06 0.92 -21.25 | 41.28 1.01 -19.38 | 41.95 0.87 -23.02 | 44.76 0.99 -23.55 | 36.37 1.02 -14.10 | 41.04 1.01 -19.79 | 33.55 1.42 -3.70 | 30.15 1.03 -9.33 | 22.10 1.01 -1.53 | 35.74 1.00 -17.42 | 46.55 0.87 -27.90 | 38.35 0.91 -19.59 | 26.83 0.88 -0.28 |
| SHOREHAM_IC_1 23715 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |

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| SHOREHAM_IC_2 23716 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| SITHE___BATAVIA 24024 | 45.65 -2.30 0.00 | 21.77 -1.02 0.00 | 7.06 -0.23 0.00 | 9.40 -0.37 0.00 | 7.42 -0.28 0.00 | 19.51 -0.82 0.00 | 35.66 -1.59 0.00 | 22.75 -0.85 -2.57 | 30.56 -0.98 -0.40 | 14.06 -0.25 -7.57 | 22.08 -0.62 -1.47 | 20.73 -0.62 -2.46 | 22.88 -0.72 -2.71 | 19.92 -0.62 -2.49 | 22.36 -0.65 -2.79 | 21.97 -0.62 -1.33 | 21.22 -0.69 -1.66 | 27.89 -1.07 -0.53 | 20.49 -0.64 -1.34 | 19.28 -0.50 -0.22 | 19.16 -0.52 -2.36 | 21.12 -0.68 -4.03 | 20.00 -0.66 -2.80 | 24.74 -0.96 -0.04 |
| SITHE___INDEPEND 23800 | 45.90 -2.05 0.00 | 21.84 -0.95 0.00 | 7.01 -0.29 0.00 | 9.38 -0.39 0.00 | 7.40 -0.30 0.00 | 19.50 -0.83 0.00 | 35.66 -1.59 0.00 | 21.28 -0.90 -1.15 | 30.02 -1.30 -0.18 | 9.83 -0.28 -3.37 | 21.00 -0.88 -0.65 | 19.18 -0.80 -1.09 | 21.20 -0.89 -1.20 | 18.38 -0.77 -1.10 | 20.60 -0.85 -1.23 | 20.95 -0.89 -0.59 | 20.13 -0.85 -0.74 | 27.45 -1.21 -0.24 | 19.57 -0.81 -0.60 | 18.89 -0.77 -0.10 | 17.69 -0.69 -1.06 | 18.84 -0.74 -1.80 | 18.38 -0.72 -1.25 | 24.64 -1.04 -0.02 |
| SITHE___MASSENA 23902 | 48.93 0.98 0.00 | 23.30 0.50 0.00 | 7.42 0.13 0.00 | 9.93 0.16 0.00 | 7.83 0.12 0.00 | 20.65 0.32 0.00 | 37.63 0.39 0.00 | 20.97 0.08 0.13 | 31.28 0.15 0.01 | 6.57 0.04 0.21 | 21.32 0.17 0.08 | 18.97 0.14 0.06 | 20.93 0.17 0.13 | 18.16 0.14 0.04 | 20.28 0.14 0.08 | 21.45 0.19 0.00 | 20.46 0.17 -0.04 | 28.64 0.24 0.03 | 19.86 0.13 0.06 | 19.62 0.07 0.01 | 17.25 0.03 0.11 | 17.67 0.11 0.21 | 17.76 0.03 0.13 | 26.03 0.37 0.00 |
| SITHE___OGDNSBRG 24021 | 51.38 3.43 0.00 | 24.47 1.68 0.00 | 7.79 0.49 0.00 | 10.41 0.64 0.00 | 8.21 0.51 0.00 | 21.68 1.35 0.00 | 39.21 1.97 0.00 | 21.79 0.84 0.07 | 32.40 1.25 0.00 | 7.04 0.32 0.01 | 22.23 1.04 0.04 | 19.83 0.93 0.00 | 21.88 1.05 0.06 | 18.98 0.90 -0.02 | 21.18 0.97 0.01 | 22.37 1.08 -0.04 | 21.32 1.00 -0.08 | 29.79 1.38 0.02 | 20.64 0.88 0.03 | 20.31 0.75 0.01 | 17.92 0.64 0.05 | 18.54 0.88 0.11 | 18.50 0.71 0.07 | 27.28 1.62 0.00 |
| SITHE___STERLING 23777 | 48.92 0.97 0.00 | 23.25 0.46 0.00 | 7.45 0.16 0.00 | 9.99 0.22 0.00 | 7.89 0.18 0.00 | 20.80 0.48 0.00 | 37.87 0.62 0.00 | 21.94 0.29 -0.62 | 31.67 0.42 -0.11 | 8.84 0.12 -1.99 | 21.96 0.38 -0.35 | 19.87 0.33 -0.65 | 21.91 0.36 -0.65 | 19.04 0.32 -0.67 | 21.28 0.34 -0.72 | 22.01 0.37 -0.39 | 21.09 0.33 -0.51 | 29.00 0.45 -0.13 | 20.41 0.30 -0.32 | 19.89 0.27 -0.05 | 18.15 0.25 -0.58 | 19.09 0.35 -0.96 | 18.84 0.30 -0.69 | 26.20 0.52 -0.01 |
| SOUTH CAIRO___GT 23612 | 49.28 1.33 0.00 | 23.38 0.58 0.00 | 7.48 0.18 0.00 | 10.02 0.25 0.00 | 7.91 0.21 0.00 | 20.91 0.58 0.00 | 38.48 1.24 0.00 | 42.25 0.79 -20.44 | 35.30 1.19 -2.98 | 64.35 0.24 -57.37 | 33.53 0.72 -11.58 | 38.00 0.67 -18.44 | 42.81 0.75 -21.18 | 37.08 0.65 -18.37 | 41.93 0.74 -20.97 | 31.42 0.74 -9.43 | 32.36 0.68 -11.44 | 33.69 1.00 -4.26 | 31.23 0.71 -10.73 | 22.04 0.71 -1.76 | 36.52 0.62 -18.58 | 50.48 0.64 -32.06 | 41.05 0.66 -22.52 | 26.73 0.74 -0.32 |
| SOUTH HAMPTN___IC 23720 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| SOUTHOLD___IC 23719 | 49.03 1.08 0.00 | 23.27 0.47 0.00 | 7.54 0.25 0.00 | 10.14 0.37 0.00 | 7.97 0.27 0.00 | 37.02 0.85 -15.84 | 43.55 2.22 -4.08 | 40.84 1.50 -18.32 | 37.24 1.96 -4.13 | 74.54 0.41 -67.39 | 32.86 1.25 -10.38 | 42.31 1.21 -22.20 | 43.32 1.40 -21.03 | 44.50 1.23 -25.21 | 47.16 1.37 -25.58 | 45.78 1.42 -23.11 | 45.86 1.33 -24.29 | 41.22 1.72 -11.08 | 38.93 1.14 -18.01 | 37.63 1.05 -17.02 | 39.11 1.05 -20.74 | 47.41 0.90 -28.73 | 38.78 0.78 -20.14 | 26.75 0.80 -0.29 |
| ST LAWRENCE___ 23600 | 48.32 0.37 0.00 | 23.01 0.22 0.00 | 7.34 0.04 0.00 | 9.81 0.05 0.00 | 7.74 0.03 0.00 | 20.40 0.07 0.00 | 37.25 0.00 0.00 | 20.76 -0.10 0.16 | 31.01 -0.12 0.01 | 6.44 -0.02 0.28 | 21.10 -0.04 0.09 | 18.76 -0.05 0.08 | 20.69 -0.04 0.16 | 17.95 -0.04 0.06 | 20.07 -0.04 0.11 | 21.23 -0.02 0.01 | 20.25 -0.02 -0.02 | 28.37 -0.02 0.03 | 19.67 -0.04 0.08 | 19.47 -0.08 0.01 | 17.08 -0.10 0.13 | 17.44 -0.08 0.26 | 17.59 -0.12 0.15 | 25.72 0.06 0.00 |
| STATION 5_MISC_HYD 23604 | 47.97 0.01 0.00 | 22.76 -0.03 0.00 | 7.28 -0.02 0.00 | 9.81 0.04 0.00 | 7.81 0.11 0.00 | 20.61 0.29 0.00 | 37.50 0.26 0.00 | 23.30 0.07 -2.20 | 31.97 0.49 -0.34 | 13.38 0.18 -6.47 | 23.16 0.67 -1.25 | 21.67 0.69 -2.09 | 23.88 0.69 -2.30 | 20.83 0.65 -2.12 | 23.35 0.76 -2.37 | 23.25 0.87 -1.13 | 22.40 0.73 -1.42 | 29.70 0.81 -0.46 | 21.36 0.42 -1.15 | 19.94 0.19 -0.19 | 19.43 0.08 -2.03 | 21.48 0.25 -3.46 | 20.10 -0.15 -2.40 | 25.76 0.06 -0.03 |
| STURGEON_POOL_HYD 23609 | 49.48 1.53 0.00 | 23.43 0.64 0.00 | 7.51 0.22 0.00 | 10.07 0.30 0.00 | 7.93 0.23 0.00 | 20.96 0.63 0.00 | 38.85 1.60 0.00 | 40.95 1.13 -18.80 | 36.12 1.44 -3.54 | 70.60 0.36 -63.50 | 33.00 1.12 -10.65 | 40.69 1.02 -20.77 | 42.18 1.12 -20.18 | 41.07 0.98 -22.04 | 44.49 1.11 -23.17 | 35.36 1.13 -12.97 | 39.18 1.23 -17.70 | 34.05 1.71 -3.92 | 30.81 1.16 -9.87 | 22.32 1.13 -1.62 | 36.42 1.09 -18.01 | 48.28 1.01 -29.50 | 39.69 1.12 -20.71 | 27.23 1.27 -0.30 |
| SYRACUSE___POWER 24017 | 46.88 -1.07 0.00 | 22.32 -0.48 0.00 | 7.18 -0.12 0.00 | 9.62 -0.15 0.00 | 7.59 -0.11 0.00 | 19.99 -0.34 0.00 | 36.38 -0.87 0.00 | 22.15 -0.51 -1.64 | 30.66 -0.74 -0.26 | 11.53 -0.14 -4.93 | 21.76 -0.43 -0.96 | 20.08 -0.42 -1.60 | 22.18 -0.48 -1.77 | 19.28 -0.41 -1.64 | 21.59 -0.45 -1.83 | 21.66 -0.46 -0.87 | 20.88 -0.45 -1.09 | 28.11 -0.66 -0.34 | 20.22 -0.43 -0.87 | 19.29 -0.41 -0.14 | 18.47 -0.37 -1.52 | 19.99 -0.36 -2.58 | 19.30 -0.38 -1.82 | 25.18 -0.51 -0.03 |
| Stony___Brook 24151 | 48.78 0.83 0.00 | 23.23 0.43 0.00 | 7.56 0.27 0.00 | 10.17 0.40 0.00 | 7.99 0.29 0.00 | 37.07 0.91 -15.84 | 43.64 2.31 -4.08 | 40.86 1.52 -18.32 | 37.36 2.09 -4.13 | 74.58 0.45 -67.39 | 32.96 1.35 -10.38 | 42.38 1.29 -22.20 | 43.38 1.46 -21.03 | 44.50 1.24 -25.21 | 47.14 1.34 -25.58 | 45.76 1.40 -23.11 | 45.84 1.30 -24.29 | 41.19 1.68 -11.08 | 38.89 1.10 -18.01 | 37.57 0.99 -17.02 | 39.05 1.00 -20.74 | 47.35 0.84 -28.73 | 38.73 0.74 -20.14 | 26.67 0.72 -0.29 |
| UPPER HUDSON___HYD 24058 | 49.47 1.52 0.00 | 23.25 0.46 0.00 | 7.33 0.03 0.00 | 9.88 0.11 0.00 | 7.85 0.14 0.00 | 21.00 0.68 0.00 | 38.50 1.26 0.00 | 45.25 0.50 -23.72 | 33.63 0.61 -1.88 | 52.37 0.14 -45.50 | 34.99 0.32 -13.44 | 33.24 0.43 -13.91 | 44.64 0.54 -23.21 | 29.55 0.34 -11.15 | 37.07 0.27 -16.58 | 23.81 0.24 -2.32 | 19.35 0.22 1.11 | 33.86 0.50 -4.94 | 32.33 0.10 -12.44 | 21.58 -0.03 -2.05 | 36.94 -0.08 -19.71 | 55.25 0.28 -37.19 | 44.08 0.13 -26.09 | 26.22 0.19 -0.37 |
| UPPER RAQUET___HYD 24056 | 49.38 1.43 0.00 | 23.51 0.72 0.00 | 7.48 0.18 0.00 | 10.00 0.23 0.00 | 7.88 0.18 0.00 | 20.83 0.50 0.00 | 37.78 0.53 0.00 | 21.11 0.08 0.00 | 31.29 0.14 -0.01 | 6.96 0.05 -0.17 | 21.38 0.15 0.00 | 19.09 0.13 -0.06 | 21.06 0.16 -0.01 | 18.27 0.14 -0.08 | 20.38 0.10 -0.06 | 21.50 0.18 -0.07 | 20.50 0.13 -0.12 | 28.60 0.17 0.00 | 19.86 0.07 0.00 | 19.53 -0.03 0.00 | 17.29 -0.05 -0.02 | 17.90 0.13 0.01 | 17.85 0.00 0.00 | 26.14 0.48 0.00 |

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|--------------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| US___GYPSUM 23809 | 45.14 -2.81 0.00 | 21.57 -1.23 0.00 | 7.00 -0.29 0.00 | 9.30 -0.47 0.00 | 7.34 -0.36 0.00 | 19.27 -1.06 0.00 | 35.17 -2.08 0.00 | 22.53 -1.13 -2.64 | 30.16 -1.39 -0.41 | 14.16 -0.35 -7.77 | 21.82 -0.92 -1.51 | 20.51 -0.91 -2.53 | 22.63 -1.04 -2.79 | 19.71 -0.90 -2.56 | 22.13 -0.95 -2.86 | 21.69 -0.93 -1.37 | 20.94 -1.02 -1.71 | 27.44 -1.54 -0.55 | 20.28 -0.89 -1.39 | 19.09 -0.70 -0.23 | 19.01 -0.73 -2.42 | 20.96 -0.95 -4.13 | 19.90 -0.88 -2.92 | 24.48 -1.23 -0.04 |
| VISCHER___FERRY HYD 24020 | 50.71 2.76 0.00 | 23.90 1.10 0.00 | 7.55 0.25 0.00 | 10.17 0.40 0.00 | 8.05 0.34 0.00 | 21.40 1.08 0.00 | 39.26 2.01 0.00 | 45.19 0.99 -23.18 | 34.26 1.29 -1.83 | 51.37 0.32 -44.31 | 35.29 0.93 -13.13 | 33.37 0.94 -13.54 | 44.62 1.07 -22.67 | 29.71 0.91 -10.75 | 37.10 0.91 -15.97 | 24.22 0.94 -2.02 | 19.63 0.88 1.50 | 34.53 1.28 -4.82 | 32.67 0.73 -12.15 | 22.16 0.60 -2.00 | 36.99 0.48 -19.19 | 54.94 0.85 -36.32 | 44.11 0.73 -25.52 | 27.22 1.19 -0.36 |
| WADING RIVER_1-3_GRP5 24038 | 49.12 1.17 0.00 | 23.31 0.52 0.00 | 7.55 0.26 0.00 | 10.16 0.39 0.00 | 7.99 0.28 0.00 | 37.05 0.88 -15.84 | 43.61 2.29 -4.08 | 40.87 1.53 -18.32 | 37.22 1.95 -4.13 | 74.48 0.35 -67.39 | 32.69 1.08 -10.38 | 42.16 1.06 -22.20 | 43.14 1.22 -21.03 | 44.34 1.08 -25.21 | 46.99 1.19 -25.58 | 45.60 1.24 -23.11 | 45.69 1.16 -24.29 | 40.98 1.47 -11.08 | 38.76 0.96 -18.01 | 37.46 0.88 -17.02 | 38.96 0.90 -20.74 | 47.25 0.74 -28.73 | 38.62 0.62 -20.14 | 26.52 0.57 -0.29 |
| WADING RIVER_IC_1 23522 | 49.12 1.17 0.00 | 23.31 0.52 0.00 | 7.55 0.26 0.00 | 10.16 0.39 0.00 | 7.99 0.28 0.00 | 37.05 0.88 -15.84 | 43.61 2.29 -4.08 | 40.87 1.53 -18.32 | 37.22 1.95 -4.13 | 74.48 0.35 -67.39 | 32.69 1.08 -10.38 | 42.16 1.06 -22.20 | 43.14 1.22 -21.03 | 44.34 1.08 -25.21 | 46.99 1.19 -25.58 | 45.60 1.24 -23.11 | 45.69 1.16 -24.29 | 40.98 1.47 -11.08 | 38.76 0.96 -18.01 | 37.46 0.88 -17.02 | 38.96 0.90 -20.74 | 47.25 0.74 -28.73 | 38.62 0.62 -20.14 | 26.52 0.57 -0.29 |
| WADING RIVER_IC_2 23547 | 49.12 1.17 0.00 | 23.31 0.52 0.00 | 7.55 0.26 0.00 | 10.16 0.39 0.00 | 7.99 0.28 0.00 | 37.05 0.88 -15.84 | 43.61 2.29 -4.08 | 40.87 1.53 -18.32 | 37.22 1.95 -4.13 | 74.48 0.35 -67.39 | 32.69 1.08 -10.38 | 42.16 1.06 -22.20 | 43.14 1.22 -21.03 | 44.34 1.08 -25.21 | 46.99 1.19 -25.58 | 45.60 1.24 -23.11 | 45.69 1.16 -24.29 | 40.98 1.47 -11.08 | 38.76 0.96 -18.01 | 37.46 0.88 -17.02 | 38.96 0.90 -20.74 | 47.25 0.74 -28.73 | 38.62 0.62 -20.14 | 26.52 0.57 -0.29 |
| WADING RIVER_IC_3 23601 | 49.13 1.18 0.00 | 23.31 0.52 0.00 | 7.55 0.26 0.00 | 10.16 0.39 0.00 | 7.99 0.28 0.00 | 37.05 0.89 -15.84 | 43.62 2.29 -4.08 | 40.87 1.53 -18.32 | 37.31 2.04 -4.13 | 74.55 0.42 -67.39 | 32.90 1.30 -10.38 | 42.35 1.25 -22.20 | 43.35 1.43 -21.03 | 44.52 1.26 -25.21 | 47.19 1.40 -25.58 | 45.82 1.45 -23.11 | 45.86 1.33 -24.29 | 41.17 1.66 -11.08 | 38.89 1.10 -18.01 | 37.59 1.01 -17.02 | 39.07 1.02 -20.74 | 47.37 0.86 -28.73 | 38.75 0.75 -20.14 | 26.76 0.81 -0.29 |
| WALDEN___HYDRO 24148 | 49.61 1.66 0.00 | 23.50 0.70 0.00 | 7.55 0.25 0.00 | 10.11 0.34 0.00 | 7.96 0.26 0.00 | 21.02 0.70 0.00 | 38.97 1.73 0.00 | 40.34 1.22 -18.10 | 36.46 1.75 -3.57 | 70.51 0.39 -63.39 | 32.68 1.19 -10.26 | 40.80 1.10 -20.80 | 41.67 1.21 -19.57 | 41.41 1.06 -22.29 | 44.51 1.19 -23.11 | 35.86 1.22 -13.38 | 39.98 1.20 -18.54 | 33.85 1.65 -3.77 | 30.40 1.11 -9.50 | 22.21 1.08 -1.56 | 35.92 1.07 -17.53 | 47.14 0.97 -28.40 | 38.77 0.98 -19.94 | 26.92 0.98 -0.29 |
| WATERSIDE___6 8 9 23538 | 51.22 3.27 0.00 | 24.24 1.44 0.00 | 7.76 0.47 0.00 | 10.39 0.62 0.00 | 8.19 0.48 0.00 | 21.72 1.39 0.00 | 40.70 3.46 0.00 | 41.63 2.28 -18.32 | 38.28 3.28 -3.86 | 74.87 0.73 -67.41 | 33.79 2.18 -10.38 | 43.14 2.04 -22.21 | 43.12 2.21 -20.02 | 44.11 1.91 -24.15 | 46.91 2.10 -24.59 | 38.34 2.20 -14.88 | 43.36 2.12 -21.00 | 35.28 3.05 -3.81 | 31.58 2.18 -9.60 | 23.26 2.12 -1.58 | 37.39 2.04 -18.03 | 48.42 1.91 -28.74 | 39.91 1.91 -20.14 | 28.21 2.25 -0.29 |
| WATERTOWN___HYD 23805 | 48.84 0.89 0.00 | 23.20 0.41 0.00 | 7.41 0.11 0.00 | 9.92 0.15 0.00 | 7.83 0.13 0.00 | 20.70 0.38 0.00 | 37.34 0.10 0.00 | 21.53 -0.20 -0.71 | 30.94 -0.32 -0.12 | 8.93 -0.01 -2.20 | 21.61 -0.01 -0.40 | 19.63 0.02 -0.71 | 21.68 0.04 -0.74 | 18.83 0.04 -0.74 | 21.00 -0.01 -0.80 | 21.70 0.04 -0.41 | 20.77 -0.01 -0.54 | 28.51 -0.06 -0.15 | 20.08 -0.08 -0.37 | 19.42 -0.20 -0.06 | 17.80 -0.17 -0.66 | 19.00 0.12 -1.10 | 18.56 -0.06 -0.77 | 26.12 0.44 -0.01 |
| WEST BABYLON___IC 23714 | 50.88 2.93 0.00 | 24.04 1.25 0.00 | 7.71 0.42 0.00 | 10.33 0.56 0.00 | 8.14 0.44 0.00 | 37.43 1.26 -15.84 | 44.35 3.03 -4.08 | 41.32 1.98 -18.32 | 38.16 2.89 -4.13 | 74.76 0.63 -67.39 | 33.55 1.94 -10.38 | 42.98 1.88 -22.20 | 44.03 2.11 -21.03 | 45.03 1.76 -25.21 | 47.79 2.00 -25.58 | 46.48 2.11 -23.11 | 46.55 2.02 -24.29 | 42.41 2.90 -11.08 | 39.87 2.08 -18.01 | 38.61 2.02 -17.02 | 39.98 1.92 -20.74 | 48.24 1.73 -28.73 | 39.65 1.65 -20.14 | 27.79 1.84 -0.29 |
| WEST CANADA___HYD 24049 | 48.02 0.07 0.00 | 22.81 0.02 0.00 | 7.30 0.01 0.00 | 9.78 0.01 0.00 | 7.71 0.01 0.00 | 20.36 0.04 0.00 | 37.39 0.14 0.00 | 20.90 0.11 0.24 | 31.27 0.15 0.01 | 6.37 0.03 0.39 | 21.17 0.08 0.14 | 18.86 0.08 0.12 | 20.75 0.09 0.23 | 18.04 0.07 0.08 | 20.15 0.08 0.15 | 21.32 0.07 0.00 | 20.36 0.07 -0.04 | 28.49 0.11 0.05 | 19.73 0.07 0.13 | 19.62 0.08 0.02 | 17.21 0.08 0.19 | 17.47 0.08 0.38 | 17.67 0.09 0.28 | 25.71 0.05 0.00 |
| WESTERN_NY_WIND 24143 | 45.65 -2.30 0.00 | 21.77 -1.02 0.00 | 7.06 -0.23 0.00 | 9.40 -0.37 0.00 | 7.42 -0.28 0.00 | 19.51 -0.82 0.00 | 35.66 -1.59 0.00 | 22.78 -0.85 -2.60 | 30.56 -0.98 -0.40 | 14.15 -0.25 -7.66 | 22.10 -0.62 -1.49 | 20.77 -0.62 -2.49 | 22.92 -0.72 -2.75 | 19.95 -0.62 -2.52 | 22.39 -0.65 -2.82 | 21.98 -0.62 -1.35 | 21.24 -0.69 -1.68 | 27.90 -1.07 -0.54 | 20.52 -0.64 -1.37 | 19.29 -0.50 -0.22 | 19.19 -0.52 -2.39 | 21.17 -0.68 -4.08 | 20.08 -0.66 -2.89 | 24.74 -0.96 -0.04 |
| YORK___WARBASSE 23770 | 51.41 3.46 0.00 | 24.32 1.53 0.00 | 7.78 0.49 0.00 | 10.42 0.65 0.00 | 8.21 0.51 0.00 | 21.79 1.46 0.00 | 40.86 3.62 0.00 | 41.74 2.40 -18.32 | 38.47 3.47 -3.86 | 74.92 0.77 -67.41 | 33.94 2.33 -10.38 | 43.27 2.16 -22.21 | 43.25 2.34 -20.02 | 44.22 2.01 -24.15 | 47.00 2.19 -24.59 | 38.42 2.28 -14.88 | 43.39 2.15 -21.00 | 35.31 3.08 -3.81 | 31.60 2.21 -9.60 | 23.30 2.16 -1.58 | 37.43 2.09 -18.02 | 48.49 1.98 -28.74 | 40.01 2.01 -20.14 | 28.33 2.38 -0.29 |