

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/27/2001

| 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 | 14.60 | 21.03 | -6.14 | 9.61 | 14.60 | 13.62 | -4.65 | 20.41 | 9.18 | 13.07 | 12.31 | 21.80 | 9.91 | 6.12 | 7.84 | 5.67 | 5.15 | 9.88 | 7.21 | 5.92 | 19.48 | 41.09 | 10.56 | 6.05 |
| 24138 | 0.98 | 1.20 | -0.31 | 0.46 | 0.70 | 0.67 | -0.25 | 1.27 | 0.58 | 0.84 | 0.91 | 1.60 | 0.66 | 0.49 | 0.58 | 0.43 | 0.39 | 0.71 | 0.49 | 0.41 | 0.45 | 0.99 | 0.61 | 0.35 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -13.78 | -27.27 | -1.88 | 0.00 |
| 74TH STREET_GT_1 | 14.60 | 21.03 | -6.14 | 9.61 | 14.60 | 13.62 | -4.65 | 20.41 | 9.18 | 13.07 | 12.31 | 21.80 | 9.91 | 6.12 | 7.84 | 5.67 | 5.15 | 9.88 | 7.21 | 5.92 | 19.48 | 41.09 | 10.56 | 6.05 |
| 24260 | 0.98 | 1.20 | -0.31 | 0.46 | 0.70 | 0.67 | -0.25 | 1.27 | 0.58 | 0.84 | 0.91 | 1.60 | 0.66 | 0.49 | 0.58 | 0.43 | 0.39 | 0.71 | 0.49 | 0.41 | 0.45 | 0.99 | 0.61 | 0.35 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -13.78 | -27.27 | -1.88 | 0.00 |
| 74TH STREET_GT_2 | 14.60 | 21.03 | -6.14 | 9.61 | 14.60 | 13.62 | -4.65 | 20.41 | 9.18 | 13.07 | 12.31 | 21.80 | 9.91 | 6.12 | 7.84 | 5.67 | 5.15 | 9.88 | 7.21 | 5.92 | 19.48 | 41.09 | 10.56 | 6.05 |
| 24261 | 0.98 | 1.20 | -0.31 | 0.46 | 0.70 | 0.67 | -0.25 | 1.27 | 0.58 | 0.84 | 0.91 | 1.60 | 0.66 | 0.49 | 0.58 | 0.43 | 0.39 | 0.71 | 0.49 | 0.41 | 0.45 | 0.99 | 0.61 | 0.35 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -1.67 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -13.78 | -27.27 | -1.88 | 0.00 |
| ADK HUDSON___FALLS | 14.06 | 20.31 | -5.87 | 9.28 | 14.06 | 13.04 | -4.38 | 19.25 | 8.87 | 12.65 | 11.85 | 21.23 | 8.64 | 5.82 | 7.51 | 5.36 | 4.87 | 9.43 | 6.95 | 5.66 | 5.38 | 13.30 | 8.34 | 5.80 |
| 24011 | 0.44 | 0.48 | -0.03 | 0.12 | 0.17 | 0.09 | 0.02 | 0.11 | 0.26 | 0.42 | 0.45 | 1.03 | 0.27 | 0.19 | 0.24 | 0.12 | 0.10 | 0.26 | 0.24 | 0.15 | 0.13 | 0.47 | 0.26 | 0.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK RESOURCE___RCVRY | 14.06 | 20.31 | -5.87 | 9.28 | 14.06 | 13.04 | -4.38 | 19.25 | 8.87 | 12.65 | 11.85 | 21.23 | 8.64 | 5.82 | 7.51 | 5.36 | 4.87 | 9.43 | 6.95 | 5.66 | 5.38 | 13.30 | 8.34 | 5.80 |
| 23798 | 0.44 | 0.48 | -0.03 | 0.12 | 0.17 | 0.09 | 0.02 | 0.11 | 0.26 | 0.42 | 0.45 | 1.03 | 0.27 | 0.19 | 0.24 | 0.12 | 0.10 | 0.26 | 0.24 | 0.15 | 0.13 | 0.47 | 0.26 | 0.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK S GLENS___FALLS | 14.06 | 20.31 | -5.87 | 9.28 | 14.06 | 13.04 | -4.38 | 19.25 | 8.87 | 12.65 | 11.85 | 21.23 | 8.64 | 5.82 | 7.51 | 5.36 | 4.87 | 9.43 | 6.95 | 5.66 | 5.38 | 13.30 | 8.34 | 5.80 |
| 24028 | 0.44 | 0.48 | -0.03 | 0.12 | 0.17 | 0.09 | 0.02 | 0.11 | 0.26 | 0.42 | 0.45 | 1.03 | 0.27 | 0.19 | 0.24 | 0.12 | 0.10 | 0.26 | 0.24 | 0.15 | 0.13 | 0.47 | 0.26 | 0.09 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ADK_NYS___DAM | 14.34 | 20.92 | -6.12 | 9.64 | 14.61 | 13.54 | -4.51 | 19.77 | 9.01 | 12.87 | 11.98 | 21.37 | 8.73 | 5.87 | 7.56 | 5.40 | 4.91 | 9.50 | 7.03 | 5.77 | 5.44 | 13.34 | 8.43 | 5.88 |
| 23527 | 0.72 | 1.09 | -0.28 | 0.48 | 0.71 | 0.59 | -0.11 | 0.63 | 0.40 | 0.64 | 0.58 | 1.17 | 0.33 | 0.24 | 0.29 | 0.16 | 0.14 | 0.33 | 0.31 | 0.26 | 0.19 | 0.50 | 0.35 | 0.18 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___1 | 14.14 | 20.76 | -6.07 | 9.55 | 14.48 | 13.47 | -4.51 | 19.68 | 8.98 | 12.82 | 11.94 | 21.31 | 8.71 | 5.86 | 7.58 | 5.42 | 4.93 | 9.54 | 7.03 | 5.74 | 5.45 | 13.46 | 8.44 | 5.91 |
| 23571 | 0.52 | 0.93 | -0.23 | 0.39 | 0.58 | 0.51 | -0.11 | 0.54 | 0.37 | 0.59 | 0.53 | 1.11 | 0.33 | 0.23 | 0.31 | 0.18 | 0.16 | 0.37 | 0.31 | 0.23 | 0.19 | 0.63 | 0.36 | 0.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___2 | 14.14 | 20.76 | -6.07 | 9.55 | 14.48 | 13.47 | -4.51 | 19.68 | 8.98 | 12.82 | 11.94 | 21.31 | 8.71 | 5.86 | 7.58 | 5.42 | 4.93 | 9.54 | 7.03 | 5.74 | 5.45 | 13.46 | 8.44 | 5.91 |
| 23572 | 0.52 | 0.93 | -0.23 | 0.39 | 0.58 | 0.51 | -0.11 | 0.54 | 0.37 | 0.59 | 0.53 | 1.11 | 0.33 | 0.23 | 0.31 | 0.18 | 0.16 | 0.37 | 0.31 | 0.23 | 0.19 | 0.63 | 0.36 | 0.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___3 | 14.14 | 20.76 | -6.07 | 9.55 | 14.48 | 13.47 | -4.51 | 19.68 | 8.98 | 12.82 | 11.94 | 21.31 | 8.71 | 5.86 | 7.58 | 5.42 | 4.93 | 9.54 | 7.03 | 5.74 | 5.45 | 13.46 | 8.44 | 5.91 |
| 23573 | 0.52 | 0.93 | -0.23 | 0.39 | 0.58 | 0.51 | -0.11 | 0.54 | 0.37 | 0.59 | 0.53 | 1.11 | 0.33 | 0.23 | 0.31 | 0.18 | 0.16 | 0.37 | 0.31 | 0.23 | 0.19 | 0.63 | 0.36 | 0.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALBANY___4 | 14.14 | 20.76 | -6.07 | 9.55 | 14.48 | 13.47 | -4.51 | 19.68 | 8.98 | 12.82 | 11.94 | 21.31 | 8.71 | 5.86 | 7.58 | 5.42 | 4.93 | 9.54 | 7.03 | 5.74 | 5.45 | 13.46 | 8.44 | 5.91 |
| 23574 | 0.52 | 0.93 | -0.23 | 0.39 | 0.58 | 0.51 | -0.11 | 0.54 | 0.37 | 0.59 | 0.53 | 1.11 | 0.33 | 0.23 | 0.31 | 0.18 | 0.16 | 0.37 | 0.31 | 0.23 | 0.19 | 0.63 | 0.36 | 0.21 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -0.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALLEGHENY___COGEN | 13.53 | 19.85 | -5.87 | 9.20 | 13.96 | 13.01 | -4.40 | 19.13 | 8.66 | 12.30 | 11.39 | 20.23 | 7.49 | 5.62 | 7.26 | 5.22 | 4.74 | 9.12 | 6.71 | 5.53 | 5.25 | 12.84 | 8.09 | 5.74 |
| 23514 | -0.09 | 0.02 | -0.03 | 0.05 | 0.07 | 0.06 | 0.00 | -0.01 | 0.05 | 0.06 | -0.01 | 0.03 | -0.02 | -0.01 | 0.00 | -0.02 | -0.03 | -0.04 | 0.00 | 0.02 | -0.01 | 0.01 | 0.01 | 0.04 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|
| AMERICAN_REF_FUEL 24010 | 13.22 -0.40 0.00 | 19.06 -0.77 0.00 | -5.71 0.12 0.00 | 8.92 -0.23 0.00 | 13.56 -0.33 0.00 | 12.65 -0.31 0.00 | -4.36 0.04 0.00 | 18.63 -0.51 0.00 | 8.20 -0.41 0.00 | 11.59 -0.64 0.00 | 10.70 -0.70 0.00 | 18.68 -1.52 0.00 | 7.03 -0.48 0.07 | 5.29 -0.34 0.00 | 6.84 -0.42 0.00 | 5.00 -0.24 0.00 | 4.55 -0.22 0.00 | 8.65 -0.51 0.00 | 6.30 -0.41 0.00 | 5.21 -0.31 0.00 | 4.99 -0.27 0.00 | 11.99 -0.84 0.00 | 7.59 -0.49 0.00 | 5.54 -0.17 0.00 |
| AMERICAN__BRASS 23903 | 13.22 -0.40 0.00 | 19.06 -0.77 0.00 | -5.71 0.12 0.00 | 8.92 -0.23 0.00 | 13.56 -0.33 0.00 | 12.65 -0.31 0.00 | -4.36 0.04 0.00 | 18.63 -0.51 0.00 | 8.20 -0.41 0.00 | 11.59 -0.64 0.00 | 10.70 -0.70 0.00 | 18.68 -1.52 0.00 | 7.03 -0.48 0.07 | 5.29 -0.34 0.00 | 6.84 -0.42 0.00 | 5.00 -0.24 0.00 | 4.55 -0.22 0.00 | 8.65 -0.51 0.00 | 6.30 -0.41 0.00 | 5.21 -0.31 0.00 | 4.99 -0.27 0.00 | 11.99 -0.84 0.00 | 7.59 -0.49 0.00 | 5.54 -0.17 0.00 |
| ARTHUR KILL_GT_1 23520 | 14.59 0.98 0.00 | 21.02 1.19 0.00 | -6.14 -0.30 0.00 | 9.61 0.45 0.00 | 14.59 0.70 0.00 | 13.62 0.66 0.00 | -4.64 -0.24 0.00 | 20.40 1.26 0.00 | 9.17 0.56 0.00 | 12.98 0.75 0.00 | 12.22 0.82 0.00 | 21.73 1.53 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.00 0.90 -27.27 | 10.55 0.59 -1.88 | 6.05 0.34 0.00 |
| ARTHUR_KILL_2 23512 | 14.59 0.98 0.00 | 21.02 1.19 0.00 | -6.14 -0.30 0.00 | 9.61 0.45 0.00 | 14.59 0.70 0.00 | 13.62 0.66 0.00 | -4.64 -0.24 0.00 | 20.40 1.26 0.00 | 9.17 0.56 0.00 | 12.98 0.75 0.00 | 12.22 0.82 0.00 | 21.73 1.53 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.00 0.90 -27.27 | 10.55 0.59 -1.88 | 6.05 0.34 0.00 |
| ARTHUR_KILL_3 23513 | 14.60 0.99 0.00 | 21.03 1.20 0.00 | -6.15 -0.31 0.00 | 9.62 0.46 0.00 | 14.61 0.71 0.00 | 13.63 0.68 0.00 | -4.65 -0.25 0.00 | 20.43 1.29 0.00 | 9.19 0.58 0.00 | 13.07 0.84 0.00 | 12.31 0.91 0.00 | 21.82 1.62 0.00 | 9.92 0.67 -1.67 | 6.13 0.50 0.00 | 7.85 0.58 0.00 | 5.68 0.44 0.00 | 5.16 0.39 0.00 | 9.89 0.72 0.00 | 7.21 0.50 0.00 | 5.93 0.42 0.00 | 19.48 0.45 -13.78 | 41.13 1.03 -27.27 | 10.56 0.61 -1.88 | 6.05 0.35 0.00 |
| ASHOKAN____ 23654 | 14.29 0.67 0.00 | 20.76 0.93 0.00 | -6.09 -0.25 0.00 | 9.54 0.39 0.00 | 14.42 0.52 0.00 | 13.44 0.49 0.00 | -4.57 -0.17 0.00 | 19.98 0.84 0.00 | 8.99 0.38 0.00 | 12.79 0.56 0.00 | 12.00 0.60 0.00 | 21.26 1.06 0.00 | 9.30 0.42 -1.29 | 5.94 0.31 0.00 | 7.62 0.36 0.00 | 5.51 0.27 0.00 | 5.02 0.25 0.00 | 9.63 0.47 0.00 | 7.04 0.33 0.00 | 5.77 0.26 0.00 | 5.55 0.29 0.00 | 13.47 0.64 0.00 | 8.46 0.39 0.00 | 5.92 0.22 0.00 |
| ASTORIA 5-9____ 23662 | 14.89 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA GT2____ 23536 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA GT3____ 23731 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA GT4____ 23727 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT2_1 24094 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT2_2 24095 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT2_3 24096 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT2_4 24097 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT3_1 24098 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT3_2 24099 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |

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|------------------------|-----------------------|-----------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-------------------------|-------------------------|------------------------|----------------------|
| ASTORIA_GT3_3 24100 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT3_4 24101 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT4_1 24102 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT4_2 24103 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT4_3 24104 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT4_4 24105 | 14.88 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT_1 23523 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| ASTORIA_GT_10 24110 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| ASTORIA_GT_11 24225 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| ASTORIA_GT_12 24226 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| ASTORIA_GT_13 24227 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| ASTORIA_GT_5 24106 | 14.89 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT_7 24107 | 14.89 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT_8 24108 | 14.89 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA_GT_9 24109 | 14.89 1.27 0.00 | 21.43 1.61 0.00 | -6.27 -0.43 0.00 | 9.82 0.67 0.00 | 15.00 1.10 0.00 | 13.97 1.01 0.00 | -4.75 -0.35 0.00 | 20.99 1.85 0.00 | 9.46 0.85 0.00 | 13.49 1.26 0.00 | 12.67 1.27 0.00 | 22.42 2.22 0.00 | 10.13 0.88 -1.67 | 6.29 0.66 0.00 | 8.05 0.78 0.00 | 5.82 0.58 0.00 | 5.29 0.52 0.00 | 10.12 0.96 0.00 | 7.38 0.66 0.00 | 6.07 0.56 0.00 | 19.64 0.61 -13.78 | 41.42 1.32 -27.27 | 10.77 0.82 -1.88 | 6.20 0.49 0.00 |
| ASTORIA___2 24149 | 14.92 1.30 0.00 | 21.48 1.65 0.00 | -6.28 -0.45 0.00 | 9.85 0.69 0.00 | 15.04 1.14 0.00 | 14.00 1.05 0.00 | -4.76 -0.35 0.00 | 21.05 1.91 0.00 | 9.49 0.88 0.00 | 13.53 1.30 0.00 | 12.71 1.31 0.00 | 22.49 2.29 0.00 | 10.16 0.91 -1.67 | 6.31 0.67 0.00 | 8.07 0.81 0.00 | 5.84 0.60 0.00 | 5.30 0.53 0.00 | 10.15 0.99 0.00 | 7.40 0.69 0.00 | 6.08 0.57 0.00 | 19.65 0.62 -13.78 | 41.42 1.32 -27.27 | 10.80 0.84 -1.88 | 6.21 0.51 0.00 |

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|------------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|----------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|----------------------|
| ASTORIA___3 23516 | 14.86 1.25 0.00 | 21.40 1.57 0.00 | -6.26 -0.42 0.00 | 9.81 0.65 0.00 | 14.97 1.07 0.00 | 13.94 0.99 0.00 | -4.74 -0.34 0.00 | 20.95 1.81 0.00 | 9.44 0.83 0.00 | 13.46 1.23 0.00 | 12.64 1.24 0.00 | 22.37 2.17 0.00 | 10.12 0.87 -1.67 | 6.27 0.64 0.00 | 8.03 0.77 0.00 | 5.81 0.57 0.00 | 5.27 0.51 0.00 | 10.10 0.94 0.00 | 7.37 0.65 0.00 | 6.06 0.55 0.00 | 19.61 0.57 -13.78 | 41.41 1.32 -27.27 | 10.76 0.80 -1.88 | 6.19 0.48 0.00 |
| ASTORIA___4 23517 | 14.66 1.05 0.00 | 21.12 1.29 0.00 | -6.17 -0.34 0.00 | 9.67 0.51 0.00 | 14.71 0.81 0.00 | 13.74 0.79 0.00 | -4.68 -0.28 0.00 | 20.65 1.51 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.48 1.08 0.00 | 22.10 1.90 0.00 | 10.02 0.77 -1.67 | 6.20 0.57 0.00 | 7.94 0.68 0.00 | 5.75 0.50 0.00 | 5.22 0.45 0.00 | 9.99 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.70 -1.88 | 6.12 0.41 0.00 |
| ASTORIA___5 23518 | 14.81 1.19 0.00 | 21.32 1.49 0.00 | -6.24 -0.40 0.00 | 9.77 0.61 0.00 | 14.93 1.03 0.00 | 13.90 0.95 0.00 | -4.71 -0.31 0.00 | 20.90 1.76 0.00 | 9.42 0.81 0.00 | 13.42 1.19 0.00 | 12.58 1.18 0.00 | 22.25 2.05 0.00 | 10.06 0.81 -1.67 | 6.23 0.60 0.00 | 7.98 0.72 0.00 | 5.77 0.53 0.00 | 5.24 0.48 0.00 | 10.04 0.88 0.00 | 7.32 0.61 0.00 | 6.02 0.51 0.00 | 19.59 0.56 -13.78 | 41.28 1.18 -27.27 | 10.70 0.75 -1.88 | 6.15 0.44 0.00 |
| ASTRIA 10-13____ 23663 | 14.73 1.11 0.00 | 21.20 1.37 0.00 | -6.20 -0.36 0.00 | 9.70 0.55 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.68 1.54 0.00 | 9.32 0.71 0.00 | 13.27 1.04 0.00 | 12.49 1.09 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.83 0.00 | 7.29 0.57 0.00 | 5.99 0.48 0.00 | 19.54 0.51 -13.78 | 41.27 1.17 -27.27 | 10.66 0.71 -1.88 | 6.12 0.42 0.00 |
| BARRETT 1-8___GRP4 24034 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT 9-12___GRP3 24033 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_1 23704 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_10 23701 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_11 23702 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_12 23703 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_2 23705 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_3 23706 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_4 23707 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_5 23708 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_6 23709 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_7 23710 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |

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|-----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|
| BARRETT_IC_8 23711 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT_IC_9 23700 | 33.92 0.80 -19.49 | 48.21 0.98 -27.40 | 37.59 -0.24 -43.67 | 47.83 0.38 -38.30 | 48.76 0.55 -34.31 | 34.72 0.51 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.75 0.48 -28.66 | 39.47 0.69 -26.54 | 37.84 0.76 -25.67 | 23.61 1.33 -2.08 | 27.69 0.55 -19.55 | 30.20 0.41 -24.15 | 13.33 0.47 -5.59 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 39.98 0.59 -30.23 | 40.18 0.41 -33.06 | 40.33 0.36 -34.47 | 50.22 0.37 -44.60 | 46.64 0.79 -33.02 | 16.58 0.52 -7.98 | 6.00 0.30 0.00 |
| BARRETT___1 23545 | 33.86 0.75 -19.49 | 48.15 0.92 -27.40 | 37.60 -0.23 -43.67 | 47.80 0.35 -38.30 | 48.72 0.51 -34.31 | 34.68 0.48 -21.25 | 14.72 -0.18 -19.31 | 36.03 1.01 -15.88 | 37.73 0.46 -28.66 | 39.43 0.66 -26.54 | 37.80 0.73 -25.67 | 23.55 1.26 -2.08 | 27.66 0.53 -19.55 | 30.18 0.39 -24.15 | 13.31 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.31 0.00 | 39.95 0.56 -30.23 | 40.16 0.39 -33.06 | 40.32 0.34 -34.47 | 50.20 0.35 -44.60 | 46.61 0.76 -33.02 | 16.56 0.50 -7.98 | 5.99 0.28 0.00 |
| BARRETT___2 23546 | 33.87 0.76 -19.49 | 48.14 0.92 -27.40 | 37.60 -0.23 -43.67 | 47.80 0.35 -38.30 | 48.69 0.49 -34.31 | 34.66 0.45 -21.25 | 14.72 -0.19 -19.31 | 36.04 1.02 -15.88 | 37.73 0.46 -28.66 | 39.43 0.66 -26.54 | 37.81 0.73 -25.67 | 23.56 1.27 -2.08 | 27.66 0.53 -19.55 | 30.18 0.39 -24.15 | 13.31 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.31 0.00 | 39.96 0.56 -30.23 | 40.17 0.39 -33.06 | 40.32 0.35 -34.47 | 50.19 0.34 -44.60 | 46.61 0.75 -33.02 | 16.56 0.50 -7.98 | 5.99 0.29 0.00 |
| BEAVER RIVER___HYD 24048 | 13.42 -0.20 0.00 | 19.93 0.10 0.00 | -5.88 -0.04 0.00 | 9.21 0.05 0.00 | 13.98 0.08 0.00 | 13.03 0.08 0.00 | -4.38 0.02 0.00 | 19.15 0.01 0.00 | 8.70 0.09 0.00 | 12.29 0.06 0.00 | 11.33 -0.07 0.00 | 20.26 0.06 0.00 | 7.53 -0.05 0.00 | 5.59 -0.04 0.00 | 7.30 0.03 0.00 | 5.22 -0.02 0.00 | 4.72 -0.04 0.00 | 9.17 0.00 0.00 | 6.77 0.05 0.00 | 5.53 0.02 0.00 | 5.21 -0.05 0.00 | 12.90 0.06 0.00 | 8.08 0.00 0.00 | 5.76 0.05 0.00 |
| BEEBEE_GT_13 23619 | 13.41 -0.20 0.00 | 19.64 -0.18 0.00 | -5.85 -0.01 0.00 | 9.19 0.03 0.00 | 13.94 0.04 0.00 | 12.94 -0.02 0.00 | -4.36 0.04 0.00 | 18.87 -0.27 0.00 | 8.58 -0.03 0.00 | 12.30 0.07 0.00 | 11.40 0.00 0.00 | 20.25 0.05 0.00 | 7.48 -0.05 0.05 | 5.60 -0.03 0.00 | 7.31 0.04 0.00 | 5.24 0.00 0.00 | 4.76 -0.01 0.00 | 9.18 0.02 0.00 | 6.75 0.03 0.00 | 5.51 -0.01 0.00 | 5.23 -0.02 0.00 | 12.84 0.01 0.00 | 8.08 0.00 0.00 | 5.76 0.06 0.00 |
| BETHLEHEM___STEEL 23779 | 13.35 -0.27 0.00 | 19.25 -0.58 0.00 | -5.76 0.07 0.00 | 9.01 -0.15 0.00 | 13.70 -0.19 0.00 | 12.79 -0.17 0.00 | -4.41 -0.01 0.00 | 18.90 -0.24 0.00 | 8.34 -0.27 0.00 | 11.77 -0.46 0.00 | 10.90 -0.51 0.00 | 19.05 -1.15 0.00 | 7.17 -0.34 0.07 | 5.39 -0.24 0.00 | 6.96 -0.30 0.00 | 5.08 -0.16 0.00 | 4.63 -0.14 0.00 | 8.81 -0.36 0.00 | 6.41 -0.30 0.00 | 5.29 -0.22 0.00 | 5.06 -0.20 0.00 | 12.23 -0.60 0.00 | 7.71 -0.37 0.00 | 5.61 -0.10 0.00 |
| BINGHAMTON___COGEN 23790 | 13.89 0.27 0.00 | 20.21 0.39 0.00 | -5.96 -0.13 0.00 | 9.31 0.15 0.00 | 14.14 0.24 0.00 | 13.21 0.26 0.00 | -4.52 -0.12 0.00 | 19.67 0.53 0.00 | 8.81 0.20 0.00 | 12.48 0.25 0.00 | 11.67 0.27 0.00 | 20.62 0.42 0.00 | 7.64 0.21 0.16 | 5.78 0.15 0.00 | 7.44 0.17 0.00 | 5.38 0.14 0.00 | 4.90 0.13 0.00 | 9.40 0.24 0.00 | 6.87 0.15 0.00 | 5.63 0.12 0.00 | 5.40 0.15 0.00 | 13.14 0.30 0.00 | 8.25 0.17 0.00 | 5.80 0.10 0.00 |
| BLACK RIVER___HYD 24047 | 13.26 -0.36 0.00 | 19.78 -0.05 0.00 | -5.84 0.00 0.00 | 9.14 -0.01 0.00 | 13.88 -0.01 0.00 | 12.94 -0.01 0.00 | -4.34 0.06 0.00 | 19.02 -0.12 0.00 | 8.66 0.05 0.00 | 12.23 0.00 0.00 | 11.24 -0.16 0.00 | 20.15 -0.05 0.00 | 7.48 -0.10 0.01 | 5.56 -0.07 0.00 | 7.27 0.01 0.00 | 5.19 -0.05 0.00 | 4.69 -0.08 0.00 | 9.11 -0.06 0.00 | 6.74 0.02 0.00 | 5.50 -0.01 0.00 | 5.17 -0.08 0.00 | 12.82 -0.01 0.00 | 8.02 -0.06 0.00 | 5.73 0.02 0.00 |
| BOWLINE___1 23526 | 14.37 0.76 0.00 | 20.73 0.90 0.00 | -6.07 -0.23 0.00 | 9.50 0.35 0.00 | 14.43 0.53 0.00 | 13.47 0.52 0.00 | -4.61 -0.21 0.00 | 20.19 1.05 0.00 | 9.07 0.46 0.00 | 12.87 0.64 0.00 | 12.11 0.70 0.00 | 21.43 1.23 0.00 | 9.88 0.52 -1.78 | 6.02 0.39 0.00 | 7.71 0.45 0.00 | 5.58 0.34 0.00 | 5.08 0.31 0.00 | 9.73 0.56 0.00 | 7.10 0.39 0.00 | 5.84 0.33 0.00 | 5.60 0.34 0.00 | 13.61 0.78 0.00 | 8.55 0.47 0.00 | 5.97 0.27 0.00 |
| BOWLINE___2 23595 | 14.37 0.76 0.00 | 20.73 0.90 0.00 | -6.07 -0.23 0.00 | 9.50 0.35 0.00 | 14.43 0.53 0.00 | 13.47 0.52 0.00 | -4.61 -0.21 0.00 | 20.19 1.05 0.00 | 9.07 0.46 0.00 | 12.87 0.64 0.00 | 12.11 0.70 0.00 | 21.43 1.23 0.00 | 9.88 0.52 -1.78 | 6.02 0.39 0.00 | 7.71 0.45 0.00 | 5.58 0.34 0.00 | 5.08 0.31 0.00 | 9.73 0.56 0.00 | 7.10 0.39 0.00 | 5.84 0.33 0.00 | 5.60 0.34 0.00 | 13.61 0.78 0.00 | 8.55 0.47 0.00 | 5.97 0.27 0.00 |
| BROOKLYN_NAVY_YARD 23515 | 14.54 0.92 0.00 | 20.95 1.12 0.00 | -6.12 -0.28 0.00 | 9.57 0.41 0.00 | 14.53 0.63 0.00 | 13.56 0.60 0.00 | -4.62 -0.22 0.00 | 20.31 1.17 0.00 | 9.14 0.53 0.00 | 13.00 0.77 0.00 | 12.25 0.85 0.00 | 21.71 1.51 0.00 | 9.88 0.63 -1.67 | 6.10 0.47 0.00 | 7.81 0.55 0.00 | 5.65 0.41 0.00 | 5.13 0.36 0.00 | 9.84 0.67 0.00 | 7.18 0.46 0.00 | 5.90 0.39 0.00 | 19.46 0.43 -13.78 | 41.00 0.90 -27.27 | 10.52 0.57 -1.88 | 6.02 0.32 0.00 |
| BURROWS___LYONSDAL 23803 | 13.68 0.07 0.00 | 20.14 0.31 0.00 | -5.93 -0.09 0.00 | 9.30 0.14 0.00 | 14.11 0.22 0.00 | 13.16 0.20 0.00 | -4.45 -0.05 0.00 | 19.40 0.26 0.00 | 8.77 0.16 0.00 | 12.43 0.20 0.00 | 11.53 0.13 0.00 | 20.54 0.34 0.00 | 7.68 0.08 -0.01 | 5.69 0.06 0.00 | 7.38 0.11 0.00 | 5.30 0.06 0.00 | 4.81 0.04 0.00 | 9.29 0.12 0.00 | 6.84 0.12 0.00 | 5.59 0.08 0.00 | 5.31 0.05 0.00 | 13.02 0.19 0.00 | 8.18 0.10 0.00 | 5.80 0.09 0.00 |
| CARR STREET_E__SYR 24060 | 13.39 -0.23 0.00 | 19.58 -0.25 0.00 | -5.79 0.05 0.00 | 9.07 -0.09 0.00 | 13.77 -0.13 0.00 | 12.83 -0.12 0.00 | -4.36 0.04 0.00 | 18.96 -0.18 0.00 | 8.52 -0.09 0.00 | 12.08 -0.15 0.00 | 11.23 -0.17 0.00 | 19.89 -0.31 0.00 | 7.43 -0.12 0.03 | 5.55 -0.08 0.00 | 7.18 -0.09 0.00 | 5.18 -0.06 0.00 | 4.71 -0.06 0.00 | 9.05 -0.11 0.00 | 6.64 -0.08 0.00 | 5.44 -0.07 0.00 | 5.19 -0.07 0.00 | 12.70 -0.13 0.00 | 7.96 -0.12 0.00 | 5.65 -0.06 0.00 |
| CARTHAGE___PAPER 23857 | 13.26 -0.36 0.00 | 19.78 -0.05 0.00 | -5.84 0.00 0.00 | 9.14 -0.01 0.00 | 13.88 -0.01 0.00 | 12.94 -0.01 0.00 | -4.34 0.06 0.00 | 19.02 -0.12 0.00 | 8.66 0.05 0.00 | 12.23 0.00 0.00 | 11.24 -0.16 0.00 | 20.15 -0.05 0.00 | 7.48 -0.10 0.00 | 5.56 -0.07 0.00 | 7.27 0.01 0.00 | 5.19 -0.05 0.00 | 4.69 -0.08 0.00 | 9.11 -0.06 0.00 | 6.74 0.02 0.00 | 5.50 -0.01 0.00 | 5.17 -0.08 0.00 | 12.82 -0.01 0.00 | 8.02 -0.06 0.00 | 5.73 0.02 0.00 |
| CH_MISC_IPPS 23765 | 14.20 0.58 0.00 | 20.47 0.64 0.00 | -5.99 -0.15 0.00 | 9.38 0.23 0.00 | 14.28 0.38 0.00 | 13.32 0.37 0.00 | -4.55 -0.15 0.00 | 19.90 0.76 0.00 | 8.95 0.34 0.00 | 12.72 0.49 0.00 | 11.96 0.56 0.00 | 21.17 0.97 0.00 | 9.54 0.40 -1.56 | 5.93 0.30 0.00 | 7.59 0.33 0.00 | 5.49 0.25 0.00 | 5.00 0.23 0.00 | 9.59 0.42 0.00 | 7.00 0.29 0.00 | 5.75 0.24 0.00 | 5.52 0.26 0.00 | 13.47 0.64 0.00 | 8.44 0.36 0.00 | 5.89 0.19 0.00 |

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| CH_RES_BVR_FALLS 23983 | 13.61 -0.01 0.00 | 19.83 0.00 0.00 | -5.84 0.00 0.00 | 9.16 0.00 0.00 | 13.90 0.00 0.00 | 12.96 0.00 0.00 | -4.40 0.00 0.00 | 19.12 -0.02 0.00 | 8.61 0.00 0.00 | 12.23 0.00 0.00 | 11.39 -0.01 0.00 | 20.18 -0.02 0.00 | 7.62 -0.01 -0.05 | 5.62 -0.01 0.00 | 7.26 -0.01 0.00 | 5.23 -0.01 0.00 | 4.76 -0.01 0.00 | 9.15 -0.01 0.00 | 6.71 0.00 0.00 | 5.51 0.00 0.00 | 5.25 0.00 0.00 | 12.83 0.00 0.00 | 8.08 0.00 0.00 | 5.71 0.01 0.00 |
| CH_RES_NIAGARA 23895 | 13.12 -0.50 0.00 | 18.92 -0.91 0.00 | -5.68 0.16 0.00 | 8.88 -0.28 0.00 | 13.49 -0.41 0.00 | 12.58 -0.37 0.00 | -4.35 0.05 0.00 | 18.50 -0.65 0.00 | 8.12 -0.49 0.00 | 11.44 -0.79 0.00 | 10.55 -0.85 0.00 | 18.39 -1.81 0.00 | 6.93 -0.58 0.07 | 5.20 -0.43 0.00 | 6.72 -0.54 0.00 | 4.92 -0.32 0.00 | 4.49 -0.28 0.00 | 8.51 -0.65 0.00 | 6.20 -0.52 0.00 | 5.13 -0.38 0.00 | 4.90 -0.35 0.00 | 11.76 -1.07 0.00 | 7.47 -0.61 0.00 | 5.50 -0.20 0.00 |
| CH_RES_SYRACUSE 23985 | 13.32 -0.30 0.00 | 19.45 -0.38 0.00 | -5.76 0.08 0.00 | 9.02 -0.14 0.00 | 13.70 -0.20 0.00 | 12.77 -0.18 0.00 | -4.35 0.05 0.00 | 18.87 -0.27 0.00 | 8.47 -0.14 0.00 | 12.01 -0.22 0.00 | 11.16 -0.24 0.00 | 19.74 -0.46 0.00 | 7.37 -0.17 0.04 | 5.52 -0.11 0.00 | 7.14 -0.13 0.00 | 5.16 -0.09 0.00 | 4.69 -0.08 0.00 | 9.01 -0.16 0.00 | 6.60 -0.12 0.00 | 5.41 -0.10 0.00 | 5.15 -0.10 0.00 | 12.58 -0.26 0.00 | 7.91 -0.17 0.00 | 5.62 -0.09 0.00 |
| CORNELL____ 23752 | 13.80 0.18 0.00 | 19.90 0.07 0.00 | -5.90 -0.06 0.00 | 9.26 0.10 0.00 | 14.03 0.14 0.00 | 13.06 0.10 0.00 | -4.44 -0.04 0.00 | 19.27 0.13 0.00 | 8.76 0.15 0.00 | 12.53 0.30 0.00 | 11.69 0.28 0.00 | 20.51 0.31 0.00 | 7.65 0.14 0.08 | 5.77 0.14 0.00 | 7.47 0.21 0.00 | 5.40 0.16 0.00 | 4.90 0.14 0.00 | 9.41 0.25 0.00 | 6.89 0.17 0.00 | 5.65 0.14 0.00 | 5.40 0.14 0.00 | 13.22 0.39 0.00 | 8.26 0.18 0.00 | 5.84 0.13 0.00 |
| COXSACKIE___GT 23611 | 14.09 0.47 0.00 | 20.44 0.61 0.00 | -6.01 -0.17 0.00 | 9.42 0.27 0.00 | 14.30 0.41 0.00 | 13.33 0.37 0.00 | -4.52 -0.12 0.00 | 19.72 0.58 0.00 | 8.87 0.26 0.00 | 12.61 0.38 0.00 | 11.80 0.39 0.00 | 20.88 0.68 0.00 | 9.04 0.27 -1.20 | 5.83 0.20 0.00 | 7.49 0.23 0.00 | 5.41 0.17 0.00 | 4.93 0.17 0.00 | 9.48 0.31 0.00 | 6.94 0.22 0.00 | 5.69 0.18 0.00 | 5.44 0.19 0.00 | 13.24 0.40 0.00 | 8.33 0.25 0.00 | 5.85 0.14 0.00 |
| CRESCENT___HYD 24018 | 14.14 0.52 0.00 | 20.66 0.83 0.00 | -6.03 -0.19 0.00 | 9.49 0.34 0.00 | 14.40 0.50 0.00 | 13.37 0.42 0.00 | -4.47 -0.07 0.00 | 19.57 0.43 0.00 | 8.94 0.33 0.00 | 12.76 0.53 0.00 | 11.89 0.49 0.00 | 21.23 1.03 0.00 | 8.67 0.29 -0.80 | 5.83 0.20 0.00 | 7.53 0.26 0.00 | 5.38 0.14 0.00 | 4.89 0.13 0.00 | 9.47 0.30 0.00 | 6.98 0.27 0.00 | 5.71 0.20 0.00 | 5.41 0.15 0.00 | 13.34 0.50 0.00 | 8.38 0.30 0.00 | 5.86 0.15 0.00 |
| DANSKAMMER___1 23586 | 14.07 0.45 0.00 | 20.27 0.44 0.00 | -5.93 -0.09 0.00 | 9.29 0.13 0.00 | 14.14 0.24 0.00 | 13.19 0.24 0.00 | -4.50 -0.10 0.00 | 19.71 0.57 0.00 | 8.86 0.25 0.00 | 12.59 0.36 0.00 | 11.84 0.44 0.00 | 20.96 0.76 0.00 | 9.47 0.33 -1.56 | 5.87 0.24 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.49 0.32 0.00 | 6.93 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.83 0.13 0.00 |
| DANSKAMMER___2 23589 | 14.07 0.45 0.00 | 20.27 0.44 0.00 | -5.93 -0.09 0.00 | 9.29 0.13 0.00 | 14.14 0.24 0.00 | 13.19 0.24 0.00 | -4.50 -0.10 0.00 | 19.71 0.57 0.00 | 8.86 0.25 0.00 | 12.59 0.36 0.00 | 11.84 0.44 0.00 | 20.96 0.76 0.00 | 9.47 0.33 -1.56 | 5.87 0.24 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.49 0.32 0.00 | 6.93 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.83 0.13 0.00 |
| DANSKAMMER___3 23590 | 14.07 0.45 0.00 | 20.27 0.44 0.00 | -5.93 -0.09 0.00 | 9.29 0.13 0.00 | 14.14 0.24 0.00 | 13.19 0.24 0.00 | -4.50 -0.10 0.00 | 19.71 0.57 0.00 | 8.86 0.25 0.00 | 12.59 0.36 0.00 | 11.84 0.44 0.00 | 20.96 0.76 0.00 | 9.47 0.33 -1.56 | 5.87 0.24 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.49 0.32 0.00 | 6.93 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.83 0.13 0.00 |
| DANSKAMMER___4 23591 | 14.07 0.45 0.00 | 20.27 0.44 0.00 | -5.93 -0.09 0.00 | 9.29 0.13 0.00 | 14.14 0.24 0.00 | 13.19 0.24 0.00 | -4.50 -0.10 0.00 | 19.71 0.57 0.00 | 8.86 0.25 0.00 | 12.59 0.36 0.00 | 11.84 0.44 0.00 | 20.96 0.76 0.00 | 9.47 0.33 -1.56 | 5.87 0.24 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.49 0.32 0.00 | 6.93 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.83 0.13 0.00 |
| DANSKAMMER___DIESEL 23592 | 14.07 0.45 0.00 | 20.27 0.44 0.00 | -5.93 -0.09 0.00 | 9.29 0.13 0.00 | 14.14 0.24 0.00 | 13.19 0.24 0.00 | -4.50 -0.10 0.00 | 19.71 0.57 0.00 | 8.86 0.25 0.00 | 12.59 0.36 0.00 | 11.84 0.44 0.00 | 20.96 0.76 0.00 | 9.47 0.33 -1.56 | 5.87 0.24 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.49 0.32 0.00 | 6.93 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.83 0.13 0.00 |
| DASHVILLE___HYD 23610 | 14.24 0.62 0.00 | 20.53 0.70 0.00 | -6.01 -0.17 0.00 | 9.42 0.26 0.00 | 14.33 0.44 0.00 | 13.38 0.42 0.00 | -4.56 -0.16 0.00 | 19.97 0.83 0.00 | 8.94 0.33 0.00 | 12.69 0.46 0.00 | 11.92 0.52 0.00 | 21.11 0.91 0.00 | 9.40 0.38 -1.44 | 5.91 0.28 0.00 | 7.58 0.31 0.00 | 5.48 0.23 0.00 | 4.97 0.20 0.00 | 9.53 0.37 0.00 | 6.96 0.25 0.00 | 5.71 0.20 0.00 | 5.50 0.24 0.00 | 13.34 0.50 0.00 | 8.39 0.31 0.00 | 5.86 0.16 0.00 |
| DOGLEVILLE___HYD 23807 | 14.27 0.65 0.00 | 20.51 0.68 0.00 | -5.96 -0.13 0.00 | 9.38 0.22 0.00 | 14.22 0.32 0.00 | 13.23 0.28 0.00 | -4.48 -0.08 0.00 | 19.80 0.66 0.00 | 8.95 0.34 0.00 | 12.77 0.54 0.00 | 12.06 0.66 0.00 | 21.39 1.19 0.00 | 8.08 0.46 -0.03 | 5.96 0.33 0.00 | 7.59 0.32 0.00 | 5.47 0.23 0.00 | 4.99 0.23 0.00 | 9.60 0.43 0.00 | 7.02 0.31 0.00 | 5.78 0.27 0.00 | 5.52 0.27 0.00 | 13.36 0.53 0.00 | 8.42 0.35 0.00 | 5.80 0.09 0.00 |
| DUNKIRK___1 23563 | 12.98 -0.63 0.00 | 18.78 -1.05 0.00 | -5.61 0.23 0.00 | 8.76 -0.39 0.00 | 13.34 -0.56 0.00 | 12.49 -0.47 0.00 | -4.33 0.07 0.00 | 18.77 -0.37 0.00 | 8.30 -0.31 0.00 | 11.67 -0.56 0.00 | 10.86 -0.55 0.00 | 19.01 -1.19 0.00 | 7.19 -0.32 0.08 | 5.43 -0.20 0.00 | 7.00 -0.26 0.00 | 5.08 -0.16 0.00 | 4.61 -0.16 0.00 | 8.81 -0.35 0.00 | 6.41 -0.30 0.00 | 5.29 -0.22 0.00 | 5.05 -0.20 0.00 | 12.23 -0.60 0.00 | 7.72 -0.36 0.00 | 5.49 -0.21 0.00 |
| DUNKIRK___2 23564 | 12.98 -0.63 0.00 | 18.78 -1.05 0.00 | -5.61 0.23 0.00 | 8.76 -0.39 0.00 | 13.34 -0.56 0.00 | 12.49 -0.47 0.00 | -4.33 0.07 0.00 | 18.77 -0.37 0.00 | 8.30 -0.31 0.00 | 11.67 -0.56 0.00 | 10.86 -0.55 0.00 | 19.01 -1.19 0.00 | 7.19 -0.32 0.08 | 5.43 -0.20 0.00 | 7.00 -0.26 0.00 | 5.08 -0.16 0.00 | 4.61 -0.16 0.00 | 8.81 -0.35 0.00 | 6.41 -0.30 0.00 | 5.29 -0.22 0.00 | 5.05 -0.20 0.00 | 12.23 -0.60 0.00 | 7.72 -0.36 0.00 | 5.49 -0.21 0.00 |
| DUNKIRK___3 23565 | 13.06 -0.56 0.00 | 18.88 -0.95 0.00 | -5.64 0.19 0.00 | 8.82 -0.34 0.00 | 13.42 -0.48 0.00 | 12.55 -0.41 0.00 | -4.35 0.05 0.00 | 18.77 -0.37 0.00 | 8.29 -0.31 0.00 | 11.68 -0.55 0.00 | 10.86 -0.55 0.00 | 19.00 -1.20 0.00 | 7.17 -0.34 0.08 | 5.41 -0.22 0.00 | 6.98 -0.29 0.00 | 5.07 -0.17 0.00 | 4.61 -0.16 0.00 | 8.80 -0.36 0.00 | 6.41 -0.31 0.00 | 5.28 -0.23 0.00 | 5.05 -0.20 0.00 | 12.23 -0.60 0.00 | 7.71 -0.37 0.00 | 5.52 -0.19 0.00 |

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| DUNKIRK___4 23566 | 13.06 -0.56 0.00 | 18.88 -0.95 0.00 | -5.64 0.19 0.00 | 8.82 -0.34 0.00 | 13.42 -0.48 0.00 | 12.55 -0.41 0.00 | -4.35 0.05 0.00 | 18.77 -0.37 0.00 | 8.29 -0.31 0.00 | 11.68 -0.55 0.00 | 10.86 -0.55 0.00 | 19.00 -1.20 0.00 | 7.17 -0.34 0.08 | 5.41 -0.22 0.00 | 6.98 -0.29 0.00 | 5.07 -0.17 0.00 | 4.61 -0.16 0.00 | 8.80 -0.36 0.00 | 6.41 -0.31 0.00 | 5.28 -0.23 0.00 | 5.05 -0.20 0.00 | 12.23 -0.60 0.00 | 7.71 -0.37 0.00 | 5.52 -0.19 0.00 |
| EAST HAMPTON___GT 23717 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| EAST RIVER___6 23660 | 14.59 0.98 0.00 | 21.01 1.18 0.00 | -6.14 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.68 0.00 | 13.61 0.65 0.00 | -4.64 -0.24 0.00 | 20.38 1.24 0.00 | 9.17 0.56 0.00 | 13.06 0.83 0.00 | 12.30 0.90 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.38 0.00 | 9.87 0.71 0.00 | 7.20 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.10 1.00 -27.27 | 10.56 0.60 -1.88 | 6.05 0.34 0.00 |
| EAST RIVER___7 23524 | 14.59 0.98 0.00 | 21.01 1.18 0.00 | -6.14 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.68 0.00 | 13.61 0.65 0.00 | -4.64 -0.24 0.00 | 20.38 1.24 0.00 | 9.17 0.56 0.00 | 13.06 0.83 0.00 | 12.30 0.90 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.38 0.00 | 9.87 0.71 0.00 | 7.20 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.10 1.00 -27.27 | 10.56 0.60 -1.88 | 6.05 0.34 0.00 |
| EAST_HAMPTON___DIESEL 23722 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| E_CANADA_CAP_HY 24051 | 13.49 -0.13 0.00 | 20.19 0.36 0.00 | -6.00 -0.17 0.00 | 9.42 0.26 0.00 | 14.31 0.41 0.00 | 13.32 0.37 0.00 | -4.48 -0.08 0.00 | 19.22 0.08 0.00 | 8.74 0.13 0.00 | 12.44 0.21 0.00 | 11.39 -0.02 0.00 | 20.28 0.08 0.00 | 7.98 -0.06 -0.46 | 5.58 -0.05 0.00 | 7.34 0.08 0.00 | 5.25 0.01 0.00 | 4.76 -0.01 0.00 | 9.22 0.05 0.00 | 6.81 0.09 0.00 | 5.56 0.05 0.00 | 5.24 -0.01 0.00 | 13.00 0.17 0.00 | 8.15 0.07 0.00 | 5.88 0.18 0.00 |
| E_CANADA_MHWK_HY 24050 | 14.27 0.65 0.00 | 20.51 0.68 0.00 | -5.96 -0.13 0.00 | 9.38 0.22 0.00 | 14.22 0.32 0.00 | 13.23 0.28 0.00 | -4.48 -0.08 0.00 | 19.80 0.66 0.00 | 8.95 0.34 0.00 | 12.77 0.54 0.00 | 12.06 0.66 0.00 | 21.39 1.19 0.00 | 8.08 0.46 -0.03 | 5.96 0.33 0.00 | 7.59 0.32 0.00 | 5.47 0.23 0.00 | 4.99 0.23 0.00 | 9.60 0.43 0.00 | 7.02 0.31 0.00 | 5.78 0.27 0.00 | 5.52 0.27 0.00 | 13.36 0.53 0.00 | 8.42 0.35 0.00 | 5.80 0.09 0.00 |
| E_FISHKILL___LBMP 23776 | 14.10 0.48 0.00 | 20.37 0.55 0.00 | -5.97 -0.14 0.00 | 9.37 0.21 0.00 | 14.22 0.33 0.00 | 13.27 0.32 0.00 | -4.52 -0.12 0.00 | 19.79 0.65 0.00 | 8.88 0.27 0.00 | 12.61 0.38 0.00 | 11.83 0.43 0.00 | 20.94 0.74 0.00 | 9.46 0.31 -1.57 | 5.86 0.23 0.00 | 7.52 0.26 0.00 | 5.44 0.20 0.00 | 4.95 0.18 0.00 | 9.50 0.33 0.00 | 6.94 0.22 0.00 | 5.70 0.19 0.00 | 19.25 0.22 -13.78 | 40.46 0.36 -27.27 | 10.23 0.27 -1.88 | 5.85 0.15 0.00 |
| FAR ROCKAWAY___4 23548 | 33.98 0.87 -19.49 | 48.28 1.05 -27.40 | 37.57 -0.26 -43.67 | 47.85 0.40 -38.30 | 48.81 0.60 -34.31 | 34.76 0.56 -21.25 | 14.67 -0.23 -19.31 | 35.98 0.96 -15.88 | 37.71 0.44 -28.66 | 39.42 0.64 -26.54 | 37.80 0.73 -25.67 | 23.54 1.26 -2.08 | 27.66 0.52 -19.55 | 30.17 0.39 -24.15 | 13.30 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 39.95 0.55 -30.23 | 40.15 0.38 -33.06 | 40.30 0.33 -34.47 | 50.18 0.33 -44.60 | 46.60 0.75 -33.02 | 16.54 0.48 -7.98 | 6.00 0.30 0.00 |
| FIBERTEK___ENERGY 23856 | 13.32 -0.30 0.00 | 19.45 -0.38 0.00 | -5.76 0.08 0.00 | 9.02 -0.14 0.00 | 13.70 -0.20 0.00 | 12.77 -0.18 0.00 | -4.35 0.05 0.00 | 18.87 -0.27 0.00 | 8.47 -0.14 0.00 | 12.01 -0.22 0.00 | 11.16 -0.24 0.00 | 19.74 -0.46 0.00 | 7.37 -0.17 0.04 | 5.52 -0.11 0.00 | 7.14 -0.13 0.00 | 5.16 -0.09 0.00 | 4.69 -0.08 0.00 | 9.01 -0.16 0.00 | 6.60 -0.12 0.00 | 5.41 -0.10 0.00 | 5.15 -0.10 0.00 | 12.58 -0.26 0.00 | 7.91 -0.17 0.00 | 5.62 -0.09 0.00 |
| FITZPATRICK____ 23598 | 13.01 -0.60 0.00 | 18.93 -0.90 0.00 | -5.59 0.25 0.00 | 8.76 -0.39 0.00 | 13.30 -0.59 0.00 | 12.40 -0.55 0.00 | -4.22 0.18 0.00 | 18.33 -0.81 0.00 | 8.22 -0.39 0.00 | 11.67 -0.56 0.00 | 10.88 -0.52 0.00 | 19.25 -0.95 0.00 | 7.21 -0.35 0.02 | 5.38 -0.25 0.00 | 6.94 -0.32 0.00 | 5.02 -0.22 0.00 | 4.56 -0.20 0.00 | 8.76 -0.40 0.00 | 6.41 -0.30 0.00 | 5.26 -0.25 0.00 | 5.03 -0.22 0.00 | 12.20 -0.64 0.00 | 7.71 -0.37 0.00 | 5.46 -0.25 0.00 |
| FORT ORANGE____ 23900 | 14.33 0.71 0.00 | 20.98 1.15 0.00 | -6.11 -0.28 0.00 | 9.61 0.46 0.00 | 14.58 0.68 0.00 | 13.57 0.62 0.00 | -4.56 -0.16 0.00 | 19.93 0.79 0.00 | 9.10 0.49 0.00 | 13.00 0.77 0.00 | 12.14 0.74 0.00 | 21.68 1.48 0.00 | 8.93 0.48 -0.87 | 5.98 0.35 0.00 | 7.71 0.45 0.00 | 5.52 0.28 0.00 | 5.02 0.25 0.00 | 9.70 0.54 0.00 | 7.14 0.42 0.00 | 5.83 0.32 0.00 | 5.55 0.30 0.00 | 13.70 0.87 0.00 | 8.58 0.50 0.00 | 5.99 0.29 0.00 |
| FORT_DRUM_COGEN 23780 | 13.22 -0.40 0.00 | 19.72 -0.10 0.00 | -5.82 0.01 0.00 | 9.12 -0.04 0.00 | 13.85 -0.05 0.00 | 12.91 -0.04 0.00 | -4.33 0.07 0.00 | 18.97 -0.17 0.00 | 8.63 0.02 0.00 | 12.20 -0.03 0.00 | 11.21 -0.19 0.00 | 20.10 -0.10 0.00 | 7.46 -0.11 0.01 | 5.55 -0.09 0.00 | 7.25 -0.01 0.00 | 5.17 -0.07 0.00 | 4.68 -0.09 0.00 | 9.09 -0.08 0.00 | 6.72 0.00 0.00 | 5.48 -0.03 0.00 | 5.16 -0.10 0.00 | 12.81 -0.03 0.00 | 8.00 -0.08 0.00 | 5.71 0.01 0.00 |
| FRANKLIN_FALL_HYD 24054 | 13.63 0.01 0.00 | 19.93 0.11 0.00 | -5.86 -0.02 0.00 | 9.22 0.06 0.00 | 14.00 0.10 0.00 | 13.05 0.10 0.00 | -4.42 -0.02 0.00 | 19.20 0.05 0.00 | 8.69 0.08 0.00 | 12.32 0.09 0.00 | 11.42 0.01 0.00 | 20.27 0.07 0.00 | 7.58 -0.02 -0.01 | 5.61 -0.02 0.00 | 7.29 0.02 0.00 | 5.24 0.00 0.00 | 4.75 -0.02 0.00 | 9.17 0.00 0.00 | 6.74 0.02 0.00 | 5.53 0.02 0.00 | 5.25 0.00 0.00 | 12.95 0.12 0.00 | 8.14 0.06 0.00 | 5.78 0.07 0.00 |
| FULTON COGEN____ 23766 | 13.22 -0.40 0.00 | 19.34 -0.49 0.00 | -5.71 0.12 0.00 | 8.95 -0.20 0.00 | 13.59 -0.31 0.00 | 12.67 -0.28 0.00 | -4.31 0.09 0.00 | 18.71 -0.43 0.00 | 8.41 -0.20 0.00 | 11.93 -0.30 0.00 | 11.09 -0.32 0.00 | 19.65 -0.55 0.00 | 7.34 -0.21 0.03 | 5.48 -0.15 0.00 | 7.09 -0.17 0.00 | 5.11 -0.13 0.00 | 4.64 -0.12 0.00 | 8.94 -0.23 0.00 | 6.56 -0.16 0.00 | 5.37 -0.14 0.00 | 5.11 -0.15 0.00 | 12.45 -0.38 0.00 | 7.86 -0.22 0.00 | 5.58 -0.13 0.00 |
| GARDENVILLE___LBMP 24039 | 12.89 -0.73 0.00 | 18.72 -1.10 0.00 | -5.61 0.22 0.00 | 8.75 -0.41 0.00 | 13.30 -0.59 0.00 | 12.47 -0.49 0.00 | -4.33 0.07 0.00 | 18.57 -0.57 0.00 | 8.15 -0.46 0.00 | 11.46 -0.77 0.00 | 10.61 -0.79 0.00 | 18.50 -1.70 0.00 | 6.98 -0.53 0.07 | 5.24 -0.39 0.00 | 6.74 -0.53 0.00 | 4.91 -0.33 0.00 | 4.48 -0.29 0.00 | 8.53 -0.63 0.00 | 6.22 -0.49 0.00 | 5.16 -0.35 0.00 | 4.94 -0.32 0.00 | 11.92 -0.92 0.00 | 7.52 -0.56 0.00 | 5.43 -0.27 0.00 |

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| GENERAL___MILLS 23808 | 13.35 -0.27 0.00 | 19.25 -0.58 0.00 | -5.76 0.07 0.00 | 9.01 -0.15 0.00 | 13.70 -0.19 0.00 | 12.79 -0.17 0.00 | -4.41 -0.01 0.00 | 18.90 -0.24 0.00 | 8.34 -0.27 0.00 | 11.77 -0.46 0.00 | 10.90 -0.51 0.00 | 19.05 -1.15 0.00 | 7.17 -0.34 0.07 | 5.39 -0.24 0.00 | 6.96 -0.30 0.00 | 5.08 -0.16 0.00 | 4.63 -0.14 0.00 | 8.81 -0.36 0.00 | 6.41 -0.30 0.00 | 5.29 -0.22 0.00 | 5.06 -0.20 0.00 | 12.23 -0.60 0.00 | 7.71 -0.37 0.00 | 5.61 -0.10 0.00 |
| GILBOA___1 23756 | 13.99 0.37 0.00 | 20.68 0.86 0.00 | -6.06 -0.23 0.00 | 9.53 0.37 0.00 | 14.45 0.55 0.00 | 13.45 0.50 0.00 | -4.48 -0.08 0.00 | 19.51 0.37 0.00 | 8.85 0.24 0.00 | 12.63 0.40 0.00 | 11.75 0.34 0.00 | 20.96 0.76 0.00 | 8.25 0.20 -0.46 | 5.76 0.13 0.00 | 7.45 0.19 0.00 | 5.34 0.09 0.00 | 4.86 0.09 0.00 | 9.40 0.23 0.00 | 6.92 0.21 0.00 | 5.65 0.14 0.00 | 5.37 0.12 0.00 | 13.20 0.37 0.00 | 8.31 0.23 0.00 | 5.85 0.14 0.00 |
| GILBOA___2 23757 | 13.99 0.37 0.00 | 20.68 0.86 0.00 | -6.06 -0.23 0.00 | 9.53 0.37 0.00 | 14.45 0.55 0.00 | 13.45 0.50 0.00 | -4.48 -0.08 0.00 | 19.51 0.37 0.00 | 8.85 0.24 0.00 | 12.63 0.40 0.00 | 11.75 0.34 0.00 | 20.96 0.76 0.00 | 8.25 0.20 -0.46 | 5.76 0.13 0.00 | 7.45 0.19 0.00 | 5.34 0.09 0.00 | 4.86 0.09 0.00 | 9.40 0.23 0.00 | 6.92 0.21 0.00 | 5.65 0.14 0.00 | 5.37 0.12 0.00 | 13.20 0.37 0.00 | 8.31 0.23 0.00 | 5.85 0.14 0.00 |
| GILBOA___3 23758 | 13.99 0.37 0.00 | 20.68 0.86 0.00 | -6.06 -0.23 0.00 | 9.53 0.37 0.00 | 14.45 0.55 0.00 | 13.45 0.50 0.00 | -4.48 -0.08 0.00 | 19.51 0.37 0.00 | 8.85 0.24 0.00 | 12.63 0.40 0.00 | 11.75 0.34 0.00 | 20.96 0.76 0.00 | 8.25 0.20 -0.46 | 5.76 0.13 0.00 | 7.45 0.19 0.00 | 5.34 0.09 0.00 | 4.86 0.09 0.00 | 9.40 0.23 0.00 | 6.92 0.21 0.00 | 5.65 0.14 0.00 | 5.37 0.12 0.00 | 13.20 0.37 0.00 | 8.31 0.23 0.00 | 5.85 0.14 0.00 |
| GILBOA___4 23759 | 13.99 0.37 0.00 | 20.68 0.86 0.00 | -6.06 -0.23 0.00 | 9.53 0.37 0.00 | 14.45 0.55 0.00 | 13.45 0.50 0.00 | -4.48 -0.08 0.00 | 19.51 0.37 0.00 | 8.85 0.24 0.00 | 12.63 0.40 0.00 | 11.75 0.34 0.00 | 20.96 0.76 0.00 | 8.25 0.20 -0.46 | 5.76 0.13 0.00 | 7.45 0.19 0.00 | 5.34 0.09 0.00 | 4.86 0.09 0.00 | 9.40 0.23 0.00 | 6.92 0.21 0.00 | 5.65 0.14 0.00 | 5.37 0.12 0.00 | 13.20 0.37 0.00 | 8.31 0.23 0.00 | 5.85 0.14 0.00 |
| GILBOA___ 23599 | 13.99 0.37 0.00 | 20.68 0.86 0.00 | -6.06 -0.23 0.00 | 9.53 0.37 0.00 | 14.45 0.55 0.00 | 13.45 0.50 0.00 | -4.48 -0.08 0.00 | 19.51 0.37 0.00 | 8.85 0.24 0.00 | 12.63 0.40 0.00 | 11.75 0.34 0.00 | 20.96 0.76 0.00 | 8.25 0.20 -0.46 | 5.76 0.13 0.00 | 7.45 0.19 0.00 | 5.34 0.09 0.00 | 4.86 0.09 0.00 | 9.40 0.23 0.00 | 6.92 0.21 0.00 | 5.65 0.14 0.00 | 5.37 0.12 0.00 | 13.20 0.37 0.00 | 8.31 0.23 0.00 | 5.85 0.14 0.00 |
| GINNA___ 23603 | 12.79 -0.83 0.00 | 18.78 -1.04 0.00 | -5.57 0.26 0.00 | 8.75 -0.40 0.00 | 13.28 -0.62 0.00 | 12.34 -0.62 0.00 | -4.16 0.24 0.00 | 17.95 -1.19 0.00 | 8.16 -0.45 0.00 | 11.66 -0.57 0.00 | 10.81 -0.60 0.00 | 19.19 -1.01 0.00 | 7.08 -0.45 0.05 | 5.30 -0.33 0.00 | 6.93 -0.33 0.00 | 4.98 -0.26 0.00 | 4.51 -0.25 0.00 | 8.72 -0.45 0.00 | 6.41 -0.30 0.00 | 5.23 -0.28 0.00 | 4.95 -0.31 0.00 | 12.21 -0.62 0.00 | 7.68 -0.40 0.00 | 5.48 -0.23 0.00 |
| GLEN PARK___ 23778 | 13.33 -0.29 0.00 | 19.91 0.08 0.00 | -5.88 -0.05 0.00 | 9.21 0.05 0.00 | 13.98 0.08 0.00 | 13.04 0.08 0.00 | -4.37 0.03 0.00 | 19.16 0.02 0.00 | 8.72 0.11 0.00 | 12.32 0.09 0.00 | 11.32 -0.09 0.00 | 20.30 0.10 0.00 | 7.54 -0.03 0.01 | 5.61 -0.02 0.00 | 7.34 0.07 0.00 | 5.23 -0.01 0.00 | 4.72 -0.04 0.00 | 9.18 0.01 0.00 | 6.79 0.07 0.00 | 5.54 0.03 0.00 | 5.21 -0.05 0.00 | 12.91 0.08 0.00 | 8.08 0.00 0.00 | 5.77 0.06 0.00 |
| GLENWOOD_IC_1_G5 23712 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| GLENWOOD_IC_2_G1 23688 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| GLENWOOD_IC_3_G1 23689 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| GLENWOOD___4 23550 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| GLENWOOD___5 23614 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| GOUDEY___7 23579 | 14.00 0.38 0.00 | 20.37 0.54 0.00 | -6.00 -0.17 0.00 | 9.37 0.21 0.00 | 14.23 0.34 0.00 | 13.31 0.35 0.00 | -4.55 -0.15 0.00 | 19.83 0.69 0.00 | 8.88 0.27 0.00 | 12.55 0.32 0.00 | 11.75 0.34 0.00 | 20.78 0.58 0.00 | 7.71 0.27 0.14 | 5.82 0.19 0.00 | 7.48 0.22 0.00 | 5.41 0.17 0.00 | 4.93 0.16 0.00 | 9.46 0.30 0.00 | 6.92 0.20 0.00 | 5.67 0.16 0.00 | 5.44 0.19 0.00 | 13.21 0.37 0.00 | 8.30 0.22 0.00 | 5.84 0.13 0.00 |
| GOUDEY___8 23580 | 13.94 0.33 0.00 | 20.28 0.45 0.00 | -5.98 -0.14 0.00 | 9.33 0.18 0.00 | 14.18 0.28 0.00 | 13.25 0.30 0.00 | -4.53 -0.13 0.00 | 19.74 0.60 0.00 | 8.85 0.24 0.00 | 12.52 0.29 0.00 | 11.72 0.32 0.00 | 20.72 0.52 0.00 | 7.69 0.25 0.14 | 5.81 0.18 0.00 | 7.47 0.20 0.00 | 5.40 0.16 0.00 | 4.92 0.15 0.00 | 9.44 0.27 0.00 | 6.90 0.18 0.00 | 5.66 0.15 0.00 | 5.42 0.17 0.00 | 13.19 0.36 0.00 | 8.28 0.20 0.00 | 5.82 0.12 0.00 |
| GOWANUS_GT_1_GRP 23732 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|-----------------------|-----------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-------------------------|-------------------------|------------------------|----------------------|
| GOWANUS_GT 2_GRP 23617 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT 3_GRP 23618 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT 4_GRP 23751 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT1_1 24077 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_2 24078 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_3 24079 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_4 24080 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_5 24084 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_6 24111 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_7 24112 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT1_8 24113 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT2_1 24114 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_2 24115 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_3 24116 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_4 24117 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_5 24118 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |

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|------------------------|-----------------------|-----------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------------|----------------------|-------------------------|-------------------------|------------------------|----------------------|
| GOWANUS_GT2_6 24119 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_7 24120 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT2_8 24121 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT3_1 24122 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_2 24123 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_3 24124 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_4 24125 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_5 24126 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_6 24127 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_7 24128 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT3_8 24129 | 14.75 1.13 0.00 | 21.23 1.40 0.00 | -6.20 -0.37 0.00 | 9.71 0.55 0.00 | 14.76 0.86 0.00 | 13.77 0.82 0.00 | -4.70 -0.30 0.00 | 20.66 1.51 0.00 | 9.30 0.69 0.00 | 13.25 1.01 0.00 | 12.47 1.07 0.00 | 22.10 1.90 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.68 0.00 | 5.75 0.51 0.00 | 5.22 0.45 0.00 | 10.00 0.84 0.00 | 7.29 0.58 0.00 | 6.00 0.49 0.00 | 19.55 0.51 -13.78 | 41.28 1.18 -27.27 | 10.67 0.71 -1.88 | 6.12 0.42 0.00 |
| GOWANUS_GT4_1 24130 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_2 24131 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_3 24132 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_4 24133 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_5 24134 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |

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|------------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|
| GOWANUS_GT4_6 24135 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_7 24136 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GOWANUS_GT4_8 24137 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.71 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.25 1.02 0.00 | 12.48 1.08 0.00 | 22.12 1.92 0.00 | 10.03 0.78 -1.67 | 6.21 0.58 0.00 | 7.95 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.01 0.84 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.67 0.72 -1.88 | 6.13 0.42 0.00 |
| GRAHMSVILLE___HY 23607 | 14.46 0.84 0.00 | 20.84 1.01 0.00 | -6.10 -0.26 0.00 | 9.55 0.39 0.00 | 14.50 0.60 0.00 | 13.54 0.58 0.00 | -4.64 -0.24 0.00 | 20.30 1.16 0.00 | 9.12 0.51 0.00 | 12.96 0.73 0.00 | 12.19 0.79 0.00 | 21.59 1.39 0.00 | 9.70 0.58 -1.53 | 6.06 0.43 0.00 | 7.77 0.51 0.00 | 5.62 0.38 0.00 | 5.11 0.34 0.00 | 9.80 0.63 0.00 | 7.15 0.44 0.00 | 5.88 0.37 0.00 | 5.63 0.38 0.00 | 13.74 0.91 0.00 | 8.61 0.53 0.00 | 6.01 0.31 0.00 |
| GREENIDGE___3 23582 | 13.32 -0.30 0.00 | 19.26 -0.57 0.00 | -5.76 0.07 0.00 | 8.99 -0.17 0.00 | 13.65 -0.25 0.00 | 12.74 -0.21 0.00 | -4.38 0.02 0.00 | 18.83 -0.31 0.00 | 8.45 -0.16 0.00 | 12.01 -0.22 0.00 | 11.20 -0.20 0.00 | 19.68 -0.52 0.00 | 7.36 -0.14 0.09 | 5.53 -0.10 0.00 | 7.16 -0.11 0.00 | 5.19 -0.05 0.00 | 4.73 -0.03 0.00 | 9.06 -0.10 0.00 | 6.62 -0.09 0.00 | 5.43 -0.08 0.00 | 5.20 -0.06 0.00 | 12.68 -0.16 0.00 | 7.93 -0.14 0.00 | 5.64 -0.06 0.00 |
| GREENIDGE___4 23583 | 13.31 -0.31 0.00 | 19.23 -0.60 0.00 | -5.76 0.08 0.00 | 8.98 -0.17 0.00 | 13.64 -0.26 0.00 | 12.73 -0.22 0.00 | -4.37 0.03 0.00 | 18.81 -0.33 0.00 | 8.45 -0.16 0.00 | 12.01 -0.22 0.00 | 11.20 -0.21 0.00 | 19.67 -0.53 0.00 | 7.36 -0.14 0.09 | 5.53 -0.10 0.00 | 7.16 -0.11 0.00 | 5.19 -0.05 0.00 | 4.73 -0.04 0.00 | 9.06 -0.11 0.00 | 6.62 -0.10 0.00 | 5.43 -0.08 0.00 | 5.19 -0.06 0.00 | 12.66 -0.17 0.00 | 7.93 -0.15 0.00 | 5.63 -0.07 0.00 |
| HARZA MOOSE___RIVER 24016 | 13.68 0.07 0.00 | 20.14 0.31 0.00 | -5.93 -0.09 0.00 | 9.30 0.14 0.00 | 14.11 0.22 0.00 | 13.16 0.20 0.00 | -4.45 -0.05 0.00 | 19.40 0.26 0.00 | 8.77 0.16 0.00 | 12.43 0.20 0.00 | 11.53 0.13 0.00 | 20.54 0.34 0.00 | 7.68 0.08 -0.01 | 5.69 0.06 0.00 | 7.38 0.11 0.00 | 5.30 0.06 0.00 | 4.81 0.04 0.00 | 9.29 0.12 0.00 | 6.84 0.12 0.00 | 5.59 0.08 0.00 | 5.31 0.05 0.00 | 13.02 0.19 0.00 | 8.18 0.10 0.00 | 5.80 0.09 0.00 |
| HEMPSTEAD___ 23647 | 33.93 0.82 -19.49 | 48.23 1.00 -27.40 | 37.58 -0.25 -43.67 | 47.83 0.38 -38.30 | 48.78 0.57 -34.31 | 34.74 0.54 -21.25 | 14.70 -0.21 -19.31 | 36.09 1.07 -15.88 | 37.74 0.47 -28.66 | 39.45 0.67 -26.54 | 37.81 0.74 -25.67 | 23.57 1.28 -2.08 | 27.67 0.54 -19.55 | 30.19 0.40 -24.15 | 13.32 0.46 -5.59 | 5.59 0.35 0.00 | 5.08 0.31 0.00 | 39.97 0.58 -30.23 | 40.17 0.39 -33.06 | 40.31 0.34 -34.47 | 50.21 0.36 -44.60 | 46.61 0.76 -33.02 | 16.54 0.49 -7.98 | 5.98 0.27 0.00 |
| HICKLING___1 23621 | 13.92 0.30 0.00 | 20.22 0.39 0.00 | -5.98 -0.15 0.00 | 9.33 0.17 0.00 | 14.17 0.27 0.00 | 13.26 0.31 0.00 | -4.56 -0.16 0.00 | 19.85 0.71 0.00 | 8.90 0.29 0.00 | 12.61 0.38 0.00 | 11.79 0.39 0.00 | 20.80 0.60 0.00 | 7.76 0.29 0.12 | 5.85 0.22 0.00 | 7.52 0.26 0.00 | 5.45 0.21 0.00 | 4.96 0.19 0.00 | 9.51 0.35 0.00 | 6.94 0.23 0.00 | 5.70 0.19 0.00 | 5.46 0.21 0.00 | 13.31 0.48 0.00 | 8.33 0.25 0.00 | 5.86 0.15 0.00 |
| HICKLING___2 23622 | 13.92 0.31 0.00 | 20.22 0.40 0.00 | -5.98 -0.15 0.00 | 9.33 0.17 0.00 | 14.17 0.28 0.00 | 13.26 0.31 0.00 | -4.56 -0.16 0.00 | 19.85 0.71 0.00 | 8.90 0.29 0.00 | 12.61 0.38 0.00 | 11.80 0.39 0.00 | 20.80 0.60 0.00 | 7.76 0.29 0.12 | 5.85 0.22 0.00 | 7.52 0.26 0.00 | 5.45 0.21 0.00 | 4.96 0.19 0.00 | 9.51 0.35 0.00 | 6.94 0.23 0.00 | 5.71 0.20 0.00 | 5.46 0.21 0.00 | 13.31 0.48 0.00 | 8.33 0.25 0.00 | 5.86 0.15 0.00 |
| HIGH FALLS___HY 23754 | 14.24 0.62 0.00 | 20.86 1.03 0.00 | -6.11 -0.28 0.00 | 9.58 0.43 0.00 | 14.31 0.42 0.00 | 13.35 0.39 0.00 | -4.55 -0.15 0.00 | 19.86 0.72 0.00 | 8.94 0.33 0.00 | 12.74 0.50 0.00 | 11.96 0.56 0.00 | 21.18 0.98 0.00 | 9.41 0.40 -1.43 | 5.92 0.29 0.00 | 7.60 0.33 0.00 | 5.49 0.25 0.00 | 5.00 0.23 0.00 | 9.60 0.43 0.00 | 7.02 0.30 0.00 | 5.75 0.24 0.00 | 5.51 0.26 0.00 | 13.47 0.64 0.00 | 8.43 0.35 0.00 | 5.89 0.19 0.00 |
| HILLBURN___GT 23639 | 14.26 0.64 0.00 | 20.58 0.75 0.00 | -6.03 -0.19 0.00 | 9.44 0.29 0.00 | 14.34 0.44 0.00 | 13.39 0.43 0.00 | -4.58 -0.18 0.00 | 20.06 0.92 0.00 | 9.00 0.39 0.00 | 12.77 0.54 0.00 | 12.00 0.59 0.00 | 21.23 1.03 0.00 | 9.84 0.44 -1.81 | 5.96 0.33 0.00 | 7.65 0.38 0.00 | 5.53 0.29 0.00 | 5.03 0.26 0.00 | 9.64 0.48 0.00 | 7.04 0.32 0.00 | 5.79 0.28 0.00 | 5.55 0.29 0.00 | 13.47 0.64 0.00 | 8.47 0.40 0.00 | 5.92 0.22 0.00 |
| HOLTSVIL 1-5___GRP1 24031 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVIL6-10___GRP2 24032 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_1 23690 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_10 23699 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |

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|-----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|--------------------------|-------------------------|--------------------------|--------------------------|------------------------|
| HOLTSVILLE_IC_2 23691 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_3 23692 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_4 23693 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_5 23694 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_6 23695 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_7 23696 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_8 23697 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HOLTSVILLE_IC_9 23698 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| HQ_GEN_CEDARS 23644 | 13.77 0.15 0.00 | 20.34 0.51 0.00 | -5.99 -0.15 0.00 | 9.40 0.24 0.00 | 14.25 0.35 0.00 | 13.29 0.34 0.00 | -4.50 -0.10 0.00 | 19.51 0.37 0.00 | 8.76 0.15 0.00 | 12.45 0.22 0.00 | 11.49 0.08 0.00 | 20.52 0.32 0.00 | 7.64 0.04 -0.01 | 5.65 0.02 0.00 | 7.37 0.10 0.00 | 5.28 0.04 0.00 | 4.79 0.03 0.00 | 9.28 0.11 0.00 | 6.83 0.12 0.00 | 5.60 0.08 0.00 | 5.31 0.05 0.00 | 13.12 0.29 0.00 | 8.21 0.13 0.00 | 5.84 0.13 0.00 |
| HQ_GEN_CHAT DC 23651 | 13.49 -0.12 0.00 | 19.68 -0.15 0.00 | -5.79 0.04 0.00 | 9.10 -0.06 0.00 | 13.80 -0.09 0.00 | 12.87 -0.08 0.00 | 24.08 0.03 -28.45 | 22.61 -0.21 -3.67 | 19.51 -0.07 -10.97 | 20.49 -0.10 -8.35 | 11.62 -0.13 -0.35 | 22.18 -0.23 -2.20 | 7.64 -0.10 -0.16 | 5.55 -0.08 0.00 | 7.18 -0.08 0.00 | 5.18 -0.06 0.00 | 4.71 -0.06 0.00 | 9.06 -0.11 0.00 | 6.64 -0.07 0.00 | 19.89 -0.05 -14.43 | 5.41 -0.05 -0.21 | 23.84 -0.10 -11.10 | 21.04 -0.05 -13.01 | 5.93 -0.01 -0.24 |
| HUDAV+59+74_TH_GRP 23620 | 14.60 0.98 0.00 | 21.03 1.20 0.00 | -6.14 -0.31 0.00 | 9.61 0.46 0.00 | 14.60 0.70 0.00 | 13.62 0.67 0.00 | -4.65 -0.25 0.00 | 20.41 1.27 0.00 | 9.18 0.58 0.00 | 13.07 0.84 0.00 | 12.31 0.91 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.09 0.99 -27.27 | 10.56 0.61 -1.88 | 6.05 0.35 0.00 |
| HUDSON AVE_GT_3 23810 | 14.60 0.98 0.00 | 21.03 1.20 0.00 | -6.14 -0.31 0.00 | 9.61 0.46 0.00 | 14.60 0.70 0.00 | 13.62 0.67 0.00 | -4.65 -0.25 0.00 | 20.41 1.27 0.00 | 9.18 0.58 0.00 | 13.07 0.84 0.00 | 12.31 0.91 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.09 0.99 -27.27 | 10.56 0.61 -1.88 | 6.05 0.35 0.00 |
| HUDSON AVE_GT_4 23540 | 14.60 0.98 0.00 | 21.03 1.20 0.00 | -6.14 -0.31 0.00 | 9.61 0.46 0.00 | 14.60 0.70 0.00 | 13.62 0.67 0.00 | -4.65 -0.25 0.00 | 20.41 1.27 0.00 | 9.18 0.58 0.00 | 13.07 0.84 0.00 | 12.31 0.91 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.09 0.99 -27.27 | 10.56 0.61 -1.88 | 6.05 0.35 0.00 |
| HUDSON AVE_GT_5 23657 | 14.60 0.98 0.00 | 21.03 1.20 0.00 | -6.14 -0.31 0.00 | 9.61 0.46 0.00 | 14.60 0.70 0.00 | 13.62 0.67 0.00 | -4.65 -0.25 0.00 | 20.41 1.27 0.00 | 9.18 0.58 0.00 | 13.07 0.84 0.00 | 12.31 0.91 0.00 | 21.80 1.60 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.58 0.00 | 5.67 0.43 0.00 | 5.15 0.39 0.00 | 9.88 0.71 0.00 | 7.21 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.09 0.99 -27.27 | 10.56 0.61 -1.88 | 6.05 0.35 0.00 |
| HUDSON_AVE_10 24168 | 14.54 0.92 0.00 | 20.95 1.12 0.00 | -6.12 -0.28 0.00 | 9.57 0.41 0.00 | 14.53 0.63 0.00 | 13.56 0.60 0.00 | -4.62 -0.22 0.00 | 20.31 1.17 0.00 | 9.14 0.53 0.00 | 13.00 0.77 0.00 | 12.25 0.85 0.00 | 21.71 1.51 0.00 | 8.11 0.63 0.10 | 6.10 0.47 0.00 | 7.81 0.55 0.00 | 5.65 0.41 0.00 | 5.13 0.36 0.00 | 9.84 0.67 0.00 | 7.18 0.46 0.00 | 5.90 0.39 0.00 | 5.68 0.43 0.00 | 13.74 0.90 0.00 | 8.65 0.57 0.00 | 6.02 0.32 0.00 |
| HUNTLEY___63 23557 | 13.23 -0.39 0.00 | 19.07 -0.75 0.00 | -5.71 0.12 0.00 | 8.93 -0.22 0.00 | 13.57 -0.32 0.00 | 12.65 -0.30 0.00 | -4.36 0.04 0.00 | 18.64 -0.50 0.00 | 8.21 -0.40 0.00 | 11.61 -0.63 0.00 | 10.72 -0.69 0.00 | 18.71 -1.49 0.00 | 7.04 -0.47 0.07 | 5.30 -0.33 0.00 | 6.85 -0.41 0.00 | 5.01 -0.24 0.00 | 4.55 -0.21 0.00 | 8.66 -0.50 0.00 | 6.31 -0.40 0.00 | 5.21 -0.30 0.00 | 4.99 -0.26 0.00 | 11.99 -0.84 0.00 | 7.59 -0.48 0.00 | 5.54 -0.16 0.00 |

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|----------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|
| HUNTLEY___64 23558 | 13.23 -0.39 0.00 | 19.07 -0.75 0.00 | -5.71 0.12 0.00 | 8.93 -0.22 0.00 | 13.57 -0.32 0.00 | 12.65 -0.30 0.00 | -4.36 0.04 0.00 | 18.64 -0.50 0.00 | 8.21 -0.40 0.00 | 11.61 -0.63 0.00 | 10.72 -0.69 0.00 | 18.71 -1.49 0.00 | 7.04 -0.47 0.07 | 5.30 -0.33 0.00 | 6.85 -0.41 0.00 | 5.01 -0.24 0.00 | 4.55 -0.21 0.00 | 8.66 -0.50 0.00 | 6.31 -0.40 0.00 | 5.21 -0.30 0.00 | 4.99 -0.26 0.00 | 11.99 -0.84 0.00 | 7.59 -0.48 0.00 | 5.54 -0.16 0.00 |
| HUNTLEY___65 23559 | 13.23 -0.39 0.00 | 19.07 -0.75 0.00 | -5.71 0.12 0.00 | 8.93 -0.22 0.00 | 13.57 -0.32 0.00 | 12.65 -0.30 0.00 | -4.36 0.04 0.00 | 18.64 -0.50 0.00 | 8.21 -0.40 0.00 | 11.61 -0.63 0.00 | 10.72 -0.69 0.00 | 18.71 -1.49 0.00 | 7.04 -0.47 0.07 | 5.30 -0.33 0.00 | 6.85 -0.41 0.00 | 5.01 -0.24 0.00 | 4.55 -0.21 0.00 | 8.66 -0.50 0.00 | 6.31 -0.40 0.00 | 5.21 -0.30 0.00 | 4.99 -0.26 0.00 | 11.99 -0.84 0.00 | 7.59 -0.48 0.00 | 5.54 -0.16 0.00 |
| HUNTLEY___66 23560 | 13.23 -0.39 0.00 | 19.07 -0.75 0.00 | -5.71 0.12 0.00 | 8.93 -0.22 0.00 | 13.57 -0.32 0.00 | 12.65 -0.30 0.00 | -4.36 0.04 0.00 | 18.64 -0.50 0.00 | 8.21 -0.40 0.00 | 11.61 -0.63 0.00 | 10.72 -0.69 0.00 | 18.71 -1.49 0.00 | 7.04 -0.47 0.07 | 5.30 -0.33 0.00 | 6.85 -0.41 0.00 | 5.01 -0.24 0.00 | 4.55 -0.21 0.00 | 8.66 -0.50 0.00 | 6.31 -0.40 0.00 | 5.21 -0.30 0.00 | 4.99 -0.26 0.00 | 11.99 -0.84 0.00 | 7.59 -0.48 0.00 | 5.54 -0.16 0.00 |
| HUNTLEY___67 23561 | 13.16 -0.46 0.00 | 18.98 -0.85 0.00 | -5.69 0.14 0.00 | 8.90 -0.26 0.00 | 13.53 -0.37 0.00 | 12.62 -0.33 0.00 | -4.35 0.05 0.00 | 18.60 -0.54 0.00 | 8.18 -0.43 0.00 | 11.54 -0.69 0.00 | 10.66 -0.74 0.00 | 18.61 -1.59 0.00 | 7.01 -0.50 0.07 | 5.27 -0.36 0.00 | 6.81 -0.46 0.00 | 4.97 -0.27 0.00 | 4.53 -0.24 0.00 | 8.61 -0.56 0.00 | 6.27 -0.44 0.00 | 5.18 -0.33 0.00 | 4.95 -0.30 0.00 | 11.96 -0.87 0.00 | 7.55 -0.53 0.00 | 5.53 -0.18 0.00 |
| HUNTLEY___68 23562 | 13.16 -0.46 0.00 | 18.98 -0.85 0.00 | -5.69 0.15 0.00 | 8.89 -0.26 0.00 | 13.53 -0.37 0.00 | 12.62 -0.33 0.00 | -4.36 0.05 0.00 | 18.60 -0.54 0.00 | 8.18 -0.43 0.00 | 11.54 -0.69 0.00 | 10.66 -0.74 0.00 | 18.61 -1.59 0.00 | 7.01 -0.50 0.07 | 5.27 -0.36 0.00 | 6.80 -0.46 0.00 | 4.97 -0.27 0.00 | 4.53 -0.24 0.00 | 8.61 -0.56 0.00 | 6.27 -0.44 0.00 | 5.18 -0.33 0.00 | 4.95 -0.30 0.00 | 11.96 -0.87 0.00 | 7.55 -0.53 0.00 | 5.53 -0.18 0.00 |
| INDECK___CORINTH 23802 | 13.69 0.07 0.00 | 19.84 0.02 0.00 | -5.75 0.09 0.00 | 9.09 -0.07 0.00 | 13.77 -0.12 0.00 | 12.78 -0.17 0.00 | -4.29 0.11 0.00 | 18.80 -0.34 0.00 | 8.65 0.04 0.00 | 12.36 0.13 0.00 | 11.56 0.15 0.00 | 20.70 0.50 0.00 | 8.43 0.07 -0.78 | 5.67 0.04 0.00 | 7.33 0.06 0.00 | 5.23 -0.01 0.00 | 4.75 -0.01 0.00 | 9.21 0.04 0.00 | 6.79 0.08 0.00 | 5.54 0.03 0.00 | 5.26 0.01 0.00 | 12.95 0.12 0.00 | 8.14 0.06 0.00 | 5.67 -0.04 0.00 |
| INDECK___ILION 23567 | 13.91 0.30 0.00 | 20.16 0.34 0.00 | -5.90 -0.07 0.00 | 9.27 0.12 0.00 | 14.07 0.17 0.00 | 13.10 0.15 0.00 | -4.44 -0.04 0.00 | 19.46 0.32 0.00 | 8.77 0.16 0.00 | 12.48 0.25 0.00 | 11.70 0.29 0.00 | 20.74 0.54 0.00 | 7.82 0.20 -0.03 | 5.78 0.15 0.00 | 7.41 0.15 0.00 | 5.35 0.11 0.00 | 4.87 0.10 0.00 | 9.36 0.20 0.00 | 6.86 0.14 0.00 | 5.63 0.12 0.00 | 5.37 0.11 0.00 | 13.09 0.26 0.00 | 8.24 0.16 0.00 | 5.76 0.05 0.00 |
| INDECK___OLEAN 23982 | 14.11 0.49 0.00 | 20.50 0.67 0.00 | -6.08 -0.24 0.00 | 9.49 0.33 0.00 | 14.44 0.54 0.00 | 13.50 0.55 0.00 | -4.68 -0.28 0.00 | 20.40 1.26 0.00 | 9.03 0.42 0.00 | 12.73 0.50 0.00 | 11.85 0.45 0.00 | 20.85 0.65 0.00 | 7.85 0.35 0.08 | 5.91 0.28 0.00 | 7.62 0.35 0.00 | 5.53 0.29 0.00 | 5.03 0.26 0.00 | 9.65 0.48 0.00 | 7.02 0.30 0.00 | 5.77 0.26 0.00 | 5.54 0.28 0.00 | 13.39 0.55 0.00 | 8.43 0.35 0.00 | 5.95 0.25 0.00 |
| INDECK___OSWEGO 23783 | 13.21 -0.41 0.00 | 19.32 -0.50 0.00 | -5.71 0.13 0.00 | 8.95 -0.21 0.00 | 13.58 -0.31 0.00 | 12.66 -0.29 0.00 | -4.30 0.10 0.00 | 18.69 -0.45 0.00 | 8.41 -0.20 0.00 | 11.92 -0.31 0.00 | 11.08 -0.32 0.00 | 19.64 -0.56 0.00 | 7.33 -0.22 0.03 | 5.47 -0.16 0.00 | 7.09 -0.18 0.00 | 5.11 -0.13 0.00 | 4.64 -0.13 0.00 | 8.93 -0.24 0.00 | 6.55 -0.17 0.00 | 5.37 -0.14 0.00 | 5.10 -0.15 0.00 | 12.45 -0.38 0.00 | 7.85 -0.22 0.00 | 5.57 -0.13 0.00 |
| INDECK___YERKES 23781 | 13.22 -0.40 0.00 | 19.06 -0.77 0.00 | -5.71 0.12 0.00 | 8.92 -0.23 0.00 | 13.56 -0.33 0.00 | 12.65 -0.31 0.00 | -4.36 0.04 0.00 | 18.63 -0.51 0.00 | 8.20 -0.41 0.00 | 11.59 -0.64 0.00 | 10.70 -0.70 0.00 | 18.68 -1.52 0.00 | 7.03 -0.48 0.07 | 5.29 -0.34 0.00 | 6.84 -0.42 0.00 | 5.00 -0.24 0.00 | 4.55 -0.22 0.00 | 8.65 -0.51 0.00 | 6.30 -0.41 0.00 | 5.21 -0.31 0.00 | 4.99 -0.27 0.00 | 11.99 -0.84 0.00 | 7.59 -0.49 0.00 | 5.54 -0.17 0.00 |
| INDIAN POINT_GT_1 24139 | 14.37 0.75 0.00 | 20.71 0.88 0.00 | -6.06 -0.22 0.00 | 9.48 0.33 0.00 | 14.40 0.50 0.00 | 13.44 0.48 0.00 | -4.59 -0.18 0.00 | 20.13 0.99 0.00 | 9.05 0.44 0.00 | 12.85 0.62 0.00 | 12.08 0.68 0.00 | 21.40 1.20 0.00 | 9.79 0.51 -1.70 | 6.01 0.38 0.00 | 7.69 0.43 0.00 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 9.70 0.54 0.00 | 7.08 0.37 0.00 | 5.82 0.31 0.00 | 19.37 0.34 -13.78 | 40.85 0.75 -27.27 | 10.41 0.45 -1.88 | 5.95 0.25 0.00 |
| INDIAN POINT_GT_2 23659 | 14.37 0.75 0.00 | 20.71 0.88 0.00 | -6.06 -0.22 0.00 | 9.48 0.33 0.00 | 14.40 0.50 0.00 | 13.44 0.48 0.00 | -4.59 -0.18 0.00 | 20.13 0.99 0.00 | 9.05 0.44 0.00 | 12.85 0.62 0.00 | 12.08 0.68 0.00 | 21.40 1.20 0.00 | 9.79 0.51 -1.70 | 6.01 0.38 0.00 | 7.69 0.43 0.00 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 9.70 0.54 0.00 | 7.08 0.37 0.00 | 5.82 0.31 0.00 | 19.37 0.34 -13.78 | 40.85 0.75 -27.27 | 10.41 0.45 -1.88 | 5.95 0.25 0.00 |
| INDIAN POINT_GT_3 24019 | 14.37 0.75 0.00 | 20.71 0.88 0.00 | -6.06 -0.22 0.00 | 9.48 0.33 0.00 | 14.40 0.50 0.00 | 13.44 0.48 0.00 | -4.59 -0.18 0.00 | 20.13 0.99 0.00 | 9.05 0.44 0.00 | 12.85 0.62 0.00 | 12.08 0.68 0.00 | 21.40 1.20 0.00 | 9.79 0.51 -1.70 | 6.01 0.38 0.00 | 7.69 0.43 0.00 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 9.70 0.54 0.00 | 7.08 0.37 0.00 | 5.82 0.31 0.00 | 19.37 0.34 -13.78 | 40.85 0.75 -27.27 | 10.41 0.45 -1.88 | 5.95 0.25 0.00 |
| INDIAN POINT___2 23530 | 14.28 0.66 0.00 | 20.59 0.76 0.00 | -6.02 -0.19 0.00 | 9.43 0.27 0.00 | 14.31 0.42 0.00 | 13.36 0.40 0.00 | -4.56 -0.16 0.00 | 20.01 0.87 0.00 | 8.99 0.38 0.00 | 12.77 0.54 0.00 | 12.01 0.61 0.00 | 21.27 1.07 -1.76 | 9.80 0.46 0.00 | 5.97 0.34 0.00 | 7.65 0.39 0.00 | 5.54 0.29 0.00 | 5.03 0.26 0.00 | 9.65 0.48 0.00 | 7.04 0.33 0.00 | 5.79 0.28 0.00 | 19.34 0.30 -13.78 | 40.72 0.62 -27.27 | 10.35 0.40 -1.88 | 5.92 0.21 0.00 |
| INDIAN POINT___3 23531 | 14.31 0.69 0.00 | 20.63 0.80 0.00 | -6.03 -0.20 0.00 | 9.44 0.29 0.00 | 14.34 0.44 0.00 | 13.38 0.42 0.00 | -4.57 -0.17 0.00 | 20.04 0.90 0.00 | 9.00 0.39 0.00 | 12.78 0.55 0.00 | 12.02 0.62 0.00 | 21.27 1.08 -1.70 | 9.74 0.46 0.00 | 5.97 0.34 0.00 | 7.65 0.38 0.00 | 5.53 0.29 0.00 | 5.02 0.26 0.00 | 9.64 0.47 0.00 | 7.04 0.32 0.00 | 5.78 0.27 0.00 | 19.33 0.29 -13.78 | 40.72 0.62 -27.27 | 10.35 0.39 -1.88 | 5.91 0.21 0.00 |
| INDIAN PT_GT_GRP 23687 | 14.37 0.75 0.00 | 20.71 0.88 0.00 | -6.06 -0.22 0.00 | 9.48 0.33 0.00 | 14.40 0.50 0.00 | 13.44 0.48 0.00 | -4.59 -0.18 0.00 | 20.13 0.99 0.00 | 9.05 0.44 0.00 | 12.85 0.62 0.00 | 12.08 0.68 0.00 | 21.40 1.20 0.00 | 9.79 0.51 -1.70 | 6.01 0.38 0.00 | 7.69 0.43 0.00 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 9.70 0.54 0.00 | 7.08 0.37 0.00 | 5.82 0.31 0.00 | 19.37 0.34 -13.78 | 40.85 0.75 -27.27 | 10.41 0.45 -1.88 | 5.95 0.25 0.00 |

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|-----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|
| IP CORINTH___1 23988 | 13.69 0.07 0.00 | 19.84 0.02 0.00 | -5.75 0.09 0.00 | 9.09 -0.07 0.00 | 13.77 -0.12 0.00 | 12.78 -0.17 0.00 | -4.29 0.11 0.00 | 18.80 -0.34 0.00 | 8.65 0.04 0.00 | 12.36 0.13 0.00 | 11.56 0.15 0.00 | 20.70 0.50 0.00 | 8.43 0.07 -0.78 | 5.67 0.04 0.00 | 7.33 0.06 0.00 | 5.23 -0.01 0.00 | 4.75 -0.01 0.00 | 9.21 0.04 0.00 | 6.79 0.08 0.00 | 5.54 0.03 0.00 | 5.26 0.01 0.00 | 12.95 0.12 0.00 | 8.14 0.06 0.00 | 5.67 -0.04 0.00 |
| IP CORINTH___2 23637 | 13.69 0.07 0.00 | 19.84 0.02 0.00 | -5.75 0.09 0.00 | 9.09 -0.07 0.00 | 13.77 -0.12 0.00 | 12.78 -0.17 0.00 | -4.29 0.11 0.00 | 18.80 -0.34 0.00 | 8.65 0.04 0.00 | 12.36 0.13 0.00 | 11.56 0.15 0.00 | 20.70 0.50 0.00 | 8.43 0.07 -0.78 | 5.67 0.04 0.00 | 7.33 0.06 0.00 | 5.23 -0.01 0.00 | 4.75 -0.01 0.00 | 9.21 0.04 0.00 | 6.79 0.08 0.00 | 5.54 0.03 0.00 | 5.26 0.01 0.00 | 12.95 0.12 0.00 | 8.14 0.06 0.00 | 5.67 -0.04 0.00 |
| IP___TICONDEROGA 23804 | 14.80 1.19 0.00 | 21.07 1.24 0.00 | -6.03 -0.19 0.00 | 9.57 0.41 0.00 | 14.49 0.59 0.00 | 13.42 0.46 0.00 | -4.49 -0.09 0.00 | 20.03 0.89 0.00 | 9.26 0.65 0.00 | 13.12 0.89 0.00 | 12.36 0.96 0.00 | 22.21 2.01 0.00 | 9.05 0.61 -0.85 | 6.08 0.45 0.00 | 7.86 0.60 0.00 | 5.61 0.37 0.00 | 5.08 0.32 0.00 | 9.85 0.68 0.00 | 7.25 0.53 0.00 | 5.89 0.37 0.00 | 5.60 0.35 0.00 | 13.92 1.09 0.00 | 8.75 0.67 0.00 | 6.06 0.35 0.00 |
| JARVIS____ 23743 | 13.69 0.07 0.00 | 19.90 0.08 0.00 | -5.85 -0.02 0.00 | 9.18 0.03 0.00 | 13.94 0.04 0.00 | 12.99 0.04 0.00 | -4.41 -0.01 0.00 | 19.21 0.07 0.00 | 8.64 0.03 0.00 | 12.28 0.05 0.00 | 11.46 0.06 0.00 | 20.31 0.11 0.00 | 7.66 0.04 -0.03 | 5.66 0.03 0.00 | 7.29 0.03 0.00 | 5.27 0.02 0.00 | 4.79 0.02 0.00 | 9.21 0.04 0.00 | 6.74 0.03 0.00 | 5.53 0.02 0.00 | 5.27 0.01 0.00 | 12.83 0.00 0.00 | 8.11 0.03 0.00 | 5.71 0.01 0.00 |
| JENNISON___1 23625 | 14.43 0.81 0.00 | 20.98 1.15 0.00 | -6.18 -0.35 0.00 | 9.66 0.50 0.00 | 14.67 0.77 0.00 | 13.69 0.74 0.00 | -4.66 -0.26 0.00 | 20.28 1.14 0.00 | 9.13 0.52 0.00 | 12.96 0.73 0.00 | 12.13 0.73 0.00 | 21.47 1.27 0.00 | 7.95 0.52 0.15 | 6.01 0.38 0.00 | 7.74 0.48 0.00 | 5.59 0.35 0.00 | 5.09 0.32 0.00 | 9.76 0.60 0.00 | 7.13 0.41 0.00 | 5.84 0.33 0.00 | 5.60 0.35 0.00 | 13.67 0.83 0.00 | 8.57 0.49 0.00 | 6.02 0.32 0.00 |
| JENNISON___2 23626 | 14.43 0.81 0.00 | 20.97 1.15 0.00 | -6.18 -0.35 0.00 | 9.66 0.50 0.00 | 14.67 0.77 0.00 | 13.69 0.73 0.00 | -4.66 -0.26 0.00 | 20.27 1.13 0.00 | 9.12 0.51 0.00 | 12.95 0.72 0.00 | 12.13 0.72 0.00 | 21.46 1.26 0.00 | 7.94 0.51 0.15 | 6.01 0.38 0.00 | 7.74 0.47 0.00 | 5.59 0.35 0.00 | 5.09 0.32 0.00 | 9.76 0.59 0.00 | 7.13 0.41 0.00 | 5.84 0.33 0.00 | 5.60 0.35 0.00 | 13.65 0.82 0.00 | 8.57 0.49 0.00 | 6.02 0.31 0.00 |
| KENSICO____ 23655 | 14.46 0.84 0.00 | 20.83 1.01 0.00 | -6.09 -0.26 0.00 | 9.54 0.38 0.00 | 14.48 0.58 0.00 | 13.51 0.56 0.00 | -4.61 -0.21 0.00 | 20.24 1.10 0.00 | 9.10 0.49 0.00 | 12.93 0.70 0.00 | 12.16 0.76 0.00 | 21.54 1.34 0.00 | 9.82 0.56 -1.67 | 6.05 0.42 0.00 | 7.75 0.48 0.00 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 9.76 0.60 0.00 | 7.13 0.41 0.00 | 5.86 0.35 0.00 | 19.42 0.39 -13.78 | 40.86 0.76 -27.27 | 10.46 0.50 -1.88 | 5.99 0.28 0.00 |
| KIAC_JFK_AIRPORT 23541 | 14.56 0.95 0.00 | 21.01 1.18 0.00 | -6.12 -0.29 0.00 | 9.57 0.42 0.00 | 14.53 0.63 0.00 | 13.56 0.60 0.00 | -4.63 -0.23 0.00 | 20.29 1.15 0.00 | 9.14 0.53 0.00 | 13.00 0.77 0.00 | 12.25 0.85 0.00 | 21.72 1.52 0.00 | 9.90 0.65 -1.67 | 6.13 0.50 0.00 | 7.85 0.59 0.00 | 5.66 0.42 0.00 | 5.14 0.37 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.03 0.33 0.00 |
| KINTIGH____ 23543 | 12.96 -0.66 0.00 | 18.82 -1.01 0.00 | -5.64 0.20 0.00 | 8.79 -0.37 0.00 | 13.36 -0.53 0.00 | 12.52 -0.44 0.00 | -4.34 0.06 0.00 | 18.60 -0.54 0.00 | 8.18 -0.43 0.00 | 11.51 -0.72 0.00 | 10.66 -0.75 0.00 | 18.60 -1.60 0.00 | 7.02 -0.50 0.06 | 5.26 -0.37 0.00 | 6.77 -0.50 0.00 | 4.93 -0.31 0.00 | 4.50 -0.27 0.00 | 8.57 -0.59 0.00 | 6.25 -0.46 0.00 | 5.18 -0.33 0.00 | 4.97 -0.28 0.00 | 11.95 -0.88 0.00 | 7.55 -0.53 0.00 | 5.46 -0.25 0.00 |
| LEDERLE____ 23769 | 14.40 0.78 0.00 | 20.76 0.93 0.00 | -6.08 -0.24 0.00 | 9.52 0.36 0.00 | 14.45 0.55 0.00 | 13.49 0.54 0.00 | -4.61 -0.21 0.00 | 20.23 1.09 0.00 | 9.09 0.48 0.00 | 12.90 0.67 0.00 | 12.14 0.73 0.00 | 21.49 1.29 0.00 | 9.93 0.54 -1.81 | 6.04 0.41 0.00 | 7.74 0.47 0.00 | 5.60 0.36 0.00 | 5.09 0.32 0.00 | 9.76 0.59 0.00 | 7.12 0.41 0.00 | 5.86 0.35 0.00 | 5.62 0.37 0.00 | 13.61 0.78 0.00 | 8.57 0.49 0.00 | 5.99 0.28 0.00 |
| LINDEN COGEN____ 23786 | 14.59 0.97 0.00 | 21.00 1.18 0.00 | -6.14 -0.30 0.00 | 9.60 0.45 0.00 | 14.59 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.40 1.26 0.00 | 9.18 0.57 0.00 | 13.06 0.82 0.00 | 12.29 0.89 0.00 | 21.79 1.59 0.00 | 9.91 0.66 -1.67 | 6.12 0.49 0.00 | 7.84 0.57 0.00 | 5.67 0.43 0.00 | 5.15 0.38 0.00 | 9.87 0.71 0.00 | 7.20 0.49 0.00 | 5.92 0.41 0.00 | 19.48 0.45 -13.78 | 41.00 0.90 -27.27 | 10.55 0.60 -1.88 | 6.05 0.34 0.00 |
| LIPA_MISC_IPP 23656 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| LITTLE FALLS___HYD 24013 | 14.27 0.65 0.00 | 20.51 0.68 0.00 | -5.96 -0.13 0.00 | 9.38 0.22 0.00 | 14.22 0.32 0.00 | 13.23 0.28 0.00 | -4.48 -0.08 0.00 | 19.80 0.66 0.00 | 8.95 0.34 0.00 | 12.77 0.54 0.00 | 12.06 0.66 0.00 | 21.39 1.19 0.00 | 8.08 0.46 -0.03 | 5.96 0.33 0.00 | 7.59 0.32 0.00 | 5.47 0.23 0.00 | 4.99 0.23 0.00 | 9.60 0.43 0.00 | 7.02 0.31 0.00 | 5.78 0.27 0.00 | 5.52 0.27 0.00 | 13.36 0.53 0.00 | 8.42 0.35 0.00 | 5.80 0.09 0.00 |
| LONG_LAKE_PHOENIX 24014 | 13.23 -0.39 0.00 | 19.36 -0.47 0.00 | -5.72 0.12 0.00 | 8.96 -0.20 0.00 | 13.60 -0.29 0.00 | 12.68 -0.27 0.00 | -4.31 0.09 0.00 | 18.73 -0.41 0.00 | 8.42 -0.19 0.00 | 11.94 -0.29 0.00 | 11.10 -0.31 0.00 | 19.67 -0.53 0.00 | 7.34 -0.21 0.03 | 5.48 -0.15 0.00 | 7.10 -0.17 0.00 | 5.12 -0.12 0.00 | 4.65 -0.12 0.00 | 8.94 -0.22 0.00 | 6.56 -0.16 0.00 | 5.38 -0.13 0.00 | 5.11 -0.15 0.00 | 12.47 -0.36 0.00 | 7.87 -0.21 0.00 | 5.58 -0.12 0.00 |
| LOVETT___3 23632 | 14.37 0.76 0.00 | 20.73 0.90 0.00 | -6.07 -0.23 0.00 | 9.50 0.34 0.00 | 14.42 0.53 0.00 | 13.47 0.52 0.00 | -4.61 -0.21 0.00 | 20.19 1.04 0.00 | 9.06 0.45 0.00 | 12.87 0.64 0.00 | 12.10 0.70 0.00 | 21.42 1.22 0.00 | 9.90 0.52 -1.80 | 6.02 0.39 0.00 | 7.71 0.45 0.00 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 9.73 0.56 0.00 | 7.10 0.38 0.00 | 5.84 0.33 0.00 | 5.59 0.34 0.00 | 13.61 0.78 0.00 | 8.55 0.47 0.00 | 5.97 0.27 0.00 |
| LOVETT___4 23642 | 14.37 0.75 0.00 | 20.71 0.89 0.00 | -6.07 -0.23 0.00 | 9.50 0.34 0.00 | 14.42 0.52 0.00 | 13.46 0.51 0.00 | -4.60 -0.20 0.00 | 20.18 1.04 0.00 | 9.06 0.45 0.00 | 12.86 0.63 0.00 | 12.09 0.69 0.00 | 21.41 1.21 0.00 | 9.89 0.51 -1.80 | 6.01 0.38 0.00 | 7.70 0.44 0.00 | 5.58 0.33 0.00 | 5.07 0.30 0.00 | 9.72 0.55 0.00 | 7.09 0.38 0.00 | 5.83 0.32 0.00 | 5.58 0.33 0.00 | 13.61 0.77 0.00 | 8.54 0.46 0.00 | 5.97 0.26 0.00 |

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|-----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------------|
| LOVETT___5 23593 | 14.37 0.76 0.00 | 20.73 0.90 0.00 | -6.07 -0.23 0.00 | 9.50 0.35 0.00 | 14.43 0.53 0.00 | 13.47 0.52 0.00 | -4.61 -0.21 0.00 | 20.19 1.05 0.00 | 9.07 0.46 0.00 | 12.87 0.64 0.00 | 12.10 0.70 0.00 | 21.43 1.23 0.00 | 9.90 0.52 -1.80 | 6.02 0.39 0.00 | 7.71 0.45 0.00 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 9.73 0.56 0.00 | 7.10 0.38 0.00 | 5.84 0.33 0.00 | 5.59 0.34 0.00 | 13.61 0.78 0.00 | 8.55 0.47 0.00 | 5.97 0.27 0.00 |
| LOWER RAQUET___HYD 24057 | 13.44 -0.17 0.00 | 19.83 0.00 0.00 | -5.84 0.00 0.00 | 9.15 0.00 0.00 | 13.89 0.00 0.00 | 12.96 0.01 0.00 | -4.38 0.02 0.00 | 19.01 -0.13 0.00 | 8.62 0.01 0.00 | 12.16 -0.08 0.00 | 11.23 -0.18 0.00 | 19.98 -0.22 0.00 | 7.45 -0.14 -0.01 | 5.52 -0.11 0.00 | 7.18 -0.08 0.00 | 5.17 -0.07 0.00 | 4.70 -0.07 0.00 | 9.08 -0.08 0.00 | 6.69 -0.03 0.00 | 5.49 -0.02 0.00 | 5.20 -0.06 0.00 | 12.82 -0.01 0.00 | 8.05 -0.03 0.00 | 5.73 0.03 0.00 |
| LOWER___HUDSON 24059 | 14.14 0.52 0.00 | 20.66 0.83 0.00 | -6.03 -0.19 0.00 | 9.49 0.34 0.00 | 14.40 0.50 0.00 | 13.37 0.42 0.00 | -4.47 -0.07 0.00 | 19.57 0.43 0.00 | 8.94 0.33 0.00 | 12.76 0.53 0.00 | 11.89 0.49 0.00 | 21.23 1.03 0.00 | 8.67 0.29 -0.80 | 5.83 0.20 0.00 | 7.53 0.26 0.00 | 5.38 0.14 0.00 | 4.89 0.13 0.00 | 9.47 0.30 0.00 | 6.98 0.27 0.00 | 5.71 0.20 0.00 | 5.41 0.15 0.00 | 13.34 0.50 0.00 | 8.38 0.30 0.00 | 5.86 0.15 0.00 |
| MEDINA___POWER 24015 | 14.11 0.49 0.00 | 20.50 0.67 0.00 | -6.08 -0.24 0.00 | 9.49 0.33 0.00 | 14.44 0.54 0.00 | 13.50 0.55 0.00 | -4.68 -0.28 0.00 | 20.40 1.26 0.00 | 9.03 0.42 0.00 | 12.73 0.50 0.00 | 11.85 0.45 0.00 | 20.85 0.65 0.00 | 7.86 0.35 0.07 | 5.91 0.28 0.00 | 7.62 0.35 0.00 | 5.53 0.29 0.00 | 5.03 0.26 0.00 | 9.65 0.48 0.00 | 7.02 0.30 0.00 | 5.77 0.26 0.00 | 5.54 0.28 0.00 | 13.39 0.55 0.00 | 8.43 0.35 0.00 | 5.95 0.25 0.00 |
| MILLIKEN___1 23584 | 13.64 0.02 0.00 | 19.61 -0.22 0.00 | -5.82 0.02 0.00 | 9.16 0.00 0.00 | 13.87 -0.03 0.00 | 12.89 -0.06 0.00 | -4.38 0.02 0.00 | 18.98 -0.16 0.00 | 8.64 0.03 0.00 | 12.38 0.15 0.00 | 11.55 0.15 0.00 | 20.22 0.02 0.00 | 7.54 0.03 0.07 | 5.71 0.08 0.00 | 7.39 0.12 0.00 | 5.34 0.10 0.00 | 4.85 0.08 0.00 | 9.30 0.13 0.00 | 6.81 0.09 0.00 | 5.59 0.08 0.00 | 5.34 0.08 0.00 | 13.09 0.26 0.00 | 8.16 0.09 0.00 | 5.77 0.07 0.00 |
| MILLIKEN___2 23585 | 13.57 -0.05 0.00 | 19.50 -0.32 0.00 | -5.80 0.04 0.00 | 9.12 -0.04 0.00 | 13.81 -0.08 0.00 | 12.83 -0.12 0.00 | -4.35 0.05 0.00 | 18.88 -0.27 0.00 | 8.61 0.00 0.00 | 12.33 0.10 0.00 | 11.50 0.10 0.00 | 20.11 -0.09 0.00 | 7.51 0.00 0.07 | 5.68 0.05 0.00 | 7.36 0.09 0.00 | 5.32 0.07 0.00 | 4.83 0.06 0.00 | 9.26 0.09 0.00 | 6.78 0.06 0.00 | 5.57 0.06 0.00 | 5.31 0.05 0.00 | 13.00 0.17 0.00 | 8.13 0.05 0.00 | 5.75 0.05 0.00 |
| MILLIKEN___DIESEL 23629 | 13.57 -0.05 0.00 | 19.50 -0.32 0.00 | -5.80 0.04 0.00 | 9.12 -0.04 0.00 | 13.81 -0.08 0.00 | 12.83 -0.12 0.00 | -4.35 0.05 0.00 | 18.88 -0.27 0.00 | 8.61 0.00 0.00 | 12.33 0.10 0.00 | 11.50 0.10 0.00 | 20.11 -0.09 0.00 | 7.51 0.00 0.07 | 5.68 0.05 0.00 | 7.36 0.09 0.00 | 5.32 0.07 0.00 | 4.83 0.06 0.00 | 9.26 0.09 0.00 | 6.78 0.06 0.00 | 5.57 0.06 0.00 | 5.31 0.05 0.00 | 13.00 0.17 0.00 | 8.13 0.05 0.00 | 5.75 0.05 0.00 |
| MODEL_CITY_ENERGY 24167 | 13.14 -0.48 0.00 | 18.96 -0.87 0.00 | -5.69 0.15 0.00 | 8.89 -0.27 0.00 | 13.51 -0.39 0.00 | 12.59 -0.36 0.00 | -4.35 0.05 0.00 | 18.51 -0.63 0.00 | 8.14 -0.47 0.00 | 11.50 -0.73 0.00 | 10.63 -0.77 0.00 | 18.56 -1.64 0.00 | 6.95 -0.53 0.10 | 5.24 -0.39 0.00 | 6.78 -0.48 0.00 | 4.95 -0.29 0.00 | 4.51 -0.25 0.00 | 8.58 -0.59 0.00 | 6.25 -0.46 0.00 | 5.16 -0.35 0.00 | 4.94 -0.31 0.00 | 11.87 -0.96 0.00 | 7.53 -0.55 0.00 | 5.51 -0.19 0.00 |
| MONGAUP___HYD 23641 | 14.17 0.55 0.00 | 20.47 0.64 0.00 | -6.00 -0.16 0.00 | 9.40 0.24 0.00 | 14.27 0.37 0.00 | 13.32 0.36 0.00 | -4.56 -0.16 0.00 | 19.93 0.79 0.00 | 8.94 0.33 0.00 | 12.68 0.45 0.00 | 11.90 0.50 0.00 | 21.06 0.86 0.00 | 9.78 0.38 -1.82 | 5.91 0.28 0.00 | 7.58 0.32 0.00 | 5.49 0.25 0.00 | 4.99 0.22 0.00 | 9.57 0.40 0.00 | 6.98 0.27 0.00 | 5.74 0.23 0.00 | 5.50 0.25 0.00 | 13.34 0.50 0.00 | 8.41 0.33 0.00 | 5.88 0.18 0.00 |
| MONTAUK___DIESEL 23721 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| N SALMON___HYD 24042 | 13.26 -0.35 0.00 | 19.54 -0.29 0.00 | -5.77 0.06 0.00 | 9.04 -0.11 0.00 | 13.73 -0.17 0.00 | 12.80 -0.15 0.00 | -4.33 0.07 0.00 | 18.87 -0.27 0.00 | 8.52 -0.09 0.00 | 12.06 -0.17 0.00 | 11.17 -0.24 0.00 | 19.87 -0.33 0.00 | 7.43 -0.16 -0.01 | 5.52 -0.11 0.00 | 7.17 -0.09 0.00 | 5.15 -0.09 0.00 | 4.67 -0.10 0.00 | 9.01 -0.15 0.00 | 6.63 -0.08 0.00 | 5.43 -0.08 0.00 | 5.15 -0.11 0.00 | 12.58 -0.26 0.00 | 7.93 -0.15 0.00 | 5.64 -0.06 0.00 |
| N.E_GEN_SANDY PD 24062 | 13.89 0.28 0.00 | 20.22 0.39 0.00 | -5.90 -0.07 0.00 | 9.29 0.13 0.00 | 14.09 0.19 0.00 | 13.11 0.16 0.00 | -4.42 -0.02 0.00 | 23.32 0.20 -3.98 | 20.16 0.17 -11.38 | 21.25 0.27 -8.76 | 12.04 0.28 -0.36 | 23.42 0.59 -2.62 | 8.94 0.17 -1.18 | 5.75 0.12 0.00 | 7.42 0.15 0.00 | 5.32 0.08 0.00 | 4.84 0.08 0.00 | 9.34 0.18 0.00 | 6.86 0.15 0.00 | 21.87 0.10 -16.26 | 5.58 0.09 -0.24 | 29.76 0.30 -16.63 | 22.32 0.17 -14.07 | 6.03 0.07 -0.25 |
| NARROWS_GT1_1 24228 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_2 24229 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_3 24230 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_4 24231 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------------|-------------------------|------------------------|-----------------------|
| NARROWS_GT1_5 24232 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_6 24233 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_7 24234 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_8 24235 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT1_GRP 23726 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_1 24236 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_2 24237 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_3 24238 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_4 24239 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_5 24240 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_6 24241 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_7 24242 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_8 24243 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NARROWS_GT2_GRP 23741 | 14.76 1.14 0.00 | 21.24 1.41 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NEG CAPITAL___MECHNVIL 23645 | 14.14 0.52 0.00 | 20.66 0.83 0.00 | -6.03 -0.19 0.00 | 9.49 0.34 0.00 | 14.40 0.50 0.00 | 13.37 0.42 0.00 | -4.47 -0.07 0.00 | 19.57 0.43 0.00 | 8.94 0.33 0.00 | 12.76 0.53 0.00 | 11.89 0.49 0.00 | 21.23 1.03 0.00 | 8.67 0.29 -0.80 | 5.83 0.20 0.00 | 7.53 0.26 0.00 | 5.38 0.14 0.00 | 4.89 0.13 0.00 | 9.47 0.30 0.00 | 6.98 0.27 0.00 | 5.71 0.20 0.00 | 5.41 0.15 0.00 | 13.34 0.50 0.00 | 8.38 0.30 0.00 | 5.86 0.15 0.00 |
| NEG CENTRAL_HIGH_ACRES 23767 | 12.82 -0.80 0.00 | 18.33 -1.50 0.00 | -5.47 0.36 0.00 | 8.70 -0.46 0.00 | 13.16 -0.73 0.00 | 12.14 -0.81 0.00 | -4.13 0.27 0.00 | 17.88 -1.26 0.00 | 7.97 -0.64 0.00 | 11.44 -0.79 0.00 | 10.57 -0.83 0.00 | 18.52 -1.68 0.00 | 6.90 -0.63 0.05 | 5.23 -0.40 0.00 | 6.84 -0.43 0.00 | 4.98 -0.26 0.00 | 4.51 -0.26 0.00 | 8.60 -0.57 0.00 | 6.28 -0.43 0.00 | 5.16 -0.35 0.00 | 4.91 -0.35 0.00 | 11.99 -0.84 0.00 | 7.50 -0.57 0.00 | 5.48 -0.22 0.00 |

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| NEG CENTRAL___INDECK 23768 | 13.03 -0.58 0.00 | 18.92 -0.91 0.00 | -5.66 0.17 0.00 | 8.83 -0.33 0.00 | 13.41 -0.49 0.00 | 12.53 -0.42 0.00 | -4.33 0.07 0.00 | 18.62 -0.52 0.00 | 8.27 -0.34 0.00 | 11.72 -0.51 0.00 | 10.90 -0.50 0.00 | 19.10 -1.10 0.00 | 7.16 -0.34 0.08 | 5.38 -0.25 0.00 | 6.96 -0.31 0.00 | 5.06 -0.18 0.00 | 4.61 -0.16 0.00 | 8.82 -0.35 0.00 | 6.43 -0.29 0.00 | 5.28 -0.23 0.00 | 5.06 -0.19 0.00 | 12.28 -0.55 0.00 | 7.70 -0.38 0.00 | 5.52 -0.18 0.00 |
| NEG CENTRAL___SENECA 23627 | 13.62 0.00 0.00 | 19.83 0.00 0.00 | -5.84 0.00 0.00 | 9.16 0.00 0.00 | 13.90 0.00 0.00 | 12.95 0.00 0.00 | -4.40 0.00 0.00 | 19.14 0.00 0.00 | 8.61 0.00 0.00 | 12.23 0.00 0.00 | 11.40 0.00 0.00 | 20.20 0.00 0.00 | 7.58 0.00 0.00 | 5.63 0.00 0.00 | 7.26 0.00 0.00 | 5.24 0.00 0.00 | 4.77 0.00 0.00 | 9.17 0.00 0.00 | 6.72 0.00 0.00 | 5.51 0.00 0.00 | 5.25 0.00 0.00 | 12.83 0.00 0.00 | 8.08 0.00 0.00 | 5.70 0.00 0.00 |
| NEG CENTRAL___STATE_STREET 24147 | 13.62 0.00 0.00 | 19.59 -0.24 0.00 | -5.77 0.07 0.00 | 9.14 -0.01 0.00 | 13.84 -0.05 0.00 | 12.81 -0.14 0.00 | -4.34 0.06 0.00 | 18.92 -0.22 0.00 | 8.59 -0.02 0.00 | 12.33 0.10 0.00 | 11.46 0.06 0.00 | 20.19 -0.01 0.00 | 7.50 -0.02 0.05 | 5.67 0.04 0.00 | 7.35 0.09 0.00 | 5.31 0.07 0.00 | 4.82 0.05 0.00 | 9.25 0.08 0.00 | 6.78 0.06 0.00 | 5.56 0.05 0.00 | 5.30 0.05 0.00 | 13.00 0.17 0.00 | 8.12 0.04 0.00 | 5.77 0.07 0.00 |
| NEG NORTH_FLCN_SEA 23793 | 14.48 0.86 0.00 | 20.97 1.14 0.00 | -6.19 -0.35 0.00 | 9.68 0.52 0.00 | 14.68 0.79 0.00 | 13.69 0.74 0.00 | -4.66 -0.26 0.00 | 20.29 1.15 0.00 | 9.19 0.58 0.00 | 13.10 0.87 0.00 | 12.27 0.86 0.00 | 21.66 1.46 0.00 | 8.18 0.59 -0.02 | 6.07 0.44 0.00 | 7.83 0.56 0.00 | 5.65 0.41 0.00 | 5.14 0.37 0.00 | 9.87 0.70 0.00 | 7.20 0.49 0.00 | 5.91 0.40 0.00 | 5.66 0.40 0.00 | 13.85 1.02 0.00 | 8.65 0.57 0.00 | 6.07 0.37 0.00 |
| NEG NORTH_KES_CHATEGAY 23792 | 13.48 -0.14 0.00 | 19.63 -0.20 0.00 | -5.77 0.07 0.00 | 9.08 -0.07 0.00 | 13.80 -0.09 0.00 | 12.87 -0.08 0.00 | -4.36 0.04 0.00 | 18.94 -0.20 0.00 | 8.57 -0.04 0.00 | 12.16 -0.07 0.00 | 11.29 -0.12 0.00 | 20.00 -0.20 0.00 | 7.49 -0.11 -0.02 | 5.55 -0.08 0.00 | 7.19 -0.07 0.00 | 5.18 -0.06 0.00 | 4.69 -0.07 0.00 | 9.04 -0.12 0.00 | 6.64 -0.08 0.00 | 5.45 -0.06 0.00 | 5.19 -0.06 0.00 | 12.79 -0.04 0.00 | 8.03 -0.04 0.00 | 5.70 -0.01 0.00 |
| NEG NORTH___ALICE_FALLS 23915 | 13.54 -0.08 0.00 | 19.73 -0.09 0.00 | -5.78 0.05 0.00 | 9.14 -0.02 0.00 | 13.90 0.00 0.00 | 12.95 -0.01 0.00 | -4.39 0.01 0.00 | 19.07 -0.07 0.00 | 8.65 0.04 0.00 | 12.26 0.03 0.00 | 11.36 -0.04 0.00 | 20.15 -0.05 0.00 | 7.53 -0.07 -0.02 | 5.57 -0.06 0.00 | 7.25 -0.02 0.00 | 5.21 -0.03 0.00 | 4.70 -0.06 0.00 | 9.08 -0.08 0.00 | 6.67 -0.04 0.00 | 5.47 -0.04 0.00 | 5.20 -0.06 0.00 | 12.85 0.02 0.00 | 8.09 0.01 0.00 | 5.73 0.03 0.00 |
| NEG NORTH___LWR_SARANAC 23913 | 13.54 -0.08 0.00 | 19.73 -0.09 0.00 | -5.78 0.05 0.00 | 9.14 -0.02 0.00 | 13.90 0.00 0.00 | 12.95 -0.01 0.00 | -4.39 0.01 0.00 | 19.07 -0.07 0.00 | 8.65 0.04 0.00 | 12.26 0.03 0.00 | 11.36 -0.04 0.00 | 20.15 -0.05 0.00 | 7.53 -0.07 -0.02 | 5.57 -0.06 0.00 | 7.25 -0.02 0.00 | 5.21 -0.03 0.00 | 4.70 -0.06 0.00 | 9.08 -0.08 0.00 | 6.67 -0.04 0.00 | 5.47 -0.04 0.00 | 5.20 -0.06 0.00 | 12.85 0.02 0.00 | 8.09 0.01 0.00 | 5.73 0.03 0.00 |
| NEG NORTH___PLATTSBURG 23628 | 13.41 -0.20 0.00 | 19.49 -0.34 0.00 | -5.71 0.13 0.00 | 9.03 -0.13 0.00 | 13.73 -0.17 0.00 | 12.79 -0.16 0.00 | -4.34 0.06 0.00 | 18.86 -0.28 0.00 | 8.54 -0.07 0.00 | 12.11 -0.12 0.00 | 11.25 -0.16 0.00 | 19.91 -0.29 0.00 | 7.45 -0.15 -0.02 | 5.51 -0.12 0.00 | 7.16 -0.10 0.00 | 5.15 -0.09 0.00 | 4.65 -0.11 0.00 | 8.98 -0.19 0.00 | 6.59 -0.13 0.00 | 5.41 -0.10 0.00 | 5.14 -0.11 0.00 | 12.70 -0.14 0.00 | 8.00 -0.08 0.00 | 5.67 -0.04 0.00 |
| NEG WEST_LEA_LOCKPORT 23791 | 12.89 -0.73 0.00 | 18.71 -1.12 0.00 | -5.61 0.22 0.00 | 8.75 -0.41 0.00 | 13.30 -0.60 0.00 | 12.45 -0.50 0.00 | -4.32 0.08 0.00 | 18.48 -0.66 0.00 | 8.11 -0.50 0.00 | 11.42 -0.82 0.00 | 10.56 -0.84 0.00 | 18.41 -1.79 0.00 | 6.94 -0.57 0.07 | 5.20 -0.43 0.00 | 6.70 -0.57 0.00 | 4.89 -0.35 0.00 | 4.46 -0.31 0.00 | 8.50 -0.66 0.00 | 6.20 -0.52 0.00 | 5.13 -0.38 0.00 | 4.92 -0.33 0.00 | 11.85 -0.98 0.00 | 7.47 -0.60 0.00 | 5.43 -0.28 0.00 |
| NEG WEST___LANCASTR 23811 | 12.99 -0.63 0.00 | 18.88 -0.94 0.00 | -5.64 0.20 0.00 | 8.79 -0.37 0.00 | 13.37 -0.53 0.00 | 12.53 -0.42 0.00 | -4.35 0.05 0.00 | 18.76 -0.38 0.00 | 8.27 -0.34 0.00 | 11.63 -0.60 0.00 | 10.81 -0.60 0.00 | 18.90 -1.30 0.00 | 7.12 -0.39 0.07 | 5.34 -0.29 0.00 | 6.87 -0.40 0.00 | 5.00 -0.24 0.00 | 4.56 -0.21 0.00 | 8.70 -0.47 0.00 | 6.34 -0.37 0.00 | 5.25 -0.26 0.00 | 5.03 -0.22 0.00 | 12.16 -0.67 0.00 | 7.65 -0.43 0.00 | 5.47 -0.23 0.00 |
| NEG_PENN_ALLEGHNY 23528 | 13.89 0.27 0.00 | 20.21 0.39 0.00 | -5.96 -0.13 0.00 | 9.31 0.15 0.00 | 14.14 0.24 0.00 | 13.21 0.26 0.00 | -4.52 -0.12 0.00 | 19.67 0.53 0.00 | 8.81 0.20 0.00 | 12.48 0.25 0.00 | 11.67 0.27 0.00 | 20.62 0.42 0.00 | 7.64 0.21 0.16 | 5.78 0.15 0.00 | 7.44 0.17 0.00 | 5.38 0.14 0.00 | 4.90 0.13 0.00 | 9.40 0.24 0.00 | 6.87 0.15 0.00 | 5.63 0.12 0.00 | 5.40 0.15 0.00 | 13.14 0.30 0.00 | 8.25 0.17 0.00 | 5.80 0.10 0.00 |
| NEPA___ENERGY 23901 | 13.00 -0.62 0.00 | 18.85 -0.98 0.00 | -5.59 0.24 0.00 | 8.75 -0.41 0.00 | 13.32 -0.58 0.00 | 12.49 -0.47 0.00 | -4.34 0.06 0.00 | 18.89 -0.25 0.00 | 8.36 -0.25 0.00 | 11.74 -0.49 0.00 | 10.96 -0.45 0.00 | 19.25 -0.95 0.00 | 7.24 -0.25 0.09 | 5.47 -0.16 0.00 | 7.05 -0.21 0.00 | 5.12 -0.12 0.00 | 4.65 -0.12 0.00 | 8.91 -0.26 0.00 | 6.48 -0.24 0.00 | 5.34 -0.17 0.00 | 5.10 -0.15 0.00 | 12.35 -0.48 0.00 | 7.80 -0.28 0.00 | 5.50 -0.21 0.00 |
| NEVERSINK___HYD 23608 | 14.01 0.39 0.00 | 21.50 1.67 0.00 | -6.29 -0.45 0.00 | 9.86 0.70 0.00 | 13.93 0.04 0.00 | 13.00 0.04 0.00 | -4.45 -0.05 0.00 | 19.40 0.26 0.00 | 8.77 0.16 0.00 | 12.52 0.29 0.00 | 11.80 0.39 0.00 | 20.90 0.70 0.00 | 9.41 0.30 -1.53 | 5.85 0.22 0.00 | 7.49 0.22 0.00 | 5.41 0.17 0.00 | 4.93 0.16 0.00 | 9.45 0.29 0.00 | 6.91 0.19 0.00 | 5.66 0.15 0.00 | 5.44 0.19 0.00 | 13.28 0.45 0.00 | 8.29 0.21 0.00 | 5.77 0.06 0.00 |
| NIAGARA____ 23760 | 13.06 -0.56 0.00 | 18.83 -1.00 0.00 | -5.66 0.18 0.00 | 8.84 -0.32 0.00 | 13.44 -0.46 0.00 | 12.53 -0.42 0.00 | -4.32 0.08 0.00 | 18.42 -0.72 0.00 | 8.07 -0.54 0.00 | 11.38 -0.85 0.00 | 10.49 -0.91 0.00 | 18.29 -1.91 0.00 | 6.89 -0.62 0.07 | 5.17 -0.46 0.00 | 6.69 -0.58 0.00 | 4.89 -0.35 0.00 | 4.46 -0.31 0.00 | 8.47 -0.70 0.00 | 6.16 -0.55 0.00 | 5.10 -0.41 0.00 | 4.88 -0.37 0.00 | 11.75 -1.09 0.00 | 7.42 -0.65 0.00 | 5.48 -0.23 0.00 |
| NINE_MILE_1 23575 | 13.13 -0.49 0.00 | 19.12 -0.71 0.00 | -5.65 0.19 0.00 | 8.85 -0.30 0.00 | 13.44 -0.46 0.00 | 12.53 -0.43 0.00 | -4.27 0.13 0.00 | 18.51 -0.63 0.00 | 8.31 -0.30 0.00 | 11.79 -0.44 0.00 | 10.99 -0.42 0.00 | 19.43 -0.77 0.00 | 7.28 -0.28 0.03 | 5.43 -0.20 0.00 | 7.01 -0.26 0.00 | 5.06 -0.18 0.00 | 4.60 -0.16 0.00 | 8.85 -0.32 0.00 | 6.48 -0.24 0.00 | 5.31 -0.20 0.00 | 5.06 -0.20 0.00 | 12.32 -0.51 0.00 | 7.78 -0.30 0.00 | 5.51 -0.19 0.00 |
| NINE_MILE_2 23744 | 13.11 -0.51 0.00 | 19.09 -0.74 0.00 | -5.64 0.20 0.00 | 8.84 -0.32 0.00 | 13.42 -0.48 0.00 | 12.50 -0.45 0.00 | -4.26 0.14 0.00 | 18.48 -0.66 0.00 | 8.29 -0.32 0.00 | 11.78 -0.46 0.00 | 10.97 -0.43 0.00 | 19.40 -0.80 0.00 | 7.27 -0.29 0.03 | 5.42 -0.21 0.00 | 7.00 -0.26 0.00 | 5.05 -0.19 0.00 | 4.60 -0.17 0.00 | 8.83 -0.33 0.00 | 6.47 -0.25 0.00 | 5.30 -0.21 0.00 | 5.05 -0.20 0.00 | 12.32 -0.51 0.00 | 7.77 -0.31 0.00 | 5.50 -0.20 0.00 |

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| NM CAPITAL___NUG 23643 | 14.14 0.52 0.00 | 20.66 0.83 0.00 | -6.03 -0.19 0.00 | 9.49 0.34 0.00 | 14.40 0.50 0.00 | 13.37 0.42 0.00 | -4.47 -0.07 0.00 | 19.57 0.43 0.00 | 8.94 0.33 0.00 | 12.76 0.53 0.00 | 11.89 0.49 0.00 | 21.23 1.03 0.00 | 8.67 0.29 -0.80 | 5.83 0.20 0.00 | 7.53 0.26 0.00 | 5.38 0.14 0.00 | 4.89 0.13 0.00 | 9.47 0.30 0.00 | 6.98 0.27 0.00 | 5.71 0.20 0.00 | 5.41 0.15 0.00 | 13.34 0.50 0.00 | 8.38 0.30 0.00 | 5.86 0.15 0.00 |
| NM CENTRAL___NUG 23634 | 13.26 -0.35 0.00 | 19.54 -0.29 0.00 | -5.77 0.06 0.00 | 9.04 -0.11 0.00 | 13.73 -0.17 0.00 | 12.80 -0.15 0.00 | -4.33 0.07 0.00 | 18.87 -0.27 0.00 | 8.52 -0.09 0.00 | 12.06 -0.17 0.00 | 11.17 -0.24 0.00 | 19.87 -0.33 0.00 | 7.40 -0.16 0.03 | 5.52 -0.11 0.00 | 7.17 -0.09 0.00 | 5.15 -0.09 0.00 | 4.67 -0.10 0.00 | 9.01 -0.15 0.00 | 6.63 -0.08 0.00 | 5.43 -0.08 0.00 | 5.15 -0.11 0.00 | 12.58 -0.26 0.00 | 7.93 -0.15 0.00 | 5.64 -0.06 0.00 |
| NM MOHAWK___NUG 23633 | 13.69 0.07 0.00 | 19.90 0.08 0.00 | -5.85 -0.02 0.00 | 9.18 0.03 0.00 | 13.94 0.04 0.00 | 12.99 0.04 0.00 | -4.41 -0.01 0.00 | 19.22 0.08 0.00 | 8.64 0.03 0.00 | 12.28 0.05 0.00 | 11.46 0.06 0.00 | 20.31 0.11 0.00 | 7.66 0.04 -0.03 | 5.66 0.03 0.00 | 7.29 0.03 0.00 | 5.27 0.02 0.00 | 4.79 0.02 0.00 | 9.21 0.04 0.00 | 6.74 0.03 0.00 | 5.53 0.02 0.00 | 5.27 0.01 0.00 | 12.83 0.00 0.00 | 8.11 0.03 0.00 | 5.71 0.01 0.00 |
| NM NORTH___NUG 24055 | 13.58 -0.04 0.00 | 19.87 0.04 0.00 | -5.85 -0.01 0.00 | 9.18 0.03 0.00 | 13.94 0.04 0.00 | 13.00 0.04 0.00 | -4.41 -0.01 0.00 | 19.10 -0.04 0.00 | 8.62 0.01 0.00 | 12.24 0.01 0.00 | 11.35 -0.05 0.00 | 20.15 -0.05 0.00 | 7.55 -0.05 -0.01 | 5.59 -0.04 0.00 | 7.24 -0.02 0.00 | 5.21 -0.03 0.00 | 4.74 -0.03 0.00 | 9.13 -0.03 0.00 | 6.71 -0.01 0.00 | 5.51 0.00 0.00 | 5.25 -0.01 0.00 | 12.83 0.00 0.00 | 8.09 0.02 0.00 | 5.75 0.05 0.00 |
| NM WEST___NUG 23774 | 13.12 -0.50 0.00 | 18.92 -0.91 0.00 | -5.68 0.16 0.00 | 8.88 -0.28 0.00 | 13.49 -0.41 0.00 | 12.58 -0.37 0.00 | -4.35 0.05 0.00 | 18.50 -0.65 0.00 | 8.12 -0.49 0.00 | 11.44 -0.79 0.00 | 10.55 -0.85 0.00 | 18.39 -1.81 0.00 | 6.93 -0.58 0.07 | 5.20 -0.43 0.00 | 6.72 -0.54 0.00 | 4.92 -0.32 0.00 | 4.49 -0.28 0.00 | 8.51 -0.65 0.00 | 6.20 -0.52 0.00 | 5.13 -0.38 0.00 | 4.90 -0.35 0.00 | 11.76 -1.07 0.00 | 7.47 -0.61 0.00 | 5.50 -0.20 0.00 |
| NM_ST_REGIS___HYD 24053 | 13.50 -0.12 0.00 | 19.87 0.04 0.00 | -5.84 0.00 0.00 | 9.17 0.02 0.00 | 13.93 0.03 0.00 | 12.99 0.04 0.00 | -4.40 0.00 0.00 | 19.07 -0.07 0.00 | 8.64 0.03 0.00 | 12.21 -0.02 0.00 | 11.28 -0.12 0.00 | 20.07 -0.13 0.00 | 7.49 -0.10 -0.01 | 5.55 -0.08 0.00 | 7.21 -0.05 0.00 | 5.19 -0.05 0.00 | 4.71 -0.05 0.00 | 9.11 -0.05 0.00 | 6.71 -0.01 0.00 | 5.50 -0.01 0.00 | 5.21 -0.05 0.00 | 12.87 0.04 0.00 | 8.08 0.00 0.00 | 5.75 0.04 0.00 |
| NORTHPORT___1 23551 | 34.02 0.90 -19.49 | 48.40 1.18 -27.40 | 37.55 -0.28 -43.67 | 47.89 0.44 -38.30 | 48.89 0.68 -34.31 | 34.82 0.62 -21.25 | 14.68 -0.22 -19.31 | 36.21 1.19 -15.88 | 37.77 0.50 -28.66 | 39.46 0.69 -26.54 | 37.83 0.76 -25.67 | 23.57 1.29 -2.08 | 27.68 0.54 -19.55 | 30.19 0.40 -24.15 | 13.32 0.46 -5.59 | 5.59 0.35 0.00 | 5.08 0.31 0.00 | 39.97 0.58 -30.23 | 40.17 0.40 -33.06 | 40.31 0.34 -34.47 | 50.21 0.36 -44.60 | 46.67 0.82 -33.02 | 16.55 0.49 -7.98 | 5.98 0.28 0.00 |
| NORTHPORT___2 23552 | 33.99 0.88 -19.49 | 48.38 1.15 -27.40 | 37.56 -0.27 -43.67 | 47.88 0.43 -38.30 | 48.87 0.66 -34.31 | 34.81 0.60 -21.25 | 14.69 -0.22 -19.31 | 36.18 1.16 -15.88 | 37.75 0.48 -28.66 | 39.41 0.63 -26.54 | 37.78 0.70 -25.67 | 23.48 1.20 -2.08 | 27.64 0.51 -19.55 | 30.16 0.38 -24.15 | 13.28 0.43 -5.59 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 39.93 0.54 -30.23 | 40.14 0.37 -33.06 | 40.29 0.31 -34.47 | 50.19 0.34 -44.60 | 46.61 0.76 -33.02 | 16.51 0.46 -7.98 | 5.96 0.26 0.00 |
| NORTHPORT___3 23553 | 33.71 0.60 -19.49 | 48.01 0.78 -27.40 | 37.63 -0.20 -43.67 | 47.75 0.30 -38.30 | 48.69 0.48 -34.31 | 34.67 0.47 -21.25 | 14.74 -0.17 -19.31 | 35.88 0.86 -15.88 | 37.60 0.33 -28.66 | 39.17 0.40 -26.54 | 37.49 0.42 -25.67 | 22.96 0.68 -2.08 | 27.45 0.32 -19.55 | 30.02 0.24 -24.15 | 13.10 0.24 -5.59 | 5.43 0.19 0.00 | 4.94 0.18 0.00 | 39.72 0.33 -30.23 | 40.00 0.23 -33.06 | 40.17 0.19 -34.47 | 50.05 0.20 -44.60 | 46.32 0.47 -33.02 | 16.32 0.26 -7.98 | 5.84 0.13 0.00 |
| NORTHPORT___4 23650 | 33.73 0.62 -19.49 | 48.04 0.81 -27.40 | 37.63 -0.20 -43.67 | 47.76 0.30 -38.30 | 48.69 0.49 -34.31 | 34.67 0.47 -21.25 | 14.74 -0.17 -19.31 | 35.90 0.89 -15.88 | 37.62 0.35 -28.66 | 39.20 0.42 -26.54 | 37.50 0.42 -25.67 | 22.97 0.69 -2.08 | 27.46 0.32 -19.55 | 30.03 0.24 -24.15 | 13.10 0.24 -5.59 | 5.43 0.19 0.00 | 4.94 0.18 0.00 | 39.72 0.33 -30.23 | 40.00 0.23 -33.06 | 40.18 0.20 -34.47 | 50.05 0.20 -44.60 | 46.33 0.48 -33.02 | 16.32 0.26 -7.98 | 5.84 0.14 0.00 |
| NORTHPORT___IC 23718 | 33.73 0.62 -19.49 | 48.04 0.81 -27.40 | 37.63 -0.20 -43.67 | 47.76 0.30 -38.30 | 48.69 0.49 -34.31 | 34.67 0.47 -21.25 | 14.74 -0.17 -19.31 | 35.90 0.89 -15.88 | 37.62 0.35 -28.66 | 39.20 0.42 -26.54 | 37.50 0.42 -25.67 | 22.97 0.69 -2.08 | 27.46 0.32 -19.55 | 30.03 0.24 -24.15 | 13.10 0.24 -5.59 | 5.43 0.19 0.00 | 4.94 0.18 0.00 | 39.72 0.33 -30.23 | 40.00 0.23 -33.06 | 40.18 0.20 -34.47 | 50.05 0.20 -44.60 | 46.33 0.48 -33.02 | 16.32 0.26 -7.98 | 5.84 0.14 0.00 |
| NSINS_S_GLNS_FALLS 23858 | 14.06 0.44 0.00 | 20.31 0.48 0.00 | -5.87 -0.03 0.00 | 9.28 0.12 0.00 | 14.06 0.17 0.00 | 13.04 0.09 0.00 | -4.38 0.02 0.00 | 19.25 0.11 0.00 | 8.87 0.26 0.00 | 12.65 0.42 0.00 | 11.85 0.45 0.00 | 21.23 1.03 0.00 | 8.64 0.27 -0.79 | 5.82 0.19 0.00 | 7.51 0.24 0.00 | 5.36 0.12 0.00 | 4.87 0.10 0.00 | 9.43 0.26 0.00 | 6.95 0.24 0.00 | 5.66 0.15 0.00 | 5.38 0.13 0.00 | 13.30 0.47 0.00 | 8.34 0.26 0.00 | 5.80 0.09 0.00 |
| NYISO_LBMP_REFERENCE 24008 | 13.62 0.00 0.00 | 19.83 0.00 0.00 | -5.84 0.00 0.00 | 9.16 0.00 0.00 | 13.90 0.00 0.00 | 12.95 0.00 0.00 | -4.40 0.00 0.00 | 19.14 0.00 0.00 | 8.61 0.00 0.00 | 12.23 0.00 0.00 | 11.40 0.00 0.00 | 20.20 0.00 0.00 | 7.58 0.00 0.00 | 5.63 0.00 0.00 | 7.26 0.00 0.00 | 5.24 0.00 0.00 | 4.77 0.00 0.00 | 9.17 0.00 0.00 | 6.72 0.00 0.00 | 5.51 0.00 0.00 | 5.25 0.00 0.00 | 12.83 0.00 0.00 | 8.08 0.00 0.00 | 5.70 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 34.03 0.92 -19.49 | 48.42 1.19 -27.40 | 37.54 -0.29 -43.67 | 47.90 0.45 -38.30 | 48.89 0.69 -34.31 | 34.83 0.63 -21.25 | 14.68 -0.23 -19.31 | 36.23 1.21 -15.88 | 37.79 0.52 -28.66 | 39.49 0.72 -26.54 | 37.86 0.79 -25.67 | 23.62 1.34 -2.08 | 27.70 0.57 -19.55 | 30.20 0.42 -24.15 | 13.33 0.48 -5.59 | 5.60 0.36 0.00 | 5.09 0.33 0.00 | 39.99 0.60 -30.23 | 40.19 0.42 -33.06 | 40.33 0.35 -34.47 | 50.22 0.37 -44.60 | 46.75 0.90 -33.02 | 16.57 0.52 -7.98 | 6.00 0.29 0.00 |
| NYPA_GOWANUS____GT1 24156 | 14.76 1.14 0.00 | 21.24 1.42 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NYPA_GOWANUS____GT2 24157 | 14.76 1.14 0.00 | 21.24 1.42 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |

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| NYPA_HARLEM__RVR_GT1 24160 | 14.87 1.25 0.00 | 21.41 1.58 0.00 | -6.26 -0.43 0.00 | 9.81 0.66 0.00 | 14.98 1.08 0.00 | 13.95 1.00 0.00 | -4.75 -0.35 0.00 | 20.96 1.82 0.00 | 9.45 0.84 0.00 | 13.47 1.24 0.00 | 12.66 1.25 0.00 | 22.39 2.19 0.00 | 10.13 0.87 -1.67 | 6.28 0.65 0.00 | 8.04 0.77 0.00 | 5.82 0.58 0.00 | 5.28 0.51 0.00 | 10.11 0.95 0.00 | 7.37 0.66 0.00 | 6.06 0.55 0.00 | 19.62 0.59 -13.78 | 41.42 1.32 -27.27 | 10.77 0.81 -1.88 | 6.19 0.49 0.00 |
| NYPA_HARLEM__RVR_GT2 24161 | 14.87 1.25 0.00 | 21.41 1.58 0.00 | -6.26 -0.43 0.00 | 9.81 0.66 0.00 | 14.98 1.08 0.00 | 13.95 1.00 0.00 | -4.75 -0.35 0.00 | 20.96 1.82 0.00 | 9.45 0.84 0.00 | 13.47 1.24 0.00 | 12.66 1.25 0.00 | 22.39 2.19 0.00 | 10.13 0.87 -1.67 | 6.28 0.65 0.00 | 8.04 0.77 0.00 | 5.82 0.58 0.00 | 5.28 0.51 0.00 | 10.11 0.95 0.00 | 7.37 0.66 0.00 | 6.06 0.55 0.00 | 19.62 0.59 -13.78 | 41.42 1.32 -27.27 | 10.77 0.81 -1.88 | 6.19 0.49 0.00 |
| NYPA_KENT____GT 24152 | 14.76 1.14 0.00 | 21.24 1.42 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |
| NYPA_POUCH1____GT 24155 | 14.69 1.08 0.00 | 21.15 1.33 0.00 | -6.18 -0.34 0.00 | 9.67 0.52 0.00 | 14.70 0.80 0.00 | 13.71 0.76 0.00 | -4.67 -0.27 0.00 | 20.56 1.42 0.00 | 9.25 0.64 0.00 | 13.16 0.93 0.00 | 12.39 0.99 0.00 | 21.97 1.77 0.00 | 9.98 0.73 -1.67 | 6.17 0.54 0.00 | 7.91 0.64 0.00 | 5.72 0.48 0.00 | 5.20 0.43 0.00 | 9.96 0.79 0.00 | 7.26 0.55 0.00 | 5.97 0.46 0.00 | 19.53 0.50 -13.78 | 41.14 1.04 -27.27 | 10.62 0.67 -1.88 | 6.10 0.39 0.00 |
| NYPA_VERNON____GT1 24162 | 14.71 1.09 0.00 | 21.18 1.35 0.00 | -6.19 -0.35 0.00 | 9.69 0.54 0.00 | 14.74 0.85 0.00 | 13.75 0.80 0.00 | -4.68 -0.28 0.00 | 20.64 1.49 0.00 | 9.30 0.69 0.00 | 13.24 1.01 0.00 | 12.46 1.06 0.00 | 22.07 1.87 0.00 | 10.01 0.76 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.74 0.50 0.00 | 5.21 0.44 0.00 | 9.97 0.81 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.20 1.10 -27.27 | 10.64 0.69 -1.88 | 6.11 0.40 0.00 |
| NYPA_VERNON____GT2 24163 | 14.71 1.09 0.00 | 21.18 1.35 0.00 | -6.19 -0.35 0.00 | 9.69 0.54 0.00 | 14.74 0.85 0.00 | 13.75 0.80 0.00 | -4.68 -0.28 0.00 | 20.64 1.49 0.00 | 9.30 0.69 0.00 | 13.24 1.01 0.00 | 12.46 1.06 0.00 | 22.07 1.87 0.00 | 10.01 0.76 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.74 0.50 0.00 | 5.21 0.44 0.00 | 9.97 0.81 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.20 1.10 -27.27 | 10.64 0.69 -1.88 | 6.11 0.40 0.00 |
| NYPA__HOLTSVILL 23794 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.73 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.28 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.76 1.48 -2.08 | 27.75 0.62 -19.55 | 30.24 0.45 -24.15 | 13.39 0.53 -5.59 | 5.64 0.40 0.00 | 5.12 0.36 0.00 | 40.05 0.66 -30.23 | 40.23 0.46 -33.06 | 40.36 0.39 -34.47 | 50.26 0.41 -44.60 | 46.80 0.95 -33.02 | 16.63 0.57 -7.98 | 6.03 0.32 0.00 |
| NYPA__HELLGATE_GT1 24158 | 14.87 1.25 0.00 | 21.41 1.58 0.00 | -6.26 -0.43 0.00 | 9.81 0.66 0.00 | 14.98 1.08 0.00 | 13.95 1.00 0.00 | -4.75 -0.35 0.00 | 20.96 1.82 0.00 | 9.45 0.84 0.00 | 13.47 1.24 0.00 | 12.66 1.25 0.00 | 22.39 2.19 0.00 | 10.13 0.87 -1.67 | 6.28 0.65 0.00 | 8.04 0.77 0.00 | 5.82 0.58 0.00 | 5.28 0.51 0.00 | 10.11 0.95 0.00 | 7.37 0.66 0.00 | 6.06 0.55 0.00 | 19.62 0.59 -13.78 | 41.42 1.32 -27.27 | 10.77 0.81 -1.88 | 6.19 0.49 0.00 |
| NYPA__HELLGATE_GT2 24159 | 14.87 1.25 0.00 | 21.41 1.58 0.00 | -6.26 -0.43 0.00 | 9.81 0.66 0.00 | 14.98 1.08 0.00 | 13.95 1.00 0.00 | -4.75 -0.35 0.00 | 20.96 1.82 0.00 | 9.45 0.84 0.00 | 13.47 1.24 0.00 | 12.66 1.25 0.00 | 22.39 2.19 0.00 | 10.13 0.87 -1.67 | 6.28 0.65 0.00 | 8.04 0.77 0.00 | 5.82 0.58 0.00 | 5.28 0.51 0.00 | 10.11 0.95 0.00 | 7.37 0.66 0.00 | 6.06 0.55 0.00 | 19.62 0.59 -13.78 | 41.42 1.32 -27.27 | 10.77 0.81 -1.88 | 6.19 0.49 0.00 |
| O.H_GEN_BRUCE 24063 | 13.23 -0.39 0.00 | 19.11 -0.71 0.00 | -5.72 0.12 0.00 | 8.93 -0.22 0.00 | 13.58 -0.32 0.00 | 12.67 -0.28 0.00 | -4.37 0.03 0.00 | 21.76 -0.43 -3.06 | 17.99 -0.37 -9.75 | 18.98 -0.60 -7.35 | 11.08 -0.64 -0.32 | 19.98 -1.38 -1.16 | 7.18 -0.43 -0.03 | 5.32 -0.31 0.00 | 6.88 -0.39 0.00 | 5.02 -0.22 0.00 | 4.58 -0.19 0.00 | 8.71 -0.45 0.00 | 6.34 -0.37 0.00 | 17.35 -0.29 -12.13 | 5.18 -0.25 -0.18 | 20.80 -0.78 -8.74 | 18.51 -0.46 -10.90 | 5.75 -0.16 -0.21 |
| OAK_ORCHARD__HYD 24046 | 13.18 -0.43 0.00 | 19.03 -0.79 0.00 | -5.70 0.14 0.00 | 8.91 -0.24 0.00 | 13.54 -0.36 0.00 | 12.62 -0.34 0.00 | -4.34 0.06 0.00 | 18.54 -0.60 0.00 | 8.18 -0.43 0.00 | 11.59 -0.64 0.00 | 10.74 -0.67 0.00 | 18.78 -1.42 0.00 | 7.06 -0.46 0.05 | 5.30 -0.34 0.00 | 6.85 -0.41 0.00 | 5.00 -0.24 0.00 | 4.55 -0.22 0.00 | 8.66 -0.50 0.00 | 6.32 -0.39 0.00 | 5.21 -0.30 0.00 | 4.99 -0.27 0.00 | 12.02 -0.81 0.00 | 7.62 -0.46 0.00 | 5.54 -0.17 0.00 |
| ONONDAGA_REF_OCCRA 23987 | 13.41 -0.21 0.00 | 19.62 -0.21 0.00 | -5.80 0.03 0.00 | 9.09 -0.07 0.00 | 13.80 -0.10 0.00 | 12.87 -0.08 0.00 | -4.37 0.03 0.00 | 19.01 -0.13 0.00 | 8.55 -0.06 0.00 | 12.12 -0.11 0.00 | 11.26 -0.14 0.00 | 19.94 -0.26 0.00 | 7.44 -0.11 0.04 | 5.56 -0.07 0.00 | 7.20 -0.06 0.00 | 5.19 -0.05 0.00 | 4.72 -0.05 0.00 | 9.08 -0.09 0.00 | 6.66 -0.06 0.00 | 5.46 -0.06 0.00 | 5.20 -0.06 0.00 | 12.70 -0.13 0.00 | 7.98 -0.10 0.00 | 5.66 -0.04 0.00 |
| ONONDAGA__COGEN 23986 | 13.32 -0.30 0.00 | 19.45 -0.38 0.00 | -5.76 0.08 0.00 | 9.02 -0.14 0.00 | 13.70 -0.20 0.00 | 12.77 -0.18 0.00 | -4.35 0.05 0.00 | 18.87 -0.27 0.00 | 8.47 -0.14 0.00 | 12.01 -0.22 0.00 | 11.16 -0.24 0.00 | 19.74 -0.46 0.00 | 7.37 -0.17 0.04 | 5.52 -0.11 0.00 | 7.14 -0.13 0.00 | 5.16 -0.09 0.00 | 4.69 -0.08 0.00 | 9.01 -0.16 0.00 | 6.60 -0.12 0.00 | 5.41 -0.10 0.00 | 5.15 -0.10 0.00 | 12.58 -0.26 0.00 | 7.91 -0.17 0.00 | 5.62 -0.09 0.00 |
| OSWEGATCHIE__HYD 24044 | 13.43 -0.19 0.00 | 19.89 0.07 0.00 | -5.86 -0.02 0.00 | 9.19 0.03 0.00 | 13.95 0.05 0.00 | 13.01 0.05 0.00 | -4.38 0.02 0.00 | 19.09 -0.05 0.00 | 8.67 0.06 0.00 | 12.23 0.00 0.00 | 11.28 -0.12 0.00 | 20.14 -0.06 0.00 | 7.50 -0.09 -0.01 | 5.56 -0.07 0.00 | 7.25 -0.02 0.00 | 5.20 -0.04 0.00 | 4.71 -0.06 0.00 | 9.13 -0.03 0.00 | 6.74 0.02 0.00 | 5.51 0.00 0.00 | 5.20 -0.05 0.00 | 12.83 0.00 0.00 | 8.07 -0.01 0.00 | 5.75 0.04 0.00 |
| OSWEGO__5 23606 | 13.24 -0.38 0.00 | 19.29 -0.54 0.00 | -5.70 0.14 0.00 | 8.93 -0.22 0.00 | 13.56 -0.34 0.00 | 12.64 -0.31 0.00 | -4.30 0.10 0.00 | 18.68 -0.46 0.00 | 8.38 -0.23 0.00 | 11.90 -0.33 0.00 | 11.08 -0.32 0.00 | 19.61 -0.59 0.00 | 7.34 -0.22 0.03 | 5.47 -0.16 0.00 | 7.07 -0.19 0.00 | 5.11 -0.13 0.00 | 4.64 -0.12 0.00 | 8.92 -0.24 0.00 | 6.54 -0.18 0.00 | 5.36 -0.15 0.00 | 5.11 -0.15 0.00 | 12.45 -0.38 0.00 | 7.85 -0.23 0.00 | 5.56 -0.14 0.00 |
| OSWEGO__6 23613 | 13.23 -0.38 0.00 | 19.29 -0.54 0.00 | -5.70 0.14 0.00 | 8.93 -0.23 0.00 | 13.56 -0.34 0.00 | 12.64 -0.32 0.00 | -4.30 0.10 0.00 | 18.67 -0.47 0.00 | 8.38 -0.23 0.00 | 11.90 -0.33 0.00 | 11.08 -0.32 0.00 | 19.60 -0.60 0.00 | 7.33 -0.22 0.03 | 5.47 -0.16 0.00 | 7.07 -0.19 0.00 | 5.11 -0.13 0.00 | 4.64 -0.12 0.00 | 8.92 -0.24 0.00 | 6.53 -0.18 0.00 | 5.36 -0.15 0.00 | 5.11 -0.15 0.00 | 12.45 -0.38 0.00 | 7.85 -0.23 0.00 | 5.56 -0.14 0.00 |

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| OXBOW____ 24026 | 13.19 -0.43 0.00 | 19.02 -0.81 0.00 | -5.70 0.13 0.00 | 8.91 -0.24 0.00 | 13.55 -0.35 0.00 | 12.63 -0.32 0.00 | -4.36 0.04 0.00 | 18.59 -0.55 0.00 | 8.17 -0.44 0.00 | 11.54 -0.69 0.00 | 10.65 -0.75 0.00 | 18.58 -1.62 0.00 | 7.00 -0.52 0.07 | 5.26 -0.37 0.00 | 6.80 -0.47 0.00 | 4.97 -0.27 0.00 | 4.53 -0.24 0.00 | 8.60 -0.57 0.00 | 6.27 -0.45 0.00 | 5.17 -0.34 0.00 | 4.95 -0.30 0.00 | 11.90 -0.93 0.00 | 7.54 -0.54 0.00 | 5.53 -0.17 0.00 |
| PEEKSKILL____ 23653 | 14.37 0.75 0.00 | 20.71 0.88 0.00 | -6.06 -0.22 0.00 | 9.48 0.33 0.00 | 14.40 0.50 0.00 | 13.44 0.48 0.00 | -4.59 -0.18 0.00 | 20.13 0.99 0.00 | 9.05 0.44 0.00 | 12.85 0.62 0.00 | 12.08 0.68 0.00 | 21.40 1.20 0.00 | 9.78 0.51 -1.69 | 6.01 0.38 0.00 | 7.69 0.43 0.00 | 5.57 0.32 0.00 | 5.06 0.29 0.00 | 9.70 0.54 0.00 | 7.08 0.37 0.00 | 5.82 0.31 0.00 | 19.37 0.34 -13.78 | 40.85 0.75 -27.27 | 10.41 0.45 -1.88 | 5.95 0.25 0.00 |
| PGE MADISON____WINDPWR 24146 | 14.54 0.92 0.00 | 21.05 1.23 0.00 | -6.21 -0.38 0.00 | 9.72 0.56 0.00 | 14.75 0.85 0.00 | 13.75 0.80 0.00 | -4.69 -0.29 0.00 | 20.38 1.24 0.00 | 9.23 0.62 0.00 | 13.16 0.93 0.00 | 12.31 0.91 0.00 | 21.73 1.53 0.13 | 8.06 0.61 0.00 | 6.09 0.46 0.00 | 7.85 0.59 0.00 | 5.67 0.43 0.00 | 5.16 0.39 0.00 | 9.90 0.73 0.00 | 7.22 0.50 0.00 | 5.92 0.41 0.00 | 5.67 0.41 0.00 | 13.85 1.02 0.00 | 8.68 0.60 0.00 | 6.10 0.39 0.00 |
| PJM_GEN_KEystone 24065 | 13.05 -0.57 0.00 | 18.93 -0.90 0.00 | -5.62 0.22 0.00 | 8.78 -0.38 0.00 | 13.35 -0.55 0.00 | 12.48 -0.47 0.00 | -4.30 0.10 0.00 | 22.01 -0.52 -3.39 | 18.40 -0.34 -10.14 | 19.34 -0.56 -7.67 | 11.19 -0.53 -0.32 | 20.86 -1.10 -1.76 | 7.28 -0.33 -0.03 | 5.39 -0.24 0.00 | 6.95 -0.32 0.00 | 5.05 -0.19 0.00 | 4.60 -0.17 0.00 | 8.79 -0.37 0.00 | 6.41 -0.31 0.00 | 18.58 -0.24 -13.31 | 5.24 -0.21 -0.20 | 21.69 -0.63 -9.49 | 19.63 -0.39 -11.94 | 5.70 -0.22 -0.22 |
| PLEASANTVLY____LBMP 24000 | 14.15 0.53 0.00 | 20.44 0.61 0.00 | -5.99 -0.15 0.00 | 9.39 0.24 0.00 | 14.26 0.36 0.00 | 13.31 0.35 0.00 | -4.53 -0.13 0.00 | 19.85 0.71 0.00 | 8.91 0.30 0.00 | 12.66 0.43 0.00 | 11.88 0.48 0.00 | 21.03 0.83 0.00 | 9.40 0.35 -1.47 | 5.89 0.26 0.00 | 7.55 0.29 0.00 | 5.46 0.22 0.00 | 4.96 0.20 0.00 | 9.53 0.36 0.00 | 6.96 0.25 0.00 | 5.72 0.21 0.00 | 5.48 0.23 0.00 | 13.32 0.48 0.00 | 8.38 0.31 0.00 | 5.87 0.17 0.00 |
| POLETTI____ 23519 | 14.57 0.95 0.00 | 20.98 1.15 0.00 | -6.13 -0.30 0.00 | 9.60 0.44 0.00 | 14.57 0.68 0.00 | 13.60 0.64 0.00 | -4.63 -0.23 0.00 | 20.37 1.23 0.00 | 9.17 0.56 0.00 | 13.04 0.81 0.00 | 12.28 0.87 0.00 | 21.75 1.55 0.00 | 9.89 0.64 -1.67 | 6.11 0.48 0.00 | 7.82 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.37 0.00 | 9.85 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.58 -1.88 | 6.04 0.33 0.00 |
| PORT_JEFF_3 23555 | 34.03 0.92 -19.49 | 48.55 1.33 -27.40 | 37.51 -0.32 -43.67 | 47.95 0.50 -38.30 | 48.97 0.76 -34.31 | 34.91 0.70 -21.25 | 14.65 -0.26 -19.31 | 36.34 1.33 -15.88 | 37.86 0.59 -28.66 | 39.62 0.84 -26.54 | 37.99 0.92 -25.67 | 23.83 1.55 -2.08 | 27.78 0.64 -19.55 | 30.26 0.48 -24.15 | 13.41 0.56 -5.59 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 40.09 0.69 -30.23 | 40.26 0.48 -33.06 | 40.39 0.41 -34.47 | 50.28 0.42 -44.60 | 46.89 1.04 -33.02 | 16.66 0.60 -7.98 | 6.05 0.34 0.00 |
| PORT_JEFF_4 23616 | 34.11 1.00 -19.49 | 48.54 1.31 -27.40 | 37.51 -0.31 -43.67 | 47.95 0.49 -38.30 | 48.96 0.75 -34.31 | 34.90 0.69 -21.25 | 14.66 -0.24 -19.31 | 36.33 1.31 -15.88 | 37.85 0.58 -28.66 | 39.61 0.83 -26.54 | 37.98 0.91 -25.67 | 23.81 1.53 -2.08 | 27.77 0.64 -19.55 | 30.25 0.47 -24.15 | 13.40 0.55 -5.59 | 5.65 0.41 0.00 | 5.14 0.37 0.00 | 40.08 0.69 -30.23 | 40.25 0.48 -33.06 | 40.38 0.40 -34.47 | 50.27 0.42 -44.60 | 46.89 1.04 -33.02 | 16.65 0.59 -7.98 | 6.04 0.34 0.00 |
| PORT_JEFF_IC 23713 | 34.06 0.95 -19.49 | 48.56 1.34 -27.40 | 37.51 -0.32 -43.67 | 47.96 0.50 -38.30 | 48.97 0.77 -34.31 | 34.91 0.71 -21.25 | 14.65 -0.26 -19.31 | 36.35 1.34 -15.88 | 37.86 0.59 -28.66 | 39.63 0.85 -26.54 | 38.00 0.93 -25.67 | 23.85 1.56 -2.08 | 27.78 0.65 -19.55 | 30.26 0.48 -24.15 | 13.42 0.56 -5.59 | 5.66 0.42 0.00 | 5.15 0.38 0.00 | 40.09 0.70 -30.23 | 40.26 0.49 -33.06 | 40.39 0.41 -34.47 | 50.28 0.43 -44.60 | 46.89 1.04 -33.02 | 16.66 0.61 -7.98 | 6.05 0.35 0.00 |
| PROJECT____ORANGE 23990 | 13.44 -0.18 0.00 | 19.66 -0.17 0.00 | -5.81 0.03 0.00 | 9.10 -0.05 0.00 | 13.82 -0.08 0.00 | 12.89 -0.07 0.00 | -4.37 0.03 0.00 | 19.04 -0.10 0.00 | 8.55 -0.06 0.00 | 12.13 -0.10 0.00 | 11.27 -0.13 0.00 | 19.97 -0.23 0.00 | 7.45 -0.09 0.03 | 5.57 -0.06 0.00 | 7.21 -0.05 0.00 | 5.20 -0.04 0.00 | 4.72 -0.04 0.00 | 9.09 -0.08 0.00 | 6.66 -0.05 0.00 | 5.46 -0.05 0.00 | 5.20 -0.06 0.00 | 12.70 -0.13 0.00 | 7.99 -0.09 0.00 | 5.67 -0.04 0.00 |
| PYRITES____HYD 24023 | 13.86 0.25 0.00 | 20.59 0.77 0.00 | -6.06 -0.22 0.00 | 9.51 0.35 0.00 | 14.43 0.53 0.00 | 13.46 0.51 0.00 | -4.54 -0.14 0.00 | 19.70 0.56 0.00 | 8.96 0.35 0.00 | 12.65 0.41 0.00 | 11.62 0.22 0.00 | 20.76 0.56 0.00 | 7.70 0.11 -0.01 | 5.71 0.08 0.00 | 7.46 0.20 0.00 | 5.35 0.11 0.00 | 4.85 0.08 0.00 | 9.41 0.24 0.00 | 6.95 0.23 0.00 | 5.69 0.18 0.00 | 5.37 0.11 0.00 | 13.33 0.50 0.00 | 8.34 0.26 0.00 | 5.95 0.25 0.00 |
| RANKINE____ 23646 | 13.35 -0.26 0.00 | 19.26 -0.57 0.00 | -5.76 0.07 0.00 | 9.01 -0.14 0.00 | 13.71 -0.19 0.00 | 12.79 -0.16 0.00 | -4.41 -0.01 0.00 | 18.91 -0.23 0.00 | 8.34 -0.27 0.00 | 11.78 -0.45 0.00 | 10.91 -0.50 0.00 | 19.06 -1.14 0.00 | 7.18 -0.33 0.07 | 5.39 -0.24 0.00 | 6.97 -0.30 0.00 | 5.09 -0.15 0.00 | 4.63 -0.14 0.00 | 8.81 -0.35 0.00 | 6.42 -0.29 0.00 | 5.30 -0.21 0.00 | 5.07 -0.19 0.00 | 12.24 -0.60 0.00 | 7.72 -0.36 0.00 | 5.61 -0.09 0.00 |
| RAVENS GT4-7____ 23728 | 14.70 1.08 0.00 | 21.16 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.83 0.00 | 13.74 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.22 0.99 0.00 | 12.45 1.04 0.00 | 22.04 1.84 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.92 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.55 0.00 | 5.97 0.46 0.00 | 19.53 0.50 -13.78 | 41.14 1.04 -27.27 | 10.63 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWD GT2____ 23730 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWD GT3____ 23733 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT2_1 24244 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |

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|---|-----------------------|-----------------------|------------------------|----------------------|-----------------------|-----------------------|------------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|-------------------------|------------------------|----------------------|
| RAVENSWOOD_GT2_2 24245 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT2_3 24246 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT2_4 24247 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT3_1 24248 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT3_2 24249 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT3_3 24250 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT3_4 24251 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT_1 23729 | 14.58 0.96 0.00 | 20.99 1.17 0.00 | -6.14 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.65 0.00 | -4.63 -0.23 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.88 0.00 | 21.77 1.57 0.00 | 9.89 0.64 -1.67 | 6.11 0.48 0.00 | 7.82 0.55 0.00 | 5.66 0.41 0.00 | 5.14 0.37 0.00 | 9.85 0.69 0.00 | 7.19 0.47 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.58 -1.88 | 6.04 0.33 0.00 |
| RAVENSWOOD_GT_10 24258 | 14.70 1.09 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.05 1.85 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWOOD_GT_11 24259 | 14.70 1.09 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.05 1.85 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWOOD_GT_4 24252 | 14.70 1.08 0.00 | 21.16 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.83 0.00 | 13.74 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.22 0.99 0.00 | 12.45 1.04 0.00 | 22.04 1.84 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.92 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.55 0.00 | 5.97 0.46 0.00 | 19.53 0.50 -13.78 | 41.14 1.04 -27.27 | 10.63 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWOOD_GT_5 24254 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT_6 24253 | 14.70 1.08 0.00 | 21.16 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.83 0.00 | 13.74 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.22 0.99 0.00 | 12.45 1.04 0.00 | 22.04 1.84 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.92 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.55 0.00 | 5.97 0.46 0.00 | 19.53 0.50 -13.78 | 41.14 1.04 -27.27 | 10.63 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWOOD_GT_7 24255 | 14.58 0.96 0.00 | 21.00 1.17 0.00 | -6.13 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.66 0.00 | -4.64 -0.24 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.89 0.00 | 21.77 1.57 0.00 | 9.90 0.65 -1.67 | 6.11 0.48 0.00 | 7.83 0.56 0.00 | 5.66 0.42 0.00 | 5.14 0.38 0.00 | 9.86 0.69 0.00 | 7.19 0.48 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.59 -1.88 | 6.04 0.34 0.00 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 14.70 1.09 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.05 1.85 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |
| RAVENSWOOD_GT_9 24257 | 14.70 1.09 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.05 1.85 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |

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|-----------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|
| RAVENSWOOD___1 23533 | 14.69 1.07 0.00 | 21.15 1.32 0.00 | -6.18 -0.34 0.00 | 9.68 0.52 0.00 | 14.72 0.82 0.00 | 13.73 0.78 0.00 | -4.67 -0.27 0.00 | 20.60 1.46 0.00 | 9.28 0.67 0.00 | 13.22 0.98 0.00 | 12.43 1.03 0.00 | 22.00 1.80 0.00 | 9.98 0.73 -1.67 | 6.17 0.54 0.00 | 7.90 0.64 0.00 | 5.72 0.47 0.00 | 5.18 0.42 0.00 | 9.93 0.76 0.00 | 7.23 0.52 0.00 | 5.94 0.43 0.00 | 19.49 0.46 -13.78 | 41.14 1.04 -27.27 | 10.59 0.64 -1.88 | 6.07 0.37 0.00 |
| RAVENSWOOD___2 23534 | 14.71 1.09 0.00 | 21.17 1.35 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.74 0.84 0.00 | 13.75 0.80 0.00 | -4.68 -0.28 0.00 | 20.63 1.49 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.06 1.86 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.21 0.44 0.00 | 9.97 0.81 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.11 0.40 0.00 |
| RAVENSWOOD___3 23535 | 14.58 0.96 0.00 | 20.99 1.17 0.00 | -6.14 -0.30 0.00 | 9.60 0.45 0.00 | 14.58 0.69 0.00 | 13.61 0.65 0.00 | -4.63 -0.23 0.00 | 20.39 1.25 0.00 | 9.18 0.57 0.00 | 13.05 0.82 0.00 | 12.29 0.88 0.00 | 21.77 1.57 0.00 | 9.89 0.64 -1.67 | 6.11 0.48 0.00 | 7.82 0.55 0.00 | 5.66 0.41 0.00 | 5.14 0.37 0.00 | 9.85 0.69 0.00 | 7.19 0.47 0.00 | 5.91 0.40 0.00 | 19.47 0.44 -13.78 | 41.00 0.90 -27.27 | 10.54 0.58 -1.88 | 6.04 0.33 0.00 |
| RAVNSWD 8-11____ 23667 | 14.70 1.09 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.62 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.45 1.05 0.00 | 22.05 1.85 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.20 0.44 0.00 | 9.97 0.80 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |
| RENSSELAER___COGEN 23796 | 14.14 0.53 0.00 | 20.75 0.92 0.00 | -6.06 -0.23 0.00 | 9.54 0.38 0.00 | 14.47 0.58 0.00 | 13.46 0.51 0.00 | -4.51 -0.11 0.00 | 19.69 0.54 0.00 | 8.98 0.37 0.00 | 12.82 0.59 0.00 | 11.94 0.54 0.00 | 21.31 1.11 0.00 | 8.73 0.33 -0.82 | 5.86 0.23 0.00 | 7.58 0.31 0.00 | 5.42 0.18 0.00 | 4.93 0.16 0.00 | 9.54 0.37 0.00 | 7.03 0.31 0.00 | 5.74 0.23 0.00 | 5.45 0.19 0.00 | 13.47 0.63 0.00 | 8.44 0.36 0.00 | 5.91 0.21 0.00 |
| ROCHESTER_9_IC 23652 | 13.31 -0.31 0.00 | 19.52 -0.31 0.00 | -5.84 0.00 0.00 | 9.17 0.01 0.00 | 13.91 0.01 0.00 | 12.92 -0.03 0.00 | -4.36 0.04 0.00 | 18.78 -0.36 0.00 | 8.49 -0.12 0.00 | 12.12 -0.11 0.00 | 11.20 -0.20 0.00 | 19.83 -0.37 0.00 | 7.33 -0.20 0.05 | 5.49 -0.14 0.00 | 7.18 -0.09 0.00 | 5.17 -0.08 0.00 | 4.69 -0.08 0.00 | 9.03 -0.13 0.00 | 6.64 -0.08 0.00 | 5.42 -0.09 0.00 | 5.14 -0.11 0.00 | 12.59 -0.24 0.00 | 7.95 -0.13 0.00 | 5.71 0.01 0.00 |
| ROSETON___1 23587 | 14.29 0.68 0.00 | 20.60 0.78 0.00 | -6.03 -0.20 0.00 | 9.45 0.30 0.00 | 14.38 0.49 0.00 | 13.42 0.47 0.00 | -4.58 -0.18 0.00 | 20.04 0.90 0.00 | 9.00 0.39 0.00 | 12.77 0.54 0.00 | 12.00 0.60 0.00 | 21.26 1.06 0.00 | 9.71 0.44 -1.69 | 5.96 0.33 0.00 | 7.64 0.37 0.00 | 5.52 0.28 0.00 | 5.02 0.25 0.00 | 9.63 0.47 0.00 | 7.03 0.32 0.00 | 5.77 0.26 0.00 | 5.55 0.30 0.00 | 13.47 0.64 0.00 | 8.47 0.39 0.00 | 5.92 0.22 0.00 |
| ROSETON___2 23588 | 14.29 0.68 0.00 | 20.61 0.78 0.00 | -6.03 -0.20 0.00 | 9.45 0.30 0.00 | 14.38 0.49 0.00 | 13.42 0.47 0.00 | -4.58 -0.18 0.00 | 20.04 0.90 0.00 | 9.00 0.39 0.00 | 12.77 0.54 0.00 | 12.00 0.60 0.00 | 21.26 1.06 0.00 | 9.71 0.44 -1.69 | 5.96 0.33 0.00 | 7.64 0.37 0.00 | 5.52 0.28 0.00 | 5.02 0.25 0.00 | 9.63 0.47 0.00 | 7.03 0.32 0.00 | 5.77 0.26 0.00 | 5.55 0.30 0.00 | 13.47 0.64 0.00 | 8.47 0.39 0.00 | 5.92 0.22 0.00 |
| RUSSELL___STATION 23914 | 13.13 -0.48 0.00 | 19.24 -0.58 0.00 | -5.80 0.04 0.00 | 9.11 -0.05 0.00 | 13.82 -0.08 0.00 | 12.82 -0.13 0.00 | -4.33 0.07 0.00 | 18.65 -0.50 0.00 | 8.43 -0.18 0.00 | 12.05 -0.19 0.00 | 11.15 -0.25 0.00 | 19.71 -0.49 0.00 | 7.27 -0.25 0.05 | 5.45 -0.18 0.00 | 7.12 -0.14 0.00 | 5.13 -0.12 0.00 | 4.65 -0.12 0.00 | 8.96 -0.20 0.00 | 6.59 -0.13 0.00 | 5.38 -0.13 0.00 | 5.10 -0.16 0.00 | 12.58 -0.25 0.00 | 7.89 -0.19 0.00 | 5.66 -0.04 0.00 |
| S SALMON___HYD 24043 | 13.26 -0.35 0.00 | 19.54 -0.29 0.00 | -5.77 0.06 0.00 | 9.04 -0.11 0.00 | 13.73 -0.17 0.00 | 12.80 -0.15 0.00 | -4.33 0.07 0.00 | 18.87 -0.27 0.00 | 8.52 -0.09 0.00 | 12.06 -0.17 0.00 | 11.17 -0.24 0.00 | 19.87 -0.33 0.00 | 7.40 -0.16 0.03 | 5.52 -0.11 0.00 | 7.17 -0.09 0.00 | 5.15 -0.09 0.00 | 4.67 -0.10 0.00 | 9.01 -0.15 0.00 | 6.63 -0.08 0.00 | 5.43 -0.08 0.00 | 5.15 -0.11 0.00 | 12.58 -0.26 0.00 | 7.93 -0.15 0.00 | 5.64 -0.06 0.00 |
| SELKIRK___II 23799 | 13.84 0.23 0.00 | 20.35 0.52 0.00 | -5.95 -0.12 0.00 | 9.36 0.21 0.00 | 14.20 0.30 0.00 | 13.21 0.26 0.00 | -4.43 -0.02 0.00 | 19.30 0.16 0.00 | 8.80 0.19 0.00 | 12.56 0.33 0.00 | 11.69 0.28 0.00 | 20.85 0.65 0.00 | 8.55 0.16 -0.81 | 5.74 0.11 0.00 | 7.42 0.16 0.00 | 5.31 0.07 0.00 | 4.83 0.06 0.00 | 9.34 0.18 0.00 | 6.88 0.17 0.00 | 5.62 0.11 0.00 | 5.34 0.08 0.00 | 13.19 0.36 0.00 | 8.27 0.19 0.00 | 5.80 0.10 0.00 |
| SELKIRK___I 23801 | 13.86 0.24 0.00 | 20.37 0.54 0.00 | -5.95 -0.12 0.00 | 9.37 0.21 0.00 | 14.20 0.31 0.00 | 13.22 0.26 0.00 | -4.43 -0.03 0.00 | 19.33 0.19 0.00 | 8.81 0.20 0.00 | 12.57 0.34 0.00 | 11.70 0.30 0.00 | 20.89 0.69 0.00 | 8.57 0.18 -0.81 | 5.75 0.12 0.00 | 7.44 0.18 0.00 | 5.33 0.08 0.00 | 4.84 0.07 0.00 | 9.36 0.20 0.00 | 6.90 0.18 0.00 | 5.64 0.13 0.00 | 5.37 0.11 0.00 | 13.20 0.37 0.00 | 8.28 0.20 0.00 | 5.81 0.11 0.00 |
| SENECA OSWGO___HYD 24041 | 13.22 -0.40 0.00 | 19.34 -0.49 0.00 | -5.71 0.12 0.00 | 8.95 -0.20 0.00 | 13.59 -0.31 0.00 | 12.67 -0.28 0.00 | -4.31 0.09 0.00 | 18.71 -0.43 0.00 | 8.41 -0.20 0.00 | 11.93 -0.30 0.00 | 11.09 -0.32 0.00 | 19.65 -0.55 0.00 | 7.34 -0.21 0.03 | 5.48 -0.15 0.00 | 7.09 -0.17 0.00 | 5.11 -0.13 0.00 | 4.64 -0.12 0.00 | 8.94 -0.23 0.00 | 6.56 -0.16 0.00 | 5.37 -0.14 0.00 | 5.11 -0.15 0.00 | 12.45 -0.38 0.00 | 7.86 -0.22 0.00 | 5.58 -0.13 0.00 |
| SENECA___ENERGY 23797 | 13.29 -0.33 0.00 | 19.30 -0.53 0.00 | -5.74 0.09 0.00 | 8.96 -0.19 0.00 | 13.60 -0.30 0.00 | 12.68 -0.27 0.00 | -4.34 0.06 0.00 | 18.67 -0.47 0.00 | 8.41 -0.20 0.00 | 11.97 -0.26 0.00 | 11.15 -0.25 0.00 | 19.69 -0.51 0.00 | 7.36 -0.17 0.06 | 5.50 -0.13 0.00 | 7.14 -0.13 0.00 | 5.16 -0.08 0.00 | 4.69 -0.07 0.00 | 9.02 -0.14 0.00 | 6.60 -0.12 0.00 | 5.40 -0.11 0.00 | 5.17 -0.09 0.00 | 12.57 -0.26 0.00 | 7.90 -0.18 0.00 | 5.62 -0.09 0.00 |
| SHOEMAKER___GT 23640 | 14.17 0.55 0.00 | 20.47 0.64 0.00 | -6.00 -0.16 0.00 | 9.40 0.24 0.00 | 14.27 0.37 0.00 | 13.32 0.36 0.00 | -4.56 -0.16 0.00 | 19.93 0.79 0.00 | 8.94 0.33 0.00 | 12.68 0.45 0.00 | 11.90 0.50 0.00 | 21.06 0.86 0.00 | 9.78 0.38 -1.82 | 5.91 0.28 0.00 | 7.58 0.32 0.00 | 5.49 0.25 0.00 | 4.99 0.22 0.00 | 9.57 0.40 0.00 | 6.98 0.27 0.00 | 5.74 0.23 0.00 | 5.50 0.25 0.00 | 13.34 0.50 0.00 | 8.41 0.33 0.00 | 5.88 0.18 0.00 |
| SHOREHAM_IC_1 23715 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |

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| SHOREHAM_IC_2 23716 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| SITHE___BATAVIA 24024 | 13.44 -0.18 0.00 | 19.43 -0.40 0.00 | -5.80 0.04 0.00 | 9.08 -0.08 0.00 | 13.77 -0.13 0.00 | 12.83 -0.13 0.00 | -4.39 0.01 0.00 | 18.86 -0.28 0.00 | 8.38 -0.23 0.00 | 11.93 -0.30 0.00 | 11.11 -0.29 0.00 | 19.50 -0.70 0.00 | 7.30 -0.22 0.06 | 5.48 -0.15 0.00 | 7.10 -0.16 0.00 | 5.17 -0.07 0.00 | 4.70 -0.07 0.00 | 8.98 -0.18 0.00 | 6.56 -0.15 0.00 | 5.38 -0.13 0.00 | 5.15 -0.11 0.00 | 12.48 -0.35 0.00 | 7.88 -0.20 0.00 | 5.66 -0.05 0.00 |
| SITHE___INDEPEND 23800 | 13.12 -0.50 0.00 | 19.11 -0.72 0.00 | -5.64 0.19 0.00 | 8.85 -0.31 0.00 | 13.43 -0.47 0.00 | 12.52 -0.44 0.00 | -4.26 0.14 0.00 | 18.50 -0.64 0.00 | 8.30 -0.31 0.00 | 11.79 -0.45 0.00 | 10.98 -0.43 0.00 | 19.42 -0.78 0.00 | 7.27 -0.29 0.03 | 5.42 -0.21 0.00 | 7.01 -0.26 0.00 | 5.06 -0.18 0.00 | 4.60 -0.16 0.00 | 8.84 -0.33 0.00 | 6.47 -0.24 0.00 | 5.31 -0.20 0.00 | 5.06 -0.20 0.00 | 12.32 -0.51 0.00 | 7.78 -0.30 0.00 | 5.51 -0.19 0.00 |
| SITHE___MASSENA 23902 | 13.58 -0.04 0.00 | 19.87 0.04 0.00 | -5.85 -0.01 0.00 | 9.18 0.03 0.00 | 13.94 0.04 0.00 | 13.00 0.04 0.00 | -4.41 -0.01 0.00 | 19.10 -0.04 0.00 | 8.62 0.01 0.00 | 12.24 0.01 0.00 | 11.35 -0.05 0.00 | 20.15 -0.05 0.00 | 7.55 -0.05 -0.01 | 5.59 -0.04 0.00 | 7.24 -0.02 0.00 | 5.21 -0.03 0.00 | 4.74 -0.03 0.00 | 9.13 -0.03 0.00 | 6.71 -0.01 0.00 | 5.51 0.00 0.00 | 5.25 -0.01 0.00 | 12.83 0.00 0.00 | 8.09 0.02 0.00 | 5.75 0.05 0.00 |
| SITHE___OGDNSBRG 24021 | 14.01 0.40 0.00 | 20.74 0.91 0.00 | -6.11 -0.27 0.00 | 9.59 0.44 0.00 | 14.55 0.65 0.00 | 13.57 0.62 0.00 | -4.58 -0.18 0.00 | 19.86 0.72 0.00 | 9.02 0.41 0.00 | 12.78 0.55 0.00 | 11.76 0.36 0.00 | 20.97 0.77 0.00 | 7.80 0.20 -0.01 | 5.78 0.15 0.00 | 7.54 0.28 0.00 | 5.40 0.16 0.00 | 4.89 0.13 0.00 | 9.48 0.32 0.00 | 6.99 0.28 0.00 | 5.73 0.22 0.00 | 5.42 0.16 0.00 | 13.45 0.62 0.00 | 8.41 0.34 0.00 | 6.01 0.30 0.00 |
| SITHE___STERLING 23777 | 13.82 0.20 0.00 | 20.29 0.47 0.00 | -5.99 -0.15 0.00 | 9.38 0.22 0.00 | 14.24 0.34 0.00 | 13.27 0.32 0.00 | -4.50 -0.10 0.00 | 19.59 0.45 0.00 | 8.84 0.23 0.00 | 12.53 0.30 0.00 | 11.63 0.23 0.00 | 20.66 0.46 0.00 | 7.72 0.14 0.00 | 5.74 0.11 0.00 | 7.44 0.18 0.00 | 5.35 0.11 0.00 | 4.86 0.09 0.00 | 9.37 0.20 0.00 | 6.89 0.17 0.00 | 5.64 0.13 0.00 | 5.36 0.10 0.00 | 13.09 0.26 0.00 | 8.24 0.17 0.00 | 5.84 0.14 0.00 |
| SOUTH CAIRO___GT 23612 | 14.09 0.47 0.00 | 20.44 0.61 0.00 | -6.01 -0.17 0.00 | 9.42 0.27 0.00 | 14.30 0.41 0.00 | 13.33 0.37 0.00 | -4.52 -0.12 0.00 | 19.72 0.58 0.00 | 8.87 0.26 0.00 | 12.61 0.38 0.00 | 11.80 0.39 0.00 | 20.88 0.68 0.00 | 9.04 0.27 -1.20 | 5.83 0.20 0.00 | 7.49 0.23 0.00 | 5.41 0.17 0.00 | 4.93 0.17 0.00 | 9.48 0.31 0.00 | 6.94 0.22 0.00 | 5.69 0.18 0.00 | 5.44 0.19 0.00 | 13.24 0.40 0.00 | 8.33 0.25 0.00 | 5.85 0.14 0.00 |
| SOUTH HAMPTN___IC 23720 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| SOUTHOLD___IC 23719 | 34.07 0.96 -19.49 | 48.48 1.25 -27.40 | 37.53 -0.30 -43.67 | 47.92 0.46 -38.30 | 48.92 0.71 -34.31 | 34.86 0.65 -21.25 | 14.67 -0.23 -19.31 | 36.28 1.26 -15.88 | 37.83 0.56 -28.66 | 39.58 0.80 -26.54 | 37.95 0.88 -25.67 | 23.71 1.43 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.51 -5.59 | 5.63 0.38 0.00 | 5.11 0.35 0.00 | 40.03 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.37 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.55 -7.98 | 6.02 0.31 0.00 |
| ST LAWRENCE____ 23600 | 13.49 -0.12 0.00 | 19.68 -0.15 0.00 | -5.80 0.04 0.00 | 9.10 -0.06 0.00 | 13.81 -0.09 0.00 | 12.87 -0.08 0.00 | -4.37 0.03 0.00 | 18.94 -0.20 0.00 | 8.54 -0.07 0.00 | 12.13 -0.10 0.00 | 11.27 -0.13 0.00 | 19.98 -0.22 0.00 | 7.50 -0.10 -0.01 | 5.55 -0.08 0.00 | 7.18 -0.08 0.00 | 5.18 -0.06 0.00 | 4.71 -0.06 0.00 | 9.06 -0.11 0.00 | 6.64 -0.07 0.00 | 5.46 -0.05 0.00 | 5.20 -0.05 0.00 | 12.73 -0.10 0.00 | 8.03 -0.05 0.00 | 5.70 -0.01 0.00 |
| STATION 5_MISC_HYD 23604 | 13.26 -0.36 0.00 | 19.41 -0.41 0.00 | -5.74 0.09 0.00 | 9.05 -0.11 0.00 | 13.74 -0.16 0.00 | 12.76 -0.20 0.00 | -4.32 0.08 0.00 | 18.64 -0.50 0.00 | 8.48 -0.13 0.00 | 12.17 -0.06 0.00 | 11.30 -0.11 0.00 | 20.06 -0.14 0.00 | 7.41 -0.12 0.05 | 5.55 -0.08 0.00 | 7.20 -0.07 0.00 | 5.12 -0.12 0.00 | 4.66 -0.11 0.00 | 9.02 -0.15 0.00 | 6.64 -0.08 0.00 | 5.44 -0.07 0.00 | 5.15 -0.11 0.00 | 12.71 -0.12 0.00 | 7.98 -0.10 0.00 | 5.68 -0.03 0.00 |
| STURGEON_POOL_HYD 23609 | 14.34 0.72 0.00 | 20.69 0.87 0.00 | -6.06 -0.22 0.00 | 9.50 0.34 0.00 | 14.45 0.55 0.00 | 13.48 0.53 0.00 | -4.60 -0.20 0.00 | 20.11 0.97 0.00 | 8.94 0.33 0.00 | 12.68 0.45 0.00 | 11.91 0.51 0.00 | 21.10 0.90 0.00 | 9.37 0.38 -1.42 | 5.91 0.28 0.00 | 7.58 0.31 0.00 | 5.47 0.23 0.00 | 4.95 0.18 0.00 | 9.49 0.33 0.00 | 6.94 0.22 0.00 | 5.69 0.18 0.00 | 5.46 0.20 0.00 | 13.33 0.50 0.00 | 8.35 0.27 0.00 | 5.84 0.13 0.00 |
| SYRACUSE___POWER 24017 | 13.41 -0.21 0.00 | 19.62 -0.21 0.00 | -5.80 0.03 0.00 | 9.09 -0.07 0.00 | 13.80 -0.10 0.00 | 12.87 -0.08 0.00 | -4.37 0.03 0.00 | 19.01 -0.13 0.00 | 8.55 -0.06 0.00 | 12.12 -0.11 0.00 | 11.26 -0.14 0.00 | 19.94 -0.26 0.00 | 7.44 -0.11 0.04 | 5.56 -0.07 0.00 | 7.20 -0.06 0.00 | 5.19 -0.05 0.00 | 4.72 -0.05 0.00 | 9.08 -0.09 0.00 | 6.66 -0.06 0.00 | 5.46 -0.06 0.00 | 5.20 -0.06 0.00 | 12.70 -0.13 0.00 | 7.98 -0.10 0.00 | 5.66 -0.04 0.00 |
| Stony___Brook 24151 | 34.06 0.95 -19.49 | 48.56 1.34 -27.40 | 37.51 -0.32 -43.67 | 47.96 0.50 -38.30 | 48.97 0.77 -34.31 | 34.91 0.71 -21.25 | 14.65 -0.26 -19.31 | 36.35 1.34 -15.88 | 37.86 0.59 -28.66 | 39.63 0.85 -26.54 | 38.00 0.93 -25.67 | 23.85 1.56 -2.08 | 27.78 0.65 -19.55 | 30.26 0.48 -24.15 | 13.42 0.56 -5.59 | 5.66 0.42 0.00 | 5.15 0.38 0.00 | 40.09 0.70 -30.23 | 40.26 0.49 -33.06 | 40.39 0.41 -34.47 | 50.28 0.43 -44.60 | 46.89 1.04 -33.02 | 16.66 0.61 -7.98 | 6.05 0.35 0.00 |
| UPPER HUDSON___HYD 24058 | 13.78 0.16 0.00 | 19.99 0.16 0.00 | -5.79 0.04 0.00 | 9.15 0.00 0.00 | 13.87 -0.02 0.00 | 12.87 -0.08 0.00 | -4.31 0.09 0.00 | 18.93 -0.21 0.00 | 8.71 0.10 0.00 | 12.45 0.22 0.00 | 11.63 0.23 0.00 | 20.84 0.64 0.00 | 8.48 0.12 -0.78 | 5.71 0.08 0.00 | 7.38 0.11 0.00 | 5.27 0.03 0.00 | 4.79 0.02 0.00 | 9.27 0.10 0.00 | 6.84 0.12 0.00 | 5.58 0.07 0.00 | 5.28 0.03 0.00 | 13.07 0.24 0.00 | 8.20 0.12 0.00 | 5.70 0.00 0.00 |
| UPPER RAQUET___HYD 24056 | 13.44 -0.17 0.00 | 19.83 0.00 0.00 | -5.84 0.00 0.00 | 9.15 0.00 0.00 | 13.89 0.00 0.00 | 12.96 0.01 0.00 | -4.38 0.02 0.00 | 19.01 -0.13 0.00 | 8.62 0.01 0.00 | 12.16 -0.08 0.00 | 11.23 -0.18 0.00 | 19.98 -0.22 0.00 | 7.45 -0.14 -0.01 | 5.52 -0.11 0.00 | 7.18 -0.08 0.00 | 5.17 -0.07 0.00 | 4.70 -0.07 0.00 | 9.08 -0.08 0.00 | 6.69 -0.03 0.00 | 5.49 -0.02 0.00 | 5.20 -0.06 0.00 | 12.82 -0.01 0.00 | 8.05 -0.03 0.00 | 5.73 0.03 0.00 |

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|--------------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-------------------------|-------------------------|------------------------|-----------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------|
| US___GYPSUM 23809 | 13.35 -0.27 0.00 | 19.28 -0.55 0.00 | -5.77 0.07 0.00 | 9.02 -0.14 0.00 | 13.68 -0.21 0.00 | 12.75 -0.20 0.00 | -4.38 0.02 0.00 | 18.74 -0.40 0.00 | 8.30 -0.31 0.00 | 11.79 -0.44 0.00 | 10.96 -0.45 0.00 | 19.21 -0.99 0.00 | 7.20 -0.32 0.06 | 5.40 -0.23 0.00 | 7.00 -0.26 0.00 | 5.10 -0.14 0.00 | 4.64 -0.13 0.00 | 8.85 -0.31 0.00 | 6.47 -0.25 0.00 | 5.31 -0.20 0.00 | 5.09 -0.17 0.00 | 12.35 -0.49 0.00 | 7.78 -0.30 0.00 | 5.61 -0.09 0.00 |
| VISCHER___FERRY HYD 24020 | 14.14 0.52 0.00 | 20.66 0.83 0.00 | -6.03 -0.19 0.00 | 9.49 0.34 0.00 | 14.40 0.50 0.00 | 13.37 0.42 0.00 | -4.47 -0.07 0.00 | 19.57 0.43 0.00 | 8.94 0.33 0.00 | 12.76 0.53 0.00 | 11.89 0.49 0.00 | 21.23 1.03 0.00 | 8.67 0.29 -0.80 | 5.83 0.20 0.00 | 7.53 0.26 0.00 | 5.38 0.14 0.00 | 4.89 0.13 0.00 | 9.47 0.30 0.00 | 6.98 0.27 0.00 | 5.71 0.20 0.00 | 5.41 0.15 0.00 | 13.34 0.50 0.00 | 8.38 0.30 0.00 | 5.86 0.15 0.00 |
| WADING RIVER_1-3_GRP5 24038 | 34.08 0.97 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.72 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.27 -15.88 | 37.83 0.56 -28.66 | 39.58 0.81 -26.54 | 37.95 0.88 -25.67 | 23.53 1.25 -2.08 | 27.66 0.53 -19.55 | 30.17 0.39 -24.15 | 13.30 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 39.95 0.56 -30.23 | 40.16 0.38 -33.06 | 40.30 0.33 -34.47 | 50.21 0.36 -44.60 | 46.62 0.77 -33.02 | 16.53 0.48 -7.98 | 5.97 0.27 0.00 |
| WADING RIVER_IC_1 23522 | 34.08 0.97 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.72 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.27 -15.88 | 37.83 0.56 -28.66 | 39.58 0.81 -26.54 | 37.95 0.88 -25.67 | 23.53 1.25 -2.08 | 27.66 0.53 -19.55 | 30.17 0.39 -24.15 | 13.30 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 39.95 0.56 -30.23 | 40.16 0.38 -33.06 | 40.30 0.33 -34.47 | 50.21 0.36 -44.60 | 46.62 0.77 -33.02 | 16.53 0.48 -7.98 | 5.97 0.27 0.00 |
| WADING RIVER_IC_2 23547 | 34.08 0.97 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.72 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.27 -15.88 | 37.83 0.56 -28.66 | 39.58 0.81 -26.54 | 37.95 0.88 -25.67 | 23.53 1.25 -2.08 | 27.66 0.53 -19.55 | 30.17 0.39 -24.15 | 13.30 0.45 -5.59 | 5.58 0.34 0.00 | 5.07 0.30 0.00 | 39.95 0.56 -30.23 | 40.16 0.38 -33.06 | 40.30 0.33 -34.47 | 50.21 0.36 -44.60 | 46.62 0.77 -33.02 | 16.53 0.48 -7.98 | 5.97 0.27 0.00 |
| WADING RIVER_IC_3 23601 | 34.08 0.96 -19.49 | 48.50 1.27 -27.40 | 37.53 -0.30 -43.67 | 47.93 0.47 -38.30 | 48.93 0.72 -34.31 | 34.87 0.67 -21.25 | 14.67 -0.23 -19.31 | 36.29 1.27 -15.88 | 37.83 0.56 -28.66 | 39.58 0.81 -26.54 | 37.96 0.88 -25.67 | 23.72 1.44 -2.08 | 27.73 0.60 -19.55 | 30.23 0.44 -24.15 | 13.37 0.52 -5.59 | 5.63 0.39 0.00 | 5.12 0.35 0.00 | 40.04 0.64 -30.23 | 40.22 0.44 -33.06 | 40.35 0.38 -34.47 | 50.26 0.41 -44.60 | 46.75 0.90 -33.02 | 16.61 0.56 -7.98 | 6.02 0.31 0.00 |
| WALDEN___HYDRO 24148 | 14.22 0.60 0.00 | 20.50 0.67 0.00 | -6.00 -0.16 0.00 | 9.40 0.25 0.00 | 14.30 0.41 0.00 | 13.35 0.40 0.00 | -4.56 -0.16 0.00 | 19.96 0.82 0.00 | 8.97 0.36 0.00 | 12.73 0.50 0.00 | 11.97 0.56 0.00 | 21.19 0.99 0.00 | 9.72 0.42 -1.72 | 5.94 0.31 0.00 | 7.62 0.35 0.00 | 5.51 0.27 0.00 | 5.01 0.24 0.00 | 9.61 0.44 0.00 | 7.01 0.30 0.00 | 5.76 0.25 0.00 | 5.53 0.28 0.00 | 13.47 0.64 0.00 | 8.45 0.37 0.00 | 5.90 0.20 0.00 |
| WATERSIDE___6 8 9 23538 | 14.70 1.08 0.00 | 21.17 1.34 0.00 | -6.19 -0.35 0.00 | 9.69 0.53 0.00 | 14.73 0.84 0.00 | 13.75 0.79 0.00 | -4.68 -0.28 0.00 | 20.63 1.48 0.00 | 9.29 0.68 0.00 | 13.23 1.00 0.00 | 12.46 1.05 0.00 | 22.06 1.86 0.00 | 10.00 0.75 -1.67 | 6.19 0.56 0.00 | 7.93 0.66 0.00 | 5.73 0.49 0.00 | 5.21 0.44 0.00 | 9.97 0.81 0.00 | 7.27 0.56 0.00 | 5.98 0.47 0.00 | 19.54 0.50 -13.78 | 41.14 1.04 -27.27 | 10.64 0.68 -1.88 | 6.10 0.40 0.00 |
| WATERTOWN___HYD 23805 | 13.26 -0.36 0.00 | 19.78 -0.05 0.00 | -5.84 0.00 0.00 | 9.14 -0.01 0.00 | 13.88 -0.01 0.00 | 12.94 -0.01 0.00 | -4.34 0.06 0.00 | 19.02 -0.12 0.00 | 8.66 0.05 0.00 | 12.23 0.00 0.00 | 11.24 -0.16 0.00 | 20.15 -0.05 0.00 | 7.48 -0.10 0.01 | 5.56 -0.07 0.00 | 7.27 0.01 0.00 | 5.19 -0.05 0.00 | 4.69 -0.08 0.00 | 9.11 -0.06 0.00 | 6.74 0.02 0.00 | 5.50 -0.01 0.00 | 5.17 -0.08 0.00 | 12.82 -0.01 0.00 | 8.02 -0.06 0.00 | 5.73 0.02 0.00 |
| WEST BABYLON___IC 23714 | 34.16 1.05 -19.49 | 48.52 1.29 -27.40 | 37.50 -0.33 -43.67 | 47.96 0.50 -38.30 | 48.97 0.76 -34.31 | 34.93 0.72 -21.25 | 14.63 -0.27 -19.31 | 36.33 1.31 -15.88 | 37.87 0.60 -28.66 | 39.65 0.88 -26.54 | 38.02 0.94 -25.67 | 23.94 1.65 -2.08 | 27.82 0.68 -19.55 | 30.29 0.51 -24.15 | 13.45 0.60 -5.59 | 5.69 0.45 0.00 | 5.17 0.40 0.00 | 40.14 0.74 -30.23 | 40.29 0.52 -33.06 | 40.41 0.43 -34.47 | 50.31 0.46 -44.60 | 46.89 1.04 -33.02 | 16.69 0.63 -7.98 | 6.07 0.37 0.00 |
| WEST CANADA___HYD 24049 | 13.69 0.07 0.00 | 19.90 0.08 0.00 | -5.85 -0.02 0.00 | 9.18 0.03 0.00 | 13.94 0.04 0.00 | 12.99 0.04 0.00 | -4.41 -0.01 0.00 | 19.22 0.08 0.00 | 8.64 0.03 0.00 | 12.28 0.05 0.00 | 11.46 0.06 0.00 | 20.31 0.11 0.00 | 7.66 0.04 -0.03 | 5.66 0.03 0.00 | 7.29 0.03 0.00 | 5.27 0.02 0.00 | 4.79 0.02 0.00 | 9.21 0.04 0.00 | 6.74 0.03 0.00 | 5.53 0.02 0.00 | 5.27 0.01 0.00 | 12.83 0.00 0.00 | 8.11 0.03 0.00 | 5.71 0.01 0.00 |
| WESTERN_NY_WIND 24143 | 13.44 -0.18 0.00 | 19.43 -0.40 0.00 | -5.80 0.04 0.00 | 9.08 -0.08 0.00 | 13.77 -0.13 0.00 | 12.83 -0.13 0.00 | -4.39 0.01 0.00 | 18.86 -0.28 0.00 | 8.38 -0.23 0.00 | 11.93 -0.30 0.00 | 11.11 -0.29 0.00 | 19.50 -0.70 0.00 | 7.30 -0.22 0.06 | 5.48 -0.15 0.00 | 7.10 -0.16 0.00 | 5.17 -0.07 0.00 | 4.70 -0.07 0.00 | 8.98 -0.18 0.00 | 6.56 -0.15 0.00 | 5.38 -0.13 0.00 | 5.15 -0.11 0.00 | 12.48 -0.35 0.00 | 7.88 -0.20 0.00 | 5.66 -0.05 0.00 |
| YORK___WARBASSE 23770 | 14.76 1.14 0.00 | 21.24 1.42 0.00 | -6.21 -0.37 0.00 | 9.72 0.56 0.00 | 14.77 0.87 0.00 | 13.78 0.83 0.00 | -4.70 -0.30 0.00 | 20.67 1.53 0.00 | 9.31 0.70 0.00 | 13.26 1.03 0.00 | 12.49 1.08 0.00 | 22.13 1.93 0.00 | 10.04 0.78 -1.67 | 6.21 0.58 0.00 | 7.96 0.69 0.00 | 5.76 0.51 0.00 | 5.23 0.46 0.00 | 10.02 0.85 0.00 | 7.30 0.59 0.00 | 6.00 0.49 0.00 | 19.55 0.52 -13.78 | 41.28 1.18 -27.27 | 10.68 0.72 -1.88 | 6.13 0.42 0.00 |