

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/25/2003

| 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 | 60.88 | 55.08 | 39.35 | 34.97 | 34.93 | 38.57 | 55.14 | 62.91 | 65.31 | 67.83 | 72.07 | 75.74 | 76.14 | 76.00 | 75.94 | 78.21 | 75.92 | 75.72 | 67.77 | 65.90 | 63.81 | 62.90 | 62.40 | 60.23 |
| 24138 | 3.59 | 3.64 | 3.38 | 2.95 | 2.95 | 3.25 | 3.54 | 4.57 | 4.71 | 5.41 | 5.91 | 6.35 | 6.58 | 6.55 | 6.63 | 6.78 | 6.62 | 6.46 | 5.92 | 5.46 | 5.46 | 5.38 | 5.52 | 4.87 |
| | -15.09 | -11.90 | 0.00 | -0.28 | -0.28 | 0.00 | -14.69 | -14.81 | -14.85 | -14.58 | -16.10 | -16.45 | -14.71 | -15.78 | -15.85 | -16.74 | -15.91 | -16.32 | -12.09 | -12.14 | -10.04 | -10.75 | -7.16 | -8.58 |
| 74TH STREET_GT_1 | 60.88 | 55.08 | 39.35 | 34.97 | 34.93 | 38.57 | 55.14 | 62.91 | 65.31 | 67.83 | 72.07 | 75.74 | 76.14 | 76.00 | 75.94 | 78.21 | 75.92 | 75.72 | 67.77 | 65.90 | 63.81 | 62.90 | 62.40 | 60.23 |
| 24260 | 3.59 | 3.64 | 3.38 | 2.95 | 2.95 | 3.25 | 3.54 | 4.57 | 4.71 | 5.41 | 5.91 | 6.35 | 6.58 | 6.55 | 6.63 | 6.78 | 6.62 | 6.46 | 5.92 | 5.46 | 5.46 | 5.38 | 5.52 | 4.87 |
| | -15.09 | -11.90 | 0.00 | -0.28 | -0.28 | 0.00 | -14.69 | -14.81 | -14.85 | -14.58 | -16.10 | -16.45 | -14.71 | -15.78 | -15.85 | -16.74 | -15.91 | -16.32 | -12.09 | -12.14 | -10.04 | -10.75 | -7.16 | -8.58 |
| 74TH STREET_GT_2 | 60.88 | 55.08 | 39.35 | 34.97 | 34.93 | 38.57 | 55.14 | 62.91 | 65.31 | 67.83 | 72.07 | 75.74 | 76.14 | 76.00 | 75.94 | 78.21 | 75.92 | 75.72 | 67.77 | 65.90 | 63.81 | 62.90 | 62.40 | 60.23 |
| 24261 | 3.59 | 3.64 | 3.38 | 2.95 | 2.95 | 3.25 | 3.54 | 4.57 | 4.71 | 5.41 | 5.91 | 6.35 | 6.58 | 6.55 | 6.63 | 6.78 | 6.62 | 6.46 | 5.92 | 5.46 | 5.46 | 5.38 | 5.52 | 4.87 |
| | -15.09 | -11.90 | 0.00 | -0.28 | -0.28 | 0.00 | -14.69 | -14.81 | -14.85 | -14.58 | -16.10 | -16.45 | -14.71 | -15.78 | -15.85 | -16.74 | -15.91 | -16.32 | -12.09 | -12.14 | -10.04 | -10.75 | -7.16 | -8.58 |
| ADK HUDSON___FALLS | 45.32 | 42.58 | 38.70 | 34.22 | 34.17 | 38.07 | 39.83 | 46.71 | 49.00 | 51.62 | 54.26 | 57.39 | 59.62 | 58.34 | 58.22 | 60.00 | 58.62 | 58.13 | 54.64 | 53.03 | 53.04 | 51.26 | 56.92 | 56.00 |
| 24011 | 3.12 | 3.04 | 2.73 | 2.48 | 2.47 | 2.75 | 2.92 | 3.18 | 3.25 | 3.78 | 4.20 | 4.45 | 4.77 | 4.67 | 4.76 | 5.31 | 5.23 | 5.19 | 4.88 | 4.73 | 4.73 | 4.49 | 4.38 | 3.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.82 | -5.29 |
| ADK RESOURCE___RCVRY | 45.32 | 42.58 | 38.70 | 34.22 | 34.17 | 38.07 | 39.83 | 46.71 | 49.00 | 51.62 | 54.26 | 57.39 | 59.62 | 58.34 | 58.22 | 60.00 | 58.62 | 58.13 | 54.64 | 53.03 | 53.04 | 51.26 | 56.92 | 56.00 |
| 23798 | 3.12 | 3.04 | 2.73 | 2.48 | 2.47 | 2.75 | 2.92 | 3.18 | 3.25 | 3.78 | 4.20 | 4.45 | 4.77 | 4.67 | 4.76 | 5.31 | 5.23 | 5.19 | 4.88 | 4.73 | 4.73 | 4.49 | 4.38 | 3.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.82 | -5.29 |
| ADK S GLENS___FALLS | 45.32 | 42.58 | 38.70 | 34.22 | 34.17 | 38.07 | 39.83 | 46.71 | 49.00 | 51.62 | 54.26 | 57.39 | 59.62 | 58.34 | 58.22 | 60.00 | 58.62 | 58.13 | 54.64 | 53.03 | 53.04 | 51.26 | 56.92 | 56.00 |
| 24028 | 3.12 | 3.04 | 2.73 | 2.48 | 2.47 | 2.75 | 2.92 | 3.18 | 3.25 | 3.78 | 4.20 | 4.45 | 4.77 | 4.67 | 4.76 | 5.31 | 5.23 | 5.19 | 4.88 | 4.73 | 4.73 | 4.49 | 4.38 | 3.93 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.82 | -5.29 |
| ADK_NYS___DAM | 44.35 | 41.75 | 37.95 | 33.58 | 33.54 | 37.33 | 38.90 | 45.84 | 48.13 | 50.66 | 53.21 | 56.33 | 58.36 | 57.11 | 56.99 | 58.25 | 56.91 | 56.43 | 52.94 | 51.29 | 51.30 | 49.67 | 55.38 | 54.67 |
| 23527 | 2.15 | 2.21 | 1.98 | 1.84 | 1.84 | 2.01 | 1.99 | 2.31 | 2.38 | 2.82 | 3.15 | 3.39 | 3.51 | 3.44 | 3.53 | 3.56 | 3.52 | 3.49 | 3.18 | 2.99 | 2.99 | 2.90 | 2.93 | 2.76 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.73 | -5.13 | |
| AIR_PRODUCTS___DRP | 44.01 | 41.40 | 37.73 | 33.33 | 33.29 | 37.05 | 38.68 | 45.75 | 48.08 | 50.57 | 53.11 | 56.28 | 58.25 | 57.00 | 56.83 | 58.14 | 56.81 | 56.33 | 52.85 | 51.15 | 51.16 | 49.53 | 55.22 | 54.37 |
| 24190 | 1.81 | 1.86 | 1.76 | 1.59 | 1.59 | 1.73 | 1.77 | 2.22 | 2.33 | 2.73 | 3.05 | 3.34 | 3.40 | 3.33 | 3.37 | 3.45 | 3.42 | 3.39 | 3.09 | 2.85 | 2.85 | 2.76 | 2.78 | 2.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.72 | -5.11 | |
| ALBANY___1 | 44.01 | 41.40 | 37.73 | 33.33 | 33.29 | 37.05 | 38.68 | 45.75 | 48.08 | 50.57 | 53.11 | 56.28 | 58.25 | 57.00 | 56.83 | 58.14 | 56.81 | 56.33 | 52.85 | 51.15 | 51.16 | 49.53 | 55.22 | 54.37 |
| 23571 | 1.81 | 1.86 | 1.76 | 1.59 | 1.59 | 1.73 | 1.77 | 2.22 | 2.33 | 2.73 | 3.05 | 3.34 | 3.40 | 3.33 | 3.37 | 3.45 | 3.42 | 3.39 | 3.09 | 2.85 | 2.85 | 2.76 | 2.78 | 2.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.72 | -5.11 | |
| ALBANY___2 | 44.01 | 41.40 | 37.73 | 33.33 | 33.29 | 37.05 | 38.68 | 45.75 | 48.08 | 50.57 | 53.11 | 56.28 | 58.25 | 57.00 | 56.83 | 58.14 | 56.81 | 56.33 | 52.85 | 51.15 | 51.16 | 49.53 | 55.22 | 54.37 |
| 23572 | 1.81 | 1.86 | 1.76 | 1.59 | 1.59 | 1.73 | 1.77 | 2.22 | 2.33 | 2.73 | 3.05 | 3.34 | 3.40 | 3.33 | 3.37 | 3.45 | 3.42 | 3.39 | 3.09 | 2.85 | 2.85 | 2.76 | 2.78 | 2.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.72 | -5.11 | |
| ALBANY___3 | 44.01 | 41.40 | 37.73 | 33.33 | 33.29 | 37.05 | 38.68 | 45.75 | 48.08 | 50.57 | 53.11 | 56.28 | 58.25 | 57.00 | 56.83 | 58.14 | 56.81 | 56.33 | 52.85 | 51.15 | 51.16 | 49.53 | 55.22 | 54.37 |
| 23573 | 1.81 | 1.86 | 1.76 | 1.59 | 1.59 | 1.73 | 1.77 | 2.22 | 2.33 | 2.73 | 3.05 | 3.34 | 3.40 | 3.33 | 3.37 | 3.45 | 3.42 | 3.39 | 3.09 | 2.85 | 2.85 | 2.76 | 2.78 | 2.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.72 | -5.11 | |
| ALBANY___4 | 44.01 | 41.40 | 37.73 | 33.33 | 33.29 | 37.05 | 38.68 | 45.75 | 48.08 | 50.57 | 53.11 | 56.28 | 58.25 | 57.00 | 56.83 | 58.14 | 56.81 | 56.33 | 52.85 | 51.15 | 51.16 | 49.53 | 55.22 | 54.37 |
| 23574 | 1.81 | 1.86 | 1.76 | 1.59 | 1.59 | 1.73 | 1.77 | 2.22 | 2.33 | 2.73 | 3.05 | 3.34 | 3.40 | 3.33 | 3.37 | 3.45 | 3.42 | 3.39 | 3.09 | 2.85 | 2.85 | 2.76 | 2.78 | 2.48 |
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | -2.72 | -5.11 | |

| | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ALCOA_RYNLDS___DRP 24188 | 41.82 -0.38 0.00 | 39.11 -0.43 0.00 | 35.47 -0.50 0.00 | 31.26 -0.48 0.00 | 31.22 -0.48 0.00 | 34.86 -0.46 0.00 | 36.47 -0.44 0.00 | 42.79 -0.74 0.00 | 44.88 -0.87 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.46 -1.48 0.00 | 53.26 -1.59 0.00 | 52.11 -1.56 0.00 | 51.96 -1.50 0.00 | 53.21 -1.48 0.00 | 51.95 -1.44 0.00 | 51.62 -1.32 0.00 | 48.67 -1.09 0.00 | 47.38 -0.92 0.00 | 47.34 -0.97 0.00 | 45.51 -1.26 0.00 | 48.43 -1.24 0.05 | 46.03 -0.65 0.10 |
| ALLEGHENY___COGEN 23514 | 38.57 -3.63 0.00 | 36.89 -2.65 0.00 | 33.56 -2.41 0.00 | 26.58 -2.06 3.10 | 26.54 -2.06 3.10 | 33.09 -2.23 0.00 | 34.66 -2.25 0.00 | 41.66 -1.87 0.00 | 44.38 -1.37 0.00 | 46.55 -1.29 0.00 | 48.81 -1.25 0.00 | 51.72 -1.22 0.00 | 54.08 -0.77 0.00 | 52.97 -0.70 0.00 | 52.82 -0.64 0.00 | 53.98 -0.71 0.00 | 52.54 -0.85 0.00 | 51.72 -1.22 0.00 | 48.57 -1.19 0.00 | 47.00 -1.30 0.00 | 47.30 -1.01 0.00 | 46.02 -0.75 0.00 | 48.16 -1.94 -0.38 | 42.84 -3.65 0.29 |
| AMERICAN_REF_FUEL 24010 | 36.42 -5.78 0.00 | 34.48 -5.06 0.00 | 31.40 -4.57 0.00 | 25.49 -3.90 2.35 | 25.48 -3.87 2.35 | 30.94 -4.38 0.00 | 31.96 -4.95 0.00 | 38.39 -5.14 0.00 | 40.35 -5.40 0.00 | 42.48 -5.36 0.00 | 44.35 -5.71 0.00 | 46.90 -6.04 0.00 | 49.20 -5.65 0.00 | 47.87 -5.80 0.00 | 47.74 -5.72 0.00 | 48.78 -5.91 0.00 | 47.46 -5.93 0.00 | 46.69 -6.25 0.00 | 44.29 -5.47 0.00 | 42.75 -5.55 0.00 | 42.95 -5.36 0.00 | 42.37 -4.40 0.00 | 44.28 -5.42 0.02 | 37.30 -6.74 2.74 |
| ARTHUR_KILL_GT_1 23520 | 60.72 3.42 -15.10 | 56.01 3.40 -13.07 | 39.11 3.13 -0.01 | 34.85 2.82 -0.29 | 34.81 2.82 -0.29 | 38.33 3.00 -0.01 | 55.92 3.32 -15.69 | 62.84 4.48 -14.83 | 65.27 4.67 -14.85 | 67.87 5.45 -14.58 | 72.16 6.01 -16.09 | 75.73 6.35 -16.44 | 76.20 6.64 -14.71 | 76.00 6.55 -15.78 | 75.98 6.68 -15.84 | 78.21 6.78 -16.74 | 75.96 6.67 -15.90 | 75.81 6.56 -16.31 | 67.86 6.02 -12.08 | 65.89 5.46 -12.13 | 64.24 5.41 -10.52 | 63.63 5.33 -11.53 | 63.12 5.37 -8.03 | 64.21 4.68 -12.75 |
| ARTHUR_KILL_2 23512 | 60.72 3.42 -15.10 | 56.01 3.40 -13.07 | 39.11 3.13 -0.01 | 34.85 2.82 -0.29 | 34.81 2.82 -0.29 | 38.33 3.00 -0.01 | 55.92 3.32 -15.69 | 62.84 4.48 -14.83 | 65.27 4.67 -14.85 | 67.87 5.45 -14.58 | 72.16 6.01 -16.09 | 75.73 6.35 -16.44 | 76.20 6.64 -14.71 | 76.00 6.55 -15.78 | 75.98 6.68 -15.84 | 78.21 6.78 -16.74 | 75.96 6.67 -15.90 | 75.81 6.56 -16.31 | 67.86 6.02 -12.08 | 65.89 5.46 -12.13 | 64.24 5.41 -10.52 | 63.63 5.33 -11.53 | 63.12 5.37 -8.03 | 64.21 4.68 -12.75 |
| ARTHUR_KILL_3 23513 | 60.83 3.54 -15.09 | 56.19 3.60 -13.05 | 39.32 3.35 0.00 | 34.92 2.89 -0.29 | 34.87 2.88 -0.29 | 38.50 3.18 0.00 | 56.06 3.47 -15.68 | 62.80 4.44 -14.83 | 65.18 4.58 -14.85 | 67.68 5.26 -14.58 | 71.92 5.76 -16.10 | 75.58 6.19 -16.45 | 75.98 6.42 -14.71 | 75.84 6.39 -15.78 | 75.78 6.47 -15.85 | 78.05 6.62 -16.74 | 75.81 6.51 -15.91 | 75.56 6.30 -16.32 | 67.62 5.77 -12.09 | 65.80 5.36 -12.14 | 64.14 5.31 -10.52 | 63.53 5.24 -11.52 | 63.21 5.47 -8.02 | 60.95 4.82 -9.35 |
| ASHOKAN____ 23654 | 44.77 2.57 0.00 | 42.15 2.61 0.00 | 38.42 2.45 0.00 | 34.13 2.13 -0.26 | 34.05 2.09 -0.26 | 37.62 2.30 0.00 | 39.53 2.62 0.00 | 46.97 3.44 0.00 | 49.46 3.71 0.00 | 52.38 4.54 0.00 | 55.12 5.06 0.00 | 58.39 5.45 0.00 | 60.44 5.59 0.00 | 59.31 5.64 0.00 | 59.23 5.77 0.00 | 60.38 5.69 0.00 | 59.00 5.61 0.00 | 58.55 5.61 0.00 | 54.89 5.13 0.00 | 53.08 4.78 0.00 | 53.00 4.69 0.00 | 51.40 4.63 0.00 | 56.65 4.62 -2.31 | 55.07 4.02 -4.27 |
| ASTORIA 5-9____ 23662 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA GT2____ 23536 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA GT3____ 23731 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA GT4____ 23727 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT2_1 24094 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT2_2 24095 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT2_3 24096 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT2_4 24097 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT3_1 24098 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |

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|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA_GT3_2 24099 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT3_3 24100 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT3_4 24101 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT4_1 24102 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT4_2 24103 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT4_3 24104 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT4_4 24105 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT_1 23523 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ASTORIA_GT_10 24110 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ASTORIA_GT_11 24225 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ASTORIA_GT_12 24226 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ASTORIA_GT_13 24227 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ASTORIA_GT_5 24106 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT_7 24107 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA_GT_8 24108 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| ASTORIA__2 24149 | 67.24 3.88 -21.16 | 65.79 3.88 -22.37 | 64.11 3.56 -24.58 | 60.91 3.11 -26.06 | 60.91 3.11 -26.10 | 64.16 3.43 -25.41 | 67.18 3.76 -26.51 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| ASTORIA___3 23516 | 64.35 3.63 -18.52 | 62.58 3.76 -19.28 | 39.43 3.45 -0.01 | 35.05 3.02 -0.29 | 35.00 3.01 -0.29 | 38.65 3.32 -0.01 | 62.54 3.58 -22.05 | 66.25 4.48 -18.24 | 68.51 4.53 -18.23 | 70.95 5.21 -17.90 | 79.18 5.66 -23.46 | 79.17 6.04 -20.19 | 79.22 6.31 -18.06 | 79.21 6.17 -19.37 | 79.22 6.31 -19.45 | 81.69 6.45 -20.55 | 79.21 6.30 -19.52 | 79.16 6.19 -20.03 | 70.32 5.72 -14.84 | 68.46 5.26 -14.90 | 67.87 5.27 -14.29 | 68.27 5.19 -16.31 | 66.92 5.42 -11.78 | 64.35 4.82 -12.75 |
| ASTORIA___4 23517 | 67.12 3.76 -21.16 | 65.75 3.84 -22.37 | 64.08 3.53 -24.58 | 60.88 3.08 -26.06 | 60.84 3.04 -26.10 | 64.12 3.39 -25.41 | 67.11 3.69 -26.51 | 67.11 4.70 -18.88 | 68.46 4.48 -18.23 | 70.81 5.07 -17.90 | 71.72 5.51 -16.15 | 79.01 5.88 -20.19 | 79.00 6.09 -18.06 | 79.05 6.01 -19.37 | 79.00 6.09 -19.45 | 81.48 6.24 -20.55 | 79.05 6.14 -19.52 | 79.01 6.04 -20.03 | 69.60 5.57 -14.27 | 68.37 5.17 -14.90 | 68.01 5.41 -14.29 | 68.27 5.19 -16.31 | 67.12 5.62 -11.78 | 68.27 4.82 -16.67 |
| ASTORIA___5 23518 | 67.20 3.84 -21.16 | 65.75 3.84 -22.37 | 64.08 3.53 -24.58 | 60.88 3.08 -26.06 | 60.88 3.08 -26.10 | 64.12 3.39 -25.41 | 67.15 3.73 -26.51 | 67.29 4.88 -18.88 | 68.46 4.48 -18.23 | 70.81 5.07 -17.90 | 71.72 5.51 -16.15 | 79.01 5.88 -20.19 | 79.00 6.09 -18.06 | 79.05 6.01 -19.37 | 79.00 6.09 -19.45 | 81.48 6.24 -20.55 | 79.05 6.14 -19.52 | 79.01 6.04 -20.03 | 69.60 5.57 -14.27 | 68.46 5.26 -14.90 | 68.16 5.56 -14.29 | 68.46 5.38 -16.31 | 67.22 5.72 -11.78 | 68.46 5.01 -16.67 |
| ASTRIA 10-13____ 23663 | 64.43 3.71 -18.52 | 62.62 3.80 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| ATHENS_STG_1 23668 | 44.01 1.81 0.00 | 41.48 1.94 0.00 | 37.88 1.91 0.00 | 33.68 1.68 -0.26 | 33.64 1.68 -0.26 | 37.09 1.77 0.00 | 38.76 1.85 0.00 | 45.92 2.39 0.00 | 48.17 2.42 0.00 | 50.71 2.87 0.00 | 53.26 3.20 0.00 | 56.38 3.44 0.00 | 58.36 3.51 0.00 | 57.11 3.44 0.00 | 56.99 3.53 0.00 | 58.25 3.56 0.00 | 56.91 3.52 0.00 | 56.43 3.49 0.00 | 52.94 3.18 0.00 | 51.25 2.95 0.00 | 51.26 2.95 0.00 | 49.72 2.95 0.00 | 55.06 2.98 -2.36 | 53.81 2.67 -4.36 |
| ATHENS_STG_2 23670 | 44.01 1.81 0.00 | 41.48 1.94 0.00 | 37.88 1.91 0.00 | 33.68 1.68 -0.26 | 33.64 1.68 -0.26 | 37.09 1.77 0.00 | 38.76 1.85 0.00 | 45.92 2.39 0.00 | 48.17 2.42 0.00 | 50.71 2.87 0.00 | 53.26 3.20 0.00 | 56.38 3.44 0.00 | 58.36 3.51 0.00 | 57.11 3.44 0.00 | 56.99 3.53 0.00 | 58.25 3.56 0.00 | 56.91 3.52 0.00 | 56.43 3.49 0.00 | 52.94 3.18 0.00 | 51.25 2.95 0.00 | 51.26 2.95 0.00 | 49.72 2.95 0.00 | 55.06 2.98 -2.36 | 53.81 2.67 -4.36 |
| ATHENS_STG_3 23677 | 44.01 1.81 0.00 | 41.48 1.94 0.00 | 37.88 1.91 0.00 | 33.68 1.68 -0.26 | 33.64 1.68 -0.26 | 37.09 1.77 0.00 | 38.76 1.85 0.00 | 45.92 2.39 0.00 | 48.17 2.42 0.00 | 50.71 2.87 0.00 | 53.26 3.20 0.00 | 56.38 3.44 0.00 | 58.36 3.51 0.00 | 57.11 3.44 0.00 | 56.99 3.53 0.00 | 58.25 3.56 0.00 | 56.91 3.52 0.00 | 56.43 3.49 0.00 | 52.94 3.18 0.00 | 51.25 2.95 0.00 | 51.26 2.95 0.00 | 49.72 2.95 0.00 | 55.06 2.98 -2.36 | 53.81 2.67 -4.36 |
| BARRETT 1-8___GRP4 24034 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT 9-12___GRP3 24033 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_1 23704 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_10 23701 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_11 23702 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_12 23703 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_2 23705 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_3 23706 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_4 23707 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |

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|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| BARRETT_IC_5 23708 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_6 23709 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_7 23710 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_8 23711 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT_IC_9 23700 | 74.80 3.92 -28.68 | 64.21 3.91 -20.76 | 50.39 3.78 -10.64 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 50.01 3.64 -11.05 | 65.14 3.69 -24.54 | 68.08 4.74 -19.81 | 71.09 4.80 -20.54 | 73.50 5.50 -20.16 | 89.46 5.91 -33.49 | 76.14 6.30 -16.90 | 73.01 6.42 -11.74 | 76.35 6.44 -16.24 | 78.45 6.74 -18.25 | 80.28 6.62 -18.97 | 77.09 6.46 -17.24 | 76.95 6.30 -17.71 | 73.18 5.72 -17.70 | 72.34 5.31 -18.73 | 70.33 5.31 -16.71 | 69.53 5.19 -17.57 | 68.47 5.32 -13.43 | 65.26 4.96 -13.52 |
| BARRETT___1 23545 | 74.68 3.80 -28.68 | 64.10 3.80 -20.76 | 50.32 3.71 -10.64 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.90 3.53 -11.05 | 65.03 3.58 -24.54 | 67.78 4.44 -19.81 | 70.77 4.48 -20.54 | 73.12 5.12 -20.16 | 89.11 5.56 -33.49 | 75.82 5.98 -16.90 | 72.62 6.03 -11.74 | 75.98 6.07 -16.24 | 78.02 6.31 -18.25 | 79.95 6.29 -18.97 | 76.66 6.03 -17.24 | 76.53 5.88 -17.71 | 72.83 5.37 -17.70 | 72.00 4.97 -18.73 | 70.00 4.98 -16.71 | 69.20 4.86 -17.57 | 68.22 5.07 -13.43 | 65.03 4.73 -13.52 |
| BARRETT___2 23546 | 59.22 3.84 -13.18 | 55.19 3.84 -11.81 | 50.32 3.71 -10.64 | 49.37 3.27 -14.36 | 49.33 3.23 -14.40 | 49.94 3.57 -11.05 | 56.47 3.65 -15.91 | 58.41 4.61 -10.27 | 61.66 4.62 -11.29 | 62.27 5.26 -9.17 | 67.25 5.61 -11.58 | 67.89 5.98 -8.97 | 66.89 6.09 -5.95 | 67.98 6.12 -8.19 | 70.15 6.36 -10.33 | 71.91 6.24 -10.98 | 68.63 6.09 -9.15 | 68.40 5.93 -9.53 | 68.93 5.42 -13.75 | 65.47 5.02 -12.15 | 65.42 5.02 -12.09 | 64.59 4.91 -12.91 | 61.66 5.07 -6.87 | 58.68 4.82 -7.08 |
| BEAVER RIVER___HYD 24048 | 42.50 0.30 0.00 | 39.70 0.16 0.00 | 36.01 0.04 0.00 | 31.77 0.03 0.00 | 31.73 0.03 0.00 | 35.46 0.14 0.00 | 37.32 0.41 0.00 | 44.01 0.48 0.00 | 46.44 0.69 0.00 | 48.61 0.77 0.00 | 50.91 0.85 0.00 | 53.89 0.95 0.00 | 55.84 0.99 0.00 | 54.80 1.13 0.00 | 54.80 1.34 0.00 | 56.06 1.37 0.00 | 54.67 1.28 0.00 | 54.10 1.16 0.00 | 50.81 1.05 0.00 | 49.17 0.87 0.00 | 49.23 0.92 0.00 | 47.52 0.75 0.00 | 50.32 0.60 0.00 | 47.29 0.51 0.00 |
| BEEBEE_GT_13 23619 | 40.22 -1.98 0.00 | 39.34 -0.20 0.00 | 35.75 -0.22 0.00 | 30.13 -0.16 1.45 | 30.12 -0.13 1.45 | 35.28 -0.04 0.00 | 36.95 0.04 0.00 | 43.57 0.04 0.00 | 46.39 0.64 0.00 | 48.80 0.96 0.00 | 51.21 1.15 0.00 | 54.32 1.38 0.00 | 56.61 1.76 0.00 | 55.44 1.77 0.00 | 55.28 1.82 0.00 | 56.55 1.86 0.00 | 55.05 1.66 0.00 | 54.16 1.22 0.00 | 50.85 1.09 0.00 | 49.02 0.72 0.00 | 49.23 0.92 0.00 | 48.08 1.31 0.00 | 50.55 0.55 -0.28 | 46.08 -1.17 -0.47 |
| BETHLEHEM___STEEL 23779 | 36.59 -5.61 0.00 | 34.68 -4.86 0.00 | 31.62 -4.35 0.00 | 25.22 -3.78 2.74 | 25.22 -3.74 2.74 | 31.08 -4.24 0.00 | 32.30 -4.61 0.00 | 39.31 -4.22 0.00 | 41.45 -4.30 0.00 | 43.82 -4.02 0.00 | 45.81 -4.25 0.00 | 48.49 -4.45 0.00 | 50.90 -3.95 0.00 | 49.70 -3.97 0.00 | 49.61 -3.85 0.00 | 50.59 -4.10 0.00 | 49.28 -4.11 0.00 | 48.55 -4.39 0.00 | 45.93 -3.83 0.00 | 44.15 -4.15 0.00 | 44.49 -3.82 0.00 | 43.45 -3.32 0.00 | 45.13 -4.62 -0.03 | 37.95 -6.27 2.56 |
| BINGHAMTON___COGEN 23790 | 40.64 -1.56 0.00 | 38.20 -1.34 0.00 | 34.82 -1.15 0.00 | 33.33 -1.05 -2.64 | 33.29 -1.05 -2.64 | 34.12 -1.20 0.00 | 35.80 -1.11 0.00 | 43.23 -0.30 0.00 | 45.89 0.14 0.00 | 48.37 0.53 0.00 | 50.71 0.65 0.00 | 53.68 0.74 0.00 | 55.95 1.10 0.00 | 54.74 1.07 0.00 | 54.64 1.18 0.00 | 55.84 1.15 0.00 | 54.40 1.01 0.00 | 53.79 0.85 0.00 | 50.41 0.65 0.00 | 48.49 0.19 0.00 | 48.74 0.43 0.00 | 47.00 0.23 0.00 | 49.90 -0.50 -0.68 | 46.04 -1.50 -0.76 |
| BLACK RIVER___HYD 24047 | 42.41 0.21 0.00 | 39.54 0.00 0.00 | 35.86 -0.11 0.00 | 31.61 -0.13 0.00 | 31.60 -0.10 0.00 | 35.36 0.04 0.00 | 37.28 0.37 0.00 | 44.10 0.57 0.00 | 46.67 0.92 0.00 | 48.84 1.00 0.00 | 51.21 1.15 0.00 | 54.21 1.27 0.00 | 56.22 1.37 0.00 | 55.17 1.50 0.00 | 55.12 1.66 0.00 | 56.39 1.70 0.00 | 54.99 1.60 0.00 | 54.37 1.43 0.00 | 51.00 1.24 0.00 | 49.31 1.01 0.00 | 49.42 1.11 0.00 | 47.71 0.94 0.00 | 50.49 0.70 -0.07 | 47.38 0.47 -0.13 |
| BLUE_CIRC_CHEM_DRP 24182 | 43.55 1.35 0.00 | 41.00 1.46 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.66 1.34 0.00 | 38.20 1.29 0.00 | 45.18 1.65 0.00 | 47.49 1.74 0.00 | 49.90 2.06 0.00 | 52.36 2.30 0.00 | 55.48 2.54 0.00 | 57.43 2.58 0.00 | 56.19 2.52 0.00 | 56.03 2.57 0.00 | 57.26 2.57 0.00 | 55.95 2.56 0.00 | 55.53 2.59 0.00 | 52.05 2.29 0.00 | 50.47 2.17 0.00 | 50.44 2.13 0.00 | 48.87 2.10 0.00 | 54.65 2.24 -2.69 | 53.79 1.96 -5.05 |
| BOC_GAS_DRP 24189 | 43.51 1.31 0.00 | 40.96 1.42 0.00 | 37.37 1.40 0.00 | 32.98 1.24 0.00 | 32.94 1.24 0.00 | 36.63 1.31 0.00 | 38.20 1.29 0.00 | 45.18 1.65 0.00 | 47.44 1.69 0.00 | 49.85 2.01 0.00 | 52.31 2.25 0.00 | 55.43 2.49 0.00 | 57.37 2.52 0.00 | 56.09 2.42 0.00 | 55.92 2.46 0.00 | 57.21 2.52 0.00 | 55.85 2.46 0.00 | 55.43 2.49 0.00 | 52.00 2.24 0.00 | 50.38 2.08 0.00 | 50.39 2.08 0.00 | 48.83 2.06 0.00 | 54.58 2.14 -2.72 | 53.75 1.87 -5.10 |
| BOWLINE___1 23526 | 44.69 2.49 0.00 | 42.27 2.73 0.00 | 38.52 2.55 0.00 | 34.21 2.19 -0.28 | 34.17 2.19 -0.28 | 37.72 2.40 0.00 | 39.57 2.66 0.00 | 46.97 3.44 0.00 | 49.18 3.43 0.00 | 51.81 3.97 0.00 | 54.47 4.41 0.00 | 57.70 4.76 0.00 | 59.79 4.94 0.00 | 58.55 4.88 0.00 | 58.48 5.02 0.00 | 59.83 5.14 0.00 | 58.41 5.02 0.00 | 57.86 4.92 0.00 | 54.24 4.48 0.00 | 52.41 4.11 0.00 | 52.37 4.06 0.00 | 50.89 4.12 0.00 | 55.94 4.13 -2.09 | 54.32 3.70 -3.84 |
| BOWLINE___2 23595 | 44.82 2.62 0.00 | 42.31 2.77 0.00 | 38.52 2.55 0.00 | 34.24 2.22 -0.28 | 34.20 2.22 -0.28 | 37.76 2.44 0.00 | 39.60 2.69 0.00 | 47.10 3.57 0.00 | 49.36 3.61 0.00 | 52.05 4.21 0.00 | 54.72 4.66 0.00 | 57.97 5.03 0.00 | 60.06 5.21 0.00 | 58.82 5.15 0.00 | 58.75 5.29 0.00 | 60.10 5.41 0.00 | 58.68 5.29 0.00 | 58.13 5.19 0.00 | 54.44 4.68 0.00 | 52.60 4.30 0.00 | 52.56 4.25 0.00 | 51.03 4.26 0.00 | 56.19 4.38 -2.09 | 54.46 3.84 -3.84 |

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| BROOKHAVEN___DRP 24191 | 52.85 4.05 -6.60 | 51.66 4.11 -8.01 | 50.38 3.78 -10.63 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 49.94 3.57 -11.05 | 52.89 3.73 -12.25 | 54.40 4.66 -6.21 | 59.33 4.90 -8.68 | 60.03 5.65 -6.54 | 62.46 6.06 -6.34 | 66.42 6.41 -7.07 | 66.21 6.80 -4.56 | 66.75 6.82 -6.26 | 68.79 6.90 -8.43 | 70.75 7.00 -9.06 | 67.43 6.83 -7.21 | 67.23 6.72 -7.57 | 68.73 6.17 -12.80 | 64.57 5.70 -10.57 | 65.04 5.75 -10.98 | 64.17 5.61 -11.79 | 59.38 5.57 -4.09 | 56.07 4.82 -4.47 |
| BROOKLYN_NAVY_YARD 23515 | 60.96 3.67 -15.09 | 55.16 3.72 -11.90 | 39.42 3.45 0.00 | 35.04 3.02 -0.28 | 34.96 2.98 -0.28 | 38.64 3.32 0.00 | 55.18 3.58 -14.69 | 63.00 4.66 -14.81 | 65.40 4.80 -14.85 | 67.87 5.45 -14.58 | 72.12 5.96 -16.10 | 75.85 6.46 -16.45 | 76.25 6.69 -14.71 | 76.11 6.66 -15.78 | 76.05 6.74 -15.85 | 78.27 6.84 -16.74 | 76.03 6.73 -15.91 | 75.77 6.51 -16.32 | 67.77 5.92 -12.09 | 66.04 5.60 -12.14 | 63.91 5.56 -10.04 | 62.99 5.47 -10.75 | 62.55 5.67 -7.16 | 60.32 4.96 -8.58 |
| BURROWS___LYONSDAL 23803 | 42.75 0.55 0.00 | 39.97 0.43 0.00 | 36.33 0.36 0.00 | 32.03 0.29 0.00 | 32.02 0.32 0.00 | 35.74 0.42 0.00 | 37.54 0.63 0.00 | 44.40 0.87 0.00 | 46.85 1.10 0.00 | 49.04 1.20 0.00 | 51.41 1.35 0.00 | 54.42 1.48 0.00 | 56.39 1.54 0.00 | 55.23 1.56 0.00 | 55.12 1.66 0.00 | 56.33 1.64 0.00 | 54.83 1.44 0.00 | 54.32 1.38 0.00 | 50.95 1.19 0.00 | 49.36 1.06 0.00 | 49.37 1.06 0.00 | 47.75 0.98 0.00 | 50.61 0.89 0.00 | 47.48 0.70 0.00 |
| CALPINE BETH_PAGE_GT4 24209 | 54.67 4.22 -8.25 | 52.73 4.23 -8.96 | 50.52 3.92 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.11 3.74 -11.05 | 54.09 4.02 -13.16 | 55.94 5.18 -7.23 | 60.79 5.40 -9.64 | 61.49 5.98 -7.67 | 65.01 6.36 -8.59 | 67.77 6.94 -7.89 | 67.20 7.19 -5.16 | 67.90 7.14 -7.09 | 69.93 7.22 -9.25 | 71.96 7.38 -9.89 | 68.65 7.21 -8.05 | 68.39 7.04 -8.41 | 69.38 6.42 -13.20 | 65.54 5.99 -11.25 | 65.71 5.94 -11.46 | 64.84 5.80 -12.27 | 60.43 5.92 -4.79 | 57.31 5.38 -5.15 |
| CALSPAN___DRP 24200 | 36.59 -5.61 0.00 | 34.68 -4.86 0.00 | 31.62 -4.35 0.00 | 25.22 -3.78 2.74 | 25.22 -3.74 2.74 | 31.08 -4.24 0.00 | 32.30 -4.61 0.00 | 39.31 -4.22 0.00 | 41.45 -4.30 0.00 | 43.82 -4.02 0.00 | 45.81 -4.25 0.00 | 48.49 -4.45 0.00 | 50.90 -3.95 0.00 | 49.70 -3.97 0.00 | 49.61 -3.85 0.00 | 50.59 -4.10 0.00 | 49.28 -4.11 0.00 | 48.55 -4.39 0.00 | 45.93 -3.83 0.00 | 44.15 -4.15 0.00 | 44.49 -3.82 0.00 | 43.45 -3.32 0.00 | 45.13 -4.62 -0.03 | 37.95 -6.27 2.56 |
| CARR STREET_E__SYR 24060 | 41.36 -0.84 0.00 | 38.63 -0.91 0.00 | 35.14 -0.83 0.00 | 30.75 -0.73 0.26 | 30.74 -0.70 0.26 | 34.54 -0.78 0.00 | 36.21 -0.70 0.00 | 42.92 -0.61 0.00 | 45.29 -0.46 0.00 | 47.31 -0.53 0.00 | 49.51 -0.55 0.00 | 52.46 -0.48 0.00 | 54.41 -0.44 0.00 | 53.29 -0.38 0.00 | 53.09 -0.37 0.00 | 54.25 -0.44 0.00 | 52.96 -0.43 0.00 | 52.41 -0.53 0.00 | 49.21 -0.55 0.00 | 47.58 -0.72 0.00 | 47.63 -0.68 0.00 | 46.26 -0.51 0.00 | 49.25 -0.65 -0.18 | 46.08 -1.03 -0.33 |
| CARTHAGE___PAPER 23857 | 42.45 0.25 0.00 | 39.62 0.08 0.00 | 35.93 -0.04 0.00 | 31.68 -0.06 0.00 | 31.67 -0.03 0.00 | 35.43 0.11 0.00 | 37.32 0.41 0.00 | 44.10 0.57 0.00 | 46.57 0.82 0.00 | 48.75 0.91 0.00 | 51.11 1.05 0.00 | 54.10 1.16 0.00 | 56.06 1.21 0.00 | 55.01 1.34 0.00 | 55.01 1.55 0.00 | 56.22 1.53 0.00 | 54.83 1.44 0.00 | 54.26 1.32 0.00 | 50.90 1.14 0.00 | 49.27 0.97 0.00 | 49.32 1.01 0.00 | 47.61 0.84 0.00 | 50.42 0.65 -0.05 | 47.39 0.51 -0.10 |
| CE_DUNWOOD___DRP 24194 | 45.82 3.04 -0.58 | 43.16 3.16 -0.46 | 38.88 2.91 0.00 | 34.56 2.54 -0.28 | 34.52 2.54 -0.28 | 38.11 2.79 0.00 | 40.53 3.06 -0.56 | 48.10 4.00 -0.57 | 50.39 4.07 -0.57 | 53.14 4.74 -0.56 | 55.89 5.21 -0.62 | 59.18 5.61 -0.63 | 61.22 5.81 -0.56 | 60.02 5.74 -0.61 | 59.95 5.88 -0.61 | 61.35 6.02 -0.64 | 59.87 5.87 -0.61 | 59.29 5.72 -0.63 | 55.45 5.23 -0.46 | 53.60 4.83 -0.47 | 53.47 4.78 -0.38 | 51.95 4.77 -0.41 | 56.92 4.87 -2.33 | 55.18 4.30 -4.10 |
| CE_MILLWOOD___DRP 24193 | 45.61 2.91 -0.50 | 42.94 3.01 -0.39 | 38.74 2.77 0.00 | 34.43 2.41 -0.28 | 34.39 2.41 -0.28 | 37.97 2.65 0.00 | 40.31 2.92 -0.48 | 47.85 3.83 -0.49 | 50.13 3.89 -0.49 | 52.82 4.50 -0.48 | 55.55 4.96 -0.53 | 58.83 5.35 -0.54 | 60.92 5.59 -0.48 | 59.72 5.53 -0.52 | 59.59 5.61 -0.52 | 60.98 5.74 -0.55 | 59.57 5.66 -0.52 | 58.99 5.51 -0.54 | 55.14 4.98 -0.40 | 53.34 4.64 -0.40 | 53.18 4.54 -0.33 | 51.66 4.54 -0.35 | 56.68 4.67 -2.29 | 54.96 4.12 -4.06 |
| CE_NYC2_DRP 24202 | 64.43 3.71 -18.52 | 62.58 3.76 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.03 3.04 -0.29 | 38.69 3.36 -0.01 | 62.61 3.65 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.29 5.55 -17.90 | 79.53 6.01 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.59 6.68 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.67 6.07 -14.84 | 68.80 5.60 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| CE_NYC_DRP 24195 | 60.22 3.63 -14.39 | 54.56 3.68 -11.34 | 39.39 3.42 0.00 | 35.00 2.98 -0.28 | 34.93 2.95 -0.28 | 38.57 3.25 0.00 | 54.46 3.54 -14.01 | 62.26 4.61 -14.12 | 64.67 4.76 -14.16 | 67.19 5.45 -13.90 | 71.37 5.96 -15.35 | 75.03 6.41 -15.68 | 75.57 6.69 -14.03 | 75.32 6.60 -15.05 | 75.25 6.68 -15.11 | 77.49 6.84 -15.96 | 75.29 6.73 -15.17 | 75.06 6.56 -15.56 | 67.25 5.97 -11.52 | 65.38 5.51 -11.57 | 63.39 5.51 -9.57 | 62.45 5.43 -10.25 | 62.22 5.57 -6.93 | 60.06 4.91 -8.37 |
| CH_MIDHUDSON___DRP 24192 | 44.82 2.62 0.00 | 42.23 2.69 0.00 | 38.49 2.52 0.00 | 34.22 2.22 -0.26 | 34.15 2.19 -0.26 | 37.72 2.40 0.00 | 39.53 2.62 0.00 | 46.93 3.40 0.00 | 49.23 3.48 0.00 | 51.95 4.11 0.00 | 54.62 4.56 0.00 | 57.86 4.92 0.00 | 59.90 5.05 0.00 | 58.72 5.05 0.00 | 58.59 5.13 0.00 | 59.89 5.20 0.00 | 58.52 5.13 0.00 | 57.97 5.03 0.00 | 54.34 4.58 0.00 | 52.50 4.20 0.00 | 52.46 4.15 0.00 | 50.93 4.16 0.00 | 56.31 4.33 -2.26 | 54.79 3.84 -4.17 |
| CH_MISC_IPPS 23765 | 44.27 2.07 0.00 | 41.75 2.21 0.00 | 38.02 2.05 0.00 | 33.80 1.78 -0.28 | 33.76 1.78 -0.28 | 37.23 1.91 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.68 2.93 0.00 | 51.43 3.59 0.00 | 54.06 4.00 0.00 | 57.33 4.39 0.00 | 59.35 4.50 0.00 | 58.18 4.51 0.00 | 58.11 4.65 0.00 | 59.39 4.70 0.00 | 58.04 4.65 0.00 | 57.49 4.55 0.00 | 53.84 4.08 0.00 | 52.02 3.72 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.73 3.83 -2.18 | 54.16 3.37 -4.01 |
| CH_RES_BVR_FALLS 23983 | 42.12 -0.08 0.00 | 39.42 -0.12 0.00 | 35.86 -0.11 0.00 | 31.61 -0.13 0.00 | 31.57 -0.13 0.00 | 35.21 -0.11 0.00 | 36.80 -0.11 0.00 | 43.36 -0.17 0.00 | 45.57 -0.18 0.00 | 47.60 -0.24 0.00 | 49.76 -0.30 0.00 | 52.62 -0.32 0.00 | 54.47 -0.38 0.00 | 53.29 -0.38 0.00 | 53.09 -0.37 0.00 | 54.31 -0.38 0.00 | 52.96 -0.43 0.00 | 52.52 -0.42 0.00 | 49.41 -0.35 0.00 | 48.01 -0.29 0.00 | 48.02 -0.29 0.00 | 46.40 -0.37 0.00 | 49.20 -0.40 0.12 | 46.33 -0.23 0.22 |
| CH_RES_NIAGARA 23895 | 36.63 -5.57 0.00 | 34.68 -4.86 0.00 | 31.55 -4.42 0.00 | 25.71 -3.75 2.28 | 25.71 -3.71 2.28 | 31.12 -4.20 0.00 | 32.11 -4.80 0.00 | 38.52 -5.01 0.00 | 40.35 -5.40 0.00 | 42.43 -5.41 0.00 | 44.30 -5.76 0.00 | 46.85 -6.09 0.00 | 49.09 -5.76 0.00 | 47.82 -5.85 0.00 | 47.69 -5.77 0.00 | 48.67 -6.02 0.00 | 47.41 -5.98 0.00 | 46.64 -6.30 0.00 | 44.24 -5.52 0.00 | 42.75 -5.55 0.00 | 42.95 -5.36 0.00 | 42.37 -4.40 0.00 | 44.37 -5.32 0.03 | 37.06 -6.64 3.08 |
| CH_RES_SYRACUSE 23985 | 41.40 -0.80 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.64 -0.63 0.47 | 30.60 -0.63 0.47 | 34.65 -0.67 0.00 | 36.32 -0.59 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.66 -0.40 0.00 | 52.57 -0.37 0.00 | 54.52 -0.33 0.00 | 53.46 -0.21 0.00 | 53.25 -0.21 0.00 | 54.42 -0.27 0.00 | 53.07 -0.32 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.68 -0.63 0.00 | 46.30 -0.47 0.00 | 49.32 -0.60 -0.20 | 46.22 -0.94 -0.38 |

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|------------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| CORNELL____ 23752 | 39.46 -2.74 0.00 | 36.97 -2.57 0.00 | 33.60 -2.37 0.00 | 27.59 -2.13 2.02 | 27.59 -2.09 2.02 | 33.09 -2.23 0.00 | 34.92 -1.99 0.00 | 41.66 -1.87 0.00 | 44.38 -1.37 0.00 | 46.69 -1.15 0.00 | 49.01 -1.05 0.00 | 51.99 -0.95 0.00 | 54.08 -0.77 0.00 | 53.03 -0.64 0.00 | 52.87 -0.59 0.00 | 53.98 -0.71 0.00 | 52.48 -0.91 0.00 | 51.78 -1.16 0.00 | 48.52 -1.24 0.00 | 46.66 -1.64 0.00 | 46.86 -1.45 0.00 | 45.37 -1.40 0.00 | 47.91 -2.19 -0.38 | 44.27 -2.81 -0.30 |
| COXSACKIE___GT 23611 | 44.39 2.19 0.00 | 41.75 2.21 0.00 | 38.06 2.09 0.00 | 33.55 1.81 0.00 | 33.51 1.81 0.00 | 37.30 1.98 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.91 3.16 0.00 | 51.76 3.92 0.00 | 54.41 4.35 0.00 | 57.65 4.71 0.00 | 59.73 4.88 0.00 | 58.55 4.88 0.00 | 58.48 5.02 0.00 | 59.72 5.03 0.00 | 58.36 4.97 0.00 | 57.92 4.98 0.00 | 54.24 4.48 0.00 | 52.45 4.15 0.00 | 52.37 4.06 0.00 | 50.79 4.02 0.00 | 56.10 3.98 -2.40 | 54.71 3.51 -4.42 |
| CRESCENT___HYD 24018 | 44.35 2.15 0.00 | 41.71 2.17 0.00 | 37.98 2.01 0.00 | 33.55 1.81 0.00 | 33.54 1.84 0.00 | 37.33 2.01 0.00 | 38.98 2.07 0.00 | 45.97 2.44 0.00 | 48.31 2.56 0.00 | 50.85 3.01 0.00 | 53.41 3.35 0.00 | 56.54 3.60 0.00 | 58.58 3.73 0.00 | 57.37 3.70 0.00 | 57.20 3.74 0.00 | 58.52 3.83 0.00 | 57.18 3.79 0.00 | 56.75 3.81 0.00 | 53.24 3.48 0.00 | 51.58 3.28 0.00 | 51.59 3.28 0.00 | 49.95 3.18 0.00 | 55.60 3.13 -2.75 | 54.79 2.85 -5.16 |
| CRUCIBLE_METL_DRP 24180 | 41.40 -0.80 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.64 -0.63 0.47 | 30.60 -0.63 0.47 | 34.65 -0.67 0.00 | 36.32 -0.59 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.66 -0.40 0.00 | 52.57 -0.37 0.00 | 54.52 -0.33 0.00 | 53.46 -0.21 0.00 | 53.25 -0.21 0.00 | 54.42 -0.27 0.00 | 53.07 -0.32 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.68 -0.63 0.00 | 46.30 -0.47 0.00 | 49.32 -0.60 -0.20 | 46.22 -0.94 -0.38 |
| CSC___481_PGEN 24222 | 52.94 4.14 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.46 3.36 -14.40 | 50.01 3.64 -11.05 | 52.96 3.80 -12.25 | 54.48 4.74 -6.21 | 59.42 4.99 -8.68 | 60.12 5.74 -6.54 | 62.56 6.16 -6.34 | 66.52 6.51 -7.07 | 66.32 6.91 -4.56 | 66.85 6.92 -6.26 | 68.95 7.06 -8.43 | 70.86 7.11 -9.06 | 67.54 6.94 -7.21 | 67.39 6.88 -7.57 | 68.83 6.27 -12.80 | 64.67 5.80 -10.57 | 65.14 5.85 -10.98 | 64.27 5.71 -11.79 | 59.48 5.67 -4.09 | 56.16 4.91 -4.47 |
| DANSKAMMER___1 23586 | 44.27 2.07 0.00 | 41.75 2.21 0.00 | 38.02 2.05 0.00 | 33.80 1.78 -0.28 | 33.76 1.78 -0.28 | 37.23 1.91 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.68 2.93 0.00 | 51.43 3.59 0.00 | 54.06 4.00 0.00 | 57.33 4.39 0.00 | 59.35 4.50 0.00 | 58.18 4.51 0.00 | 58.11 4.65 0.00 | 59.39 4.70 0.00 | 58.04 4.65 0.00 | 57.49 4.55 0.00 | 53.84 4.08 0.00 | 52.02 3.72 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.73 3.83 -2.18 | 54.16 3.37 -4.01 |
| DANSKAMMER___2 23589 | 44.27 2.07 0.00 | 41.75 2.21 0.00 | 38.02 2.05 0.00 | 33.80 1.78 -0.28 | 33.76 1.78 -0.28 | 37.23 1.91 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.68 2.93 0.00 | 51.43 3.59 0.00 | 54.06 4.00 0.00 | 57.33 4.39 0.00 | 59.35 4.50 0.00 | 58.18 4.51 0.00 | 58.11 4.65 0.00 | 59.39 4.70 0.00 | 58.04 4.65 0.00 | 57.49 4.55 0.00 | 53.84 4.08 0.00 | 52.02 3.72 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.73 3.83 -2.18 | 54.16 3.37 -4.01 |
| DANSKAMMER___3 23590 | 44.14 1.94 0.00 | 41.60 2.06 0.00 | 37.88 1.91 0.00 | 33.67 1.65 -0.28 | 33.63 1.65 -0.28 | 37.12 1.80 0.00 | 38.98 2.07 0.00 | 46.27 2.74 0.00 | 48.50 2.75 0.00 | 51.24 3.40 0.00 | 53.86 3.80 0.00 | 57.07 4.13 0.00 | 59.13 4.28 0.00 | 57.96 4.29 0.00 | 57.84 4.38 0.00 | 59.17 4.48 0.00 | 57.82 4.43 0.00 | 57.23 4.29 0.00 | 53.64 3.88 0.00 | 51.83 3.53 0.00 | 51.74 3.43 0.00 | 50.28 3.51 0.00 | 55.53 3.63 -2.18 | 53.97 3.18 -4.01 |
| DANSKAMMER___4 23591 | 44.10 1.90 0.00 | 41.60 2.06 0.00 | 37.88 1.91 0.00 | 33.67 1.65 -0.28 | 33.63 1.65 -0.28 | 37.12 1.80 0.00 | 38.98 2.07 0.00 | 46.27 2.74 0.00 | 48.50 2.75 0.00 | 51.24 3.40 0.00 | 53.86 3.80 0.00 | 57.07 4.13 0.00 | 59.07 4.22 0.00 | 57.96 4.29 0.00 | 57.84 4.38 0.00 | 59.17 4.48 0.00 | 57.82 4.43 0.00 | 57.23 4.29 0.00 | 53.64 3.88 0.00 | 51.83 3.53 0.00 | 51.74 3.43 0.00 | 50.28 3.51 0.00 | 55.53 3.63 -2.18 | 53.97 3.18 -4.01 |
| DANSKAMMER___DIESEL 23592 | 44.27 2.07 0.00 | 41.75 2.21 0.00 | 38.02 2.05 0.00 | 33.80 1.78 -0.28 | 33.76 1.78 -0.28 | 37.23 1.91 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.68 2.93 0.00 | 51.43 3.59 0.00 | 54.06 4.00 0.00 | 57.33 4.39 0.00 | 59.35 4.50 0.00 | 58.18 4.51 0.00 | 58.11 4.65 0.00 | 59.39 4.70 0.00 | 58.04 4.65 0.00 | 57.49 4.55 0.00 | 53.84 4.08 0.00 | 52.02 3.72 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.73 3.83 -2.18 | 54.16 3.37 -4.01 |
| DASHVILLE___HYD 23610 | 44.82 2.62 0.00 | 42.27 2.73 0.00 | 38.49 2.52 0.00 | 34.21 2.19 -0.28 | 34.17 2.19 -0.28 | 37.69 2.37 0.00 | 39.60 2.69 0.00 | 47.06 3.53 0.00 | 49.32 3.57 0.00 | 52.10 4.26 0.00 | 54.77 4.71 0.00 | 58.08 5.14 0.00 | 60.12 5.27 0.00 | 58.93 5.26 0.00 | 58.86 5.40 0.00 | 60.16 5.47 0.00 | 58.84 5.45 0.00 | 58.23 5.29 0.00 | 54.54 4.78 0.00 | 52.70 4.40 0.00 | 52.61 4.30 0.00 | 51.12 4.35 0.00 | 56.44 4.52 -2.20 | 54.81 3.98 -4.05 |
| DOGLEVILLE___HYD 23807 | 43.97 1.77 0.00 | 41.16 1.62 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.77 1.45 0.00 | 38.57 1.66 0.00 | 45.84 2.31 0.00 | 48.40 2.65 0.00 | 50.76 2.92 0.00 | 53.21 3.15 0.00 | 56.33 3.39 0.00 | 58.47 3.62 0.00 | 57.16 3.49 0.00 | 56.93 3.47 0.00 | 58.25 3.56 0.00 | 56.54 3.15 0.00 | 56.01 3.07 0.00 | 52.55 2.79 0.00 | 50.86 2.56 0.00 | 50.92 2.61 0.00 | 49.25 2.48 0.00 | 52.06 2.39 0.05 | 48.60 1.92 0.10 |
| DUNKIRK___1 23563 | 34.94 -7.26 0.00 | 33.25 -6.29 0.00 | 30.50 -5.47 0.00 | 23.90 -4.79 3.05 | 23.86 -4.79 3.05 | 29.95 -5.37 0.00 | 31.37 -5.54 0.00 | 38.83 -4.70 0.00 | 41.50 -4.25 0.00 | 44.20 -3.64 0.00 | 46.11 -3.95 0.00 | 48.86 -4.08 0.00 | 51.56 -3.29 0.00 | 50.40 -3.27 0.00 | 50.36 -3.10 0.00 | 51.35 -3.34 0.00 | 50.03 -3.36 0.00 | 49.34 -3.60 0.00 | 46.43 -3.33 0.00 | 44.29 -4.01 0.00 | 44.88 -3.43 0.00 | 43.22 -3.55 0.00 | 44.18 -5.62 -0.08 | 36.72 -7.77 2.29 |
| DUNKIRK___2 23564 | 34.94 -7.26 0.00 | 33.25 -6.29 0.00 | 30.50 -5.47 0.00 | 23.90 -4.79 3.05 | 23.86 -4.79 3.05 | 29.95 -5.37 0.00 | 31.37 -5.54 0.00 | 38.83 -4.70 0.00 | 41.50 -4.25 0.00 | 44.20 -3.64 0.00 | 46.11 -3.95 0.00 | 48.86 -4.08 0.00 | 51.56 -3.29 0.00 | 50.40 -3.27 0.00 | 50.36 -3.10 0.00 | 51.35 -3.34 0.00 | 50.03 -3.36 0.00 | 49.34 -3.60 0.00 | 46.43 -3.33 0.00 | 44.29 -4.01 0.00 | 44.88 -3.43 0.00 | 43.22 -3.55 0.00 | 44.18 -5.62 -0.08 | 36.72 -7.77 2.29 |
| DUNKIRK___3 23565 | 35.41 -6.79 0.00 | 33.65 -5.89 0.00 | 30.83 -5.14 0.00 | 24.13 -4.51 3.10 | 24.13 -4.47 3.10 | 30.27 -5.05 0.00 | 31.67 -5.24 0.00 | 39.00 -4.53 0.00 | 41.59 -4.16 0.00 | 44.25 -3.59 0.00 | 46.16 -3.90 0.00 | 48.92 -4.02 0.00 | 51.56 -3.29 0.00 | 50.40 -3.27 0.00 | 50.31 -3.15 0.00 | 51.35 -3.34 0.00 | 50.03 -3.36 0.00 | 49.29 -3.65 0.00 | 46.43 -3.33 0.00 | 44.34 -3.96 0.00 | 44.88 -3.43 0.00 | 43.36 -3.41 0.00 | 44.49 -5.32 -0.09 | 37.23 -7.30 2.25 |
| DUNKIRK___4 23566 | 35.41 -6.79 0.00 | 33.65 -5.89 0.00 | 30.83 -5.14 0.00 | 24.13 -4.51 3.10 | 24.13 -4.47 3.10 | 30.27 -5.05 0.00 | 31.67 -5.24 0.00 | 39.00 -4.53 0.00 | 41.59 -4.16 0.00 | 44.25 -3.59 0.00 | 46.16 -3.90 0.00 | 48.92 -4.02 0.00 | 51.56 -3.29 0.00 | 50.40 -3.27 0.00 | 50.31 -3.15 0.00 | 51.35 -3.34 0.00 | 50.03 -3.36 0.00 | 49.29 -3.65 0.00 | 46.43 -3.33 0.00 | 44.34 -3.96 0.00 | 44.88 -3.43 0.00 | 43.36 -3.41 0.00 | 44.49 -5.32 -0.09 | 37.23 -7.30 2.25 |

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| EAST HAMPTON___GT 23717 | 54.83 6.03 -6.60 | 53.36 5.81 -8.01 | 51.85 5.25 -10.63 | 50.67 4.57 -14.36 | 50.63 4.53 -14.40 | 51.39 5.02 -11.05 | 54.66 5.50 -12.25 | 56.92 7.18 -6.21 | 62.34 7.91 -8.68 | 63.42 9.04 -6.54 | 66.21 9.81 -6.34 | 70.49 10.48 -7.07 | 70.76 11.35 -4.56 | 71.20 11.27 -6.26 | 73.33 11.44 -8.43 | 75.35 11.60 -9.06 | 71.87 11.27 -7.21 | 71.63 11.12 -7.57 | 72.81 10.25 -12.80 | 68.38 9.51 -10.57 | 68.85 9.56 -10.98 | 67.73 9.17 -11.79 | 62.56 8.75 -4.09 | 58.50 7.25 -4.47 |
| EAST RIVER___6 23660 | 61.00 3.71 -15.09 | 55.20 3.76 -11.90 | 39.46 3.49 0.00 | 35.07 3.05 -0.28 | 34.99 3.01 -0.28 | 38.64 3.32 0.00 | 55.22 3.62 -14.69 | 63.00 4.66 -14.81 | 65.36 4.76 -14.85 | 67.87 5.45 -14.58 | 72.12 5.96 -16.10 | 75.80 6.41 -16.45 | 76.25 6.69 -14.71 | 76.11 6.66 -15.78 | 76.05 6.74 -15.85 | 78.32 6.89 -16.74 | 76.03 6.73 -15.91 | 75.82 6.56 -16.32 | 67.82 5.97 -12.09 | 65.95 5.51 -12.14 | 63.86 5.51 -10.04 | 62.99 5.47 -10.75 | 62.60 5.72 -7.16 | 60.41 5.05 -8.58 |
| EAST RIVER___7 23524 | 61.00 3.71 -15.09 | 55.20 3.76 -11.90 | 39.46 3.49 0.00 | 35.07 3.05 -0.28 | 34.99 3.01 -0.28 | 38.64 3.32 0.00 | 55.22 3.62 -14.69 | 63.00 4.66 -14.81 | 65.36 4.76 -14.85 | 67.87 5.45 -14.58 | 72.12 5.96 -16.10 | 75.80 6.41 -16.45 | 76.25 6.69 -14.71 | 76.11 6.66 -15.78 | 76.05 6.74 -15.85 | 78.32 6.89 -16.74 | 76.03 6.73 -15.91 | 75.82 6.56 -16.32 | 67.82 5.97 -12.09 | 65.95 5.51 -12.14 | 63.86 5.51 -10.04 | 62.99 5.47 -10.75 | 62.60 5.72 -7.16 | 60.41 5.05 -8.58 |
| EAST_HAMPTON___DIESEL 23722 | 54.83 6.03 -6.60 | 53.36 5.81 -8.01 | 51.85 5.25 -10.63 | 50.67 4.57 -14.36 | 50.63 4.53 -14.40 | 51.39 5.02 -11.05 | 54.66 5.50 -12.25 | 56.92 7.18 -6.21 | 62.34 7.91 -8.68 | 63.42 9.04 -6.54 | 66.21 9.81 -6.34 | 70.49 10.48 -7.07 | 70.76 11.35 -4.56 | 71.20 11.27 -6.26 | 73.33 11.44 -8.43 | 75.35 11.60 -9.06 | 71.87 11.27 -7.21 | 71.63 11.12 -7.57 | 72.81 10.25 -12.80 | 68.38 9.51 -10.57 | 68.85 9.56 -10.98 | 67.73 9.17 -11.79 | 62.56 8.75 -4.09 | 58.50 7.25 -4.47 |
| ELEC_TRO_TEK 24086 | 54.80 3.84 -8.76 | 52.64 3.84 -9.26 | 50.13 3.53 -10.63 | 49.21 3.11 -14.36 | 49.18 3.08 -14.40 | 49.76 3.39 -11.05 | 54.01 3.65 -13.45 | 55.77 4.70 -7.54 | 60.64 4.85 -10.04 | 61.57 5.55 -8.18 | 65.59 5.91 -9.62 | 67.66 6.46 -8.26 | 66.92 6.64 -5.43 | 67.74 6.60 -7.47 | 69.76 6.68 -9.62 | 71.79 6.84 -10.26 | 68.48 6.67 -8.42 | 68.24 6.51 -8.79 | 69.07 5.92 -13.39 | 65.37 5.51 -11.56 | 65.49 5.51 -11.67 | 64.64 5.38 -12.49 | 60.24 5.52 -5.00 | 57.10 4.96 -5.36 |
| E_CANADA_CAP_HY 24051 | 43.34 1.14 0.00 | 40.73 1.19 0.00 | 37.12 1.15 0.00 | 33.15 1.02 -0.39 | 33.14 1.05 -0.39 | 36.45 1.13 0.00 | 38.16 1.25 0.00 | 45.18 1.65 0.00 | 47.72 1.97 0.00 | 50.18 2.34 0.00 | 52.61 2.55 0.00 | 55.69 2.75 0.00 | 57.76 2.91 0.00 | 56.51 2.84 0.00 | 56.72 3.26 0.00 | 58.03 3.34 0.00 | 56.75 3.36 0.00 | 56.33 3.39 0.00 | 52.80 3.04 0.00 | 51.10 2.80 0.00 | 51.16 2.85 0.00 | 49.39 2.62 0.00 | 55.57 2.39 -3.46 | 55.08 1.92 -6.38 |
| E_CANADA_MHWK_HY 24050 | 43.97 1.77 0.00 | 41.16 1.62 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.77 1.45 0.00 | 38.57 1.66 0.00 | 45.84 2.31 0.00 | 48.40 2.65 0.00 | 50.76 2.92 0.00 | 53.21 3.15 0.00 | 56.33 3.39 0.00 | 58.47 3.62 0.00 | 57.16 3.49 0.00 | 56.93 3.47 0.00 | 58.25 3.56 0.00 | 56.54 3.15 0.00 | 56.01 3.07 0.00 | 52.55 2.79 0.00 | 50.86 2.56 0.00 | 50.92 2.61 0.00 | 49.25 2.48 0.00 | 52.06 2.39 0.05 | 48.60 1.92 0.10 |
| E_FISHKILL___LBMP 23776 | 44.90 2.70 0.00 | 42.35 2.81 0.00 | 38.60 2.63 0.00 | 34.31 2.29 -0.28 | 34.26 2.28 -0.28 | 37.79 2.47 0.00 | 39.60 2.69 0.00 | 47.01 3.48 0.00 | 49.27 3.52 0.00 | 51.95 4.11 0.00 | 54.57 4.51 0.00 | 57.81 4.87 0.00 | 59.90 5.05 0.00 | 58.66 4.99 0.00 | 58.59 5.13 0.00 | 59.89 5.20 0.00 | 58.52 5.13 0.00 | 57.97 5.03 0.00 | 54.29 4.53 0.00 | 52.50 4.20 0.00 | 52.46 4.15 0.00 | 50.93 4.16 0.00 | 56.23 4.33 -2.18 | 54.62 3.84 -4.00 |
| FAR ROCKAWAY___4 23548 | 71.77 5.02 -24.55 | 62.73 4.82 -18.37 | 51.14 4.53 -10.64 | 50.04 3.94 -14.36 | 50.03 3.93 -14.40 | 50.71 4.34 -11.05 | 63.83 4.69 -22.23 | 66.88 6.09 -17.26 | 72.28 5.99 -20.54 | 75.78 6.89 -21.05 | 92.83 7.51 -35.26 | 78.20 7.73 -17.53 | 74.67 7.62 -12.20 | 78.12 7.57 -16.88 | 79.61 7.27 -18.88 | 81.79 7.49 -19.61 | 78.76 7.48 -17.89 | 78.62 7.31 -18.37 | 74.44 6.67 -18.01 | 73.78 6.23 -19.25 | 71.66 6.28 -17.07 | 70.79 6.08 -17.94 | 67.96 6.56 -11.68 | 64.68 6.08 -11.82 |
| FENNER___WINDPWR 24204 | 42.66 0.46 0.00 | 39.90 0.36 0.00 | 36.26 0.29 0.00 | 31.96 0.22 0.00 | 31.95 0.25 0.00 | 35.64 0.32 0.00 | 37.46 0.55 0.00 | 44.44 0.91 0.00 | 46.94 1.19 0.00 | 49.13 1.29 0.00 | 51.51 1.45 0.00 | 54.58 1.64 0.00 | 56.61 1.76 0.00 | 55.39 1.72 0.00 | 55.22 1.76 0.00 | 56.44 1.75 0.00 | 54.94 1.55 0.00 | 54.37 1.43 0.00 | 51.00 1.24 0.00 | 49.36 1.06 0.00 | 49.42 1.11 0.00 | 47.85 1.08 0.00 | 50.72 0.94 -0.06 | 47.46 0.56 -0.12 |
| FIBERTEK___ENERGY 23856 | 41.40 -0.80 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.64 -0.63 0.47 | 30.60 -0.63 0.47 | 34.65 -0.67 0.00 | 36.32 -0.59 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.66 -0.40 0.00 | 52.57 -0.37 0.00 | 54.52 -0.33 0.00 | 53.46 -0.21 0.00 | 53.25 -0.21 0.00 | 54.42 -0.27 0.00 | 53.07 -0.32 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.68 -0.63 0.00 | 46.30 -0.47 0.00 | 49.32 -0.60 -0.20 | 46.22 -0.94 -0.38 |
| FITZPATRICK___ 23598 | 40.81 -1.39 0.00 | 38.08 -1.46 0.00 | 34.60 -1.37 0.00 | 30.57 -1.17 0.00 | 30.53 -1.17 0.00 | 34.01 -1.31 0.00 | 35.58 -1.33 0.00 | 42.05 -1.48 0.00 | 44.29 -1.46 0.00 | 46.07 -1.77 0.00 | 48.21 -1.85 0.00 | 51.03 -1.91 0.00 | 52.88 -1.97 0.00 | 51.79 -1.88 0.00 | 51.59 -1.87 0.00 | 52.78 -1.91 0.00 | 51.47 -1.92 0.00 | 50.98 -1.96 0.00 | 47.92 -1.84 0.00 | 46.42 -1.88 0.00 | 46.47 -1.84 0.00 | 45.13 -1.64 0.00 | 48.26 -1.59 -0.13 | 45.24 -1.78 -0.24 |
| FORT ORANGE___ 23900 | 43.89 1.69 0.00 | 41.36 1.82 0.00 | 37.70 1.73 0.00 | 33.30 1.56 0.00 | 33.25 1.55 0.00 | 36.98 1.66 0.00 | 38.64 1.73 0.00 | 45.71 2.18 0.00 | 47.99 2.24 0.00 | 50.52 2.68 0.00 | 53.06 3.00 0.00 | 56.17 3.23 0.00 | 58.20 3.35 0.00 | 56.94 3.27 0.00 | 56.83 3.37 0.00 | 58.08 3.39 0.00 | 56.75 3.36 0.00 | 56.28 3.34 0.00 | 52.80 3.04 0.00 | 51.10 2.80 0.00 | 51.11 2.80 0.00 | 49.48 2.71 0.00 | 55.12 2.73 -2.67 | 54.23 2.43 -5.02 |
| FORT_DRUM_COGEN 23780 | 42.33 0.13 0.00 | 39.46 -0.08 0.00 | 35.79 -0.18 0.00 | 31.58 -0.16 0.00 | 31.54 -0.16 0.00 | 35.28 -0.04 0.00 | 37.21 0.30 0.00 | 44.01 0.48 0.00 | 46.53 0.78 0.00 | 48.75 0.91 0.00 | 51.11 1.05 0.00 | 54.10 1.16 0.00 | 56.11 1.26 0.00 | 55.07 1.40 0.00 | 55.01 1.55 0.00 | 56.28 1.59 0.00 | 54.89 1.50 0.00 | 54.26 1.32 0.00 | 50.90 1.14 0.00 | 49.22 0.92 0.00 | 49.32 1.01 0.00 | 47.57 0.80 0.00 | 50.39 0.60 -0.07 | 47.28 0.37 -0.13 |
| FPL_FAR_ROCK_GT1 24212 | 71.77 5.02 -24.55 | 62.73 4.82 -18.37 | 51.14 4.53 -10.64 | 50.04 3.94 -14.36 | 50.03 3.93 -14.40 | 50.71 4.34 -11.05 | 63.83 4.69 -22.23 | 66.88 6.09 -17.26 | 72.28 5.54 -20.54 | 75.78 6.89 -21.05 | 92.83 7.51 -35.26 | 78.20 7.73 -17.53 | 74.67 7.08 -12.20 | 78.12 7.57 -16.88 | 79.61 6.68 -18.88 | 81.79 6.89 -19.61 | 78.76 6.94 -17.89 | 78.62 6.72 -18.37 | 74.44 6.17 -18.01 | 73.78 5.75 -19.25 | 71.66 5.80 -17.07 | 70.79 6.08 -17.94 | 67.96 6.56 -11.68 | 64.68 6.08 -11.82 |
| FPL_FAR_ROCK_GT2 23815 | 71.77 5.02 -24.55 | 62.73 4.82 -18.37 | 51.14 4.53 -10.64 | 50.04 3.94 -14.36 | 50.03 3.93 -14.40 | 50.71 4.34 -11.05 | 63.83 4.69 -22.23 | 66.88 6.09 -17.26 | 72.28 5.54 -20.54 | 75.78 6.89 -21.05 | 92.83 7.51 -35.26 | 78.20 7.73 -17.53 | 74.67 7.08 -12.20 | 78.12 7.57 -16.88 | 79.61 6.68 -18.88 | 81.79 6.89 -19.61 | 78.76 6.94 -17.89 | 78.62 6.72 -18.37 | 74.44 6.17 -18.01 | 73.78 5.75 -19.25 | 71.66 5.80 -17.07 | 70.79 6.08 -17.94 | 67.96 6.56 -11.68 | 64.68 6.08 -11.82 |

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| FRANKLIN_FALL_HYD 24054 | 41.82 -0.38 0.00 | 39.11 -0.43 0.00 | 35.47 -0.50 0.00 | 31.30 -0.44 0.00 | 31.26 -0.44 0.00 | 34.90 -0.42 0.00 | 36.47 -0.44 0.00 | 42.75 -0.78 0.00 | 44.83 -0.92 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.51 -1.43 0.00 | 53.31 -1.54 0.00 | 52.17 -1.50 0.00 | 52.07 -1.39 0.00 | 53.32 -1.37 0.00 | 52.06 -1.33 0.00 | 51.72 -1.22 0.00 | 48.76 -1.00 0.00 | 47.48 -0.82 0.00 | 47.39 -0.92 0.00 | 45.60 -1.17 0.00 | 48.46 -1.19 0.07 | 46.04 -0.61 0.13 |
| FULTON COGEN____ 23766 | 41.61 -0.59 0.00 | 38.79 -0.75 0.00 | 35.25 -0.72 0.00 | 30.88 -0.60 0.26 | 30.84 -0.60 0.26 | 34.68 -0.64 0.00 | 36.36 -0.55 0.00 | 43.01 -0.52 0.00 | 45.43 -0.32 0.00 | 47.36 -0.48 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.47 -0.38 0.00 | 53.35 -0.32 0.00 | 53.14 -0.32 0.00 | 54.36 -0.33 0.00 | 53.02 -0.37 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.73 -0.58 0.00 | 46.30 -0.47 0.00 | 49.38 -0.50 -0.16 | 46.24 -0.84 -0.30 |
| G.F.CEMENT____DRP 24184 | 45.32 3.12 0.00 | 42.58 3.04 0.00 | 38.70 2.73 0.00 | 34.22 2.48 0.00 | 34.17 2.47 0.00 | 38.07 2.75 0.00 | 39.83 2.92 0.00 | 46.71 3.18 0.00 | 49.00 3.25 0.00 | 51.62 3.78 0.00 | 54.26 4.20 0.00 | 57.39 4.45 0.00 | 59.62 4.77 0.00 | 58.34 4.67 0.00 | 58.22 4.76 0.00 | 60.00 5.31 0.00 | 58.62 5.23 0.00 | 58.13 5.19 0.00 | 54.64 4.88 0.00 | 53.03 4.73 0.00 | 53.04 4.73 0.00 | 51.26 4.49 0.00 | 56.92 4.38 -2.82 | 56.00 3.93 -5.29 |
| GARDENVILLE____LBMP 24039 | 36.46 -5.74 0.00 | 34.56 -4.98 0.00 | 31.51 -4.46 0.00 | 25.18 -3.84 2.72 | 25.18 -3.80 2.72 | 31.01 -4.31 0.00 | 32.22 -4.69 0.00 | 39.18 -4.35 0.00 | 41.36 -4.39 0.00 | 43.73 -4.11 0.00 | 45.65 -4.41 0.00 | 48.33 -4.61 0.00 | 50.79 -4.06 0.00 | 49.59 -4.08 0.00 | 49.45 -4.01 0.00 | 50.48 -4.21 0.00 | 49.17 -4.22 0.00 | 48.39 -4.55 0.00 | 45.78 -3.98 0.00 | 44.00 -4.30 0.00 | 44.35 -3.96 0.00 | 43.36 -3.41 0.00 | 44.97 -4.77 -0.02 | 37.75 -6.41 2.62 |
| GENERAL____MILLS 23808 | 36.59 -5.61 0.00 | 34.68 -4.86 0.00 | 31.62 -4.35 0.00 | 25.22 -3.78 2.74 | 25.22 -3.74 2.74 | 31.08 -4.24 0.00 | 32.30 -4.61 0.00 | 39.31 -4.22 0.00 | 41.45 -4.30 0.00 | 43.82 -4.02 0.00 | 45.81 -4.25 0.00 | 48.49 -4.45 0.00 | 50.90 -3.95 0.00 | 49.70 -3.97 0.00 | 49.61 -3.85 0.00 | 50.59 -4.10 0.00 | 49.28 -4.11 0.00 | 48.55 -4.39 0.00 | 45.93 -3.83 0.00 | 44.15 -4.15 0.00 | 44.49 -3.82 0.00 | 43.45 -3.32 0.00 | 45.13 -4.62 -0.03 | 37.95 -6.27 2.56 |
| GE_PLASTICS____DRP 24183 | 43.30 1.10 0.00 | 40.77 1.23 0.00 | 37.19 1.22 0.00 | 32.82 1.08 0.00 | 32.78 1.08 0.00 | 36.45 1.13 0.00 | 38.02 1.11 0.00 | 44.92 1.39 0.00 | 47.21 1.46 0.00 | 49.61 1.77 0.00 | 52.06 2.00 0.00 | 55.16 2.22 0.00 | 57.10 2.25 0.00 | 55.82 2.15 0.00 | 55.71 2.25 0.00 | 56.93 2.24 0.00 | 55.63 2.24 0.00 | 55.16 2.22 0.00 | 51.75 1.99 0.00 | 50.18 1.88 0.00 | 50.15 1.84 0.00 | 48.59 1.82 0.00 | 54.31 1.89 -2.70 | 53.53 1.68 -5.07 |
| GILBOA____1 23756 | 43.47 1.27 0.00 | 41.00 1.46 0.00 | 37.55 1.58 0.00 | 33.48 1.40 -0.34 | 33.43 1.39 -0.34 | 36.73 1.41 0.00 | 38.20 1.29 0.00 | 45.27 1.74 0.00 | 47.58 1.83 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.59 2.65 0.00 | 57.48 2.63 0.00 | 56.09 2.42 0.00 | 55.97 2.51 0.00 | 57.21 2.52 0.00 | 55.90 2.51 0.00 | 55.53 2.59 0.00 | 52.10 2.34 0.00 | 50.57 2.27 0.00 | 50.58 2.27 0.00 | 49.02 2.25 0.00 | 54.04 2.24 -2.08 | 52.46 1.87 -3.81 |
| GILBOA____2 23757 | 43.47 1.27 0.00 | 41.00 1.46 0.00 | 37.73 1.76 0.00 | 33.64 1.56 -0.34 | 33.56 1.52 -0.34 | 36.87 1.55 0.00 | 38.20 1.29 0.00 | 45.27 1.74 0.00 | 47.58 1.83 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.59 2.65 0.00 | 57.48 2.63 0.00 | 55.92 2.25 0.00 | 55.76 2.30 0.00 | 57.04 2.35 0.00 | 55.74 2.35 0.00 | 55.53 2.59 0.00 | 52.10 2.34 0.00 | 50.57 2.27 0.00 | 50.58 2.27 0.00 | 49.02 2.25 0.00 | 54.04 2.24 -2.08 | 52.46 1.87 -3.81 |
| GILBOA____3 23758 | 43.47 1.27 0.00 | 41.00 1.46 0.00 | 37.73 1.76 0.00 | 33.64 1.56 -0.34 | 33.56 1.52 -0.34 | 36.73 1.41 0.00 | 38.20 1.29 0.00 | 45.27 1.74 0.00 | 47.58 1.83 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.59 2.65 0.00 | 57.26 2.41 0.00 | 55.87 2.20 0.00 | 55.76 2.30 0.00 | 56.99 2.30 0.00 | 55.69 2.30 0.00 | 55.32 2.38 0.00 | 51.90 2.14 0.00 | 50.57 2.27 0.00 | 50.58 2.27 0.00 | 49.02 2.25 0.00 | 54.04 2.24 -2.08 | 52.46 1.87 -3.81 |
| GILBOA____4 23759 | 43.47 1.27 0.00 | 41.16 1.62 0.00 | 37.73 1.76 0.00 | 33.64 1.56 -0.34 | 33.56 1.52 -0.34 | 36.87 1.55 0.00 | 38.20 1.29 0.00 | 45.27 1.74 0.00 | 47.58 1.83 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.59 2.65 0.00 | 57.48 2.63 0.00 | 56.09 2.42 0.00 | 55.97 2.51 0.00 | 57.21 2.52 0.00 | 55.90 2.51 0.00 | 55.53 2.59 0.00 | 52.10 2.34 0.00 | 50.57 2.27 0.00 | 50.58 2.27 0.00 | 49.02 2.25 0.00 | 54.04 2.24 -2.08 | 52.46 1.87 -3.81 |
| GILBOA____ 23599 | 43.47 1.27 0.00 | 41.00 1.46 0.00 | 37.55 1.58 0.00 | 33.48 1.40 -0.34 | 33.43 1.39 -0.34 | 36.73 1.41 0.00 | 38.20 1.29 0.00 | 45.27 1.74 0.00 | 47.58 1.83 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.59 2.65 0.00 | 57.48 2.63 0.00 | 56.09 2.42 0.00 | 55.97 2.51 0.00 | 57.21 2.52 0.00 | 55.90 2.51 0.00 | 55.53 2.59 0.00 | 52.10 2.34 0.00 | 50.57 2.27 0.00 | 50.58 2.27 0.00 | 49.02 2.25 0.00 | 54.04 2.24 -2.08 | 52.46 1.87 -3.81 |
| GINNA____ 23603 | 36.76 -5.44 0.00 | 35.35 -4.19 0.00 | 32.12 -3.85 0.00 | 27.07 -3.33 1.34 | 27.06 -3.30 1.34 | 31.72 -3.60 0.00 | 33.18 -3.73 0.00 | 39.00 -4.53 0.00 | 41.27 -4.48 0.00 | 43.30 -4.54 0.00 | 45.40 -4.66 0.00 | 48.12 -4.82 0.00 | 50.08 -4.77 0.00 | 49.05 -4.62 0.00 | 48.86 -4.60 0.00 | 49.99 -4.70 0.00 | 48.69 -4.70 0.00 | 47.91 -5.03 0.00 | 45.03 -4.73 0.00 | 43.52 -4.78 0.00 | 43.62 -4.69 0.00 | 42.70 -4.07 0.00 | 45.27 -4.72 -0.27 | 42.03 -5.43 -0.68 |
| GLEN PARK____ 23778 | 42.62 0.42 0.00 | 39.74 0.20 0.00 | 36.04 0.07 0.00 | 31.77 0.03 0.00 | 31.73 0.03 0.00 | 35.53 0.21 0.00 | 37.46 0.55 0.00 | 44.44 0.91 0.00 | 47.03 1.28 0.00 | 49.28 1.44 0.00 | 51.66 1.60 0.00 | 54.69 1.75 0.00 | 56.71 1.86 0.00 | 55.66 1.99 0.00 | 55.60 2.14 0.00 | 56.88 2.19 0.00 | 55.47 2.08 0.00 | 54.85 1.91 0.00 | 51.45 1.69 0.00 | 49.70 1.40 0.00 | 49.81 1.50 0.00 | 48.08 1.31 0.00 | 50.84 1.04 -0.08 | 47.68 0.75 -0.15 |
| GLENWOOD_IC_1_G5 23712 | 55.39 3.84 -9.35 | 53.02 3.88 -9.60 | 50.16 3.56 -10.63 | 49.21 3.11 -14.36 | 49.21 3.11 -14.40 | 49.80 3.43 -11.05 | 54.42 3.73 -13.78 | 56.27 4.83 -7.91 | 61.18 5.03 -10.40 | 62.23 5.79 -8.60 | 66.57 6.06 -10.45 | 68.06 6.56 -8.56 | 67.36 6.86 -5.65 | 68.20 6.76 -7.77 | 70.28 6.90 -9.92 | 72.25 7.00 -10.56 | 69.01 6.89 -8.73 | 68.77 6.72 -9.11 | 69.42 6.12 -13.54 | 65.81 5.70 -11.81 | 65.81 5.65 -11.85 | 65.14 5.71 -12.66 | 60.84 5.87 -5.25 | 57.53 5.15 -5.60 |
| GLENWOOD_IC_2_G1 23688 | 53.19 3.59 -7.40 | 51.61 3.60 -8.47 | 49.95 3.35 -10.63 | 49.02 2.92 -14.36 | 49.02 2.92 -14.40 | 49.58 3.21 -11.05 | 53.07 3.47 -12.69 | 54.76 4.53 -6.70 | 59.65 4.67 -9.23 | 60.42 5.36 -7.22 | 63.56 5.81 -7.69 | 66.75 6.25 -7.56 | 66.30 6.53 -4.92 | 66.87 6.44 -6.76 | 68.90 6.52 -8.92 | 70.92 6.67 -9.56 | 67.67 6.57 -7.71 | 67.43 6.41 -8.08 | 68.62 5.82 -13.04 | 64.69 5.41 -10.98 | 64.94 5.36 -11.27 | 64.18 5.33 -12.08 | 59.62 5.47 -4.43 | 56.40 4.82 -4.80 |
| GLENWOOD_IC_3_G1 23689 | 53.19 3.59 -7.40 | 51.61 3.60 -8.47 | 49.95 3.35 -10.63 | 49.02 2.92 -14.36 | 49.02 2.92 -14.40 | 49.58 3.21 -11.05 | 53.07 3.47 -12.69 | 54.76 4.53 -6.70 | 59.65 4.67 -9.23 | 60.42 5.36 -7.22 | 63.56 5.81 -7.69 | 66.75 6.25 -7.56 | 66.30 6.53 -4.92 | 66.87 6.44 -6.76 | 68.90 6.52 -8.92 | 70.92 6.67 -9.56 | 67.67 6.57 -7.71 | 67.43 6.41 -8.08 | 68.62 5.82 -13.04 | 64.69 5.41 -10.98 | 64.94 5.36 -11.27 | 64.18 5.33 -12.08 | 59.62 5.47 -4.43 | 56.40 4.82 -4.80 |

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|--------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GLENWOOD___4 23550 | 55.39 3.84 -9.35 | 53.02 3.88 -9.60 | 50.16 3.56 -10.63 | 49.21 3.11 -14.36 | 49.21 3.11 -14.40 | 49.80 3.43 -11.05 | 54.42 3.73 -13.78 | 56.27 4.83 -7.91 | 61.18 5.03 -10.40 | 62.23 5.79 -8.60 | 66.57 6.06 -10.45 | 68.06 6.56 -8.56 | 67.36 6.86 -5.65 | 68.26 6.82 -7.77 | 70.28 6.90 -9.92 | 72.31 7.06 -10.56 | 69.01 6.89 -8.73 | 68.77 6.72 -9.11 | 69.42 6.12 -13.54 | 65.81 5.70 -11.81 | 65.81 5.65 -11.85 | 65.18 5.75 -12.66 | 60.84 5.87 -5.25 | 57.53 5.15 -5.60 |
| GLENWOOD___5 23614 | 55.39 3.84 -9.35 | 53.02 3.88 -9.60 | 50.16 3.56 -10.63 | 49.21 3.11 -14.36 | 49.21 3.11 -14.40 | 49.80 3.43 -11.05 | 54.42 3.73 -13.78 | 56.27 4.83 -7.91 | 61.18 5.03 -10.40 | 62.23 5.79 -8.60 | 66.57 6.06 -10.45 | 68.06 6.56 -8.56 | 67.36 6.86 -5.65 | 68.26 6.82 -7.77 | 70.28 6.90 -9.92 | 72.31 7.06 -10.56 | 69.01 6.89 -8.73 | 68.77 6.72 -9.11 | 69.42 6.12 -13.54 | 65.81 5.70 -11.81 | 65.81 5.65 -11.85 | 65.18 5.75 -12.66 | 60.84 5.87 -5.25 | 57.53 5.15 -5.60 |
| GLOBAL GREEN_PORT_GT1 23814 | 54.83 6.03 -6.60 | 53.36 5.81 -8.01 | 51.85 5.25 -10.63 | 50.67 4.57 -14.36 | 50.63 4.53 -14.40 | 51.39 5.02 -11.05 | 54.66 5.50 -12.25 | 56.92 7.18 -6.21 | 62.34 7.91 -8.68 | 63.42 9.04 -6.54 | 66.21 9.81 -6.34 | 70.49 10.48 -7.07 | 70.76 11.35 -4.56 | 71.20 11.27 -6.26 | 73.33 11.44 -8.43 | 75.35 11.60 -9.06 | 71.87 11.27 -7.21 | 71.63 11.12 -7.57 | 72.81 10.25 -12.80 | 68.38 9.51 -10.57 | 68.85 9.56 -10.98 | 67.73 9.17 -11.79 | 62.56 8.75 -4.09 | 58.50 7.25 -4.47 |
| GOUDEY___7 23579 | 40.39 -1.81 0.00 | 38.08 -1.46 0.00 | 34.71 -1.26 0.00 | 31.61 -1.14 -1.01 | 31.57 -1.14 -1.01 | 34.01 -1.31 0.00 | 35.69 -1.22 0.00 | 43.14 -0.39 0.00 | 45.84 0.09 0.00 | 48.37 0.53 0.00 | 50.71 0.65 0.00 | 53.68 0.74 0.00 | 56.06 1.21 0.00 | 54.80 1.13 0.00 | 54.69 1.23 0.00 | 55.89 1.20 0.00 | 54.46 1.07 0.00 | 53.84 0.90 0.00 | 50.46 0.70 0.00 | 48.44 0.14 0.00 | 48.79 0.48 0.00 | 46.96 0.19 0.00 | 49.66 -0.70 -0.64 | 45.63 -1.73 -0.58 |
| GOUDEY___8 23580 | 40.30 -1.90 0.00 | 37.92 -1.62 0.00 | 34.57 -1.40 0.00 | 31.45 -1.30 -1.01 | 31.41 -1.30 -1.01 | 33.87 -1.45 0.00 | 35.54 -1.37 0.00 | 43.01 -0.52 0.00 | 45.70 -0.05 0.00 | 48.27 0.43 0.00 | 50.56 0.50 0.00 | 53.58 0.64 0.00 | 55.89 1.04 0.00 | 54.64 0.97 0.00 | 54.58 1.12 0.00 | 55.73 1.04 0.00 | 54.35 0.96 0.00 | 53.73 0.79 0.00 | 50.36 0.60 0.00 | 48.35 0.05 0.00 | 48.65 0.34 0.00 | 46.86 0.09 0.00 | 49.56 -0.80 -0.64 | 45.54 -1.82 -0.58 |
| GOWANUS_GT 1_GRP 23732 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT 2_GRP 23617 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT 3_GRP 23618 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT 4_GRP 23751 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_1 24077 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_2 24078 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_3 24079 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_4 24080 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_5 24084 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_6 24111 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT1_7 24112 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |

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|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT1_8 24113 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_1 24114 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_2 24115 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_3 24116 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_4 24117 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_5 24118 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_6 24119 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_7 24120 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT2_8 24121 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_1 24122 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_2 24123 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_3 24124 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_4 24125 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_5 24126 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_6 24127 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT3_7 24128 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |

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|------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| GOWANUS_GT3_8 24129 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_1 24130 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_2 24131 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_3 24132 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_4 24133 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_5 24134 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_6 24135 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_7 24136 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GOWANUS_GT4_8 24137 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| GRAHMSVILLE___HY 23607 | 44.14 1.94 0.00 | 41.52 1.98 0.00 | 37.84 1.87 0.00 | 33.67 1.62 -0.31 | 33.63 1.62 -0.31 | 37.05 1.73 0.00 | 38.90 1.99 0.00 | 46.27 2.74 0.00 | 48.68 2.93 0.00 | 51.38 3.54 0.00 | 53.96 3.90 0.00 | 57.18 4.24 0.00 | 59.24 4.39 0.00 | 58.07 4.40 0.00 | 57.95 4.49 0.00 | 59.23 4.54 0.00 | 57.88 4.49 0.00 | 57.33 4.39 0.00 | 53.74 3.98 0.00 | 51.92 3.62 0.00 | 51.88 3.57 0.00 | 50.32 3.55 0.00 | 55.10 3.53 -1.85 | 53.16 2.99 -3.39 |
| GREENIDGE___3 23582 | 38.02 -4.18 0.00 | 36.02 -3.52 0.00 | 32.84 -3.13 0.00 | 25.57 -2.76 3.41 | 25.53 -2.76 3.41 | 32.28 -3.04 0.00 | 33.92 -2.99 0.00 | 40.57 -2.96 0.00 | 43.19 -2.56 0.00 | 45.54 -2.30 0.00 | 47.76 -2.30 0.00 | 50.61 -2.33 0.00 | 52.82 -2.03 0.00 | 51.74 -1.93 0.00 | 51.59 -1.87 0.00 | 52.72 -1.97 0.00 | 51.31 -2.08 0.00 | 50.61 -2.33 0.00 | 47.52 -2.24 0.00 | 45.60 -2.70 0.00 | 45.89 -2.42 0.00 | 44.43 -2.34 0.00 | 46.74 -3.38 -0.40 | 42.43 -4.44 -0.09 |
| GREENIDGE___4 23583 | 38.02 -4.18 0.00 | 35.94 -3.60 0.00 | 32.77 -3.20 0.00 | 25.51 -2.82 3.41 | 25.47 -2.82 3.41 | 32.21 -3.11 0.00 | 33.85 -3.06 0.00 | 40.57 -2.96 0.00 | 43.19 -2.56 0.00 | 45.54 -2.30 0.00 | 47.76 -2.30 0.00 | 50.61 -2.33 0.00 | 52.82 -2.03 0.00 | 51.68 -1.99 0.00 | 51.59 -1.87 0.00 | 52.67 -2.02 0.00 | 51.31 -2.08 0.00 | 50.61 -2.33 0.00 | 47.47 -2.29 0.00 | 45.60 -2.70 0.00 | 45.89 -2.42 0.00 | 44.43 -2.34 0.00 | 46.74 -3.38 -0.40 | 42.43 -4.44 -0.09 |
| HARZA MOOSE___RIVER 24016 | 42.75 0.55 0.00 | 39.97 0.43 0.00 | 36.33 0.36 0.00 | 32.03 0.29 0.00 | 32.02 0.32 0.00 | 35.74 0.42 0.00 | 37.54 0.63 0.00 | 44.40 0.87 0.00 | 46.85 1.10 0.00 | 49.04 1.20 0.00 | 51.41 1.35 0.00 | 54.42 1.48 0.00 | 56.39 1.54 0.00 | 55.23 1.56 0.00 | 55.12 1.66 0.00 | 56.33 1.64 0.00 | 54.83 1.44 0.00 | 54.32 1.38 0.00 | 50.95 1.19 0.00 | 49.36 1.06 0.00 | 49.37 1.06 0.00 | 47.75 0.98 0.00 | 50.61 0.89 0.00 | 47.48 0.70 0.00 |
| HEMPSTEAD____ 23647 | 55.34 3.92 -9.22 | 53.05 3.99 -9.52 | 50.27 3.67 -10.63 | 49.34 3.24 -14.36 | 49.30 3.20 -14.40 | 49.90 3.53 -11.05 | 54.42 3.80 -13.71 | 56.28 4.92 -7.83 | 61.11 5.12 -10.24 | 62.07 5.84 -8.39 | 66.31 6.21 -10.04 | 68.07 6.72 -8.41 | 67.36 6.97 -5.54 | 68.21 6.92 -7.62 | 70.23 7.00 -9.77 | 72.26 7.16 -10.41 | 68.96 6.99 -8.58 | 68.77 6.88 -8.95 | 69.49 6.27 -13.46 | 65.78 5.80 -11.68 | 65.87 5.80 -11.76 | 65.06 5.71 -12.58 | 60.74 5.82 -5.20 | 57.52 5.19 -5.55 |
| HICKLING___1 23621 | 39.16 -3.04 0.00 | 36.77 -2.77 0.00 | 33.52 -2.45 0.00 | 24.27 -2.25 5.22 | 24.26 -2.22 5.22 | 32.85 -2.47 0.00 | 34.66 -2.25 0.00 | 42.70 -0.83 0.00 | 45.89 0.14 0.00 | 48.75 0.91 0.00 | 51.11 1.05 0.00 | 54.16 1.22 0.00 | 56.82 1.97 0.00 | 55.60 1.93 0.00 | 55.54 2.08 0.00 | 56.71 2.02 0.00 | 55.26 1.87 0.00 | 54.48 1.54 0.00 | 51.00 1.24 0.00 | 48.59 0.29 0.00 | 49.13 0.82 0.00 | 47.14 0.37 0.00 | 48.98 -1.24 -0.50 | 43.76 -3.09 -0.07 |
| HICKLING___2 23622 | 39.16 -3.04 0.00 | 36.77 -2.77 0.00 | 33.52 -2.45 0.00 | 24.27 -2.25 5.22 | 24.26 -2.22 5.22 | 32.85 -2.47 0.00 | 34.66 -2.25 0.00 | 42.70 -0.83 0.00 | 45.89 0.14 0.00 | 48.75 0.91 0.00 | 51.11 1.05 0.00 | 54.16 1.22 0.00 | 56.82 1.97 0.00 | 55.60 1.93 0.00 | 55.54 2.08 0.00 | 56.71 2.02 0.00 | 55.26 1.87 0.00 | 54.48 1.54 0.00 | 51.00 1.24 0.00 | 48.59 0.29 0.00 | 49.13 0.82 0.00 | 47.14 0.37 0.00 | 48.98 -1.24 -0.50 | 43.76 -3.09 -0.07 |

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| HIGH FALLS___HY 23754 | 44.69 2.49 0.00 | 42.11 2.57 0.00 | 38.38 2.41 0.00 | 34.08 2.06 -0.28 | 34.04 2.06 -0.28 | 37.58 2.26 0.00 | 39.49 2.58 0.00 | 46.97 3.44 0.00 | 49.32 3.57 0.00 | 52.19 4.35 0.00 | 54.92 4.86 0.00 | 58.18 5.24 0.00 | 60.28 5.43 0.00 | 59.14 5.47 0.00 | 59.02 5.56 0.00 | 60.32 5.63 0.00 | 58.94 5.55 0.00 | 58.39 5.45 0.00 | 54.69 4.93 0.00 | 52.84 4.54 0.00 | 52.75 4.44 0.00 | 51.21 4.44 0.00 | 56.40 4.52 -2.16 | 54.67 3.93 -3.96 |
| HILLBURN___GT 23639 | 44.94 2.74 0.00 | 42.39 2.85 0.00 | 38.63 2.66 0.00 | 34.31 2.29 -0.28 | 34.26 2.28 -0.28 | 37.83 2.51 0.00 | 39.72 2.81 0.00 | 47.23 3.70 0.00 | 49.55 3.80 0.00 | 52.29 4.45 0.00 | 54.97 4.91 0.00 | 58.23 5.29 0.00 | 60.33 5.48 0.00 | 59.09 5.42 0.00 | 59.02 5.56 0.00 | 60.38 5.69 0.00 | 58.94 5.55 0.00 | 58.39 5.45 0.00 | 54.69 4.93 0.00 | 52.84 4.54 0.00 | 52.80 4.49 0.00 | 51.26 4.49 0.00 | 56.34 4.57 -2.05 | 54.52 3.98 -3.76 |
| HOLTSVIL 1-5___GRP1 24031 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVIL6-10___GRP2 24032 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HOLTSVILLE_IC_1 23690 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVILLE_IC_10 23699 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HOLTSVILLE_IC_2 23691 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVILLE_IC_3 23692 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVILLE_IC_4 23693 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVILLE_IC_5 23694 | 52.70 3.92 -6.58 | 51.52 3.99 -7.99 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.17 5.81 -6.30 | 66.14 6.14 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| HOLTSVILLE_IC_6 23695 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HOLTSVILLE_IC_7 23696 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HOLTSVILLE_IC_8 23697 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HOLTSVILLE_IC_9 23698 | 53.01 4.18 -6.63 | 51.79 4.23 -8.02 | 50.49 3.89 -10.63 | 49.53 3.43 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.01 3.84 -12.26 | 54.55 4.79 -6.23 | 59.48 5.03 -8.70 | 60.19 5.79 -6.56 | 62.65 6.21 -6.38 | 66.54 6.51 -7.09 | 66.33 6.91 -4.57 | 66.87 6.92 -6.28 | 68.90 7.00 -8.44 | 70.88 7.11 -9.08 | 67.51 6.89 -7.23 | 67.35 6.83 -7.58 | 68.83 6.27 -12.80 | 64.64 5.75 -10.59 | 65.19 5.89 -10.99 | 64.28 5.71 -11.80 | 59.49 5.67 -4.10 | 56.22 4.96 -4.48 |
| HQ_GEN_CEDARS 23644 | 42.20 0.00 0.00 | 39.42 -0.12 0.00 | 35.75 -0.22 0.00 | 31.52 -0.22 0.00 | 31.48 -0.22 0.00 | 35.18 -0.14 0.00 | 36.84 -0.07 0.00 | 43.31 -0.22 0.00 | 45.52 -0.23 0.00 | 47.41 -0.43 0.00 | 49.51 -0.55 0.00 | 52.20 -0.74 0.00 | 54.03 -0.82 0.00 | 52.92 -0.75 0.00 | 52.82 -0.64 0.00 | 54.09 -0.60 0.00 | 52.86 -0.53 0.00 | 52.46 -0.48 0.00 | 49.51 -0.25 0.00 | 48.16 -0.14 0.00 | 48.07 -0.24 0.00 | 46.26 -0.51 0.00 | 49.07 -0.60 0.05 | 46.60 -0.09 0.09 |
| HQ_GEN_CHAT DC 23651 | 33.38 -0.25 8.57 | 32.36 -0.28 6.90 | 35.65 -0.32 0.00 | 31.42 -0.32 0.00 | 31.38 -0.32 0.00 | 35.00 -0.32 0.00 | 36.32 -0.33 0.26 | 39.70 -0.70 3.13 | 48.24 -0.82 -3.31 | 46.88 -0.96 0.00 | 48.96 -1.10 0.00 | 51.67 -1.27 0.00 | 53.48 -1.37 0.00 | 52.33 -1.34 0.00 | 52.07 -1.39 0.00 | 53.27 -1.42 0.00 | 52.00 -1.39 0.00 | 51.67 -1.27 0.00 | 48.67 -1.09 0.00 | 47.43 -0.87 0.00 | 48.83 -0.92 -1.44 | 48.74 -1.03 -3.00 | 45.26 -1.04 3.42 | 46.22 -0.56 0.00 |

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|-----------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| HUDAV+59+74_TH_GRP 23620 | 60.88 3.59 -15.09 | 55.08 3.64 -11.90 | 39.35 3.38 0.00 | 34.97 2.95 -0.28 | 34.93 2.95 -0.28 | 38.57 3.25 0.00 | 55.14 3.54 -14.69 | 62.91 4.57 -14.81 | 65.31 4.71 -14.85 | 67.83 5.41 -14.58 | 72.07 5.91 -16.10 | 75.74 6.35 -16.45 | 76.14 6.58 -14.71 | 76.00 6.55 -15.78 | 75.94 6.63 -15.85 | 78.21 6.78 -16.74 | 75.92 6.62 -15.91 | 75.72 6.46 -16.32 | 67.77 5.92 -12.09 | 65.90 5.46 -12.14 | 63.81 5.46 -10.04 | 62.90 5.38 -10.75 | 62.40 5.52 -7.16 | 60.23 4.87 -8.58 |
| HUDSON AVE_GT_3 23810 | 60.88 3.59 -15.09 | 55.08 3.64 -11.90 | 39.35 3.38 0.00 | 34.97 2.95 -0.28 | 34.93 2.95 -0.28 | 38.57 3.25 0.00 | 55.14 3.54 -14.69 | 62.91 4.57 -14.81 | 65.31 4.71 -14.85 | 67.83 5.41 -14.58 | 72.07 5.91 -16.10 | 75.74 6.35 -16.45 | 76.14 6.58 -14.71 | 76.00 6.55 -15.78 | 75.94 6.63 -15.85 | 78.21 6.78 -16.74 | 75.92 6.62 -15.91 | 75.72 6.46 -16.32 | 67.77 5.92 -12.09 | 65.90 5.46 -12.14 | 63.81 5.46 -10.04 | 62.90 5.38 -10.75 | 62.40 5.52 -7.16 | 60.23 4.87 -8.58 |
| HUDSON AVE_GT_4 23540 | 60.88 3.59 -15.09 | 55.08 3.64 -11.90 | 39.35 3.38 0.00 | 34.97 2.95 -0.28 | 34.93 2.95 -0.28 | 38.57 3.25 0.00 | 55.14 3.54 -14.69 | 62.91 4.57 -14.81 | 65.31 4.71 -14.85 | 67.83 5.41 -14.58 | 72.07 5.91 -16.10 | 75.74 6.35 -16.45 | 76.14 6.58 -14.71 | 76.00 6.55 -15.78 | 75.94 6.63 -15.85 | 78.21 6.78 -16.74 | 75.92 6.62 -15.91 | 75.72 6.46 -16.32 | 67.77 5.92 -12.09 | 65.90 5.46 -12.14 | 63.81 5.46 -10.04 | 62.90 5.38 -10.75 | 62.40 5.52 -7.16 | 60.23 4.87 -8.58 |
| HUDSON AVE_GT_5 23657 | 60.88 3.59 -15.09 | 55.08 3.64 -11.90 | 39.35 3.38 0.00 | 34.97 2.95 -0.28 | 34.93 2.95 -0.28 | 38.57 3.25 0.00 | 55.14 3.54 -14.69 | 62.91 4.57 -14.81 | 65.31 4.71 -14.85 | 67.83 5.41 -14.58 | 72.07 5.91 -16.10 | 75.74 6.35 -16.45 | 76.14 6.58 -14.71 | 76.00 6.55 -15.78 | 75.94 6.63 -15.85 | 78.21 6.78 -16.74 | 75.92 6.62 -15.91 | 75.72 6.46 -16.32 | 67.77 5.92 -12.09 | 65.90 5.46 -12.14 | 63.81 5.46 -10.04 | 62.90 5.38 -10.75 | 62.40 5.52 -7.16 | 60.23 4.87 -8.58 |
| HUDSON_AVE_10 24168 | 60.96 3.67 -15.09 | 55.16 3.72 -11.90 | 39.42 3.45 0.00 | 35.04 3.02 -0.28 | 34.96 2.98 -0.28 | 38.64 3.32 0.00 | 55.18 3.58 -14.69 | 63.00 4.66 -14.81 | 65.40 4.80 -14.85 | 67.87 5.45 -14.58 | 72.12 5.96 -16.10 | 75.85 6.46 -16.45 | 76.25 6.69 -14.71 | 76.11 6.66 -15.78 | 76.05 6.74 -15.85 | 78.27 6.84 -16.74 | 76.03 6.73 -15.91 | 75.77 6.51 -16.32 | 67.77 5.92 -12.09 | 66.04 5.60 -12.14 | 63.91 5.56 -10.04 | 62.99 5.47 -10.75 | 62.55 5.67 -7.16 | 60.32 4.96 -8.58 |
| HUNTLEY___63 23557 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.93 -4.83 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.84 -3.93 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |
| HUNTLEY___64 23558 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.93 -4.83 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.84 -3.93 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |
| HUNTLEY___65 23559 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.93 -4.83 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.84 -3.93 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |
| HUNTLEY___66 23560 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.93 -4.83 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.84 -3.93 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |
| HUNTLEY___67 23561 | 36.29 -5.91 0.00 | 34.40 -5.14 0.00 | 31.33 -4.64 0.00 | 25.34 -3.97 2.43 | 25.34 -3.93 2.43 | 30.87 -4.45 0.00 | 31.96 -4.95 0.00 | 38.48 -5.05 0.00 | 40.49 -5.26 0.00 | 42.72 -5.12 0.00 | 44.60 -5.46 0.00 | 47.17 -5.77 0.00 | 49.47 -5.38 0.00 | 48.25 -5.42 0.00 | 48.06 -5.40 0.00 | 49.11 -5.58 0.00 | 47.84 -5.55 0.00 | 47.06 -5.88 0.00 | 44.53 -5.23 0.00 | 42.94 -5.36 0.00 | 43.24 -5.07 0.00 | 42.47 -4.30 0.00 | 44.28 -5.42 0.02 | 36.98 -6.78 3.02 |
| HUNTLEY___68 23562 | 36.29 -5.91 0.00 | 34.40 -5.14 0.00 | 31.33 -4.64 0.00 | 25.34 -3.97 2.43 | 25.34 -3.93 2.43 | 30.87 -4.45 0.00 | 31.96 -4.95 0.00 | 38.48 -5.05 0.00 | 40.49 -5.26 0.00 | 42.72 -5.12 0.00 | 44.60 -5.46 0.00 | 47.17 -5.77 0.00 | 49.47 -5.38 0.00 | 48.25 -5.42 0.00 | 48.06 -5.40 0.00 | 49.11 -5.58 0.00 | 47.84 -5.55 0.00 | 47.06 -5.88 0.00 | 44.53 -5.23 0.00 | 42.94 -5.36 0.00 | 43.24 -5.07 0.00 | 42.47 -4.30 0.00 | 44.28 -5.42 0.02 | 36.98 -6.78 3.02 |
| INDECK___CORINTH 23802 | 45.53 3.33 0.00 | 42.74 3.20 0.00 | 38.85 2.88 0.00 | 34.31 2.57 0.00 | 34.30 2.60 0.00 | 38.22 2.90 0.00 | 39.97 3.06 0.00 | 46.79 3.26 0.00 | 49.00 3.25 0.00 | 51.62 3.78 0.00 | 54.26 4.20 0.00 | 57.39 4.45 0.00 | 59.62 4.77 0.00 | 58.39 4.72 0.00 | 58.27 4.81 0.00 | 60.21 5.52 0.00 | 58.84 5.45 0.00 | 58.34 5.40 0.00 | 54.89 5.13 0.00 | 53.32 5.02 0.00 | 53.33 5.02 0.00 | 51.54 4.77 0.00 | 57.18 4.62 -2.84 | 56.24 4.12 -5.34 |
| INDECK___ILION 23567 | 43.25 1.05 0.00 | 40.53 0.99 0.00 | 36.87 0.90 0.00 | 32.50 0.76 0.00 | 32.49 0.79 0.00 | 36.20 0.88 0.00 | 37.91 1.00 0.00 | 44.92 1.39 0.00 | 47.35 1.60 0.00 | 49.56 1.72 0.00 | 51.96 1.90 0.00 | 55.00 2.06 0.00 | 56.99 2.14 0.00 | 55.76 2.09 0.00 | 55.54 2.08 0.00 | 56.82 2.13 0.00 | 55.15 1.76 0.00 | 54.69 1.75 0.00 | 51.35 1.59 0.00 | 49.75 1.45 0.00 | 49.76 1.45 0.00 | 48.17 1.40 0.00 | 51.01 1.34 0.05 | 47.80 1.12 0.10 |
| INDECK___OLEAN 23982 | 37.73 -4.47 0.00 | 35.82 -3.72 0.00 | 32.70 -3.27 0.00 | 25.87 -2.92 2.95 | 25.87 -2.88 2.95 | 32.11 -3.21 0.00 | 33.70 -3.21 0.00 | 42.14 -1.39 0.00 | 44.79 -0.96 0.00 | 47.70 -0.14 0.00 | 48.36 -1.70 0.00 | 51.09 -1.85 0.00 | 53.86 -0.99 0.00 | 52.86 -0.81 0.00 | 52.77 -0.69 0.00 | 53.71 -0.98 0.00 | 52.32 -1.07 0.00 | 51.67 -1.27 0.00 | 48.96 -0.80 0.00 | 48.20 -0.10 0.00 | 48.70 0.39 0.00 | 47.00 0.23 0.00 | 47.95 -1.84 -0.07 | 39.93 -4.49 2.36 |
| INDECK___OSWEGO 23783 | 41.40 -0.80 0.00 | 38.59 -0.95 0.00 | 35.07 -0.90 0.00 | 30.98 -0.76 0.00 | 30.94 -0.76 0.00 | 34.51 -0.81 0.00 | 36.13 -0.78 0.00 | 42.75 -0.78 0.00 | 45.06 -0.69 0.00 | 46.98 -0.86 0.00 | 49.16 -0.90 0.00 | 52.04 -0.90 0.00 | 53.97 -0.88 0.00 | 52.86 -0.81 0.00 | 52.66 -0.80 0.00 | 53.87 -0.82 0.00 | 52.59 -0.80 0.00 | 52.04 -0.90 0.00 | 48.86 -0.90 0.00 | 47.29 -1.01 0.00 | 47.34 -0.97 0.00 | 45.97 -0.80 0.00 | 49.08 -0.16 -0.29 | 45.99 -1.08 -0.29 |
| INDECK___YERKES 23781 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.98 -4.78 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.89 -3.88 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |

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| INDIAN POINT_GT_1 24139 | 45.48 2.78 -0.50 | 42.82 2.89 -0.39 | 38.67 2.70 0.00 | 34.37 2.35 -0.28 | 34.29 2.31 -0.28 | 37.86 2.54 0.00 | 40.23 2.84 -0.48 | 47.72 3.70 -0.49 | 50.04 3.80 -0.49 | 52.72 4.40 -0.48 | 55.45 4.86 -0.53 | 58.72 5.24 -0.54 | 60.76 5.43 -0.48 | 59.61 5.42 -0.52 | 59.49 5.51 -0.52 | 60.87 5.63 -0.55 | 59.46 5.55 -0.52 | 58.88 5.40 -0.54 | 55.04 4.88 -0.40 | 53.19 4.49 -0.40 | 53.08 4.44 -0.33 | 51.56 4.44 -0.35 | 56.58 4.57 -2.29 | 54.82 3.98 -4.06 |
| INDIAN POINT_GT_2 23659 | 45.48 2.78 -0.50 | 42.82 2.89 -0.39 | 38.67 2.70 0.00 | 34.37 2.35 -0.28 | 34.29 2.31 -0.28 | 37.86 2.54 0.00 | 40.23 2.84 -0.48 | 47.72 3.70 -0.49 | 50.04 3.80 -0.49 | 52.72 4.40 -0.48 | 55.45 4.86 -0.53 | 58.72 5.24 -0.54 | 60.76 5.43 -0.48 | 59.61 5.42 -0.52 | 59.49 5.51 -0.52 | 60.87 5.63 -0.55 | 59.46 5.55 -0.52 | 58.88 5.40 -0.54 | 55.04 4.88 -0.40 | 53.19 4.49 -0.40 | 53.08 4.44 -0.33 | 51.56 4.44 -0.35 | 56.58 4.57 -2.29 | 54.82 3.98 -4.06 |
| INDIAN POINT_GT_3 24019 | 45.48 2.78 -0.50 | 42.82 2.89 -0.39 | 38.67 2.70 0.00 | 34.37 2.35 -0.28 | 34.29 2.31 -0.28 | 37.86 2.54 0.00 | 40.23 2.84 -0.48 | 47.72 3.70 -0.49 | 50.04 3.80 -0.49 | 52.72 4.40 -0.48 | 55.45 4.86 -0.53 | 58.72 5.24 -0.54 | 60.76 5.43 -0.48 | 59.61 5.42 -0.52 | 59.49 5.51 -0.52 | 60.87 5.63 -0.55 | 59.46 5.55 -0.52 | 58.88 5.40 -0.54 | 55.04 4.88 -0.40 | 53.19 4.49 -0.40 | 53.08 4.44 -0.33 | 51.56 4.44 -0.35 | 56.58 4.57 -2.29 | 54.82 3.98 -4.06 |
| INDIAN POINT___2 23530 | 45.19 2.49 -0.50 | 42.54 2.61 -0.39 | 38.42 2.45 0.00 | 34.15 2.13 -0.28 | 34.07 2.09 -0.28 | 37.62 2.30 0.00 | 39.97 2.58 -0.48 | 47.42 3.40 -0.49 | 49.67 3.43 -0.49 | 52.34 4.02 -0.48 | 55.05 4.46 -0.53 | 58.30 4.82 -0.54 | 60.32 4.99 -0.48 | 59.18 4.99 -0.52 | 59.06 5.08 -0.52 | 60.44 5.20 -0.55 | 59.04 5.13 -0.52 | 58.46 4.98 -0.54 | 54.64 4.48 -0.40 | 52.85 4.15 -0.40 | 52.70 4.06 -0.33 | 51.19 4.07 -0.35 | 56.17 4.18 -2.27 | 54.44 3.65 -4.01 |
| INDIAN POINT___3 23531 | 45.10 2.45 -0.45 | 42.47 2.57 -0.36 | 38.38 2.41 0.00 | 34.11 2.09 -0.28 | 34.07 2.09 -0.28 | 37.58 2.26 0.00 | 39.90 2.55 -0.44 | 47.29 3.31 -0.45 | 49.54 3.34 -0.45 | 52.20 3.92 -0.44 | 54.90 4.35 -0.49 | 58.15 4.71 -0.50 | 60.17 4.88 -0.44 | 59.03 4.88 -0.48 | 58.91 4.97 -0.48 | 60.28 5.09 -0.50 | 58.89 5.02 -0.48 | 58.30 4.87 -0.49 | 54.50 4.38 -0.36 | 52.73 4.06 -0.37 | 52.62 4.01 -0.30 | 51.11 4.02 -0.32 | 56.13 4.13 -2.28 | 54.42 3.60 -4.04 |
| INDIAN PT_GT_GRP 23687 | 45.48 2.78 -0.50 | 42.82 2.89 -0.39 | 38.67 2.70 0.00 | 34.37 2.35 -0.28 | 34.29 2.31 -0.28 | 37.86 2.54 0.00 | 40.23 2.84 -0.48 | 47.72 3.70 -0.49 | 50.04 3.80 -0.49 | 52.72 4.40 -0.48 | 55.45 4.86 -0.53 | 58.72 5.24 -0.54 | 60.76 5.43 -0.48 | 59.61 5.42 -0.52 | 59.49 5.51 -0.52 | 60.87 5.63 -0.55 | 59.46 5.55 -0.52 | 58.88 5.40 -0.54 | 55.04 4.88 -0.40 | 53.19 4.49 -0.40 | 53.08 4.44 -0.33 | 51.56 4.44 -0.35 | 56.58 4.57 -2.29 | 54.82 3.98 -4.06 |
| IP CORINTH___1 23988 | 45.53 3.33 0.00 | 42.74 3.20 0.00 | 38.85 2.88 0.00 | 34.31 2.57 0.00 | 34.30 2.60 0.00 | 38.22 2.90 0.00 | 39.97 3.06 0.00 | 46.79 3.26 0.00 | 49.00 3.25 0.00 | 51.62 3.78 0.00 | 54.26 4.20 0.00 | 57.39 4.45 0.00 | 59.62 4.77 0.00 | 58.39 4.72 0.00 | 58.27 4.81 0.00 | 60.21 5.52 0.00 | 58.84 5.45 0.00 | 58.34 5.40 0.00 | 54.89 5.13 0.00 | 53.32 5.02 0.00 | 53.33 5.02 0.00 | 51.54 4.77 0.00 | 57.18 4.62 -2.84 | 56.24 4.12 -5.34 |
| IP___TICONDEROGA 23804 | 45.83 3.63 0.00 | 43.10 3.56 0.00 | 39.06 3.09 0.00 | 34.60 2.86 0.00 | 34.58 2.88 0.00 | 38.53 3.21 0.00 | 40.12 3.21 0.00 | 47.06 3.53 0.00 | 49.36 3.61 0.00 | 52.05 4.21 0.00 | 54.72 4.66 0.00 | 57.92 4.98 0.00 | 60.06 5.21 0.00 | 58.82 5.15 0.00 | 58.70 5.24 0.00 | 60.16 5.47 0.00 | 58.78 5.39 0.00 | 58.29 5.35 0.00 | 54.79 5.03 0.00 | 53.08 4.78 0.00 | 53.09 4.78 0.00 | 51.31 4.54 0.00 | 57.02 4.52 -2.78 | 56.35 4.35 -5.22 |
| JARVIS____ 23743 | 42.62 0.42 0.00 | 39.94 0.40 0.00 | 36.33 0.36 0.00 | 32.06 0.32 0.00 | 32.02 0.32 0.00 | 35.67 0.35 0.00 | 37.32 0.41 0.00 | 44.05 0.52 0.00 | 46.30 0.55 0.00 | 48.46 0.62 0.00 | 50.76 0.70 0.00 | 53.68 0.74 0.00 | 55.62 0.77 0.00 | 54.42 0.75 0.00 | 54.21 0.75 0.00 | 55.46 0.77 0.00 | 53.87 0.48 0.00 | 53.42 0.48 0.00 | 50.16 0.40 0.00 | 48.69 0.39 0.00 | 48.70 0.39 0.00 | 47.14 0.37 0.00 | 50.07 0.40 0.05 | 47.01 0.33 0.10 |
| JENNISON___1 23625 | 41.82 -0.38 0.00 | 39.26 -0.28 0.00 | 35.75 -0.22 0.00 | 32.68 -0.22 -1.16 | 32.64 -0.22 -1.16 | 35.11 -0.21 0.00 | 36.95 0.04 0.00 | 44.40 0.87 0.00 | 47.40 1.65 0.00 | 50.04 2.20 0.00 | 52.51 2.45 0.00 | 55.64 2.70 0.00 | 58.03 3.18 0.00 | 56.78 3.11 0.00 | 56.67 3.21 0.00 | 57.86 3.17 0.00 | 56.06 2.67 0.00 | 55.43 2.49 0.00 | 51.95 2.19 0.00 | 49.99 1.69 0.00 | 50.19 1.88 0.00 | 48.45 1.68 0.00 | 51.37 0.94 -0.71 | 47.75 0.00 -0.97 |
| JENNISON___2 23626 | 41.78 -0.42 0.00 | 39.22 -0.32 0.00 | 35.72 -0.25 0.00 | 32.65 -0.25 -1.16 | 32.61 -0.25 -1.16 | 35.07 -0.25 0.00 | 36.87 -0.04 0.00 | 44.31 0.78 0.00 | 47.26 1.51 0.00 | 49.90 2.06 0.00 | 52.41 2.35 0.00 | 55.53 2.59 0.00 | 57.87 3.02 0.00 | 56.62 2.95 0.00 | 56.51 3.05 0.00 | 57.70 3.01 0.00 | 55.90 2.51 0.00 | 55.27 2.33 0.00 | 51.80 2.04 0.00 | 49.85 1.55 0.00 | 50.10 1.79 0.00 | 48.31 1.54 0.00 | 51.28 0.85 -0.71 | 47.66 -0.09 -0.97 |
| KEDC PORT_JEFF_GT2 24210 | 52.89 4.09 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.46 3.36 -14.40 | 49.97 3.60 -11.05 | 52.85 3.69 -12.25 | 54.22 4.48 -6.21 | 59.10 4.67 -8.68 | 59.79 5.41 -6.54 | 62.21 5.81 -6.34 | 65.36 5.35 -7.07 | 65.11 5.70 -4.56 | 65.67 5.74 -6.26 | 67.72 5.83 -8.43 | 69.66 5.91 -9.06 | 66.31 5.71 -7.21 | 66.23 5.72 -7.57 | 67.74 5.18 -12.80 | 63.60 4.73 -10.57 | 64.80 5.51 -10.98 | 63.89 5.33 -11.79 | 59.08 5.27 -4.09 | 55.93 4.68 -4.47 |
| KEDC PORT_JEFF_GT3 24211 | 52.89 4.09 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.46 3.36 -14.40 | 49.97 3.60 -11.05 | 52.85 3.69 -12.25 | 54.22 4.48 -6.21 | 59.10 4.67 -8.68 | 59.79 5.41 -6.54 | 62.21 5.81 -6.34 | 65.41 5.40 -7.07 | 65.11 5.70 -4.56 | 65.67 5.74 -6.26 | 67.72 5.83 -8.43 | 69.66 5.91 -9.06 | 66.31 5.71 -7.21 | 66.23 5.72 -7.57 | 67.74 5.18 -12.80 | 63.65 4.78 -10.57 | 64.80 5.51 -10.98 | 63.89 5.33 -11.79 | 59.08 5.27 -4.09 | 55.93 4.68 -4.47 |
| KEDC_GLWD_GT4 24219 | 55.39 3.84 -9.35 | 53.02 3.88 -9.60 | 50.16 3.56 -10.63 | 49.21 3.11 -14.36 | 49.21 3.11 -14.40 | 49.80 3.43 -11.05 | 54.42 3.73 -13.78 | 56.27 4.83 -7.91 | 61.18 5.03 -10.40 | 62.23 5.79 -8.60 | 66.17 5.66 -10.45 | 67.64 6.14 -8.56 | 66.86 6.36 -5.65 | 67.77 6.33 -7.77 | 69.79 6.41 -9.92 | 71.81 6.56 -10.56 | 68.53 6.41 -8.73 | 68.30 6.25 -9.11 | 69.02 5.72 -13.54 | 65.42 5.31 -11.81 | 65.43 5.27 -11.85 | 65.14 5.71 -12.66 | 60.84 5.87 -5.25 | 57.53 5.15 -5.60 |
| KEDC_GLWD_GT5 24220 | 55.39 3.84 -9.35 | 53.02 3.88 -9.60 | 50.16 3.56 -10.63 | 49.21 3.11 -14.36 | 49.21 3.11 -14.40 | 49.80 3.43 -11.05 | 54.42 3.73 -13.78 | 56.27 4.83 -7.91 | 61.18 5.03 -10.40 | 62.23 5.79 -8.60 | 66.17 5.66 -10.45 | 67.64 6.14 -8.56 | 66.86 6.36 -5.65 | 67.77 6.33 -7.77 | 69.85 6.47 -9.92 | 71.81 6.56 -10.56 | 68.58 6.46 -8.73 | 68.35 6.30 -9.11 | 69.02 5.72 -13.54 | 65.42 5.31 -11.81 | 65.43 5.27 -11.85 | 65.14 5.71 -12.66 | 60.84 5.87 -5.25 | 57.53 5.15 -5.60 |
| KENSICO____ 23655 | 45.82 3.04 -0.58 | 43.16 3.16 -0.46 | 38.88 2.91 0.00 | 34.56 2.54 -0.28 | 34.52 2.54 -0.28 | 38.11 2.79 0.00 | 40.53 3.06 -0.56 | 48.10 4.00 -0.57 | 50.39 4.07 -0.57 | 53.14 4.74 -0.56 | 55.89 5.21 -0.62 | 59.18 5.61 -0.63 | 61.22 5.81 -0.56 | 60.02 5.74 -0.61 | 59.95 5.88 -0.61 | 61.35 6.02 -0.64 | 59.87 5.87 -0.61 | 59.29 5.72 -0.63 | 55.45 5.23 -0.46 | 53.60 4.83 -0.47 | 53.47 4.78 -0.38 | 51.95 4.77 -0.41 | 56.92 4.87 -2.33 | 55.18 4.30 -4.10 |

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| KIAC_JFK_AIRPORT 23541 | 67.19 3.84 -21.15 | 65.81 3.91 -22.36 | 64.22 3.67 -24.58 | 61.01 3.21 -26.06 | 61.00 3.20 -26.10 | 64.23 3.50 -25.41 | 67.14 3.73 -26.50 | 67.29 4.88 -18.88 | 68.97 4.99 -18.23 | 71.34 5.60 -17.90 | 72.31 6.11 -16.14 | 79.74 6.62 -20.18 | 79.82 6.91 -18.06 | 79.91 6.87 -19.37 | 79.82 6.90 -19.46 | 82.24 7.00 -20.55 | 79.81 6.89 -19.53 | 79.59 6.62 -20.03 | 70.00 5.97 -14.27 | 69.03 5.84 -14.89 | 68.39 5.80 -14.28 | 68.78 5.71 -16.30 | 67.36 5.87 -11.77 | 68.60 5.15 -16.67 |
| KINTIGH____ 23543 | 36.67 -5.53 0.00 | 34.72 -4.82 0.00 | 31.58 -4.39 0.00 | 26.23 -3.75 1.76 | 26.23 -3.71 1.76 | 31.12 -4.20 0.00 | 32.26 -4.65 0.00 | 38.39 -5.14 0.00 | 40.44 -5.31 0.00 | 42.48 -5.36 0.00 | 44.35 -5.71 0.00 | 46.96 -5.98 0.00 | 49.04 -5.81 0.00 | 47.82 -5.85 0.00 | 47.63 -5.83 0.00 | 48.73 -5.96 0.00 | 47.46 -5.93 0.00 | 46.69 -6.25 0.00 | 44.14 -5.62 0.00 | 42.65 -5.65 0.00 | 42.85 -5.46 0.00 | 42.09 -4.68 0.00 | 44.21 -5.42 0.09 | 36.95 -6.41 3.42 |
| LEDERLE____ 23769 | 45.11 2.91 0.00 | 42.55 3.01 0.00 | 38.78 2.81 0.00 | 34.43 2.41 -0.28 | 34.39 2.41 -0.28 | 37.97 2.65 0.00 | 39.86 2.95 0.00 | 47.40 3.87 0.00 | 49.73 3.98 0.00 | 52.48 4.64 0.00 | 55.17 5.11 0.00 | 58.45 5.51 0.00 | 60.61 5.76 0.00 | 59.36 5.69 0.00 | 59.29 5.83 0.00 | 60.60 5.91 0.00 | 59.21 5.82 0.00 | 58.60 5.66 0.00 | 54.94 5.18 0.00 | 53.08 4.78 0.00 | 53.00 4.69 0.00 | 51.45 4.68 0.00 | 56.55 4.77 -2.06 | 54.78 4.21 -3.79 |
| LINDEN COGEN____ 23786 | 60.58 3.29 -15.09 | 54.80 3.36 -11.90 | 39.10 3.13 0.00 | 34.72 2.70 -0.28 | 34.67 2.69 -0.28 | 38.29 2.97 0.00 | 54.85 3.25 -14.69 | 62.48 4.14 -14.81 | 64.81 4.21 -14.85 | 67.30 4.88 -14.58 | 71.52 5.36 -16.10 | 75.16 5.77 -16.45 | 75.54 5.98 -14.71 | 75.41 5.96 -15.78 | 75.35 6.04 -15.85 | 77.61 6.18 -16.74 | 75.33 6.03 -15.91 | 75.14 5.88 -16.32 | 67.22 5.37 -12.09 | 65.41 4.97 -12.14 | 63.28 4.93 -10.04 | 62.38 4.86 -10.75 | 62.00 5.12 -7.16 | 59.90 4.54 -8.58 |
| LIPA_MISC_IPP 23656 | 52.85 4.05 -6.60 | 51.66 4.11 -8.01 | 50.38 3.78 -10.63 | 49.40 3.30 -14.36 | 49.40 3.30 -14.40 | 49.94 3.57 -11.05 | 52.89 3.73 -12.25 | 54.40 4.66 -6.21 | 59.33 4.90 -8.68 | 60.03 5.65 -6.54 | 62.46 6.06 -6.34 | 66.42 6.41 -7.07 | 66.21 6.80 -4.56 | 66.75 6.82 -6.26 | 68.79 6.90 -8.43 | 70.75 7.00 -9.06 | 67.43 6.83 -7.21 | 67.23 6.72 -7.57 | 68.73 6.17 -12.80 | 64.57 5.70 -10.57 | 65.04 5.75 -10.98 | 64.17 5.61 -11.79 | 59.38 5.57 -4.09 | 56.07 4.82 -4.47 |
| LITTLE FALLS___HYD 24013 | 43.97 1.77 0.00 | 41.16 1.62 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.77 1.45 0.00 | 38.57 1.66 0.00 | 45.84 2.31 0.00 | 48.40 2.65 0.00 | 50.76 2.92 0.00 | 53.21 3.15 0.00 | 56.33 3.39 0.00 | 58.47 3.62 0.00 | 57.16 3.49 0.00 | 56.93 3.47 0.00 | 58.25 3.56 0.00 | 56.54 3.15 0.00 | 56.01 3.07 0.00 | 52.55 2.79 0.00 | 50.86 2.56 0.00 | 50.92 2.61 0.00 | 49.25 2.48 0.00 | 52.06 2.39 0.05 | 48.60 1.92 0.10 |
| LONG_LAKE_PHOENIX 24014 | 41.61 -0.59 0.00 | 38.79 -0.75 0.00 | 35.29 -0.68 0.00 | 30.88 -0.60 0.26 | 30.84 -0.60 0.26 | 34.68 -0.64 0.00 | 36.39 -0.52 0.00 | 43.05 -0.48 0.00 | 45.43 -0.32 0.00 | 47.41 -0.43 0.00 | 49.66 -0.40 0.00 | 52.57 -0.37 0.00 | 54.52 -0.33 0.00 | 53.40 -0.27 0.00 | 53.19 -0.27 0.00 | 54.36 -0.33 0.00 | 53.07 -0.32 0.00 | 52.52 -0.42 0.00 | 49.31 -0.45 0.00 | 47.67 -0.63 0.00 | 47.73 -0.58 0.00 | 46.35 -0.42 0.00 | 49.43 -0.45 -0.16 | 46.24 -0.84 -0.30 |
| LOVETT___3 23632 | 44.56 2.36 0.00 | 42.07 2.53 0.00 | 38.34 2.37 0.00 | 34.05 2.03 -0.28 | 34.01 2.03 -0.28 | 37.55 2.23 0.00 | 39.35 2.44 0.00 | 46.71 3.18 0.00 | 48.95 3.20 0.00 | 51.67 3.83 0.00 | 54.31 4.25 0.00 | 57.55 4.61 0.00 | 59.62 4.77 0.00 | 58.39 4.72 0.00 | 58.32 4.86 0.00 | 59.61 4.92 0.00 | 58.25 4.86 0.00 | 57.70 4.76 0.00 | 54.04 4.28 0.00 | 52.26 3.96 0.00 | 52.17 3.86 0.00 | 50.65 3.88 0.00 | 55.72 3.93 -2.07 | 54.24 3.65 -3.81 |
| LOVETT___4 23642 | 44.69 2.49 0.00 | 42.15 2.61 0.00 | 38.42 2.45 0.00 | 34.15 2.13 -0.28 | 34.10 2.12 -0.28 | 37.65 2.33 0.00 | 39.46 2.55 0.00 | 46.84 3.31 0.00 | 49.14 3.39 0.00 | 51.81 3.97 0.00 | 54.52 4.46 0.00 | 57.76 4.82 0.00 | 59.84 4.99 0.00 | 58.61 4.94 0.00 | 58.54 5.08 0.00 | 59.89 5.20 0.00 | 58.46 5.07 0.00 | 57.92 4.98 0.00 | 54.24 4.48 0.00 | 52.45 4.15 0.00 | 52.37 4.06 0.00 | 50.84 4.07 0.00 | 55.92 4.13 -2.07 | 54.43 3.84 -3.81 |
| LOVETT___5 23593 | 44.69 2.49 0.00 | 42.15 2.61 0.00 | 38.42 2.45 0.00 | 34.15 2.13 -0.28 | 34.10 2.12 -0.28 | 37.65 2.33 0.00 | 39.46 2.55 0.00 | 46.84 3.31 0.00 | 49.14 3.39 0.00 | 51.81 3.97 0.00 | 54.52 4.46 0.00 | 57.76 4.82 0.00 | 59.84 4.99 0.00 | 58.61 4.94 0.00 | 58.54 5.08 0.00 | 59.89 5.20 0.00 | 58.46 5.07 0.00 | 57.92 4.98 0.00 | 54.24 4.48 0.00 | 52.45 4.15 0.00 | 52.37 4.06 0.00 | 50.84 4.07 0.00 | 55.92 4.13 -2.07 | 54.43 3.84 -3.81 |
| LOWER RAQUET___HYD 24057 | 42.07 -0.13 0.00 | 39.30 -0.24 0.00 | 35.65 -0.32 0.00 | 31.42 -0.32 0.00 | 31.38 -0.32 0.00 | 35.07 -0.25 0.00 | 36.73 -0.18 0.00 | 42.70 -0.83 0.00 | 44.88 -0.87 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.51 -1.43 0.00 | 53.31 -1.54 0.00 | 52.22 -1.45 0.00 | 52.66 -0.80 0.00 | 53.92 -0.77 0.00 | 52.64 -0.75 0.00 | 52.30 -0.64 0.00 | 49.26 -0.50 0.00 | 47.96 -0.34 0.00 | 47.92 -0.39 0.00 | 46.02 -0.75 0.00 | 48.92 -0.80 0.00 | 46.50 -0.28 0.00 |
| LOWER___HUDSON 24059 | 44.35 2.15 0.00 | 41.71 2.17 0.00 | 37.98 2.01 0.00 | 33.55 1.81 0.00 | 33.54 1.84 0.00 | 37.33 2.01 0.00 | 38.98 2.07 0.00 | 45.97 2.44 0.00 | 48.31 2.56 0.00 | 50.85 3.01 0.00 | 53.41 3.35 0.00 | 56.54 3.60 0.00 | 58.58 3.73 0.00 | 57.37 3.70 0.00 | 57.20 3.74 0.00 | 58.52 3.83 0.00 | 57.18 3.79 0.00 | 56.75 3.81 0.00 | 53.24 3.48 0.00 | 51.58 3.28 0.00 | 51.59 3.28 0.00 | 49.95 3.18 0.00 | 55.60 3.13 -2.75 | 54.79 2.85 -5.16 |
| MG INDUSTRY___DRP 24185 | 43.55 1.35 0.00 | 41.00 1.46 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.66 1.34 0.00 | 38.20 1.29 0.00 | 45.18 1.65 0.00 | 47.49 1.74 0.00 | 49.90 2.06 0.00 | 52.36 2.30 0.00 | 55.48 2.54 0.00 | 57.43 2.58 0.00 | 56.19 2.52 0.00 | 56.03 2.57 0.00 | 57.26 2.57 0.00 | 55.95 2.56 0.00 | 55.53 2.59 0.00 | 52.05 2.29 0.00 | 50.47 2.17 0.00 | 50.44 2.13 0.00 | 48.87 2.10 0.00 | 54.65 2.24 -2.69 | 53.79 1.96 -5.05 |
| MILLIKEN___1 23584 | 38.28 -3.92 0.00 | 35.86 -3.68 0.00 | 32.59 -3.38 0.00 | 27.16 -2.98 1.60 | 27.15 -2.95 1.60 | 32.14 -3.18 0.00 | 33.88 -3.03 0.00 | 40.31 -3.22 0.00 | 42.87 -2.88 0.00 | 45.07 -2.77 0.00 | 47.31 -2.75 0.00 | 50.19 -2.75 0.00 | 52.16 -2.69 0.00 | 51.15 -2.52 0.00 | 50.95 -2.51 0.00 | 52.01 -2.68 0.00 | 50.61 -2.78 0.00 | 49.92 -3.02 0.00 | 46.77 -2.99 0.00 | 45.06 -3.24 0.00 | 45.22 -3.09 0.00 | 43.82 -2.95 0.00 | 46.39 -3.68 -0.35 | 43.01 -4.12 -0.35 |
| MILLIKEN___2 23585 | 38.28 -3.92 0.00 | 35.86 -3.68 0.00 | 32.59 -3.38 0.00 | 27.16 -2.98 1.60 | 27.15 -2.95 1.60 | 32.14 -3.18 0.00 | 33.88 -3.03 0.00 | 40.31 -3.22 0.00 | 42.87 -2.88 0.00 | 45.07 -2.77 0.00 | 47.31 -2.75 0.00 | 50.19 -2.75 0.00 | 52.16 -2.69 0.00 | 51.15 -2.52 0.00 | 50.95 -2.51 0.00 | 52.01 -2.68 0.00 | 50.61 -2.78 0.00 | 49.92 -3.02 0.00 | 46.77 -2.99 0.00 | 45.06 -3.24 0.00 | 45.22 -3.09 0.00 | 43.82 -2.95 0.00 | 46.39 -3.68 -0.35 | 43.01 -4.12 -0.35 |
| MILLIKEN___DIESEL 23629 | 38.49 -3.71 0.00 | 36.06 -3.48 0.00 | 32.77 -3.20 0.00 | 27.32 -2.82 1.60 | 27.31 -2.79 1.60 | 32.32 -3.00 0.00 | 34.07 -2.84 0.00 | 40.53 -3.00 0.00 | 43.10 -2.65 0.00 | 45.30 -2.54 0.00 | 47.61 -2.45 0.00 | 50.45 -2.49 0.00 | 52.49 -2.36 0.00 | 51.47 -2.20 0.00 | 51.27 -2.19 0.00 | 52.34 -2.35 0.00 | 50.93 -2.46 0.00 | 50.24 -2.70 0.00 | 47.07 -2.69 0.00 | 45.35 -2.95 0.00 | 45.46 -2.85 0.00 | 44.06 -2.71 0.00 | 46.64 -3.43 -0.35 | 43.25 -3.88 -0.35 |

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| MODEL_CITY_ENERGY 24167 | 36.46 -5.74 0.00 | 34.56 -4.98 0.00 | 31.47 -4.50 0.00 | 25.60 -3.84 2.30 | 25.60 -3.80 2.30 | 31.01 -4.31 0.00 | 32.04 -4.87 0.00 | 38.48 -5.05 0.00 | 40.44 -5.31 0.00 | 42.53 -5.31 0.00 | 44.40 -5.66 0.00 | 47.01 -5.93 0.00 | 49.26 -5.59 0.00 | 47.98 -5.69 0.00 | 47.85 -5.61 0.00 | 48.89 -5.80 0.00 | 47.57 -5.82 0.00 | 46.80 -6.14 0.00 | 44.34 -5.42 0.00 | 42.79 -5.51 0.00 | 43.04 -5.27 0.00 | 42.42 -4.35 0.00 | 44.32 -5.37 0.03 | 37.59 -6.64 2.55 |
| MOHAWK_PAPER___DRP 24187 | 44.31 2.11 0.00 | 41.68 2.14 0.00 | 37.98 2.01 0.00 | 33.55 1.81 0.00 | 33.51 1.81 0.00 | 37.30 1.98 0.00 | 38.98 2.07 0.00 | 46.10 2.57 0.00 | 48.50 2.75 0.00 | 51.05 3.21 0.00 | 53.61 3.55 0.00 | 56.75 3.81 0.00 | 58.80 3.95 0.00 | 57.53 3.86 0.00 | 57.42 3.96 0.00 | 58.74 4.05 0.00 | 57.34 3.95 0.00 | 56.91 3.97 0.00 | 53.34 3.58 0.00 | 51.63 3.33 0.00 | 51.64 3.33 0.00 | 50.00 3.23 0.00 | 55.71 3.23 -2.76 | 54.82 2.85 -5.19 |
| MONGAUP___HYD 23641 | 44.61 2.41 0.00 | 41.99 2.45 0.00 | 38.24 2.27 0.00 | 33.99 1.97 -0.28 | 33.91 1.93 -0.28 | 37.44 2.12 0.00 | 39.42 2.51 0.00 | 46.93 3.40 0.00 | 49.36 3.61 0.00 | 52.29 4.45 0.00 | 54.97 4.91 0.00 | 58.29 5.35 0.00 | 60.39 5.54 0.00 | 59.25 5.58 0.00 | 59.18 5.72 0.00 | 60.43 5.74 0.00 | 59.10 5.71 0.00 | 58.55 5.61 0.00 | 54.84 5.08 0.00 | 52.94 4.64 0.00 | 52.85 4.54 0.00 | 51.31 4.54 0.00 | 56.14 4.47 -1.95 | 54.23 3.88 -3.57 |
| MONTAUK___DIESEL 23721 | 54.83 6.03 -6.60 | 53.36 5.81 -8.01 | 51.85 5.25 -10.63 | 50.67 4.57 -14.36 | 50.63 4.53 -14.40 | 51.39 5.02 -11.05 | 54.66 5.50 -12.25 | 56.92 7.18 -6.21 | 62.34 7.91 -8.68 | 63.42 9.04 -6.54 | 66.21 9.81 -6.34 | 70.49 10.48 -7.07 | 70.76 11.35 -4.56 | 71.20 11.27 -6.26 | 73.33 11.44 -8.43 | 75.35 11.60 -9.06 | 71.87 11.27 -7.21 | 71.63 11.12 -7.57 | 72.81 10.25 -12.80 | 68.38 9.51 -10.57 | 68.85 9.56 -10.98 | 67.73 9.17 -11.79 | 62.56 8.75 -4.09 | 58.50 7.25 -4.47 |
| N SALMON___HYD 24042 | 41.82 -0.38 0.00 | 39.11 -0.43 0.00 | 35.47 -0.50 0.00 | 31.30 -0.44 0.00 | 31.26 -0.44 0.00 | 34.90 -0.42 0.00 | 36.47 -0.44 0.00 | 42.75 -0.78 0.00 | 44.83 -0.92 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.51 -1.43 0.00 | 53.31 -1.54 0.00 | 52.17 -1.50 0.00 | 52.07 -1.39 0.00 | 53.32 -1.37 0.00 | 52.06 -1.33 0.00 | 51.72 -1.22 0.00 | 48.76 -1.00 0.00 | 47.48 -0.82 0.00 | 47.39 -0.92 0.00 | 45.60 -1.17 0.00 | 48.46 -1.19 0.07 | 46.04 -0.61 0.13 |
| N.E._GEN_SANDY PD 24062 | 35.74 2.11 8.57 | 34.81 2.17 6.90 | 37.98 2.01 0.00 | 33.55 1.81 0.00 | 33.51 1.81 0.00 | 37.30 1.98 0.00 | 38.68 2.03 0.26 | 42.88 2.48 3.13 | 51.62 2.56 -3.31 | 50.81 2.97 0.00 | 53.36 3.30 0.00 | 56.54 3.60 0.00 | 58.58 3.73 0.00 | 57.32 3.65 0.00 | 57.20 3.74 0.00 | 58.46 3.77 0.00 | 57.13 3.74 0.00 | 56.65 3.71 0.00 | 53.14 3.38 0.00 | 51.44 3.14 0.00 | 52.84 3.09 -1.44 | 52.86 3.09 -3.00 | 52.00 3.13 0.85 | 54.46 2.85 -4.83 |
| NARROWS_GT1_1 24228 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_2 24229 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_3 24230 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_4 24231 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_5 24232 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_6 24233 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_7 24234 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_8 24235 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT1_GRP 23726 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_1 24236 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |

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|-------------------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| NARROWS_GT2_2 24237 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_3 24238 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_4 24239 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_5 24240 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_6 24241 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_7 24242 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_8 24243 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NARROWS_GT2_GRP 23741 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |
| NEG CAPITAL___MECHNVIL 23645 | 44.73 2.53 0.00 | 42.07 2.53 0.00 | 38.27 2.30 0.00 | 33.80 2.06 0.00 | 33.79 2.09 0.00 | 37.62 2.30 0.00 | 39.31 2.40 0.00 | 46.40 2.87 0.00 | 48.77 3.02 0.00 | 51.38 3.54 0.00 | 53.96 3.90 0.00 | 57.18 4.24 0.00 | 59.29 4.44 0.00 | 58.02 4.35 0.00 | 57.90 4.44 0.00 | 59.28 4.59 0.00 | 57.93 4.54 0.00 | 57.44 4.50 0.00 | 53.94 4.18 0.00 | 52.26 3.96 0.00 | 52.27 3.96 0.00 | 50.51 3.74 0.00 | 56.21 3.73 0.00 | 55.29 3.32 -5.19 |
| NEG CENTRAL_HIGH_ACRES 23767 | 39.04 -3.16 0.00 | 37.05 -2.49 0.00 | 33.70 -2.27 0.00 | 28.51 -1.94 1.29 | 28.48 -1.93 1.29 | 33.20 -2.12 0.00 | 34.66 -2.25 0.00 | 41.01 -2.52 0.00 | 43.37 -2.38 0.00 | 45.45 -2.39 0.00 | 47.61 -2.45 0.00 | 50.40 -2.54 0.00 | 52.44 -2.41 0.00 | 51.31 -2.36 0.00 | 51.16 -2.30 0.00 | 52.28 -2.41 0.00 | 50.93 -2.46 0.00 | 50.24 -2.70 0.00 | 47.22 -2.54 0.00 | 45.64 -2.66 0.00 | 45.80 -2.51 0.00 | 44.71 -2.06 0.00 | 47.44 -2.54 -0.26 | 44.12 -3.37 -0.71 |
| NEG CENTRAL___DRP 24199 | 39.75 -2.45 0.00 | 37.44 -2.10 0.00 | 34.06 -1.91 0.00 | 28.66 -1.68 1.40 | 28.65 -1.65 1.40 | 33.52 -1.80 0.00 | 35.14 -1.77 0.00 | 41.88 -1.65 0.00 | 44.42 -1.33 0.00 | 46.64 -1.20 0.00 | 48.86 -1.20 0.00 | 51.78 -1.16 0.00 | 53.92 -0.93 0.00 | 52.76 -0.91 0.00 | 52.60 -0.86 0.00 | 53.76 -0.93 0.00 | 52.38 -1.01 0.00 | 51.72 -1.22 0.00 | 48.57 -1.19 0.00 | 46.80 -1.50 0.00 | 46.96 -1.35 0.00 | 45.55 -1.22 0.00 | 48.20 -1.79 -0.27 | 44.57 -2.62 -0.41 |
| NEG CENTRAL___INDECK 23768 | 38.57 -3.63 0.00 | 36.89 -2.65 0.00 | 33.56 -2.41 0.00 | 26.55 -2.09 3.10 | 26.54 -2.06 3.10 | 33.09 -2.23 0.00 | 34.66 -2.25 0.00 | 41.66 -1.87 0.00 | 44.38 -1.37 0.00 | 46.55 -1.29 0.00 | 48.81 -1.25 0.00 | 51.72 -1.22 0.00 | 54.08 -0.77 0.00 | 52.97 -0.70 0.00 | 52.82 -0.64 0.00 | 53.98 -0.71 0.00 | 52.54 -0.85 0.00 | 51.72 -1.22 0.00 | 48.57 -1.19 0.00 | 46.95 -1.35 0.00 | 47.30 -1.01 0.00 | 46.02 -0.75 0.00 | 48.16 -1.94 -0.38 | 42.84 -3.65 0.29 |
| NEG CENTRAL___SENECA 23627 | 39.04 -3.16 0.00 | 36.89 -2.65 0.00 | 33.60 -2.37 0.00 | 27.74 -2.09 1.91 | 27.70 -2.09 1.91 | 33.02 -2.30 0.00 | 34.66 -2.25 0.00 | 41.44 -2.09 0.00 | 44.06 -1.69 0.00 | 46.40 -1.44 0.00 | 48.61 -1.45 0.00 | 51.51 -1.43 0.00 | 53.75 -1.10 0.00 | 52.60 -1.07 0.00 | 52.44 -1.02 0.00 | 53.60 -1.09 0.00 | 52.22 -1.17 0.00 | 51.51 -1.43 0.00 | 48.32 -1.44 0.00 | 46.51 -1.79 0.00 | 46.76 -1.55 0.00 | 45.32 -1.45 0.00 | 47.74 -2.29 -0.31 | 43.84 -3.37 -0.43 |
| NEG CENTRAL___STATE_STREET 24147 | 40.05 -2.15 0.00 | 37.60 -1.94 0.00 | 34.21 -1.76 0.00 | 29.22 -1.56 0.96 | 29.19 -1.55 0.96 | 33.66 -1.66 0.00 | 35.40 -1.51 0.00 | 42.05 -1.48 0.00 | 44.61 -1.14 0.00 | 46.84 -1.00 0.00 | 49.11 -0.95 0.00 | 52.04 -0.90 0.00 | 54.14 -0.71 0.00 | 53.03 -0.64 0.00 | 52.82 -0.64 0.00 | 53.98 -0.71 0.00 | 52.59 -0.80 0.00 | 51.93 -1.01 0.00 | 48.71 -1.05 0.00 | 46.95 -1.35 0.00 | 47.10 -1.21 0.00 | 45.69 -1.08 0.00 | 48.39 -1.59 -0.26 | 45.02 -2.25 -0.49 |
| NEG MILLWOOD___DRP 24198 | 45.07 2.87 0.00 | 42.51 2.97 0.00 | 38.70 2.73 0.00 | 34.40 2.38 -0.28 | 34.36 2.38 -0.28 | 37.93 2.61 0.00 | 39.94 3.03 0.00 | 47.36 3.83 0.00 | 49.68 3.93 0.00 | 52.48 4.64 0.00 | 55.22 5.16 0.00 | 58.50 5.56 0.00 | 60.55 5.70 0.00 | 59.36 5.69 0.00 | 59.23 5.77 0.00 | 60.76 6.07 0.00 | 59.32 5.93 0.00 | 58.60 5.66 0.00 | 54.94 5.18 0.00 | 53.08 4.78 0.00 | 52.95 4.64 0.00 | 51.45 4.68 0.00 | 56.73 4.82 -2.19 | 55.01 4.21 -4.02 |
| NEG NORTH_FLCN_SEA 23793 | 41.52 -0.68 0.00 | 38.87 -0.67 0.00 | 35.25 -0.72 0.00 | 31.11 -0.63 0.00 | 31.07 -0.63 0.00 | 34.68 -0.64 0.00 | 36.25 -0.66 0.00 | 42.57 -0.96 0.00 | 44.70 -1.05 0.00 | 46.64 -1.20 0.00 | 48.81 -1.25 0.00 | 51.56 -1.38 0.00 | 53.31 -1.54 0.00 | 52.22 -1.45 0.00 | 52.02 -1.44 0.00 | 53.16 -1.53 0.00 | 51.89 -1.50 0.00 | 51.56 -1.38 0.00 | 48.62 -1.14 0.00 | 47.24 -1.06 0.00 | 47.15 -1.16 0.00 | 45.37 -1.40 0.00 | 48.20 -1.39 0.13 | 45.69 -0.84 0.25 |

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|----------------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|
| NEG NORTH_KES_CHATEGAY 23792 | 41.65 -0.55 0.00 | 38.99 -0.55 0.00 | 35.36 -0.61 0.00 | 31.20 -0.54 0.00 | 31.16 -0.54 0.00 | 34.79 -0.53 0.00 | 36.32 -0.59 0.00 | 42.62 -0.91 0.00 | 44.74 -1.01 0.00 | 46.64 -1.20 0.00 | 48.66 -1.40 0.00 | 51.40 -1.54 0.00 | 53.15 -1.70 0.00 | 52.06 -1.61 0.00 | 51.80 -1.66 0.00 | 52.99 -1.70 0.00 | 51.79 -1.60 0.00 | 51.46 -1.48 0.00 | 48.47 -1.29 0.00 | 47.24 -1.06 0.00 | 47.15 -1.16 0.00 | 45.32 -1.45 0.00 | 48.19 -1.44 0.09 | 45.81 -0.80 0.17 |
| NEG NORTH___ALICE_FALLS 23915 | 41.78 -0.42 0.00 | 39.14 -0.40 0.00 | 35.50 -0.47 0.00 | 31.33 -0.41 0.00 | 31.29 -0.41 0.00 | 34.93 -0.39 0.00 | 36.50 -0.41 0.00 | 42.92 -0.61 0.00 | 45.11 -0.64 0.00 | 47.07 -0.77 0.00 | 49.16 -0.90 0.00 | 51.93 -1.01 0.00 | 53.75 -1.10 0.00 | 52.65 -1.02 0.00 | 52.39 -1.07 0.00 | 53.60 -1.09 0.00 | 52.32 -1.07 0.00 | 51.99 -0.95 0.00 | 49.01 -0.75 0.00 | 47.67 -0.63 0.00 | 47.54 -0.77 0.00 | 45.74 -1.03 0.00 | 48.55 -1.04 0.13 | 46.03 -0.51 0.24 |
| NEG NORTH___LWR_SARANAC 23913 | 41.78 -0.42 0.00 | 39.14 -0.40 0.00 | 35.50 -0.47 0.00 | 31.33 -0.41 0.00 | 31.29 -0.41 0.00 | 34.93 -0.39 0.00 | 36.50 -0.41 0.00 | 42.92 -0.61 0.00 | 45.11 -0.64 0.00 | 47.07 -0.77 0.00 | 49.16 -0.90 0.00 | 51.93 -1.01 0.00 | 53.75 -1.10 0.00 | 52.65 -1.02 0.00 | 52.39 -1.07 0.00 | 53.60 -1.09 0.00 | 52.32 -1.07 0.00 | 51.99 -0.95 0.00 | 49.01 -0.75 0.00 | 47.67 -0.63 0.00 | 47.54 -0.77 0.00 | 45.79 -0.98 0.00 | 48.55 -1.04 0.13 | 46.03 -0.51 0.24 |
| NEG NORTH___PLATTSBURG 23628 | 41.78 -0.42 0.00 | 39.14 -0.40 0.00 | 35.50 -0.47 0.00 | 31.33 -0.41 0.00 | 31.29 -0.41 0.00 | 34.93 -0.39 0.00 | 36.50 -0.41 0.00 | 42.92 -0.61 0.00 | 45.11 -0.64 0.00 | 47.07 -0.77 0.00 | 49.16 -0.90 0.00 | 51.93 -1.01 0.00 | 53.75 -1.10 0.00 | 52.65 -1.02 0.00 | 52.39 -1.07 0.00 | 53.60 -1.09 0.00 | 52.32 -1.07 0.00 | 51.99 -0.95 0.00 | 49.01 -0.75 0.00 | 47.67 -0.63 0.00 | 47.54 -0.77 0.00 | 45.74 -1.03 0.00 | 48.55 -1.04 0.13 | 46.03 -0.51 0.24 |
| NEG WEST_LEA_LOCKPORT 23791 | 36.38 -5.82 0.00 | 34.52 -5.02 0.00 | 31.44 -4.53 0.00 | 25.62 -3.87 2.25 | 25.61 -3.84 2.25 | 30.98 -4.34 0.00 | 32.04 -4.87 0.00 | 38.48 -5.05 0.00 | 40.44 -5.31 0.00 | 42.48 -5.36 0.00 | 44.40 -5.66 0.00 | 46.96 -5.98 0.00 | 49.26 -5.59 0.00 | 47.98 -5.69 0.00 | 47.85 -5.61 0.00 | 48.89 -5.80 0.00 | 47.57 -5.82 0.00 | 46.80 -6.14 0.00 | 44.34 -5.42 0.00 | 42.79 -5.51 0.00 | 43.00 -5.31 0.00 | 42.47 -4.30 0.00 | 44.21 -5.47 0.04 | 37.71 -6.69 2.38 |
| NEG WEST___LANCASTR 23811 | 36.21 -5.99 0.00 | 34.24 -5.30 0.00 | 31.22 -4.75 0.00 | 24.44 -4.22 3.08 | 24.44 -4.18 3.08 | 30.59 -4.73 0.00 | 32.04 -4.87 0.00 | 39.70 -3.83 0.00 | 42.32 -3.43 0.00 | 44.97 -2.87 0.00 | 47.01 -3.05 0.00 | 49.82 -3.12 0.00 | 52.49 -2.36 0.00 | 51.31 -2.36 0.00 | 51.21 -2.25 0.00 | 52.28 -2.41 0.00 | 50.88 -2.51 0.00 | 50.19 -2.75 0.00 | 47.27 -2.49 0.00 | 45.11 -3.19 0.00 | 45.65 -2.66 0.00 | 44.15 -2.62 0.00 | 45.39 -4.42 -0.09 | 38.05 -6.50 2.23 |
| NEG_PENN_ALLEGHNY 23528 | 40.64 -1.56 0.00 | 38.20 -1.34 0.00 | 34.82 -1.15 0.00 | 33.12 -1.05 -2.43 | 33.08 -1.05 -2.43 | 34.12 -1.20 0.00 | 35.80 -1.11 0.00 | 43.27 -0.26 0.00 | 45.93 0.18 0.00 | 48.46 0.62 0.00 | 50.76 0.70 0.00 | 53.79 0.85 0.00 | 56.06 1.21 0.00 | 54.85 1.18 0.00 | 54.74 1.28 0.00 | 55.95 1.26 0.00 | 54.51 1.12 0.00 | 53.89 0.95 0.00 | 50.51 0.75 0.00 | 48.54 0.24 0.00 | 48.84 0.53 0.00 | 47.10 0.33 0.00 | 49.89 -0.50 -0.67 | 46.07 -1.45 -0.74 |
| NEG___GEN_MONROE 24207 | 39.20 -3.00 0.00 | 37.64 -1.90 0.00 | 34.21 -1.76 0.00 | 28.62 -1.46 1.66 | 28.61 -1.43 1.66 | 33.77 -1.55 0.00 | 35.25 -1.66 0.00 | 41.79 -1.74 0.00 | 44.24 -1.51 0.00 | 46.50 -1.34 0.00 | 48.76 -1.30 0.00 | 51.67 -1.27 0.00 | 53.92 -0.93 0.00 | 52.76 -0.91 0.00 | 52.60 -0.86 0.00 | 53.76 -0.93 0.00 | 52.32 -1.07 0.00 | 51.51 -1.43 0.00 | 48.47 -1.29 0.00 | 46.75 -1.55 0.00 | 46.96 -1.35 0.00 | 45.97 -0.80 0.00 | 48.43 -1.59 -0.30 | 43.67 -2.95 0.16 |
| NEPA___ENERGY 23901 | 35.41 -6.79 0.00 | 33.45 -6.09 0.00 | 30.57 -5.40 0.00 | 23.20 -4.89 3.65 | 23.17 -4.88 3.65 | 29.85 -5.47 0.00 | 31.52 -5.39 0.00 | 39.83 -3.70 0.00 | 43.05 -2.70 0.00 | 46.07 -1.77 0.00 | 48.16 -1.90 0.00 | 50.98 -1.96 0.00 | 53.92 -0.93 0.00 | 52.65 -1.02 0.00 | 52.71 -0.75 0.00 | 53.76 -0.93 0.00 | 52.43 -0.96 0.00 | 51.67 -1.27 0.00 | 48.37 -1.39 0.00 | 45.84 -2.46 0.00 | 46.62 -1.69 0.00 | 44.48 -2.29 0.00 | 45.19 -4.72 -0.19 | 37.90 -7.16 1.72 |
| NEVERSink___HYD 23608 | 44.10 1.90 0.00 | 41.52 1.98 0.00 | 37.80 1.83 0.00 | 33.64 1.59 -0.31 | 33.60 1.59 -0.31 | 37.05 1.73 0.00 | 38.87 1.96 0.00 | 46.23 2.70 0.00 | 48.63 2.88 0.00 | 51.33 3.49 0.00 | 53.91 3.85 0.00 | 57.12 4.18 0.00 | 59.18 4.33 0.00 | 57.96 4.29 0.00 | 57.84 4.38 0.00 | 59.12 4.43 0.00 | 57.82 4.43 0.00 | 57.28 4.34 0.00 | 53.69 3.93 0.00 | 51.87 3.57 0.00 | 51.84 3.53 0.00 | 50.28 3.51 0.00 | 55.05 3.48 -1.85 | 53.10 2.95 -3.37 |
| NIAGARA___ 23760 | 36.33 -5.87 0.00 | 34.36 -5.18 0.00 | 31.29 -4.68 0.00 | 25.54 -4.00 2.20 | 25.54 -3.96 2.20 | 30.83 -4.49 0.00 | 31.82 -5.09 0.00 | 38.09 -5.44 0.00 | 39.99 -5.76 0.00 | 42.10 -5.74 0.00 | 43.90 -6.16 0.00 | 46.43 -6.51 0.00 | 48.65 -6.20 0.00 | 47.34 -6.33 0.00 | 47.21 -6.25 0.00 | 48.24 -6.45 0.00 | 46.98 -6.41 0.00 | 46.16 -6.78 0.00 | 43.74 -6.02 0.00 | 42.26 -6.04 0.00 | 42.46 -5.85 0.00 | 41.91 -4.86 0.00 | 43.91 -5.77 0.04 | 36.46 -6.97 3.35 |
| NINE_MILE_1 23575 | 40.93 -1.27 0.00 | 38.20 -1.34 0.00 | 34.75 -1.22 0.00 | 30.66 -1.08 0.00 | 30.62 -1.08 0.00 | 34.12 -1.20 0.00 | 35.69 -1.22 0.00 | 42.18 -1.35 0.00 | 44.47 -1.28 0.00 | 46.26 -1.58 0.00 | 48.41 -1.65 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 52.01 -1.66 0.00 | 51.80 -1.66 0.00 | 52.99 -1.70 0.00 | 51.68 -1.71 0.00 | 51.19 -1.75 0.00 | 48.12 -1.64 0.00 | 46.61 -1.69 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.41 -1.44 -0.13 | 45.39 -1.64 -0.25 |
| NINE_MILE_2 23744 | 40.93 -1.27 0.00 | 38.12 -1.42 0.00 | 34.67 -1.30 0.00 | 30.60 -1.14 0.00 | 30.56 -1.14 0.00 | 34.08 -1.24 0.00 | 35.62 -1.29 0.00 | 42.14 -1.39 0.00 | 44.38 -1.37 0.00 | 46.17 -1.67 0.00 | 48.31 -1.75 0.00 | 51.09 -1.85 0.00 | 52.99 -1.86 0.00 | 51.90 -1.77 0.00 | 51.70 -1.76 0.00 | 52.89 -1.80 0.00 | 51.57 -1.82 0.00 | 51.09 -1.85 0.00 | 48.02 -1.74 0.00 | 46.51 -1.79 0.00 | 46.52 -1.79 0.00 | 45.18 -1.59 0.00 | 48.31 -1.54 -0.13 | 45.29 -1.73 -0.24 |
| NM_CAPITAL___DRP 24208 | 44.14 1.94 0.00 | 41.52 1.98 0.00 | 37.84 1.87 0.00 | 33.42 1.68 0.00 | 33.38 1.68 0.00 | 37.16 1.84 0.00 | 38.79 1.88 0.00 | 45.88 2.35 0.00 | 48.22 2.47 0.00 | 50.76 2.92 0.00 | 53.26 3.20 0.00 | 56.43 3.49 0.00 | 58.47 3.62 0.00 | 57.21 3.54 0.00 | 57.04 3.58 0.00 | 58.35 3.66 0.00 | 56.97 3.58 0.00 | 56.54 3.60 0.00 | 53.04 3.28 0.00 | 51.34 3.04 0.00 | 51.35 3.04 0.00 | 49.72 2.95 0.00 | 55.39 2.93 -2.74 | 54.55 2.62 -5.15 |
| NM_CENTRAL___DRP 24181 | 41.44 -0.76 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.81 -0.67 0.26 | 30.77 -0.67 0.26 | 34.61 -0.71 0.00 | 36.28 -0.63 0.00 | 42.96 -0.57 0.00 | 45.38 -0.37 0.00 | 47.41 -0.43 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.52 -0.33 0.00 | 53.40 -0.27 0.00 | 53.19 -0.27 0.00 | 54.36 -0.33 0.00 | 53.07 -0.32 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.67 -0.63 0.00 | 47.73 -0.58 0.00 | 46.35 -0.42 0.00 | 49.34 -0.55 -0.17 | 46.16 -0.94 -0.32 |
| NM_FRONTIER___DRP 24179 | 36.63 -5.57 0.00 | 34.64 -4.90 0.00 | 31.55 -4.42 0.00 | 25.68 -3.78 2.28 | 25.68 -3.74 2.28 | 31.08 -4.24 0.00 | 32.11 -4.80 0.00 | 38.48 -5.05 0.00 | 40.31 -5.44 0.00 | 42.39 -5.45 0.00 | 44.25 -5.81 0.00 | 46.85 -6.09 0.00 | 49.09 -5.76 0.00 | 47.82 -5.85 0.00 | 47.63 -5.83 0.00 | 48.67 -6.02 0.00 | 47.41 -5.98 0.00 | 46.59 -6.35 0.00 | 44.24 -5.52 0.00 | 42.70 -5.60 0.00 | 42.90 -5.41 0.00 | 42.37 -4.40 0.00 | 44.37 -5.32 0.03 | 37.02 -6.64 3.12 |

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| NM_ST_REGIS___HYD 24053 | 42.03 -0.17 0.00 | 39.30 -0.24 0.00 | 35.65 -0.32 0.00 | 31.42 -0.32 0.00 | 31.38 -0.32 0.00 | 35.07 -0.25 0.00 | 36.69 -0.22 0.00 | 42.75 -0.78 0.00 | 44.88 -0.87 0.00 | 46.79 -1.05 0.00 | 48.86 -1.20 0.00 | 51.56 -1.38 0.00 | 53.31 -1.54 0.00 | 52.27 -1.40 0.00 | 52.55 -0.91 0.00 | 53.81 -0.88 0.00 | 52.54 -0.85 0.00 | 52.20 -0.74 0.00 | 49.16 -0.60 0.00 | 47.87 -0.43 0.00 | 47.83 -0.48 0.00 | 45.97 -0.80 0.00 | 48.83 -0.85 0.04 | 46.42 -0.28 0.08 |
| NORTHPORT___1 23551 | 52.08 3.38 -6.50 | 51.09 3.60 -7.95 | 49.98 3.38 -10.63 | 49.08 2.98 -14.36 | 49.08 2.98 -14.40 | 49.62 3.25 -11.05 | 52.35 3.25 -12.19 | 53.73 4.05 -6.15 | 58.35 3.98 -8.62 | 58.90 4.59 -6.47 | 61.12 4.86 -6.20 | 65.20 5.24 -7.02 | 64.80 5.43 -4.52 | 65.35 5.47 -6.21 | 67.40 5.56 -8.38 | 69.33 5.63 -9.01 | 66.05 5.50 -7.16 | 65.91 5.45 -7.52 | 62.73 4.98 -7.99 | 63.37 4.54 -10.53 | 63.75 4.49 -10.95 | 63.01 4.49 -11.75 | 58.28 4.52 -4.04 | 55.33 4.12 -4.43 |
| NORTHPORT___2 23552 | 52.03 3.33 -6.50 | 51.05 3.56 -7.95 | 49.98 3.38 -10.63 | 49.08 2.98 -14.36 | 49.08 2.98 -14.40 | 49.58 3.21 -11.05 | 52.31 3.21 -12.19 | 53.64 3.96 -6.15 | 58.35 3.98 -8.62 | 58.85 4.54 -6.47 | 61.07 4.81 -6.20 | 65.15 5.19 -7.02 | 64.75 5.38 -4.52 | 65.35 5.47 -6.21 | 67.40 5.56 -8.38 | 69.33 5.63 -9.01 | 66.00 5.45 -7.16 | 65.86 5.40 -7.52 | 62.73 4.98 -7.99 | 63.37 4.54 -10.53 | 63.75 4.49 -10.95 | 62.96 4.44 -11.75 | 58.23 4.47 -4.04 | 55.28 4.07 -4.43 |
| NORTHPORT___3 23553 | 52.33 3.71 -6.42 | 51.43 3.99 -7.90 | 50.38 3.78 -10.63 | 49.43 3.33 -14.36 | 49.43 3.33 -14.40 | 50.01 3.64 -11.05 | 52.97 3.91 -12.15 | 54.55 4.92 -6.10 | 59.18 4.85 -8.58 | 59.33 5.07 -6.42 | 61.52 5.36 -6.10 | 65.81 5.88 -6.99 | 64.83 5.48 -4.50 | 65.27 5.42 -6.18 | 67.16 5.35 -8.35 | 69.25 5.58 -8.98 | 66.07 5.55 -7.13 | 65.77 5.35 -7.48 | 62.49 4.78 -7.95 | 63.39 4.59 -10.50 | 63.83 4.59 -10.93 | 62.86 4.35 -11.74 | 58.85 5.12 -4.01 | 56.23 5.05 -4.40 |
| NORTHPORT___4 23650 | 52.38 3.76 -6.42 | 51.51 4.07 -7.90 | 50.38 3.78 -10.63 | 49.46 3.36 -14.36 | 49.43 3.33 -14.40 | 50.04 3.67 -11.05 | 52.97 3.91 -12.15 | 54.51 4.88 -6.10 | 59.13 4.80 -8.58 | 59.43 5.17 -6.42 | 61.62 5.46 -6.10 | 65.86 5.93 -6.99 | 64.78 5.43 -4.50 | 65.27 5.42 -6.18 | 67.16 5.35 -8.35 | 69.25 5.58 -8.98 | 66.07 5.55 -7.13 | 65.77 5.35 -7.48 | 62.49 4.78 -7.95 | 63.39 4.59 -10.50 | 63.83 4.59 -10.93 | 62.81 4.30 -11.74 | 59.00 5.27 -4.01 | 56.37 5.19 -4.40 |
| NORTHPORT___IC 23718 | 52.16 3.46 -6.50 | 51.17 3.68 -7.95 | 50.02 3.42 -10.63 | 49.15 3.05 -14.36 | 49.11 3.01 -14.40 | 49.65 3.28 -11.05 | 52.42 3.32 -12.19 | 53.82 4.14 -6.15 | 58.53 4.16 -8.62 | 59.09 4.78 -6.47 | 61.32 5.06 -6.20 | 65.41 5.45 -7.02 | 65.02 5.65 -4.52 | 65.62 5.74 -6.21 | 67.67 5.83 -8.38 | 69.61 5.91 -9.01 | 66.26 5.71 -7.16 | 66.12 5.66 -7.52 | 62.98 5.23 -7.99 | 63.61 4.78 -10.53 | 63.95 4.69 -10.95 | 63.20 4.68 -11.75 | 58.48 4.72 -4.04 | 55.47 4.26 -4.43 |
| NSINS_S_GLNS_FALLS 23858 | 45.41 3.21 0.00 | 42.66 3.12 0.00 | 38.78 2.81 0.00 | 34.25 2.51 0.00 | 34.24 2.54 0.00 | 38.15 2.83 0.00 | 39.90 2.99 0.00 | 46.75 3.22 0.00 | 49.00 3.25 0.00 | 51.62 3.78 0.00 | 54.26 4.20 0.00 | 57.44 4.50 0.00 | 59.62 4.77 0.00 | 58.39 4.72 0.00 | 58.27 4.81 0.00 | 60.05 5.36 0.00 | 58.73 5.34 0.00 | 58.23 5.29 0.00 | 54.74 4.98 0.00 | 53.13 4.83 0.00 | 53.14 4.83 0.00 | 51.35 4.58 0.00 | 57.02 4.47 -2.83 | 56.11 4.02 -5.31 |
| NUCOR_STEEL___DRP 24197 | 40.05 -2.15 0.00 | 37.60 -1.94 0.00 | 34.21 -1.76 0.00 | 29.22 -1.56 0.96 | 29.19 -1.55 0.96 | 33.66 -1.66 0.00 | 35.40 -1.51 0.00 | 42.05 -1.48 0.00 | 44.61 -1.14 0.00 | 46.84 -1.00 0.00 | 49.11 -0.95 0.00 | 52.04 -0.90 0.00 | 54.14 -0.71 0.00 | 53.03 -0.64 0.00 | 52.82 -0.64 0.00 | 53.98 -0.71 0.00 | 52.59 -0.80 0.00 | 51.93 -1.01 0.00 | 48.71 -1.05 0.00 | 46.95 -1.35 0.00 | 47.10 -1.21 0.00 | 45.69 -1.08 0.00 | 48.39 -1.59 -0.26 | 45.02 -2.25 -0.49 |
| NYISO_LBMP_REFERENCE 24008 | 42.20 0.00 0.00 | 39.54 0.00 0.00 | 35.97 0.00 0.00 | 31.74 0.00 0.00 | 31.70 0.00 0.00 | 35.32 0.00 0.00 | 36.91 0.00 0.00 | 43.53 0.00 0.00 | 45.75 0.00 0.00 | 47.84 0.00 0.00 | 50.06 0.00 0.00 | 52.94 0.00 0.00 | 54.85 0.00 0.00 | 53.67 0.00 0.00 | 53.46 0.00 0.00 | 54.69 0.00 0.00 | 53.39 0.00 0.00 | 52.94 0.00 0.00 | 49.76 0.00 0.00 | 48.30 0.00 0.00 | 48.31 0.00 0.00 | 46.77 0.00 0.00 | 49.72 0.00 0.00 | 46.78 0.00 0.00 |
| NYPA_BRENTWD____GT 24164 | 53.05 4.14 -6.71 | 51.80 4.19 -8.07 | 50.49 3.89 -10.63 | 49.50 3.40 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.09 3.88 -12.30 | 54.69 4.88 -6.28 | 59.57 5.08 -8.74 | 60.29 5.84 -6.61 | 62.45 5.91 -6.48 | 66.41 6.35 -7.12 | 66.20 6.75 -4.60 | 66.69 6.71 -6.31 | 68.78 6.84 -8.48 | 70.75 6.95 -9.11 | 67.38 6.73 -7.26 | 67.23 6.67 -7.62 | 68.70 6.12 -12.82 | 64.52 5.60 -10.62 | 64.92 5.60 -11.01 | 64.06 5.47 -11.82 | 59.57 5.72 -4.13 | 56.30 5.01 -4.51 |
| NYPA_GOWANUS____GT5 24156 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.05 3.02 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.56 4.79 -18.24 | 68.97 4.99 -18.23 | 71.53 5.79 -17.90 | 79.78 6.26 -23.46 | 79.80 6.67 -20.19 | 79.88 6.97 -18.06 | 79.86 6.82 -19.37 | 79.86 6.95 -19.45 | 82.35 7.11 -20.55 | 79.85 6.94 -19.52 | 79.80 6.83 -20.03 | 70.92 6.32 -14.84 | 68.95 5.75 -14.90 | 68.35 5.75 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.54 5.01 -12.75 |
| NYPA_GOWANUS____GT6 24157 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.05 3.02 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.56 4.79 -18.24 | 68.97 4.99 -18.23 | 71.53 5.79 -17.90 | 79.78 6.26 -23.46 | 79.80 6.67 -20.19 | 79.88 6.97 -18.06 | 79.86 6.82 -19.37 | 79.86 6.95 -19.45 | 82.35 7.11 -20.55 | 79.85 6.94 -19.52 | 79.80 6.83 -20.03 | 70.92 6.32 -14.84 | 68.95 5.75 -14.90 | 68.35 5.75 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.54 5.01 -12.75 |
| NYPA_HARLEM__RVR__GT1 24160 | 67.22 3.84 -21.18 | 65.81 3.88 -22.39 | 64.31 3.56 -24.78 | 61.12 3.11 -26.27 | 61.12 3.11 -26.31 | 64.36 3.43 -25.61 | 67.21 3.76 -26.54 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| NYPA_HARLEM__RVR__GT2 24161 | 67.22 3.84 -21.18 | 65.81 3.88 -22.39 | 64.31 3.56 -24.78 | 61.12 3.11 -26.27 | 61.12 3.11 -26.31 | 64.36 3.43 -25.61 | 67.21 3.76 -26.54 | 67.33 4.92 -18.88 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| NYPA_KENT____GT 24152 | 64.43 3.71 -18.52 | 62.58 3.76 -19.28 | 39.43 3.45 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.65 3.32 -0.01 | 62.58 3.62 -22.05 | 66.51 4.74 -18.24 | 68.88 4.90 -18.23 | 71.39 5.65 -17.90 | 79.68 6.16 -23.46 | 79.69 6.56 -20.19 | 79.71 6.80 -18.06 | 79.70 6.66 -19.37 | 79.70 6.79 -19.45 | 82.19 6.95 -20.55 | 79.69 6.78 -19.52 | 79.69 6.72 -20.03 | 70.82 6.22 -14.84 | 68.90 5.70 -14.90 | 68.30 5.70 -14.29 | 68.69 5.61 -16.31 | 67.22 5.72 -11.78 | 64.54 5.01 -12.75 |
| NYPA_POUCH1____GT 24155 | 64.34 3.71 -18.43 | 62.37 3.72 -19.11 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.40 3.62 -21.87 | 66.50 4.83 -18.14 | 68.91 5.03 -18.13 | 71.43 5.79 -17.80 | 79.62 6.31 -23.25 | 79.74 6.72 -20.08 | 79.83 7.02 -17.96 | 79.81 6.87 -19.27 | 79.81 7.00 -19.35 | 82.29 7.16 -20.44 | 79.80 6.99 -19.42 | 79.75 6.88 -19.93 | 70.89 6.37 -14.76 | 68.92 5.80 -14.82 | 68.29 5.80 -14.18 | 68.60 5.66 -16.17 | 67.16 5.77 -11.67 | 64.58 5.05 -12.75 |

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| NYPA_VERNON____GT2 24162 | 64.43 3.71 -18.52 | 62.58 3.76 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.65 3.32 -0.01 | 62.58 3.62 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.67 6.07 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| NYPA_VERNON____GT3 24163 | 64.43 3.71 -18.52 | 62.58 3.76 -19.28 | 39.47 3.49 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.65 3.32 -0.01 | 62.58 3.62 -22.05 | 66.47 4.70 -18.24 | 68.78 4.80 -18.23 | 71.24 5.50 -17.90 | 79.48 5.96 -23.46 | 79.54 6.41 -20.19 | 79.55 6.64 -18.06 | 79.59 6.55 -19.37 | 79.54 6.63 -19.45 | 82.02 6.78 -20.55 | 79.58 6.67 -19.52 | 79.53 6.56 -20.03 | 70.67 6.07 -14.84 | 68.75 5.55 -14.90 | 68.20 5.60 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| NYPA____HOLTSVILL 23794 | 52.66 3.88 -6.58 | 51.52 3.99 -7.99 | 50.27 3.67 -10.63 | 49.34 3.24 -14.36 | 49.30 3.20 -14.40 | 49.87 3.50 -11.05 | 52.76 3.62 -12.23 | 54.26 4.53 -6.20 | 59.13 4.71 -8.67 | 59.77 5.41 -6.52 | 62.12 5.76 -6.30 | 66.09 6.09 -7.06 | 65.88 6.47 -4.56 | 66.41 6.49 -6.25 | 68.46 6.58 -8.42 | 70.41 6.67 -9.05 | 67.05 6.46 -7.20 | 66.91 6.41 -7.56 | 68.42 5.87 -12.79 | 64.27 5.41 -10.56 | 64.74 5.46 -10.97 | 63.88 5.33 -11.78 | 59.12 5.32 -4.08 | 55.92 4.68 -4.46 |
| NYPA____HELLGATE_GT1 24158 | 67.18 3.84 -21.14 | 65.76 3.88 -22.34 | 63.91 3.56 -24.38 | 60.70 3.11 -25.85 | 60.70 3.11 -25.89 | 63.96 3.43 -25.21 | 67.14 3.76 -26.47 | 67.32 4.92 -18.87 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| NYPA____HELLGATE_GT2 24159 | 67.18 3.84 -21.14 | 65.76 3.88 -22.34 | 63.91 3.56 -24.38 | 60.70 3.11 -25.85 | 60.70 3.11 -25.89 | 63.96 3.43 -25.21 | 67.14 3.76 -26.47 | 67.32 4.92 -18.87 | 68.69 4.71 -18.23 | 71.10 5.36 -17.90 | 72.02 5.81 -16.15 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.37 6.33 -19.37 | 79.38 6.47 -19.45 | 81.80 6.56 -20.55 | 79.37 6.46 -19.52 | 79.32 6.35 -20.03 | 69.90 5.87 -14.27 | 68.66 5.46 -14.90 | 68.25 5.65 -14.29 | 68.55 5.47 -16.31 | 67.27 5.77 -11.78 | 68.50 5.05 -16.67 |
| O.H_GEN_BRUCE 24063 | 27.76 -5.87 8.57 | 26.00 -5.14 8.40 | 27.79 -4.68 3.50 | 24.24 -4.00 3.50 | 24.24 -3.96 3.50 | 27.33 -4.49 3.50 | 31.31 -5.06 0.54 | 35.00 -5.40 3.13 | 43.39 -5.67 -3.31 | 42.15 -5.69 0.00 | 44.00 -6.06 0.00 | 46.53 -6.41 0.00 | 48.76 -6.09 0.00 | 47.44 -6.23 0.00 | 47.26 -6.20 0.00 | 48.35 -6.34 0.00 | 47.04 -6.35 0.00 | 46.22 -6.72 0.00 | 43.79 -5.97 0.00 | 42.36 -5.94 0.00 | 44.00 -5.75 -1.44 | 45.00 -4.77 -3.00 | 40.53 -5.72 3.47 | 36.36 -6.92 3.50 |
| OAK ORCHARD____HYD 24046 | 39.16 -3.04 0.00 | 37.48 -2.06 0.00 | 34.06 -1.91 0.00 | 28.57 -1.62 1.55 | 28.56 -1.59 1.55 | 33.59 -1.73 0.00 | 35.10 -1.81 0.00 | 41.40 -2.13 0.00 | 43.83 -1.92 0.00 | 45.97 -1.87 0.00 | 48.21 -1.85 0.00 | 51.09 -1.85 0.00 | 53.20 -1.65 0.00 | 52.06 -1.61 0.00 | 51.86 -1.60 0.00 | 53.05 -1.64 0.00 | 51.68 -1.71 0.00 | 50.88 -2.06 0.00 | 47.82 -1.94 0.00 | 46.22 -2.08 0.00 | 46.38 -1.93 0.00 | 45.37 -1.40 0.00 | 48.02 -1.99 -0.29 | 44.00 -3.09 -0.31 |
| OCC_CHEM____DRP 24175 | 36.63 -5.57 0.00 | 34.68 -4.86 0.00 | 31.55 -4.42 0.00 | 25.71 -3.75 2.28 | 25.71 -3.71 2.28 | 31.12 -4.20 0.00 | 32.11 -4.80 0.00 | 38.52 -5.01 0.00 | 40.35 -5.40 0.00 | 42.43 -5.41 0.00 | 44.30 -5.76 0.00 | 46.85 -6.09 0.00 | 49.09 -5.76 0.00 | 47.82 -5.85 0.00 | 47.69 -5.77 0.00 | 48.67 -6.02 0.00 | 47.41 -5.98 0.00 | 46.64 -6.30 0.00 | 44.24 -5.52 0.00 | 42.75 -5.55 0.00 | 42.95 -5.36 0.00 | 42.37 -4.40 0.00 | 44.37 -5.32 0.03 | 37.06 -6.64 3.08 |
| OLIN_CORP_DRP 24177 | 36.42 -5.78 0.00 | 34.48 -5.06 0.00 | 31.40 -4.57 0.00 | 25.49 -3.90 2.35 | 25.48 -3.87 2.35 | 30.94 -4.38 0.00 | 31.96 -4.95 0.00 | 38.39 -5.14 0.00 | 40.35 -5.40 0.00 | 42.48 -5.36 0.00 | 44.35 -5.71 0.00 | 46.90 -6.04 0.00 | 49.20 -5.65 0.00 | 47.87 -5.80 0.00 | 47.74 -5.72 0.00 | 48.78 -5.91 0.00 | 47.46 -5.93 0.00 | 46.69 -6.25 0.00 | 44.29 -5.47 0.00 | 42.75 -5.55 0.00 | 42.95 -5.36 0.00 | 42.37 -4.40 0.00 | 44.28 -5.42 0.02 | 37.30 -6.74 2.74 |
| ONONDAGA_REF_OCCRA 23987 | 41.44 -0.76 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.66 -0.67 0.41 | 30.62 -0.67 0.41 | 34.61 -0.71 0.00 | 36.32 -0.59 0.00 | 43.01 -0.52 0.00 | 45.48 -0.27 0.00 | 47.51 -0.33 0.00 | 49.76 -0.30 0.00 | 52.73 -0.21 0.00 | 54.69 -0.16 0.00 | 53.56 -0.11 0.00 | 53.35 -0.11 0.00 | 54.53 -0.16 0.00 | 53.23 -0.16 0.00 | 52.62 -0.32 0.00 | 49.36 -0.40 0.00 | 47.72 -0.58 0.00 | 47.83 -0.48 0.00 | 46.40 -0.37 0.00 | 49.42 -0.50 -0.20 | 46.26 -0.89 -0.37 |
| ONONDAGA____COGEN 23986 | 41.40 -0.80 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.64 -0.63 0.47 | 30.60 -0.63 0.47 | 34.65 -0.67 0.00 | 36.32 -0.59 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.66 -0.40 0.00 | 52.57 -0.37 0.00 | 54.52 -0.33 0.00 | 53.46 -0.21 0.00 | 53.25 -0.21 0.00 | 54.42 -0.27 0.00 | 53.07 -0.32 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.68 -0.63 0.00 | 46.30 -0.47 0.00 | 49.32 -0.60 -0.20 | 46.22 -0.94 -0.38 |
| OSWEGATCHIE____HYD 24044 | 42.37 0.17 0.00 | 39.58 0.04 0.00 | 35.90 -0.07 0.00 | 31.64 -0.10 0.00 | 31.60 -0.10 0.00 | 35.36 0.04 0.00 | 37.13 0.22 0.00 | 43.44 -0.09 0.00 | 45.75 0.00 0.00 | 47.79 -0.05 0.00 | 50.01 -0.05 0.00 | 52.83 -0.11 0.00 | 54.74 -0.11 0.00 | 53.78 0.11 0.00 | 53.99 0.53 0.00 | 55.24 0.55 0.00 | 53.87 0.48 0.00 | 53.42 0.48 0.00 | 50.21 0.45 0.00 | 48.73 0.43 0.00 | 48.74 0.43 0.00 | 46.96 0.19 0.00 | 49.77 0.05 0.00 | 47.01 0.23 0.00 |
| OSWEGO____5 23606 | 41.10 -1.10 0.00 | 38.39 -1.15 0.00 | 34.93 -1.04 0.00 | 30.82 -0.92 0.00 | 30.78 -0.92 0.00 | 34.33 -0.99 0.00 | 35.91 -1.00 0.00 | 42.49 -1.04 0.00 | 44.74 -1.01 0.00 | 46.69 -1.15 0.00 | 48.81 -1.25 0.00 | 51.67 -1.27 0.00 | 53.59 -1.26 0.00 | 52.49 -1.18 0.00 | 52.28 -1.18 0.00 | 53.49 -1.20 0.00 | 52.16 -1.23 0.00 | 51.62 -1.32 0.00 | 48.52 -1.24 0.00 | 47.00 -1.30 0.00 | 47.05 -1.26 0.00 | 45.65 -1.12 0.00 | 48.73 -1.14 -0.15 | 45.67 -1.40 -0.29 |
| OSWEGO____6 23613 | 41.10 -1.10 0.00 | 38.39 -1.15 0.00 | 34.93 -1.04 0.00 | 30.82 -0.92 0.00 | 30.78 -0.92 0.00 | 34.33 -0.99 0.00 | 35.91 -1.00 0.00 | 42.49 -1.04 0.00 | 44.74 -1.01 0.00 | 46.69 -1.15 0.00 | 48.81 -1.25 0.00 | 51.67 -1.27 0.00 | 53.59 -1.26 0.00 | 52.49 -1.18 0.00 | 52.28 -1.18 0.00 | 53.49 -1.20 0.00 | 52.16 -1.23 0.00 | 51.62 -1.32 0.00 | 48.52 -1.24 0.00 | 47.00 -1.30 0.00 | 47.05 -1.26 0.00 | 45.65 -1.12 0.00 | 48.73 -1.14 -0.15 | 45.67 -1.40 -0.29 |
| OUTOKUMPU-AB____DRP 24206 | 36.50 -5.70 0.00 | 34.83 -4.71 0.00 | 31.73 -4.24 0.00 | 25.68 -3.65 2.41 | 25.68 -3.61 2.41 | 31.26 -4.06 0.00 | 32.37 -4.54 0.00 | 38.83 -4.70 0.00 | 40.72 -5.03 0.00 | 42.91 -4.93 0.00 | 44.85 -5.21 0.00 | 47.49 -5.45 0.00 | 49.80 -5.05 0.00 | 48.62 -5.05 0.00 | 48.49 -4.97 0.00 | 49.49 -5.20 0.00 | 48.16 -5.23 0.00 | 47.43 -5.51 0.00 | 44.98 -4.78 0.00 | 43.33 -4.97 0.00 | 43.58 -4.73 0.00 | 42.89 -3.88 0.00 | 44.68 -5.02 0.02 | 37.58 -6.50 2.70 |
| OXBOW____ 24026 | 36.46 -5.74 0.00 | 34.68 -4.86 0.00 | 31.58 -4.39 0.00 | 25.61 -3.78 2.35 | 25.61 -3.74 2.35 | 31.12 -4.20 0.00 | 32.15 -4.76 0.00 | 38.61 -4.92 0.00 | 40.40 -5.35 0.00 | 42.53 -5.31 0.00 | 44.45 -5.61 0.00 | 47.06 -5.88 0.00 | 49.31 -5.54 0.00 | 48.09 -5.58 0.00 | 47.95 -5.51 0.00 | 48.95 -5.74 0.00 | 47.68 -5.71 0.00 | 46.90 -6.04 0.00 | 44.48 -5.28 0.00 | 42.94 -5.36 0.00 | 43.14 -5.17 0.00 | 42.51 -4.26 0.00 | 44.43 -5.27 0.02 | 37.25 -6.64 2.89 |

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| PEEKSKILL____ 23653 | 45.48 2.78 -0.50 | 42.82 2.89 -0.39 | 38.67 2.70 0.00 | 34.37 2.35 -0.28 | 34.29 2.31 -0.28 | 37.86 2.54 0.00 | 40.23 2.84 -0.48 | 47.72 3.70 -0.49 | 50.04 3.80 -0.49 | 52.72 4.40 -0.48 | 55.45 4.86 -0.53 | 58.72 5.24 -0.54 | 60.76 5.43 -0.48 | 59.61 5.42 -0.52 | 59.49 5.51 -0.52 | 60.87 5.63 -0.55 | 59.46 5.55 -0.52 | 58.88 5.40 -0.54 | 55.04 4.88 -0.40 | 53.19 4.49 -0.40 | 53.08 4.44 -0.33 | 51.56 4.44 -0.35 | 56.58 4.57 -2.29 | 54.82 3.98 -4.06 |
| PGE MADISON__WINDPWR 24146 | 41.52 -0.68 0.00 | 38.91 -0.63 0.00 | 35.39 -0.58 0.00 | 31.46 -0.54 -0.26 | 31.42 -0.54 -0.26 | 34.83 -0.49 0.00 | 36.76 -0.15 0.00 | 44.27 0.74 0.00 | 47.31 1.56 0.00 | 49.94 2.10 0.00 | 52.46 2.40 0.00 | 55.64 2.70 0.00 | 57.98 3.13 0.00 | 56.78 3.11 0.00 | 56.61 3.15 0.00 | 57.81 3.12 0.00 | 56.06 2.67 0.00 | 55.32 2.38 0.00 | 51.85 2.09 0.00 | 49.85 1.55 0.00 | 50.05 1.74 0.00 | 48.31 1.54 0.00 | 51.03 0.70 -0.61 | 47.22 -0.33 -0.77 |
| PJM_GEN_KEystone 24065 | 27.72 -5.91 8.57 | 23.31 -5.34 10.89 | 23.32 -4.75 7.90 | 23.00 -4.32 4.42 | 23.00 -4.28 4.42 | 25.00 -4.84 5.48 | 31.89 -4.76 0.26 | 37.22 -3.18 3.13 | 46.91 -2.15 -3.31 | 46.55 -1.29 0.00 | 48.71 -1.35 0.00 | 51.56 -1.38 0.00 | 54.47 -0.38 0.00 | 53.19 -0.48 0.00 | 53.19 -0.27 0.00 | 54.31 -0.38 0.00 | 52.91 -0.48 0.00 | 52.20 -0.74 0.00 | 48.86 -0.90 0.00 | 46.32 -1.98 0.00 | 48.54 -1.21 -1.44 | 47.90 -1.87 -3.00 | 42.61 -4.03 3.08 | 35.00 -6.22 5.56 |
| PLEASANTVLY__LBMP 24000 | 44.90 2.70 0.00 | 42.31 2.77 0.00 | 38.56 2.59 0.00 | 34.31 2.29 -0.28 | 34.23 2.25 -0.28 | 37.79 2.47 0.00 | 39.60 2.69 0.00 | 46.97 3.44 0.00 | 49.23 3.48 0.00 | 51.91 4.07 0.00 | 54.57 4.51 0.00 | 57.81 4.87 0.00 | 59.90 5.05 0.00 | 58.66 4.99 0.00 | 58.54 5.08 0.00 | 59.83 5.14 0.00 | 58.46 5.07 0.00 | 57.92 4.98 0.00 | 54.29 4.53 0.00 | 52.45 4.15 0.00 | 52.42 4.11 0.00 | 50.89 4.12 0.00 | 56.21 4.28 -2.21 | 54.64 3.79 -4.07 |
| POLETTI____ 23519 | 60.71 3.42 -15.09 | 55.00 3.56 -11.90 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.46 3.14 0.00 | 55.00 3.40 -14.69 | 62.65 4.31 -14.81 | 65.04 4.44 -14.85 | 67.49 5.07 -14.58 | 71.72 5.56 -16.10 | 75.37 5.98 -16.45 | 75.81 6.25 -14.71 | 75.62 6.17 -15.78 | 75.62 6.31 -15.85 | 77.83 6.40 -16.74 | 75.60 6.30 -15.91 | 75.40 6.14 -16.32 | 67.42 5.57 -12.09 | 65.66 5.22 -12.14 | 63.52 5.17 -10.04 | 62.62 5.10 -10.75 | 62.15 5.27 -7.16 | 59.99 4.63 -8.58 |
| PORT_JEFF_3 23555 | 52.72 3.92 -6.60 | 51.58 4.03 -8.01 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.83 3.46 -11.05 | 52.63 3.47 -12.25 | 53.74 4.00 -6.21 | 58.59 4.16 -8.68 | 59.26 4.88 -6.54 | 61.61 5.21 -6.34 | 65.41 5.40 -7.07 | 65.11 5.70 -4.56 | 65.67 5.74 -6.26 | 67.72 5.83 -8.43 | 69.60 5.85 -9.06 | 66.31 5.71 -7.21 | 66.23 5.72 -7.57 | 67.74 5.18 -12.80 | 63.65 4.78 -10.57 | 64.22 4.93 -10.98 | 63.38 4.82 -11.79 | 58.58 4.77 -4.09 | 55.51 4.26 -4.47 |
| PORT_JEFF_4 23616 | 52.72 3.92 -6.60 | 51.58 4.03 -8.01 | 50.31 3.71 -10.63 | 49.34 3.24 -14.36 | 49.33 3.23 -14.40 | 49.83 3.46 -11.05 | 52.59 3.43 -12.25 | 53.79 4.05 -6.21 | 58.64 4.21 -8.68 | 59.26 4.88 -6.54 | 61.61 5.21 -6.34 | 65.41 5.40 -7.07 | 65.11 5.70 -4.56 | 65.73 5.80 -6.26 | 67.72 5.83 -8.43 | 69.66 5.91 -9.06 | 66.31 5.71 -7.21 | 66.23 5.72 -7.57 | 67.79 5.23 -12.80 | 63.65 4.78 -10.57 | 64.22 4.93 -10.98 | 63.38 4.82 -11.79 | 58.58 4.77 -4.09 | 55.51 4.26 -4.47 |
| PORT_JEFF_IC 23713 | 52.89 4.09 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.46 3.36 -14.40 | 49.97 3.60 -11.05 | 52.85 3.69 -12.25 | 54.22 4.48 -6.21 | 59.10 4.67 -8.68 | 59.79 5.41 -6.54 | 62.21 5.81 -6.34 | 65.83 5.82 -7.07 | 65.55 6.14 -4.56 | 66.10 6.17 -6.26 | 68.14 6.25 -8.43 | 70.09 6.34 -9.06 | 66.79 6.19 -7.21 | 66.65 6.14 -7.57 | 68.18 5.62 -12.80 | 63.99 5.12 -10.57 | 64.80 5.51 -10.98 | 63.89 5.33 -11.79 | 59.08 5.27 -4.09 | 55.93 4.68 -4.47 |
| PPL PILGRIM_ST_GT1 24216 | 53.05 4.14 -6.71 | 51.80 4.19 -8.07 | 50.49 3.89 -10.63 | 49.50 3.40 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.09 3.88 -12.30 | 54.69 4.88 -6.28 | 59.57 5.08 -8.74 | 60.29 5.84 -6.61 | 62.05 5.51 -6.48 | 65.99 5.93 -7.12 | 65.70 6.25 -4.60 | 66.26 6.28 -6.31 | 68.35 6.41 -8.48 | 70.25 6.45 -9.11 | 66.95 6.30 -7.26 | 66.81 6.25 -7.62 | 68.30 5.72 -12.82 | 64.14 5.22 -10.62 | 64.54 5.22 -11.01 | 63.69 5.10 -11.82 | 59.57 5.72 -4.13 | 56.30 5.01 -4.51 |
| PPL PILGRIM_ST_GT2 24217 | 53.05 4.14 -6.71 | 51.80 4.19 -8.07 | 50.49 3.89 -10.63 | 49.50 3.40 -14.36 | 49.49 3.39 -14.40 | 50.08 3.71 -11.05 | 53.09 3.88 -12.30 | 54.69 4.88 -6.28 | 59.57 5.08 -8.74 | 60.29 5.84 -6.61 | 62.05 5.51 -6.48 | 65.99 5.93 -7.12 | 65.70 6.25 -4.60 | 66.26 6.28 -6.31 | 68.35 6.41 -8.48 | 70.25 6.45 -9.11 | 66.95 6.30 -7.26 | 66.81 6.25 -7.62 | 68.30 5.72 -12.82 | 64.14 5.22 -10.62 | 64.54 5.22 -11.01 | 63.69 5.10 -11.82 | 59.57 5.72 -4.13 | 56.30 5.01 -4.51 |
| PPL_SHRM_GT3 24213 | 53.02 4.22 -6.60 | 51.82 4.27 -8.01 | 50.52 3.92 -10.63 | 49.53 3.43 -14.36 | 49.52 3.42 -14.40 | 50.08 3.71 -11.05 | 53.04 3.88 -12.25 | 54.62 4.88 -6.21 | 59.55 5.12 -8.68 | 60.31 5.93 -6.54 | 62.76 6.36 -6.34 | 66.73 6.72 -7.07 | 66.60 7.19 -4.56 | 67.12 7.19 -6.26 | 69.21 7.32 -8.43 | 71.13 7.38 -9.06 | 67.75 7.15 -7.21 | 67.60 7.09 -7.57 | 69.08 6.52 -12.80 | 64.86 5.99 -10.57 | 65.38 6.09 -10.98 | 64.45 5.89 -11.79 | 59.63 5.82 -4.09 | 56.30 5.05 -4.47 |
| PPL_SHRM_GT4 24214 | 53.02 4.22 -6.60 | 51.82 4.27 -8.01 | 50.52 3.92 -10.63 | 49.53 3.43 -14.36 | 49.52 3.42 -14.40 | 50.08 3.71 -11.05 | 53.04 3.88 -12.25 | 54.62 4.88 -6.21 | 59.55 5.12 -8.68 | 60.31 5.93 -6.54 | 62.76 6.36 -6.34 | 66.73 6.72 -7.07 | 66.60 7.19 -4.56 | 67.12 7.19 -6.26 | 69.21 7.32 -8.43 | 71.13 7.38 -9.06 | 67.75 7.15 -7.21 | 67.60 7.09 -7.57 | 69.08 6.52 -12.80 | 64.86 5.99 -10.57 | 65.38 6.09 -10.98 | 64.45 5.89 -11.79 | 59.63 5.82 -4.09 | 56.30 5.05 -4.47 |
| PROJECT__ORANGE 23990 | 41.40 -0.80 0.00 | 38.67 -0.87 0.00 | 35.18 -0.79 0.00 | 30.78 -0.70 0.26 | 30.74 -0.70 0.26 | 34.58 -0.74 0.00 | 36.25 -0.66 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.52 -0.33 0.00 | 53.35 -0.32 0.00 | 53.19 -0.27 0.00 | 54.36 -0.33 0.00 | 53.02 -0.37 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.73 -0.58 0.00 | 46.30 -0.47 0.00 | 49.29 -0.60 -0.17 | 46.12 -0.98 -0.32 |
| PROJECT__ORANGE 1 24174 | 41.40 -0.80 0.00 | 38.67 -0.87 0.00 | 35.18 -0.79 0.00 | 30.78 -0.70 0.26 | 30.74 -0.70 0.26 | 34.58 -0.74 0.00 | 36.25 -0.66 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.52 -0.33 0.00 | 53.35 -0.32 0.00 | 53.19 -0.27 0.00 | 54.36 -0.33 0.00 | 53.02 -0.37 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.73 -0.58 0.00 | 46.30 -0.47 0.00 | 49.29 -0.60 -0.17 | 46.12 -0.98 -0.32 |
| PROJECT__ORANGE 2 24166 | 41.40 -0.80 0.00 | 38.67 -0.87 0.00 | 35.18 -0.79 0.00 | 30.78 -0.70 0.26 | 30.74 -0.70 0.26 | 34.58 -0.74 0.00 | 36.25 -0.66 0.00 | 42.96 -0.57 0.00 | 45.34 -0.41 0.00 | 47.36 -0.48 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.52 -0.33 0.00 | 53.35 -0.32 0.00 | 53.19 -0.27 0.00 | 54.36 -0.33 0.00 | 53.02 -0.37 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.73 -0.58 0.00 | 46.30 -0.47 0.00 | 49.29 -0.60 -0.17 | 46.12 -0.98 -0.32 |
| PYRITES__HYD 24023 | 42.41 0.21 0.00 | 39.62 0.08 0.00 | 35.93 -0.04 0.00 | 31.64 -0.10 0.00 | 31.64 -0.06 0.00 | 35.36 0.04 0.00 | 37.09 0.18 0.00 | 43.31 -0.22 0.00 | 45.57 -0.18 0.00 | 47.51 -0.33 0.00 | 49.61 -0.45 0.00 | 52.36 -0.58 0.00 | 54.19 -0.66 0.00 | 53.08 -0.59 0.00 | 53.41 -0.05 0.00 | 54.64 -0.05 0.00 | 53.39 0.00 0.00 | 52.99 0.05 0.00 | 49.91 0.15 0.00 | 48.59 0.29 0.00 | 48.55 0.24 0.00 | 46.63 -0.14 0.00 | 49.47 -0.25 0.00 | 46.97 0.19 0.00 |

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| KANKINE____ 23646 | 36.59 -5.61 0.00 | 34.68 -4.86 0.00 | 31.62 -4.35 0.00 | 25.22 -3.78 2.74 | 25.22 -3.74 2.74 | 31.08 -4.24 0.00 | 32.30 -4.61 0.00 | 39.31 -4.22 0.00 | 41.45 -4.30 0.00 | 43.82 -4.02 0.00 | 45.81 -4.25 0.00 | 48.49 -4.45 0.00 | 50.90 -3.95 0.00 | 49.70 -3.97 0.00 | 49.61 -3.85 0.00 | 50.59 -4.10 0.00 | 49.28 -4.11 0.00 | 48.55 -4.39 0.00 | 45.93 -3.83 0.00 | 44.15 -4.15 0.00 | 44.49 -3.82 0.00 | 43.45 -3.32 0.00 | 45.13 -4.62 -0.03 | 37.95 -6.27 2.56 |
| RAVENS GT4-7____ 23728 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWD GT2____ 23730 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWD GT3____ 23733 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT2_1 24244 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT2_2 24245 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT2_3 24246 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 - | |

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|---|-------------------------|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| RAVENSWOOD_GT_5 24254 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT_6 24253 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT_7 24255 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD_GT_9 24257 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVENSWOOD___1 23533 | 64.26 3.54 -18.52 | 62.50 3.68 -19.28 | 39.43 3.45 -0.01 | 35.05 3.02 -0.29 | 34.97 2.98 -0.29 | 38.61 3.28 -0.01 | 62.50 3.54 -22.05 | 66.25 4.48 -18.24 | 68.56 4.58 -18.23 | 71.00 5.26 -17.90 | 79.23 5.71 -23.46 | 79.22 6.09 -20.19 | 79.22 6.31 -18.06 | 79.27 6.23 -19.37 | 79.22 6.31 -19.45 | 81.69 6.45 -20.55 | 79.26 6.35 -19.52 | 79.22 6.25 -20.03 | 70.37 5.77 -14.84 | 68.51 5.31 -14.90 | 67.96 5.36 -14.29 | 68.37 5.29 -16.31 | 66.92 5.42 -11.78 | 64.40 4.87 -12.75 |
| RAVENSWOOD___2 23534 | 64.31 3.59 -18.52 | 62.50 3.68 -19.28 | 39.36 3.38 -0.01 | 35.01 2.98 -0.29 | 34.94 2.95 -0.29 | 38.58 3.25 -0.01 | 62.50 3.54 -22.05 | 66.34 4.57 -18.24 | 68.69 4.71 -18.23 | 71.15 5.41 -17.90 | 79.28 5.76 -23.46 | 79.27 6.14 -20.19 | 79.27 6.36 -18.06 | 79.27 6.23 -19.37 | 79.27 6.36 -19.45 | 81.69 6.45 -20.55 | 79.26 6.35 -19.52 | 79.27 6.30 -20.03 | 70.47 5.87 -14.84 | 68.66 5.46 -14.90 | 68.06 5.46 -14.29 | 68.60 5.52 -16.31 | 67.17 5.67 -11.78 | 64.54 5.01 -12.75 |
| RAVENSWOOD___3 23535 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RAVNSWD 8-11____ 23667 | 64.22 3.50 -18.52 | 57.74 3.60 -14.60 | 39.28 3.31 0.00 | 34.91 2.89 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 58.41 3.47 -18.03 | 66.19 4.48 -18.18 | 68.60 4.62 -18.23 | 71.00 5.26 -17.90 | 75.58 5.76 -19.76 | 79.32 6.19 -20.19 | 79.38 6.47 -18.06 | 79.43 6.39 -19.37 | 79.38 6.47 -19.45 | 81.86 6.62 -20.55 | 79.42 6.51 -19.52 | 79.32 6.35 -20.03 | 70.37 5.77 -14.84 | 68.56 5.36 -14.90 | 65.94 5.31 -12.32 | 65.26 5.29 -13.20 | 63.45 5.42 -8.31 | 61.19 4.77 -9.64 |
| RCPI_TRUST___DRP 24196 | 57.11 3.54 -11.37 | 52.11 3.60 -8.97 | 39.32 3.35 0.00 | 34.94 2.92 -0.28 | 34.86 2.88 -0.28 | 38.50 3.18 0.00 | 51.45 3.47 -11.07 | 59.22 4.53 -11.16 | 61.61 4.67 -11.19 | 64.19 5.36 -10.99 | 68.05 5.86 -12.13 | 71.63 6.30 -12.39 | 72.51 6.58 -11.08 | 72.05 6.49 -11.89 | 71.98 6.58 -11.94 | 74.03 6.73 -12.61 | 71.99 6.62 -11.98 | 71.69 6.46 -12.29 | 64.74 5.87 -9.11 | 62.90 5.46 -9.14 | 61.28 5.41 -7.56 | 60.20 5.33 -8.10 | 61.11 5.47 -5.92 | 59.04 4.82 -7.44 |
| RENSSELAER___COGEN 23796 | 44.06 1.86 0.00 | 41.48 1.94 0.00 | 37.77 1.80 0.00 | 33.36 1.62 0.00 | 33.32 1.62 0.00 | 37.09 1.77 0.00 | 38.72 1.81 0.00 | 45.79 2.26 0.00 | 48.13 2.38 0.00 | 50.61 2.77 0.00 | 53.16 3.10 0.00 | 56.33 3.39 0.00 | 58.31 3.46 0.00 | 57.05 3.38 0.00 | 56.93 3.47 0.00 | 58.19 3.50 0.00 | 56.86 3.47 0.00 | 56.38 3.44 0.00 | 52.90 3.14 0.00 | 51.20 2.90 0.00 | 51.21 2.90 0.00 | 49.62 2.85 0.00 | 55.26 2.83 -2.71 | 54.40 2.53 -5.09 |
| REVERE_CPPR_DRP 24186 | 43.00 0.80 0.00 | 40.21 0.67 0.00 | 36.51 0.54 0.00 | 32.18 0.44 0.00 | 32.18 0.48 0.00 | 35.92 0.60 0.00 | 37.80 0.89 0.00 | 44.88 1.35 0.00 | 47.40 1.65 0.00 | 49.71 1.87 0.00 | 52.11 2.05 0.00 | 55.16 2.22 0.00 | 57.21 2.36 0.00 | 56.03 2.36 0.00 | 55.87 2.41 0.00 | 57.10 2.41 0.00 | 55.58 2.19 0.00 | 55.00 2.06 0.00 | 51.60 1.84 0.00 | 49.89 1.59 0.00 | 49.95 1.64 0.00 | 48.31 1.54 0.00 | 51.15 1.39 -0.04 | 47.89 1.03 -0.08 |
| ROCHESTER_9_IC 23652 | 39.33 -2.87 0.00 | 37.96 -1.58 0.00 | 34.50 -1.47 0.00 | 29.00 -1.24 1.50 | 29.00 -1.20 1.50 | 34.05 -1.27 0.00 | 35.62 -1.29 0.00 | 41.88 -1.65 0.00 | 44.38 -1.37 0.00 | 46.64 -1.20 0.00 | 48.96 -1.10 0.00 | 51.88 -1.06 0.00 | 54.03 -0.82 0.00 | 52.92 -0.75 0.00 | 52.77 -0.69 0.00 | 53.92 -0.77 0.00 | 52.54 -0.85 0.00 | 51.67 -1.27 0.00 | 48.57 -1.19 0.00 | 46.85 -1.45 0.00 | 47.05 -1.26 0.00 | 46.02 -0.75 0.00 | 48.57 -1.44 -0.29 | 44.59 -2.67 -0.48 |
| ROSETON___1 23587 | 44.69 2.49 0.00 | 42.15 2.61 0.00 | 38.38 2.41 0.00 | 34.15 2.13 -0.28 | 34.07 2.09 -0.28 | 37.62 2.30 0.00 | 39.42 2.51 0.00 | 46.75 3.22 0.00 | 48.77 3.02 0.00 | 51.38 3.54 0.00 | 54.01 3.95 0.00 | 57.23 4.29 0.00 | 59.29 4.44 0.00 | 58.07 4.40 0.00 | 57.95 4.49 0.00 | 59.28 4.59 0.00 | 57.88 4.49 0.00 | 57.33 4.39 0.00 | 53.74 3.98 0.00 | 51.97 3.67 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.88 4.03 -2.13 | 54.34 3.65 -3.91 |
| ROSETON___2 23588 | 44.69 2.49 0.00 | 42.15 2.61 0.00 | 38.38 2.41 0.00 | 34.15 2.13 -0.28 | 34.07 2.09 -0.28 | 37.62 2.30 0.00 | 39.42 2.51 0.00 | 46.71 3.18 0.00 | 48.77 3.02 0.00 | 51.38 3.54 0.00 | 54.01 3.95 0.00 | 57.23 4.29 0.00 | 59.29 4.44 0.00 | 58.07 4.40 0.00 | 57.95 4.49 0.00 | 59.28 4.59 0.00 | 57.88 4.49 0.00 | 57.33 4.39 0.00 | 53.74 3.98 0.00 | 51.97 3.67 0.00 | 51.93 3.62 0.00 | 50.47 3.70 0.00 | 55.88 4.03 -2.13 | 54.34 3.65 -3.91 |
| RUSSELL___STATION 23914 | 38.78 -3.42 0.00 | 38.00 -1.54 0.00 | 34.53 -1.44 0.00 | 29.03 -1.21 1.50 | 29.00 -1.20 1.50 | 34.08 -1.24 0.00 | 35.66 -1.25 0.00 | 41.44 -2.09 0.00 | 43.97 -1.78 0.00 | 46.17 -1.67 0.00 | 48.46 -1.60 0.00 | 51.40 -1.54 0.00 | 53.53 -1.32 0.00 | 52.44 -1.23 0.00 | 52.28 -1.18 0.00 | 53.43 -1.26 0.00 | 52.06 -1.33 0.00 | 51.19 -1.75 0.00 | 48.07 -1.69 0.00 | 46.42 -1.88 0.00 | 46.57 -1.74 0.00 | 45.55 -1.22 0.00 | 48.12 -1.89 -0.29 | 44.17 -3.09 -0.48 |

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| S SALMON___HYD 24043 | 41.86 -0.34 0.00 | 39.07 -0.47 0.00 | 35.50 -0.47 0.00 | 31.30 -0.44 0.00 | 31.29 -0.41 0.00 | 34.93 -0.39 0.00 | 36.69 -0.22 0.00 | 43.36 -0.17 0.00 | 45.75 0.00 0.00 | 47.79 -0.05 0.00 | 50.01 -0.05 0.00 | 52.99 0.05 0.00 | 54.96 0.11 0.00 | 53.94 0.27 0.00 | 53.78 0.32 0.00 | 55.07 0.38 0.00 | 53.71 0.32 0.00 | 53.10 0.16 0.00 | 49.86 0.10 0.00 | 48.25 -0.05 0.00 | 48.31 0.00 0.00 | 46.82 0.05 0.00 | 49.81 -0.05 0.00 | 46.67 -0.37 -0.26 |
| SELKIRK___II 23799 | 43.30 1.10 0.00 | 40.77 1.23 0.00 | 37.19 1.22 0.00 | 32.82 1.08 0.00 | 32.78 1.08 0.00 | 36.45 1.13 0.00 | 38.02 1.11 0.00 | 44.92 1.39 0.00 | 47.21 1.46 0.00 | 49.61 1.77 0.00 | 52.06 2.00 0.00 | 55.16 2.22 0.00 | 57.10 2.25 0.00 | 55.82 2.15 0.00 | 55.71 2.25 0.00 | 56.93 2.24 0.00 | 55.63 2.24 0.00 | 55.16 2.22 0.00 | 51.75 1.99 0.00 | 50.18 1.88 0.00 | 50.15 1.84 0.00 | 48.59 1.82 0.00 | 54.31 1.89 -2.70 | 53.53 1.68 -5.07 |
| SELKIRK___I 23801 | 43.55 1.35 0.00 | 41.00 1.46 0.00 | 37.41 1.44 0.00 | 33.01 1.27 0.00 | 32.97 1.27 0.00 | 36.66 1.34 0.00 | 38.20 1.29 0.00 | 45.18 1.65 0.00 | 47.49 1.74 0.00 | 49.90 2.06 0.00 | 52.36 2.30 0.00 | 55.48 2.54 0.00 | 57.43 2.58 0.00 | 56.19 2.52 0.00 | 56.03 2.57 0.00 | 57.26 2.57 0.00 | 55.95 2.56 0.00 | 55.53 2.59 0.00 | 52.05 2.29 0.00 | 50.47 2.17 0.00 | 50.44 2.13 0.00 | 48.87 2.10 0.00 | 54.65 2.24 -2.69 | 53.79 1.96 -5.05 |
| SENECA OSWGO___HYD 24041 | 41.61 -0.59 0.00 | 38.79 -0.75 0.00 | 35.25 -0.72 0.00 | 30.88 -0.60 0.26 | 30.84 -0.60 0.26 | 34.68 -0.64 0.00 | 36.36 -0.55 0.00 | 43.01 -0.52 0.00 | 45.43 -0.32 0.00 | 47.36 -0.48 0.00 | 49.61 -0.45 0.00 | 52.52 -0.42 0.00 | 54.47 -0.38 0.00 | 53.35 -0.32 0.00 | 53.14 -0.32 0.00 | 54.36 -0.33 0.00 | 53.02 -0.37 0.00 | 52.46 -0.48 0.00 | 49.26 -0.50 0.00 | 47.62 -0.68 0.00 | 47.73 -0.58 0.00 | 46.30 -0.47 0.00 | 49.38 -0.50 -0.16 | 46.24 -0.84 -0.30 |
| SENECA___ENERGY 23797 | 39.79 -2.41 0.00 | 37.44 -2.10 0.00 | 34.06 -1.91 0.00 | 28.69 -1.65 1.40 | 28.65 -1.65 1.40 | 33.52 -1.80 0.00 | 35.18 -1.73 0.00 | 41.92 -1.61 0.00 | 44.47 -1.28 0.00 | 46.69 -1.15 0.00 | 48.96 -1.10 0.00 | 51.83 -1.11 0.00 | 53.97 -0.88 0.00 | 52.86 -0.81 0.00 | 52.71 -0.75 0.00 | 53.81 -0.88 0.00 | 52.48 -0.91 0.00 | 51.78 -1.16 0.00 | 48.62 -1.14 0.00 | 46.85 -1.45 0.00 | 47.01 -1.30 0.00 | 45.60 -1.17 0.00 | 48.25 -1.74 -0.27 | 44.62 -2.57 -0.41 |
| SHOEMAKER___GT 23640 | 44.35 2.15 0.00 | 41.79 2.25 0.00 | 38.06 2.09 0.00 | 33.83 1.81 -0.28 | 33.79 1.81 -0.28 | 37.30 1.98 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.72 2.97 0.00 | 51.33 3.49 0.00 | 53.91 3.85 0.00 | 57.12 4.18 0.00 | 59.18 4.33 0.00 | 58.02 4.35 0.00 | 57.90 4.44 0.00 | 59.17 4.48 0.00 | 57.82 4.43 0.00 | 57.28 4.34 0.00 | 53.69 3.93 0.00 | 51.92 3.62 0.00 | 51.88 3.57 0.00 | 50.32 3.55 0.00 | 55.30 3.63 -1.95 | 53.53 3.18 -3.57 |
| SHOREHAM_IC_1 23715 | 53.02 4.22 -6.60 | 51.82 4.27 -8.01 | 50.52 3.92 -10.63 | 49.53 3.43 -14.36 | 49.52 3.42 -14.40 | 50.08 3.71 -11.05 | 53.04 3.88 -12.25 | 54.62 4.88 -6.21 | 59.55 5.12 -8.68 | 60.31 5.93 -6.54 | 62.76 6.36 -6.34 | 66.73 6.72 -7.07 | 66.60 7.19 -4.56 | 67.12 7.19 -6.26 | 69.21 7.32 -8.43 | 71.13 7.38 -9.06 | 67.75 7.15 -7.21 | 67.60 7.09 -7.57 | 69.08 6.52 -12.80 | 64.86 5.99 -10.57 | 65.38 6.09 -10.98 | 64.45 5.89 -11.79 | 59.63 5.82 -4.09 | 56.30 5.05 -4.47 |
| SHOREHAM_IC_2 23716 | 53.02 4.22 -6.60 | 51.82 4.27 -8.01 | 50.52 3.92 -10.63 | 49.53 3.43 -14.36 | 49.52 3.42 -14.40 | 50.08 3.71 -11.05 | 53.04 3.88 -12.25 | 54.62 4.88 -6.21 | 59.55 5.12 -8.68 | 60.31 5.93 -6.54 | 62.76 6.36 -6.34 | 66.73 6.72 -7.07 | 66.60 7.19 -4.56 | 67.12 7.19 -6.26 | 69.21 7.32 -8.43 | 71.13 7.38 -9.06 | 67.75 7.15 -7.21 | 67.60 7.09 -7.57 | 69.08 6.52 -12.80 | 64.86 5.99 -10.57 | 65.38 6.09 -10.98 | 64.45 5.89 -11.79 | 59.63 5.82 -4.09 | 56.30 5.05 -4.47 |
| SITHE_IND_GS1 24169 | 40.98 -1.22 0.00 | 38.24 -1.30 0.00 | 34.75 -1.22 0.00 | 30.69 -1.05 0.00 | 30.65 -1.05 0.00 | 34.15 -1.17 0.00 | 35.73 -1.18 0.00 | 42.22 -1.31 0.00 | 44.51 -1.24 0.00 | 46.26 -1.58 0.00 | 48.36 -1.70 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 51.95 -1.72 0.00 | 51.75 -1.71 0.00 | 52.94 -1.75 0.00 | 51.68 -1.71 0.00 | 51.14 -1.80 0.00 | 48.07 -1.69 0.00 | 46.56 -1.74 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.46 -1.39 -0.13 | 45.44 -1.59 -0.25 |
| SITHE_IND_GS2 24170 | 40.98 -1.22 0.00 | 38.24 -1.30 0.00 | 34.75 -1.22 0.00 | 30.69 -1.05 0.00 | 30.65 -1.05 0.00 | 34.15 -1.17 0.00 | 35.73 -1.18 0.00 | 42.22 -1.31 0.00 | 44.51 -1.24 0.00 | 46.26 -1.58 0.00 | 48.36 -1.70 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 51.95 -1.72 0.00 | 51.75 -1.71 0.00 | 52.94 -1.75 0.00 | 51.68 -1.71 0.00 | 51.14 -1.80 0.00 | 48.07 -1.69 0.00 | 46.56 -1.74 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.46 -1.39 -0.13 | 45.44 -1.59 -0.25 |
| SITHE_IND_GS3 24171 | 40.98 -1.22 0.00 | 38.24 -1.30 0.00 | 34.75 -1.22 0.00 | 30.69 -1.05 0.00 | 30.65 -1.05 0.00 | 34.15 -1.17 0.00 | 35.73 -1.18 0.00 | 42.22 -1.31 0.00 | 44.51 -1.24 0.00 | 46.26 -1.58 0.00 | 48.36 -1.70 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 51.95 -1.72 0.00 | 51.75 -1.71 0.00 | 52.94 -1.75 0.00 | 51.68 -1.71 0.00 | 51.14 -1.80 0.00 | 48.07 -1.69 0.00 | 46.56 -1.74 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.46 -1.39 -0.13 | 45.44 -1.59 -0.25 |
| SITHE_IND_GS4 24172 | 40.98 -1.22 0.00 | 38.24 -1.30 0.00 | 34.75 -1.22 0.00 | 30.69 -1.05 0.00 | 30.65 -1.05 0.00 | 34.15 -1.17 0.00 | 35.73 -1.18 0.00 | 42.22 -1.31 0.00 | 44.51 -1.24 0.00 | 46.26 -1.58 0.00 | 48.36 -1.70 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 51.95 -1.72 0.00 | 51.75 -1.71 0.00 | 52.94 -1.75 0.00 | 51.68 -1.71 0.00 | 51.14 -1.80 0.00 | 48.07 -1.69 0.00 | 46.56 -1.74 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.46 -1.39 -0.13 | 45.44 -1.59 -0.25 |
| SITHE___BATAVIA 24024 | 37.98 -4.22 0.00 | 36.42 -3.12 0.00 | 33.13 -2.84 0.00 | 27.31 -2.41 2.02 | 27.30 -2.38 2.02 | 32.67 -2.65 0.00 | 33.99 -2.92 0.00 | 40.57 -2.96 0.00 | 42.87 -2.88 0.00 | 45.11 -2.73 0.00 | 47.21 -2.85 0.00 | 50.03 -2.91 0.00 | 52.33 -2.52 0.00 | 51.15 -2.52 0.00 | 51.00 -2.46 0.00 | 52.06 -2.63 0.00 | 50.72 -2.67 0.00 | 49.87 -3.07 0.00 | 47.07 -2.69 0.00 | 45.35 -2.95 0.00 | 45.60 -2.71 0.00 | 44.85 -1.92 0.00 | 47.08 -2.98 -0.34 | 40.88 -4.44 1.46 |
| SITHE___INDEPEND 23800 | 40.98 -1.22 0.00 | 38.24 -1.30 0.00 | 34.75 -1.22 0.00 | 30.69 -1.05 0.00 | 30.65 -1.05 0.00 | 34.15 -1.17 0.00 | 35.73 -1.18 0.00 | 42.22 -1.31 0.00 | 44.51 -1.24 0.00 | 46.26 -1.58 0.00 | 48.36 -1.70 0.00 | 51.19 -1.75 0.00 | 53.09 -1.76 0.00 | 51.95 -1.72 0.00 | 51.75 -1.71 0.00 | 52.94 -1.75 0.00 | 51.68 -1.71 0.00 | 51.14 -1.80 0.00 | 48.07 -1.69 0.00 | 46.56 -1.74 0.00 | 46.62 -1.69 0.00 | 45.27 -1.50 0.00 | 48.46 -1.39 -0.13 | 45.44 -1.59 -0.25 |
| SITHE___MASSENA 23902 | 41.82 -0.38 0.00 | 39.11 -0.43 0.00 | 35.47 -0.50 0.00 | 31.26 -0.48 0.00 | 31.22 -0.48 0.00 | 34.86 -0.46 0.00 | 36.47 -0.44 0.00 | 42.79 -0.74 0.00 | 44.88 -0.87 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.46 -1.48 0.00 | 53.26 -1.59 0.00 | 52.11 -1.56 0.00 | 51.96 -1.50 0.00 | 53.21 -1.48 0.00 | 51.95 -1.44 0.00 | 51.62 -1.32 0.00 | 48.67 -1.09 0.00 | 47.38 -0.92 0.00 | 47.34 -0.97 0.00 | 45.55 -1.22 0.00 | 48.43 -1.24 0.05 | 46.03 -0.65 0.10 |
| SITHE___OGDNSBRG 24021 | 42.33 0.13 0.00 | 39.54 0.00 0.00 | 35.83 -0.14 0.00 | 31.55 -0.19 0.00 | 31.54 -0.16 0.00 | 35.25 -0.07 0.00 | 36.95 0.04 0.00 | 43.44 -0.09 0.00 | 45.70 -0.05 0.00 | 47.65 -0.19 0.00 | 49.71 -0.35 0.00 | 52.46 -0.48 0.00 | 54.25 -0.60 0.00 | 53.13 -0.54 0.00 | 52.98 -0.48 0.00 | 54.25 -0.44 0.00 | 53.02 -0.37 0.00 | 52.62 -0.32 0.00 | 49.61 -0.15 0.00 | 48.30 0.00 0.00 | 48.26 -0.05 0.00 | 46.30 -0.47 0.00 | 49.18 -0.50 0.04 | 46.79 0.09 0.08 |

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| SITHE___STERLING 23777 | 42.66 0.46 0.00 | 39.90 0.36 0.00 | 36.26 0.29 0.00 | 31.96 0.22 0.00 | 31.95 0.25 0.00 | 35.64 0.32 0.00 | 37.46 0.55 0.00 | 44.44 0.91 0.00 | 46.94 1.19 0.00 | 49.13 1.29 0.00 | 51.51 1.45 0.00 | 54.58 1.64 0.00 | 56.61 1.76 0.00 | 55.39 1.72 0.00 | 55.22 1.76 0.00 | 56.44 1.75 0.00 | 54.94 1.55 0.00 | 54.37 1.43 0.00 | 51.00 1.24 0.00 | 49.36 1.06 0.00 | 49.42 1.11 0.00 | 47.85 1.08 0.00 | 50.72 0.94 -0.06 | 47.46 0.56 -0.12 |
| SOUTH CAIRO___GT 23612 | 44.39 2.19 0.00 | 41.75 2.21 0.00 | 38.06 2.09 0.00 | 33.55 1.81 0.00 | 33.51 1.81 0.00 | 37.30 1.98 0.00 | 39.12 2.21 0.00 | 46.45 2.92 0.00 | 48.91 3.16 0.00 | 51.76 3.92 0.00 | 54.41 4.35 0.00 | 57.65 4.71 0.00 | 59.73 4.88 0.00 | 58.55 4.88 0.00 | 58.48 5.02 0.00 | 59.72 5.03 0.00 | 58.36 4.97 0.00 | 57.92 4.98 0.00 | 54.24 4.48 0.00 | 52.45 4.15 0.00 | 52.37 4.06 0.00 | 50.79 4.02 0.00 | 56.10 3.98 -2.40 | 54.71 3.51 -4.42 |
| SOUTH HAMPTN___IC 23720 | 54.24 5.44 -6.60 | 52.85 5.30 -8.01 | 51.42 4.82 -10.63 | 50.29 4.19 -14.36 | 50.28 4.18 -14.40 | 50.96 4.59 -11.05 | 54.14 4.98 -12.25 | 56.18 6.44 -6.21 | 61.48 7.05 -8.68 | 62.46 8.08 -6.54 | 65.21 8.81 -6.34 | 69.38 9.37 -7.07 | 69.50 10.09 -4.56 | 69.97 10.04 -6.26 | 72.10 10.21 -8.43 | 74.09 10.34 -9.06 | 70.64 10.04 -7.21 | 70.41 9.90 -7.57 | 71.72 9.16 -12.80 | 67.32 8.45 -10.57 | 67.79 8.50 -10.98 | 66.75 8.19 -11.79 | 61.71 7.90 -4.09 | 57.89 6.64 -4.47 |
| SOUTHOLD___IC 23719 | 54.67 5.87 -6.60 | 53.24 5.69 -8.01 | 51.74 5.14 -10.63 | 50.58 4.48 -14.36 | 50.54 4.44 -14.40 | 51.28 4.91 -11.05 | 54.55 5.39 -12.25 | 56.75 7.01 -6.21 | 62.16 7.73 -8.68 | 63.18 8.80 -6.54 | 66.01 9.61 -6.34 | 70.23 10.22 -7.07 | 70.54 11.13 -4.56 | 70.93 11.00 -6.26 | 73.12 11.23 -8.43 | 75.07 11.32 -9.06 | 71.60 11.00 -7.21 | 71.36 10.85 -7.57 | 72.61 10.05 -12.80 | 68.14 9.27 -10.57 | 68.61 9.32 -10.98 | 67.54 8.98 -11.79 | 62.36 8.55 -4.09 | 58.36 7.11 -4.47 |
| ST LAWRENCE___ 23600 | 41.61 -0.59 0.00 | 38.91 -0.63 0.00 | 35.32 -0.65 0.00 | 31.14 -0.60 0.00 | 31.10 -0.60 0.00 | 34.72 -0.60 0.00 | 36.25 -0.66 0.00 | 42.53 -1.00 0.00 | 44.56 -1.19 0.00 | 46.45 -1.39 0.00 | 48.46 -1.60 0.00 | 51.09 -1.85 0.00 | 52.88 -1.97 0.00 | 51.74 -1.93 0.00 | 51.48 -1.98 0.00 | 52.72 -1.97 0.00 | 51.47 -1.92 0.00 | 51.14 -1.80 0.00 | 48.22 -1.54 0.00 | 47.00 -1.30 0.00 | 46.96 -1.35 0.00 | 45.18 -1.59 0.00 | 48.08 -1.59 0.05 | 45.74 -0.94 0.10 |
| STATION 5_MISC_HYD 23604 | 40.85 -1.35 0.00 | 40.29 0.75 0.00 | 36.58 0.61 0.00 | 30.89 0.57 1.42 | 30.88 0.60 1.42 | 36.17 0.85 0.00 | 37.94 1.03 0.00 | 44.79 1.26 0.00 | 47.81 2.06 0.00 | 50.42 2.58 0.00 | 52.96 2.90 0.00 | 56.22 3.28 0.00 | 58.58 3.73 0.00 | 57.43 3.76 0.00 | 57.31 3.85 0.00 | 58.57 3.88 0.00 | 57.02 3.63 0.00 | 56.06 3.12 0.00 | 52.60 2.84 0.00 | 50.62 2.32 0.00 | 50.87 2.56 0.00 | 49.62 2.85 0.00 | 51.93 1.94 -0.27 | 47.27 -0.05 -0.54 |
| STURGEON_POOL_HYD 23609 | 44.73 2.53 0.00 | 42.19 2.65 0.00 | 38.45 2.48 0.00 | 34.15 2.13 -0.28 | 34.10 2.12 -0.28 | 37.62 2.30 0.00 | 39.53 2.62 0.00 | 46.97 3.44 0.00 | 49.27 3.52 0.00 | 52.10 4.26 0.00 | 54.82 4.76 0.00 | 58.08 5.14 0.00 | 60.12 5.27 0.00 | 58.98 5.31 0.00 | 58.86 5.40 0.00 | 60.16 5.47 0.00 | 58.84 5.45 0.00 | 58.29 5.35 0.00 | 54.59 4.83 0.00 | 52.74 4.44 0.00 | 52.66 4.35 0.00 | 51.12 4.35 0.00 | 56.39 4.47 -2.20 | 54.75 3.93 -4.04 |
| SYRACUSE___POWER 24017 | 41.44 -0.76 0.00 | 38.71 -0.83 0.00 | 35.21 -0.76 0.00 | 30.66 -0.67 0.41 | 30.62 -0.67 0.41 | 34.61 -0.71 0.00 | 36.32 -0.59 0.00 | 43.01 -0.52 0.00 | 45.48 -0.27 0.00 | 47.51 -0.33 0.00 | 49.76 -0.30 0.00 | 52.73 -0.21 0.00 | 54.69 -0.16 0.00 | 53.56 -0.11 0.00 | 53.35 -0.11 0.00 | 54.53 -0.16 0.00 | 53.23 -0.16 0.00 | 52.62 -0.32 0.00 | 49.36 -0.40 0.00 | 47.72 -0.58 0.00 | 47.83 -0.48 0.00 | 46.40 -0.37 0.00 | 49.42 -0.50 -0.20 | 46.26 -0.89 -0.37 |
| Stony___Brook 24151 | 52.89 4.09 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.46 3.36 -14.40 | 49.97 3.60 -11.05 | 52.85 4.48 -12.25 | 54.22 4.48 -6.21 | 59.10 4.67 -8.68 | 59.79 5.41 -6.54 | 62.21 5.81 -6.34 | 65.83 5.82 -7.07 | 65.55 6.14 -4.56 | 66.10 6.17 -6.26 | 68.14 6.25 -8.43 | 70.09 6.34 -9.06 | 66.79 6.19 -7.21 | 66.65 6.14 -7.57 | 68.18 5.62 -12.80 | 63.99 5.12 -10.57 | 64.80 5.51 -10.98 | 63.89 5.33 -11.79 | 59.08 5.27 -4.09 | 55.93 4.68 -4.47 |
| UPPER HUDSON___HYD 24058 | 45.49 3.29 0.00 | 42.74 3.20 0.00 | 38.81 2.84 0.00 | 34.31 2.57 0.00 | 34.27 2.57 0.00 | 38.22 2.90 0.00 | 39.97 3.06 0.00 | 46.79 3.26 0.00 | 49.00 3.25 0.00 | 51.62 3.78 0.00 | 54.26 4.20 0.00 | 57.33 4.39 0.00 | 59.62 4.77 0.00 | 58.34 4.67 0.00 | 58.22 4.76 0.00 | 60.16 5.47 0.00 | 58.78 5.39 0.00 | 58.29 5.35 0.00 | 54.89 5.13 0.00 | 53.27 4.97 0.00 | 53.29 4.98 0.00 | 51.49 4.72 0.00 | 57.13 4.57 -2.84 | 56.19 4.07 -5.34 |
| UPPER RAQUET___HYD 24056 | 42.07 -0.13 0.00 | 39.30 -0.24 0.00 | 35.65 -0.32 0.00 | 31.42 -0.32 0.00 | 31.38 -0.32 0.00 | 35.07 -0.25 0.00 | 36.73 -0.18 0.00 | 42.70 -0.83 0.00 | 44.88 -0.87 0.00 | 46.74 -1.10 0.00 | 48.81 -1.25 0.00 | 51.51 -1.43 0.00 | 53.31 -1.54 0.00 | 52.22 -1.45 0.00 | 52.66 -0.80 0.00 | 53.92 -0.77 0.00 | 52.64 -0.75 0.00 | 52.30 -0.64 0.00 | 49.26 -0.50 0.00 | 47.96 -0.34 0.00 | 47.92 -0.39 0.00 | 46.02 -0.75 0.00 | 48.92 -0.80 0.00 | 46.50 -0.28 0.00 |
| VISCHER___FERRY HYD 24020 | 44.35 2.15 0.00 | 41.71 2.17 0.00 | 37.98 2.01 0.00 | 33.55 1.81 0.00 | 33.54 1.84 0.00 | 37.33 2.01 0.00 | 38.98 2.07 0.00 | 45.97 2.44 0.00 | 48.31 2.56 0.00 | 50.85 3.01 0.00 | 53.41 3.35 0.00 | 56.54 3.60 0.00 | 58.58 3.73 0.00 | 57.37 3.70 0.00 | 57.20 3.74 0.00 | 58.52 3.83 0.00 | 57.18 3.79 0.00 | 56.75 3.81 0.00 | 53.24 3.48 0.00 | 51.58 3.28 0.00 | 51.59 3.28 0.00 | 49.95 3.18 0.00 | 55.60 3.13 -2.75 | 54.79 2.85 -5.16 |
| WADING RIVER_1-3_GRP5 24038 | 52.94 4.14 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.43 3.33 -14.40 | 50.01 3.64 -11.05 | 52.96 3.80 -12.25 | 54.48 4.74 -6.21 | 59.42 4.99 -8.68 | 60.12 5.74 -6.54 | 62.56 6.16 -6.34 | 66.52 6.51 -7.07 | 66.32 6.91 -4.56 | 66.85 6.92 -6.26 | 68.89 7.00 -8.43 | 70.86 7.11 -9.06 | 67.54 6.94 -7.21 | 67.34 6.83 -7.57 | 68.83 6.27 -12.80 | 64.67 5.80 -10.57 | 65.14 5.85 -10.98 | 64.27 5.71 -11.79 | 59.43 5.62 -4.09 | 56.16 4.91 -4.47 |
| WADING RIVER_IC_1 23522 | 52.94 4.14 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.43 3.33 -14.40 | 50.01 3.64 -11.05 | 52.96 3.80 -12.25 | 54.48 4.74 -6.21 | 59.42 4.99 -8.68 | 60.12 5.74 -6.54 | 62.56 6.16 -6.34 | 66.52 6.51 -7.07 | 66.32 6.91 -4.56 | 66.85 6.92 -6.26 | 68.89 7.00 -8.43 | 70.86 7.11 -9.06 | 67.54 6.94 -7.21 | 67.34 6.83 -7.57 | 68.83 6.27 -12.80 | 64.67 5.80 -10.57 | 65.14 5.85 -10.98 | 64.27 5.71 -11.79 | 59.43 5.62 -4.09 | 56.16 4.91 -4.47 |
| WADING RIVER_IC_2 23547 | 52.94 4.14 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.43 3.33 -14.40 | 50.01 3.64 -11.05 | 52.96 3.80 -12.25 | 54.48 4.74 -6.21 | 59.42 4.99 -8.68 | 60.12 5.74 -6.54 | 62.56 6.16 -6.34 | 66.52 6.51 -7.07 | 66.32 6.91 -4.56 | 66.85 6.92 -6.26 | 68.89 7.00 -8.43 | 70.86 7.11 -9.06 | 67.54 6.94 -7.21 | 67.34 6.83 -7.57 | 68.83 6.27 -12.80 | 64.67 5.80 -10.57 | 65.14 5.85 -10.98 | 64.27 5.71 -11.79 | 59.43 5.62 -4.09 | 56.16 4.91 -4.47 |
| WADING RIVER_IC_3 23601 | 52.94 4.14 -6.60 | 51.74 4.19 -8.01 | 50.45 3.85 -10.63 | 49.46 3.36 -14.36 | 49.43 3.33 -14.40 | 50.01 3.64 -11.05 | 52.96 3.80 -12.25 | 54.48 4.74 -6.21 | 59.42 4.99 -8.68 | 60.12 5.74 -6.54 | 62.56 6.16 -6.34 | 66.52 6.51 -7.07 | 66.32 6.91 -4.56 | 66.85 6.92 -6.26 | 68.89 7.00 -8.43 | 70.86 7.11 -9.06 | 67.54 6.94 -7.21 | 67.34 6.83 -7.57 | 68.83 6.27 -12.80 | 64.67 5.80 -10.57 | 65.14 5.85 -10.98 | 64.27 5.71 -11.79 | 59.43 5.62 -4.09 | 56.16 4.91 -4.47 |

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| WALDEN___HYDRO 24148 | 44.56 2.36 0.00 | 41.99 2.45 0.00 | 38.27 2.30 0.00 | 33.99 1.97 -0.28 | 33.95 1.97 -0.28 | 37.47 2.15 0.00 | 39.35 2.44 0.00 | 46.75 3.22 0.00 | 49.04 3.29 0.00 | 51.81 3.97 0.00 | 54.47 4.41 0.00 | 57.70 4.76 0.00 | 59.79 4.94 0.00 | 58.61 4.94 0.00 | 58.48 5.02 0.00 | 59.83 5.14 0.00 | 58.46 5.07 0.00 | 57.86 4.92 0.00 | 54.24 4.48 0.00 | 52.41 4.11 0.00 | 52.32 4.01 0.00 | 50.79 4.02 0.00 | 55.94 4.13 -2.09 | 54.27 3.65 -3.84 |
| WATERSIDE___6 8 9 23538 | 64.39 3.67 -18.52 | 62.58 3.76 -19.28 | 39.43 3.45 -0.01 | 35.05 3.02 -0.29 | 35.00 3.01 -0.29 | 38.65 3.32 -0.01 | 62.54 3.58 -22.05 | 66.43 4.66 -18.24 | 68.74 4.76 -18.23 | 71.19 5.45 -17.90 | 79.43 5.91 -23.46 | 79.48 6.35 -20.19 | 79.49 6.58 -18.06 | 79.48 6.44 -19.37 | 79.49 6.58 -19.45 | 81.97 6.73 -20.55 | 79.48 6.57 -19.52 | 79.43 6.46 -20.03 | 70.62 6.02 -14.84 | 68.75 5.55 -14.90 | 68.16 5.56 -14.29 | 68.55 5.47 -16.31 | 67.17 5.67 -11.78 | 64.49 4.96 -12.75 |
| WEST BABYLON___IC 23714 | 54.03 4.43 -7.40 | 52.44 4.43 -8.47 | 50.70 4.10 -10.63 | 49.69 3.59 -14.36 | 49.65 3.55 -14.40 | 50.29 3.92 -11.05 | 53.77 4.17 -12.69 | 55.58 5.35 -6.70 | 60.52 5.63 -9.14 | 61.28 6.36 -7.08 | 64.23 6.76 -7.41 | 67.71 7.31 -7.46 | 67.38 7.68 -4.85 | 67.95 7.62 -6.66 | 70.03 7.75 -8.82 | 72.02 7.88 -9.45 | 68.69 7.69 -7.61 | 68.48 7.57 -7.97 | 69.67 6.92 -12.99 | 65.62 6.42 -10.90 | 65.90 6.38 -11.21 | 65.01 6.22 -12.02 | 60.41 6.26 -4.43 | 57.10 5.52 -4.80 |
| WEST CANADA___HYD 24049 | 42.62 0.42 0.00 | 39.94 0.40 0.00 | 36.33 0.36 0.00 | 32.06 0.32 0.00 | 32.02 0.32 0.00 | 35.67 0.35 0.00 | 37.28 0.37 0.00 | 44.05 0.52 0.00 | 46.30 0.55 0.00 | 48.46 0.62 0.00 | 50.71 0.65 0.00 | 53.68 0.74 0.00 | 55.62 0.77 0.00 | 54.42 0.75 0.00 | 54.21 0.75 0.00 | 55.46 0.77 0.00 | 53.82 0.43 0.00 | 53.36 0.42 0.00 | 50.16 0.40 0.00 | 48.64 0.34 0.00 | 48.65 0.34 0.00 | 47.14 0.37 0.00 | 50.07 0.40 0.05 | 47.01 0.33 0.10 |
| WESTERN_NY_WIND 24143 | 37.94 -4.26 0.00 | 36.34 -3.20 0.00 | 33.06 -2.91 0.00 | 27.19 -2.48 2.07 | 27.19 -2.44 2.07 | 32.60 -2.72 0.00 | 33.88 -3.03 0.00 | 40.53 -3.00 0.00 | 42.78 -2.97 0.00 | 45.02 -2.82 0.00 | 47.11 -2.95 0.00 | 49.92 -3.02 0.00 | 52.22 -2.63 0.00 | 51.04 -2.63 0.00 | 50.84 -2.62 0.00 | 51.96 -2.73 0.00 | 50.61 -2.78 0.00 | 49.71 -3.23 0.00 | 46.97 -2.79 0.00 | 45.26 -3.04 0.00 | 45.51 -2.80 0.00 | 44.76 -2.01 0.00 | 46.99 -3.08 -0.35 | 40.62 -4.54 1.62 |
| YORK___WARBASSE 23770 | 64.43 3.71 -18.52 | 62.54 3.72 -19.28 | 39.40 3.42 -0.01 | 35.08 3.05 -0.29 | 35.00 3.01 -0.29 | 38.61 3.28 -0.01 | 62.58 3.62 -22.05 | 66.60 4.83 -18.24 | 69.01 5.03 -18.23 | 71.53 5.79 -17.90 | 79.83 6.31 -23.46 | 79.85 6.72 -20.19 | 79.93 7.02 -18.06 | 79.91 6.87 -19.37 | 79.91 7.00 -19.45 | 82.40 7.16 -20.55 | 79.90 6.99 -19.52 | 79.85 6.88 -20.03 | 70.97 6.37 -14.84 | 69.00 5.80 -14.90 | 68.40 5.80 -14.29 | 68.74 5.66 -16.31 | 67.27 5.77 -11.78 | 64.58 5.05 -12.75 |